

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011024\
 Data File : VX039695.D
 Acq On : 10 Jan 2024 11:13
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024

Quant Time: Jan 11 03:31:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:21:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	100747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	185418	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	9837	5.829	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.660%#		
35) Dibromofluoromethane	5.391	113	7006	5.610	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.220%#		
50) Toluene-d8	8.647	98	26939	5.719	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	11.440%#		
62) 4-Bromofluorobenzene	11.079	95	10187	5.531	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.060%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6352	4.873	ug/l	94
3) Chloromethane	1.294	50	7771	5.220	ug/l	94
4) Vinyl Chloride	1.374	62	7371	5.247	ug/l	98
5) Bromomethane	1.599	94	4530	5.651	ug/l	91
6) Chloroethane	1.679	64	4631	5.810	ug/l	97
7) Trichlorofluoromethane	1.886	101	10768	5.313	ug/l	96
8) Diethyl Ether	2.136	74	4010	5.354	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	7040	5.603	ug/l	97
10) Methyl Iodide	2.453	142	5364	4.047	ug/l	95
11) Tert butyl alcohol	2.959	59	12645	28.784	ug/l	97
12) 1,1-Dichloroethene	2.319	96	6180	5.097	ug/l	97
13) Acrolein	2.233	56	10457	24.955	ug/l	99
14) Allyl chloride	2.660	41	12360	5.179	ug/l	100
15) Acrylonitrile	3.062	53	25153	27.718	ug/l	99
16) Acetone	2.380	43	27187	28.644	ug/l	94
17) Carbon Disulfide	2.508	76	17335	4.974	ug/l	100
18) Methyl Acetate	2.703	43	10634	5.355	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	22929	5.326	ug/l	97
20) Methylene Chloride	2.788	84	7721	5.378	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	6751	5.291	ug/l	89
22) Diisopropyl ether	3.757	45	24766	5.438	ug/l #	83
23) Vinyl Acetate	3.721	43	111102	26.243	ug/l	99
24) 1,1-Dichloroethane	3.611	63	13438	5.363	ug/l	96
25) 2-Butanone	4.562	43	38541	28.257	ug/l	99
26) 2,2-Dichloropropane	4.471	77	10595	5.269	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	7687	5.252	ug/l	97
28) Bromochloromethane	4.897	49	6496	5.720	ug/l	92
29) Tetrahydrofuran	5.001	42	24058	27.404	ug/l	98
30) Chloroform	5.093	83	13086	5.291	ug/l	87
31) Cyclohexane	5.471	56	11576	5.197	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	10593	5.002	ug/l	96
36) 1,1-Dichloropropene	5.696	75	10449	5.375	ug/l	96
37) Ethyl Acetate	4.721	43	13501	5.206	ug/l	99
38) Carbon Tetrachloride	5.678	117	8785	4.934	ug/l	97
39) Methylcyclohexane	7.379	83	12126	5.195	ug/l	97
40) Benzene	6.038	78	29072	5.282	ug/l	98

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024

Quant Time: Jan 11 03:31:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:21:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	6512	5.135	ug/l #	91
42) 1,2-Dichloroethane	6.086	62	10934	5.225	ug/l	100
43) Isopropyl Acetate	6.336	43	19816	5.209	ug/l	98
44) Trichloroethene	7.129	130	7140	5.293	ug/l	100
45) 1,2-Dichloropropane	7.428	63	8112	5.494	ug/l	95
46) Dibromomethane	7.580	93	5385	5.280	ug/l	95
47) Bromodichloromethane	7.818	83	9143	4.840	ug/l	91
48) Methyl methacrylate	7.696	41	9466	5.062	ug/l	99
49) 1,4-Dioxane	7.659	88	3877	107.150	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	70071	26.744	ug/l	97
52) Toluene	8.720	92	17599	5.353	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	9772	4.875	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	10352	4.697	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	7281	5.201	ug/l	90
56) Ethyl methacrylate	9.116	69	11265	4.972	ug/l	95
57) 1,3-Dichloropropane	9.311	76	12817	5.403	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	27584	25.759	ug/l	95
59) 2-Hexanone	9.427	43	54721	26.389	ug/l	99
60) Dibromochloromethane	9.519	129	6277	4.755	ug/l	98
61) 1,2-Dibromoethane	9.610	107	7620	5.257	ug/l	98
64) Tetrachloroethene	9.275	164	5745	5.265	ug/l	96
65) Chlorobenzene	10.079	112	17979	5.145	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.159	131	5860	4.924	ug/l	94
67) Ethyl Benzene	10.195	91	33515	5.165	ug/l	99
68) m/p-Xylenes	10.299	106	25038	10.493	ug/l	98
69) o-Xylene	10.640	106	12225	5.173	ug/l	94
70) Styrene	10.659	104	19581	5.073	ug/l	97
71) Bromoform	10.799	173	3939	4.408	ug/l #	95
73) Isopropylbenzene	10.963	105	31935	5.362	ug/l	99
74) N-amyl acetate	10.842	43	14817	4.773	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	12693	5.581	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	10119m	5.218	ug/l	
77) Bromobenzene	11.195	156	7017	5.292	ug/l	93
78) n-propylbenzene	11.305	91	36817	5.108	ug/l	97
79) 2-Chlorotoluene	11.366	91	24072	5.403	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	26759	5.290	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	2404	5.161	ug/l	88
82) 4-Chlorotoluene	11.457	91	26979	5.339	ug/l	100
83) tert-Butylbenzene	11.713	119	25121	5.202	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	26398	5.231	ug/l	100
85) sec-Butylbenzene	11.890	105	32840	5.239	ug/l	98
86) p-Isopropyltoluene	12.006	119	25456	5.081	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	13687	5.385	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	14236	5.423	ug/l	94
89) n-Butylbenzene	12.335	91	23361	4.828	ug/l	96
90) Hexachloroethane	12.536	117	3722	4.404	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	13821	5.500	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	2706	4.856	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	7656	4.985	ug/l	94
94) Hexachlorobutadiene	13.725	225	3255	5.099	ug/l	96
95) Naphthalene	13.774	128	28005	4.954	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	7851	5.065	ug/l	98

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

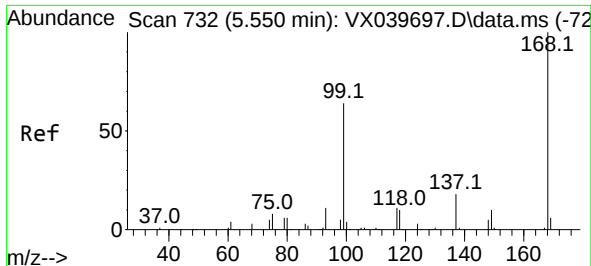
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

Quant Time: Jan 11 03:31:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:21:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

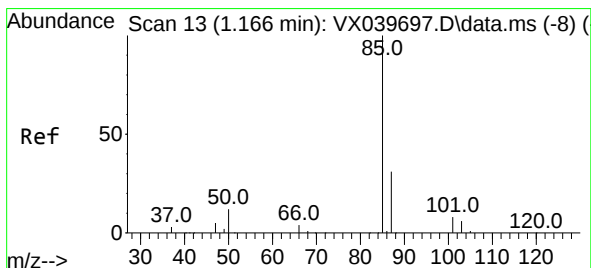
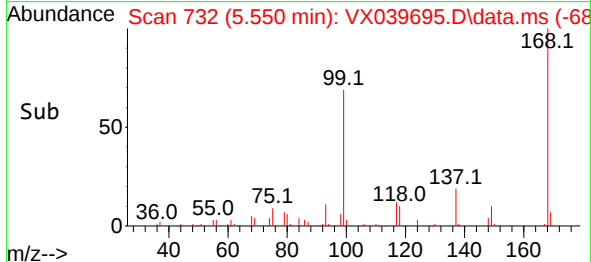
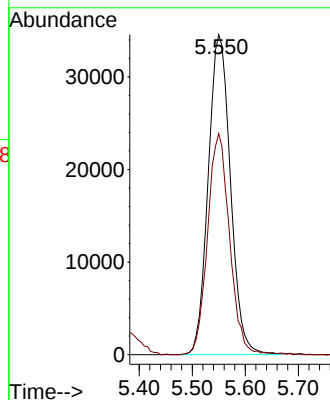
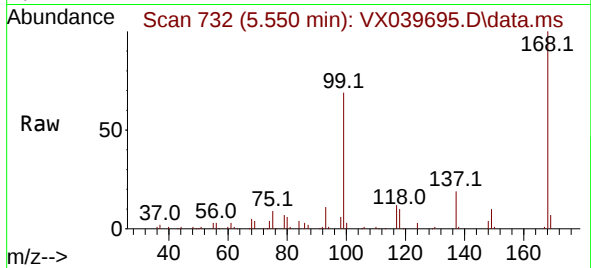
VSTDIC005

Tgt Ion:168 Resp: 10074
Ion Ratio Lower Upper
168 100
99 69.1 56.6 85.0

Manual Integrations

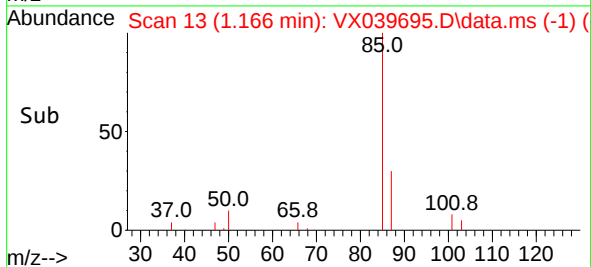
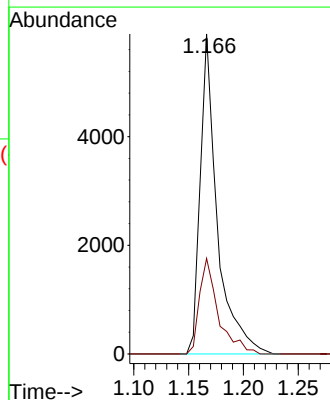
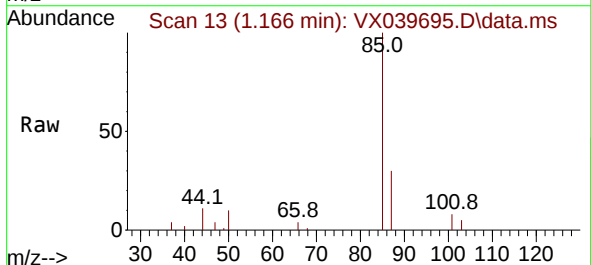
APPROVED

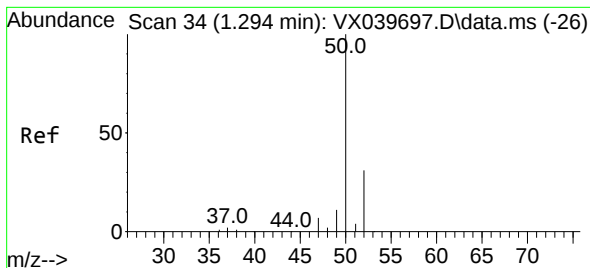
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#2
Dichlorodifluoromethane
Concen: 4.873 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Tgt Ion: 85 Resp: 6352
Ion Ratio Lower Upper
85 100
87 29.8 16.7 50.1





#3

Chloromethane

Concen: 5.220 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 50 Resp: 777

Ion Ratio Lower Upper

50 100

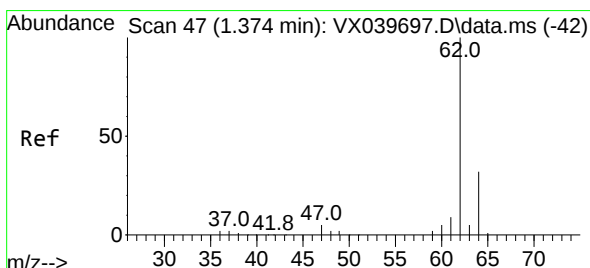
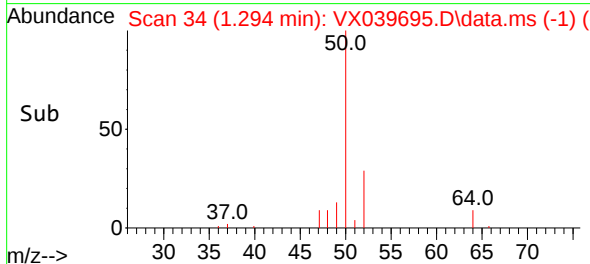
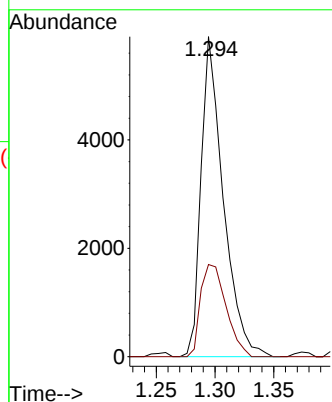
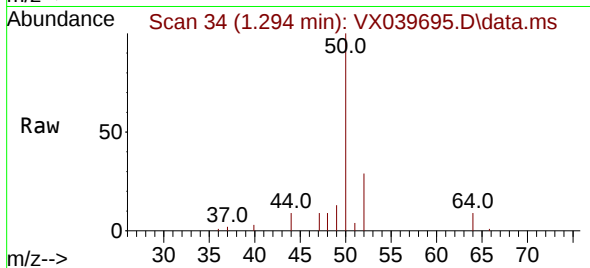
52 28.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#4

Vinyl Chloride

Concen: 5.247 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX039695.D

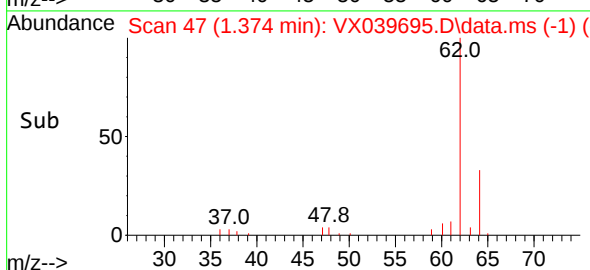
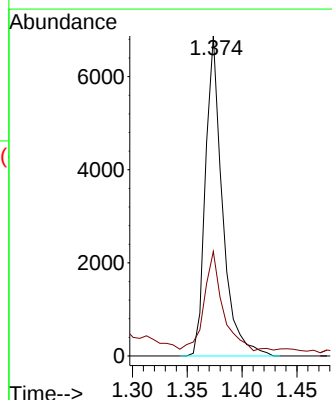
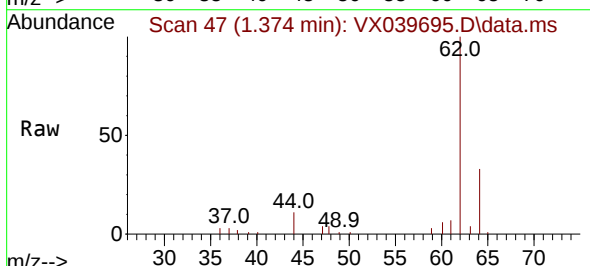
Acq: 10 Jan 2024 11:13

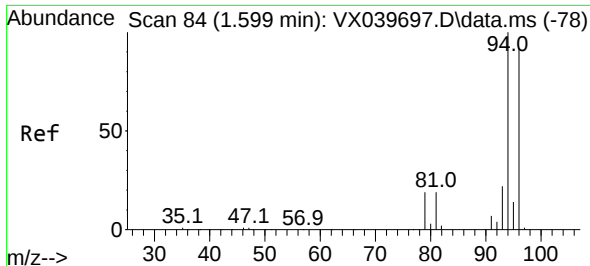
Tgt Ion: 62 Resp: 7371

Ion Ratio Lower Upper

62 100

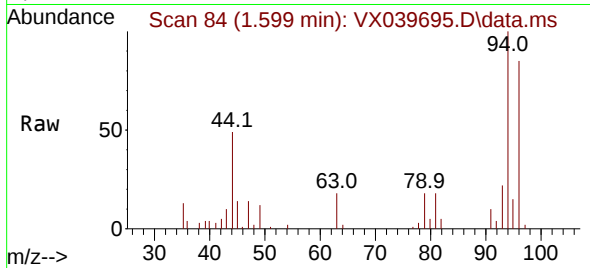
64 30.5 25.4 38.0





#5
Bromomethane
Concen: 5.651 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

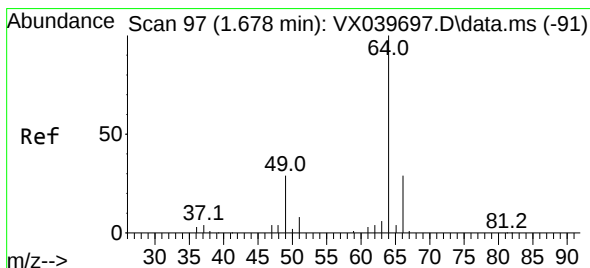
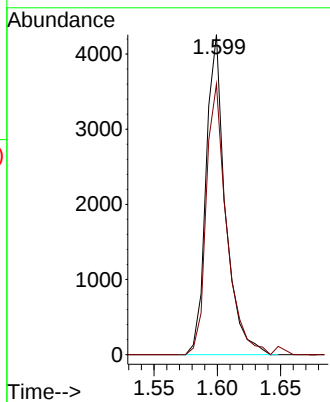
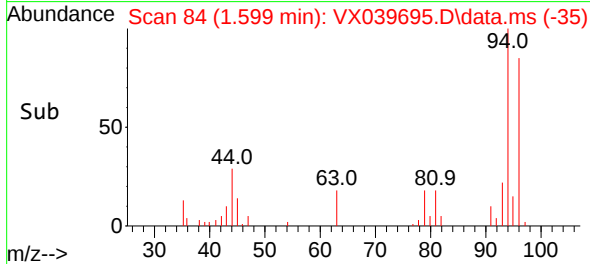
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 4530
Ion Ratio Lower Upper
94 100
96 84.6 74.6 111.8

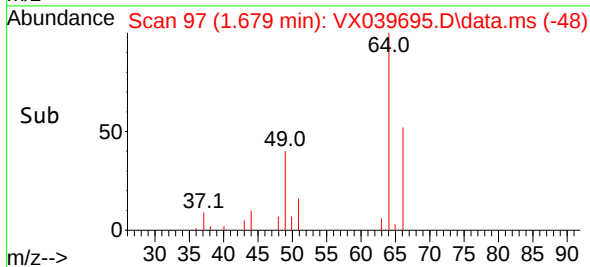
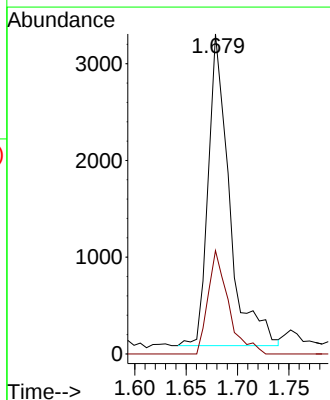
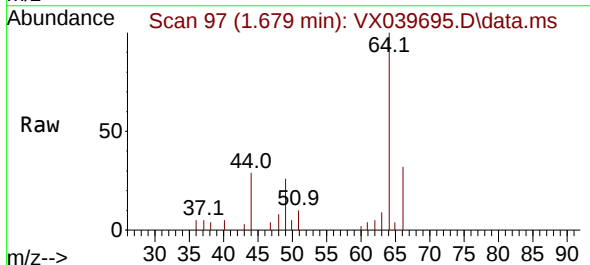
Manual Integrations
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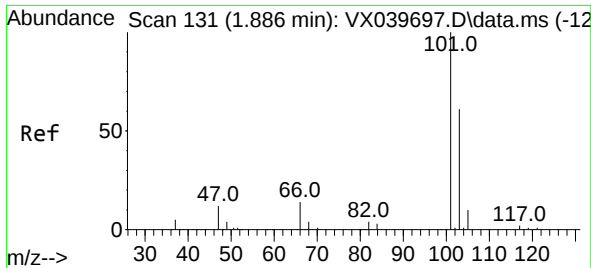
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#6
Chloroethane
Concen: 5.810 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Tgt Ion: 64 Resp: 4631
Ion Ratio Lower Upper
64 100
66 33.2 25.1 37.7





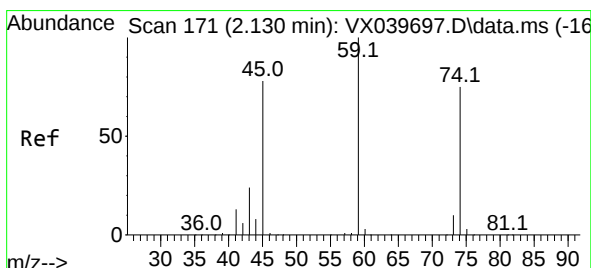
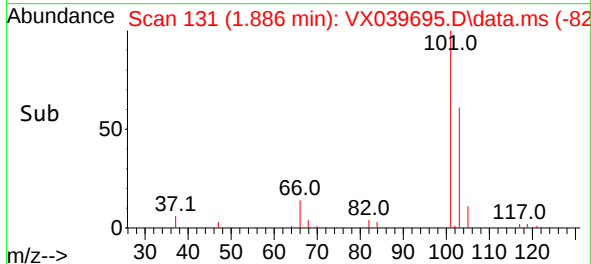
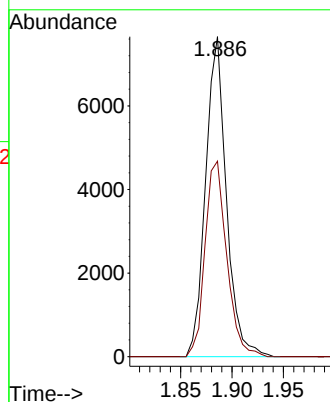
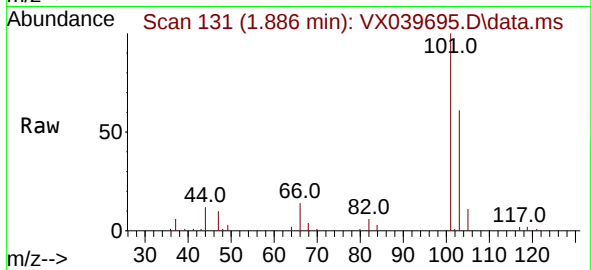
#7
Trichlorofluoromethane
Concen: 5.313 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1076
Ion Ratio Lower Upper
101 100
103 61.1 51.4 77.2

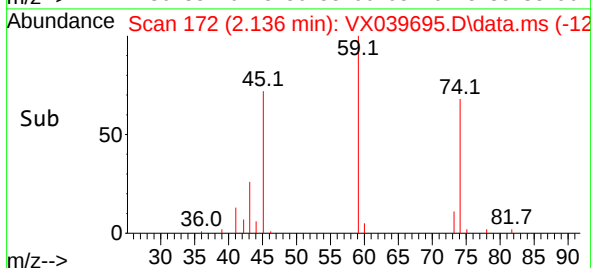
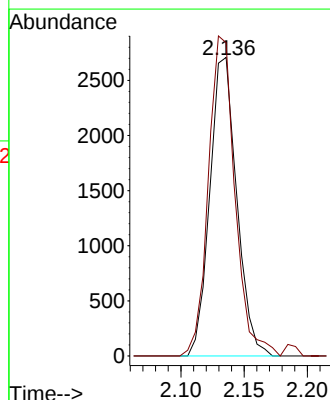
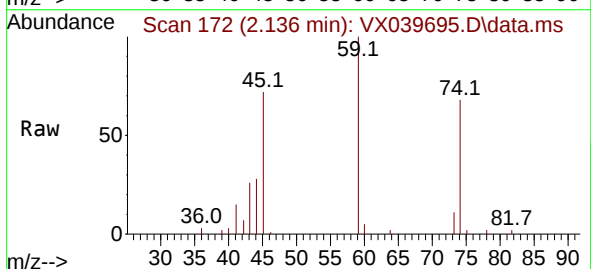
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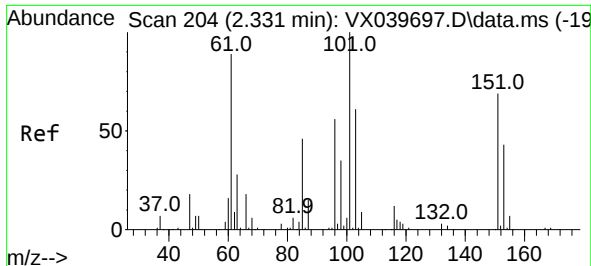
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#8
Diethyl Ether
Concen: 5.354 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Tgt Ion: 74 Resp: 4010
Ion Ratio Lower Upper
74 100
45 106.2 53.3 159.8





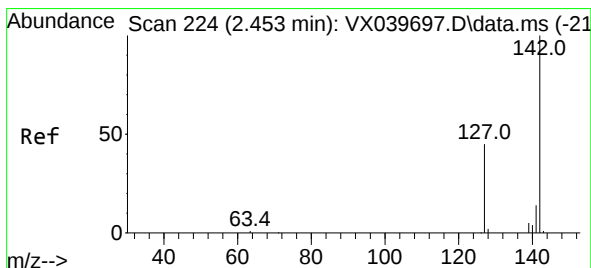
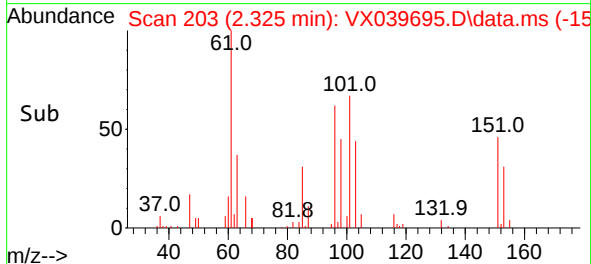
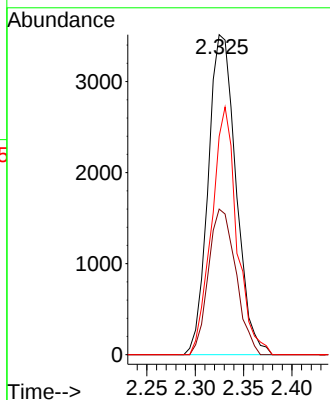
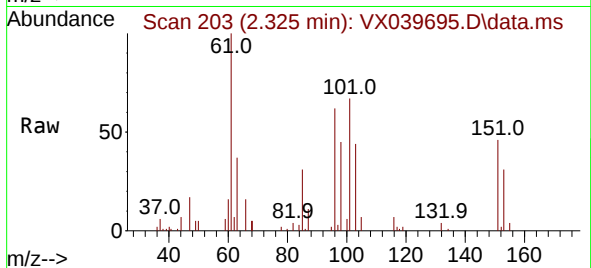
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.603 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC005

Tgt Ion:101 Resp: 7040
Ion Ratio Lower Upper
101 100
85 44.8 37.0 55.6
151 70.3 58.6 87.8

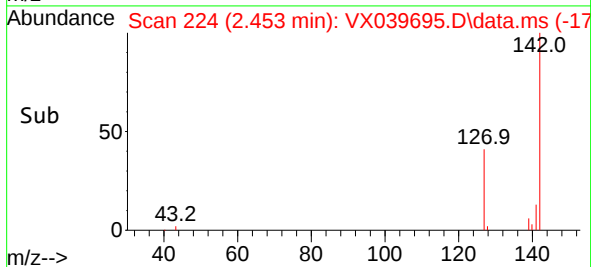
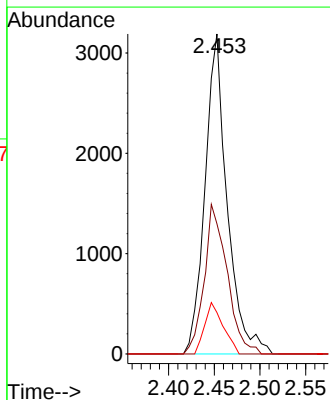
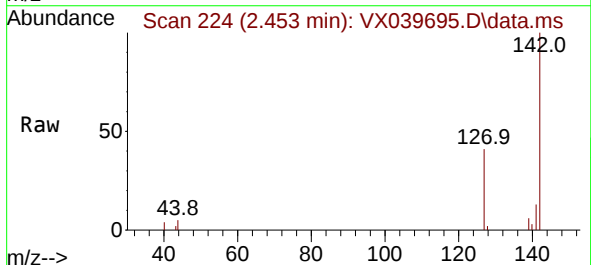
Manual Integrations
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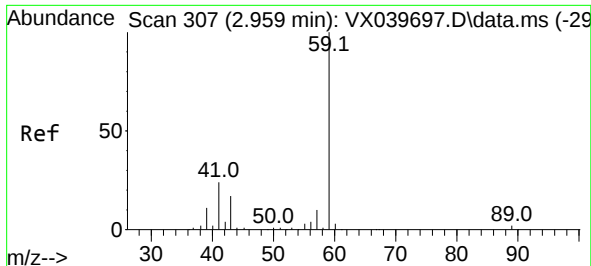
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#10
Methyl Iodide
Concen: 4.047 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Tgt Ion:142 Resp: 5364
Ion Ratio Lower Upper
142 100
127 48.2 41.6 62.4
141 13.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 28.784 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 1264

Ion Ratio Lower Upper

59 100

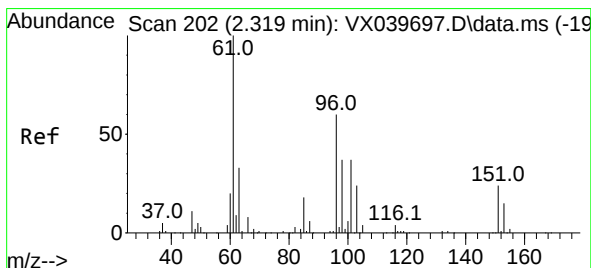
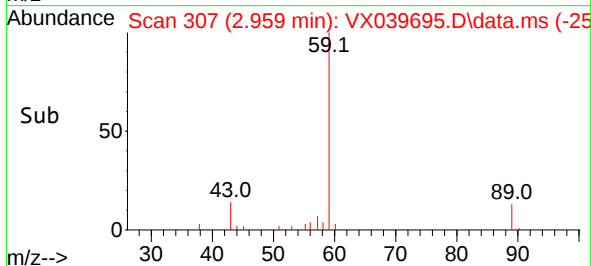
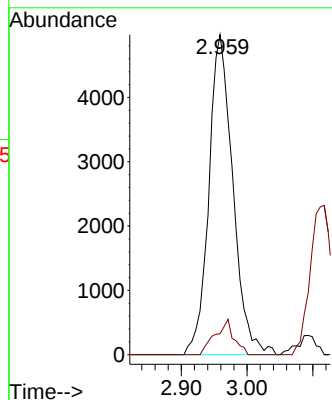
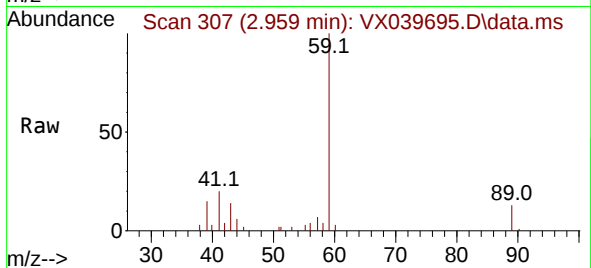
57 8.5 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#12

1,1-Dichloroethene

Concen: 5.097 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

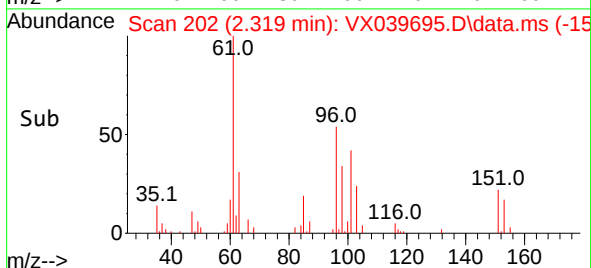
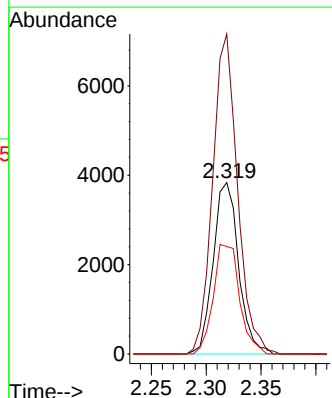
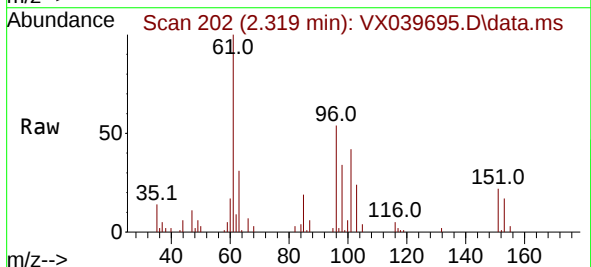
Tgt Ion: 96 Resp: 6180

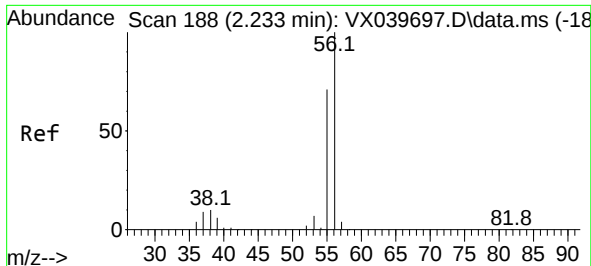
Ion Ratio Lower Upper

96 100

61 186.7 144.6 216.8

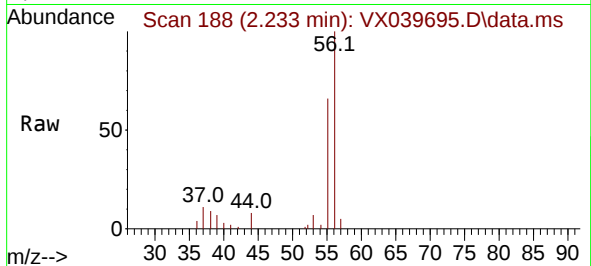
98 62.8 50.4 75.6





#13
Acrolein
Concen: 24.955 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

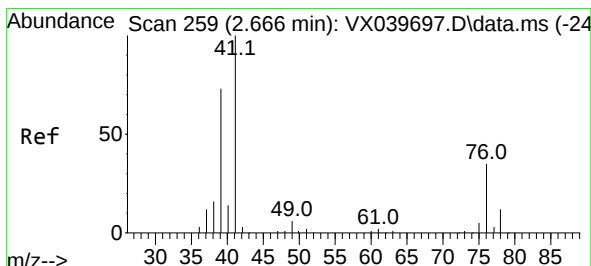
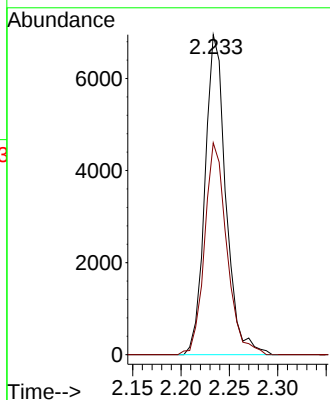
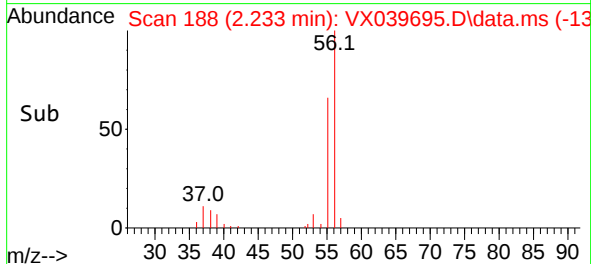
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



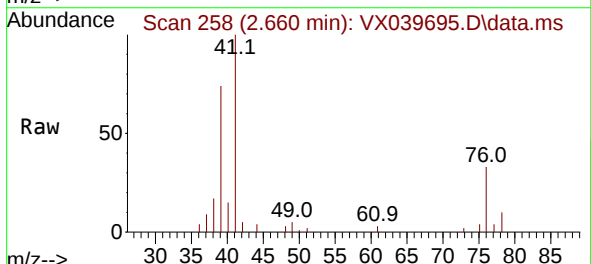
Tgt Ion: 56 Resp: 1045
Ion Ratio Lower Upper
56 100
55 70.3 57.1 85.7

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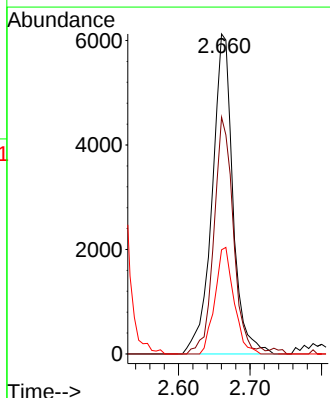
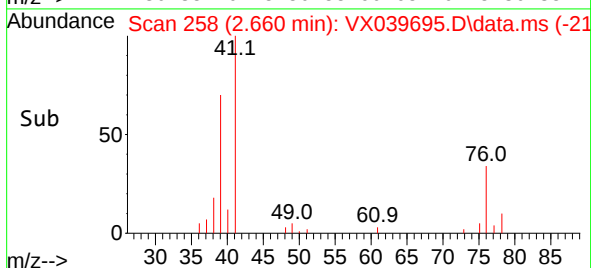
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

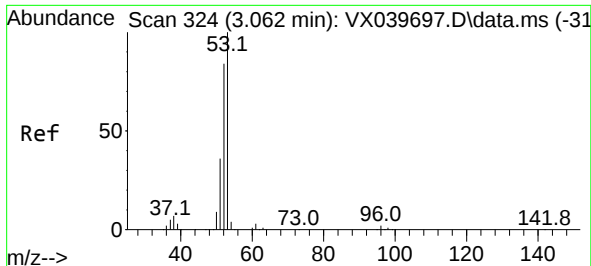


#14
Allyl chloride
Concen: 5.179 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13



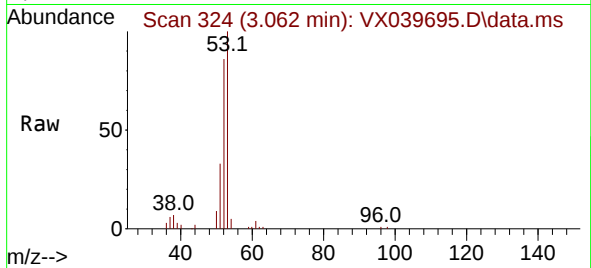
Tgt Ion: 41 Resp: 12360
Ion Ratio Lower Upper
41 100
39 69.4 55.8 83.6
76 30.6 24.3 36.5





#15
Acrylonitrile
Concen: 27.718 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

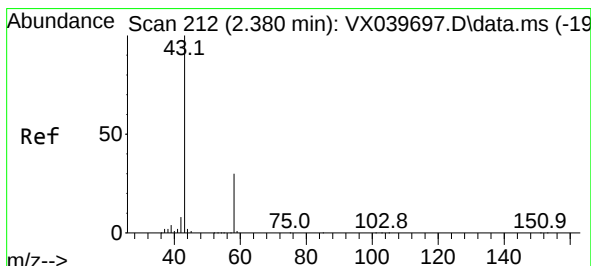
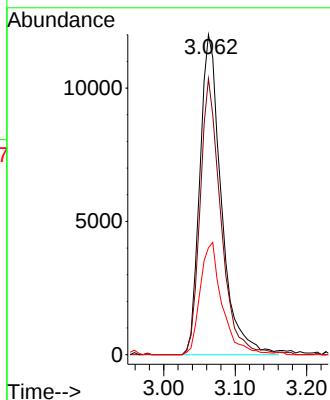
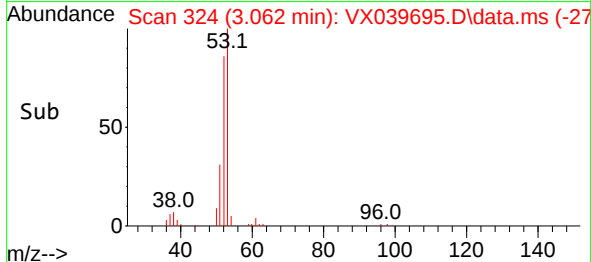
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 2515
Ion Ratio Lower Upper
53 100
52 83.3 66.0 99.0
51 35.8 29.8 44.6

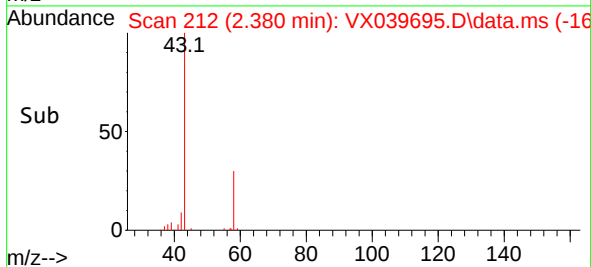
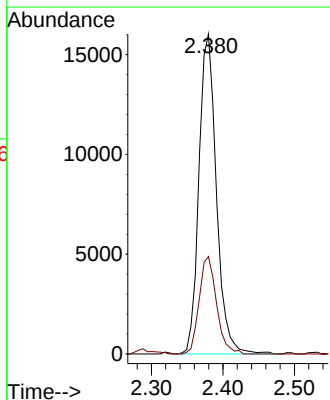
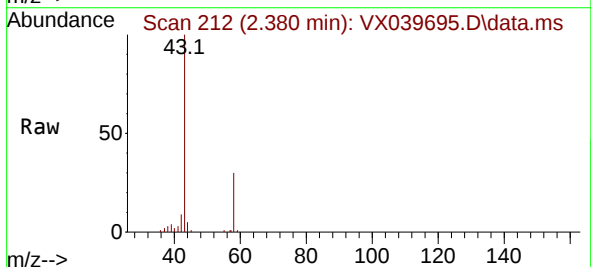
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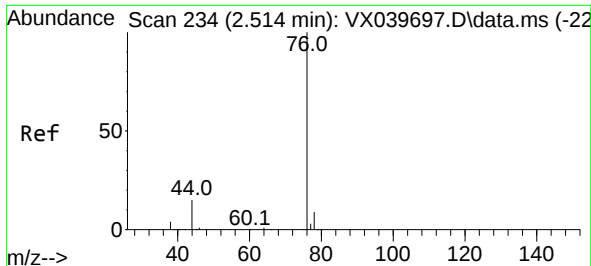
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#16
Acetone
Concen: 28.644 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Tgt Ion: 43 Resp: 27187
Ion Ratio Lower Upper
43 100
58 30.5 21.9 32.9





#17

Carbon Disulfide

Concen: 4.974 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 1733

Ion Ratio Lower Upper

76 100

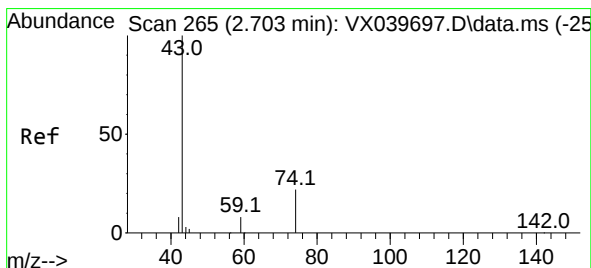
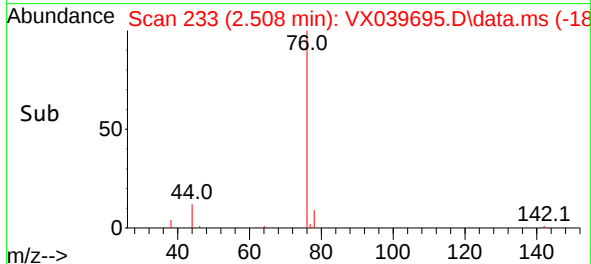
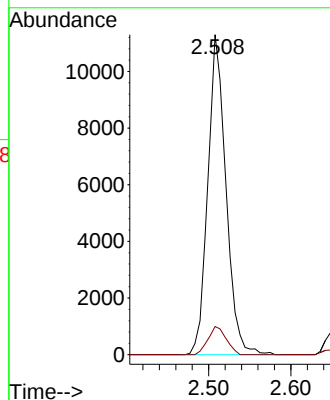
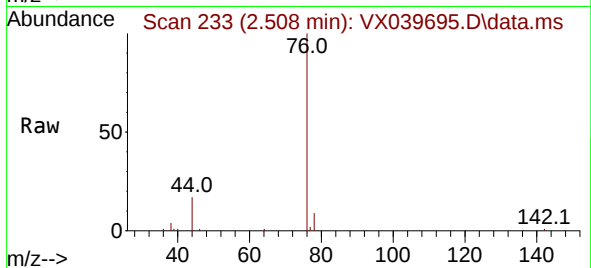
78 8.8 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#18

Methyl Acetate

Concen: 5.355 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX039695.D

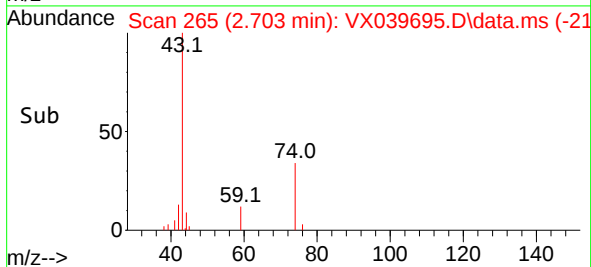
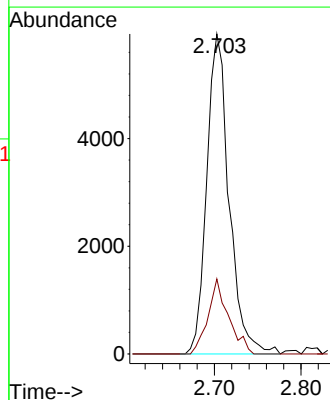
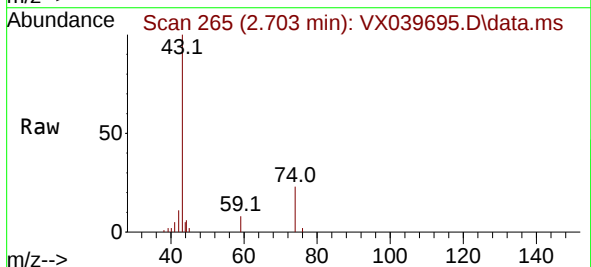
Acq: 10 Jan 2024 11:13

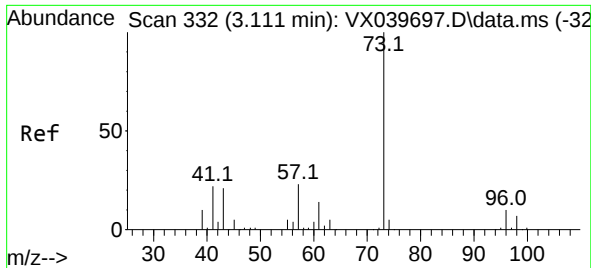
Tgt Ion: 43 Resp: 10634

Ion Ratio Lower Upper

43 100

74 21.6 17.8 26.8





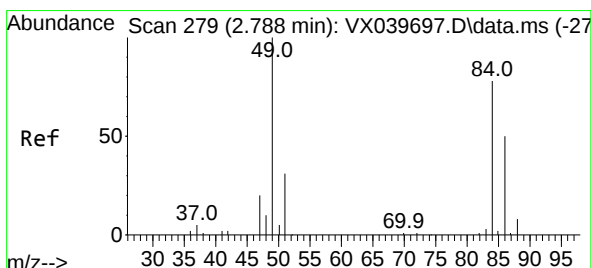
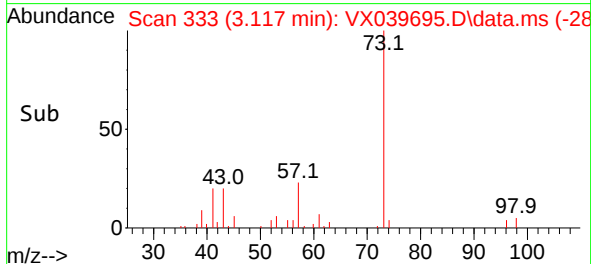
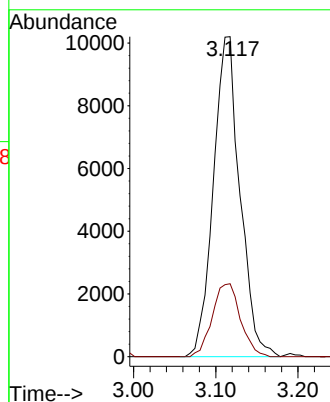
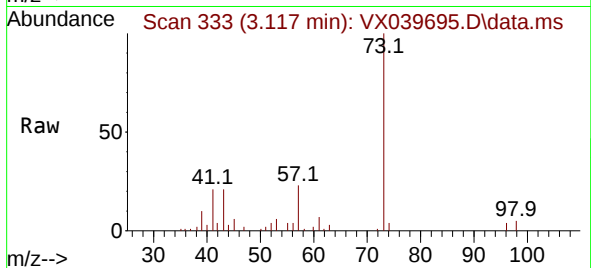
#19
Methyl tert-butyl Ether
Concen: 5.326 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 22929
Ion Ratio Lower Upper
73 100
57 22.8 17.3 25.9

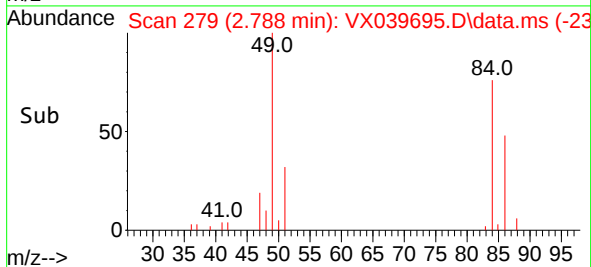
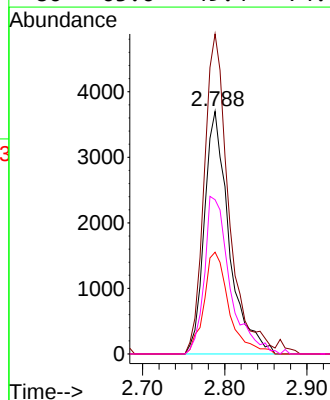
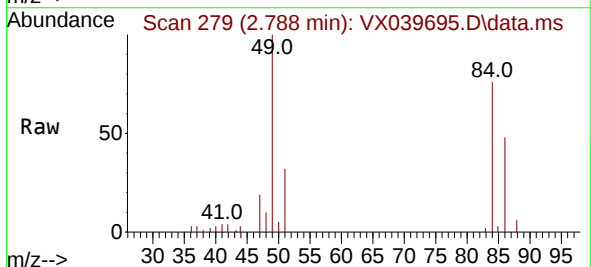
Manual Integrations
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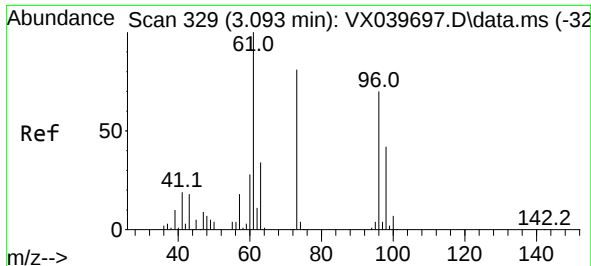
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#20
Methylene Chloride
Concen: 5.378 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

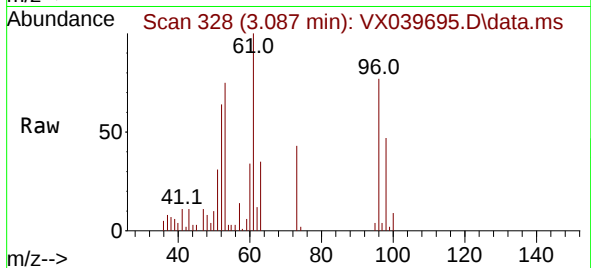
Tgt Ion: 84 Resp: 7721
Ion Ratio Lower Upper
84 100
49 131.9 103.6 155.4
51 41.9 33.8 50.6
86 63.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 5.291 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

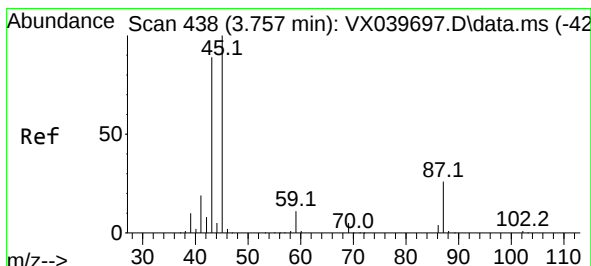
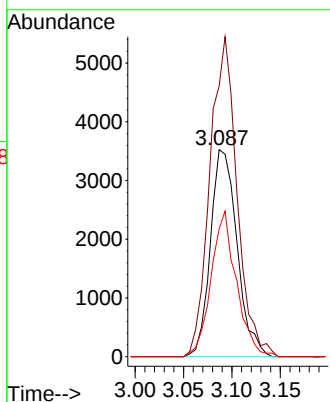
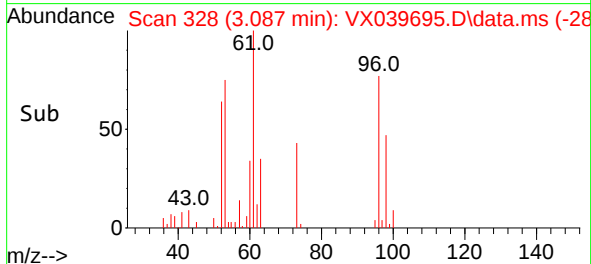
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 675
Ion Ratio Lower Upper
96 100
61 130.7 119.2 178.8
98 61.7 48.7 73.1

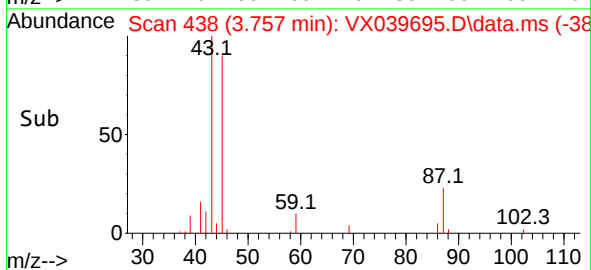
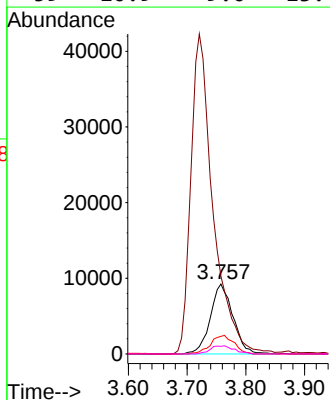
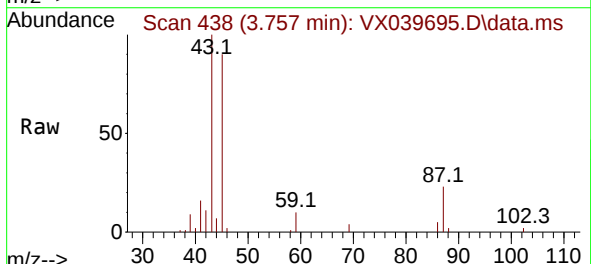
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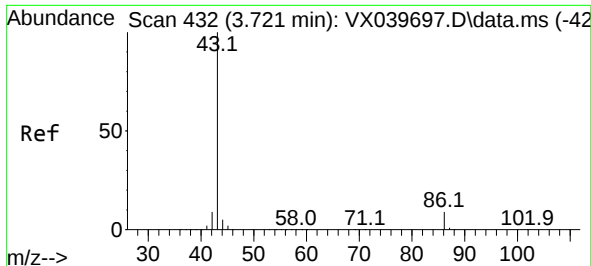
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#22
Diisopropyl ether
Concen: 5.438 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Tgt Ion: 45 Resp: 24766
Ion Ratio Lower Upper
45 100
43 108.7 69.7 104.5#
87 25.2 20.8 31.2
59 10.9 9.0 13.4





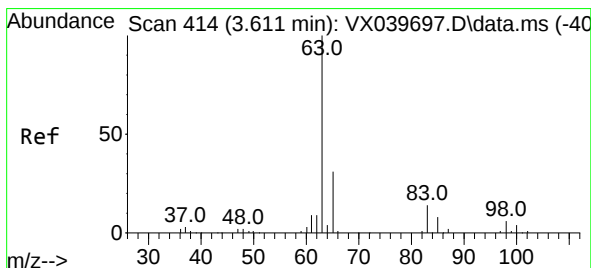
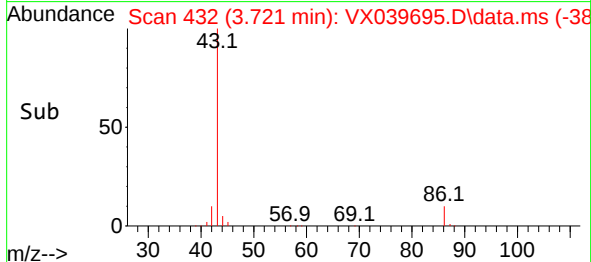
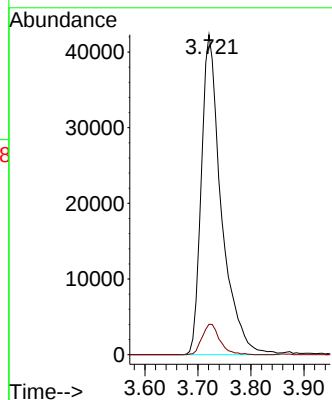
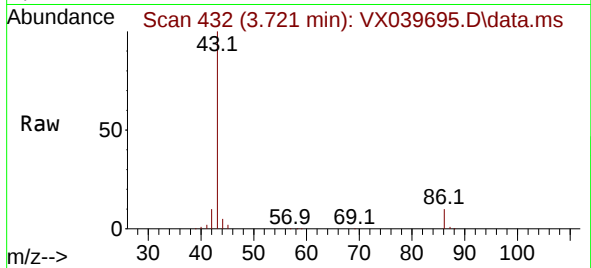
#23
 Vinyl Acetate
 Concen: 26.243 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX039695.D
 Acq: 10 Jan 2024 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 11110
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8

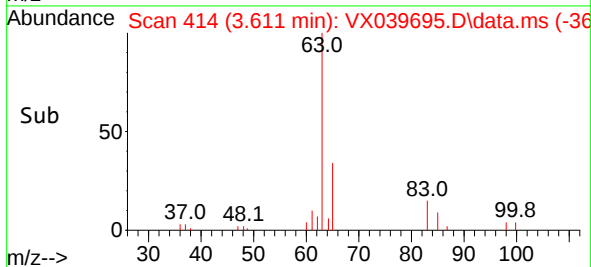
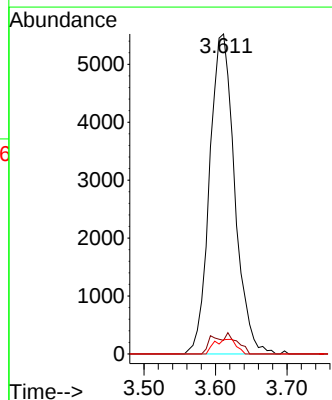
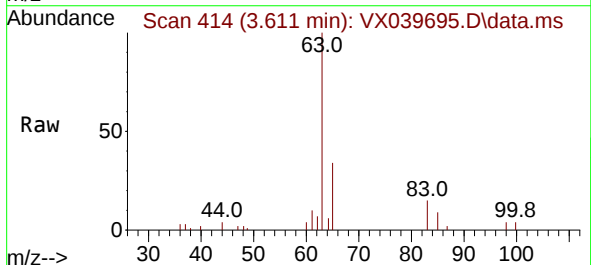
Manual Integrations
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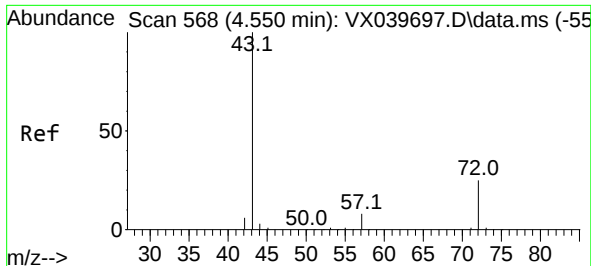
Reviewed By :John Carlone 01/11/2024
 Supervised By :Mahesh Dadoda 01/11/2024



#24
 1,1-Dichloroethane
 Concen: 5.363 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX039695.D
 Acq: 10 Jan 2024 11:13

Tgt Ion: 63 Resp: 13438
 Ion Ratio Lower Upper
 63 100
 98 4.3 3.3 9.8
 100 4.5 2.1 6.5





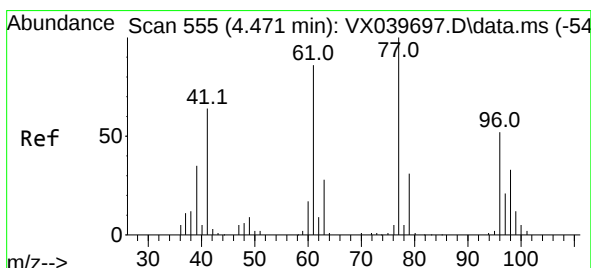
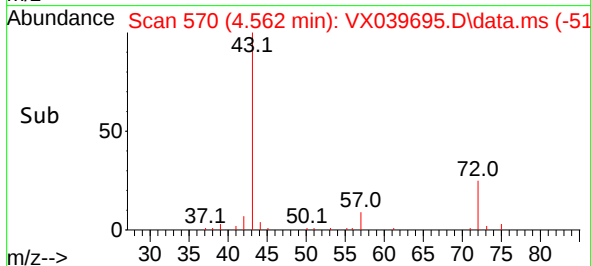
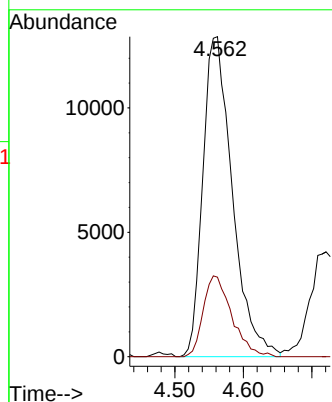
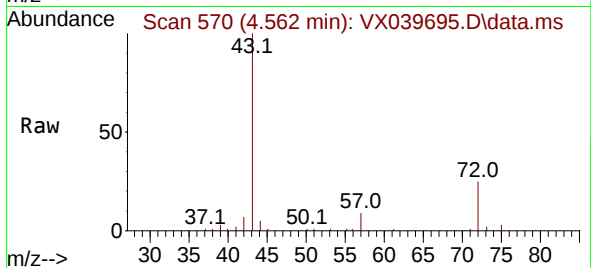
#25
2-Butanone
Concen: 28.257 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 3854
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2

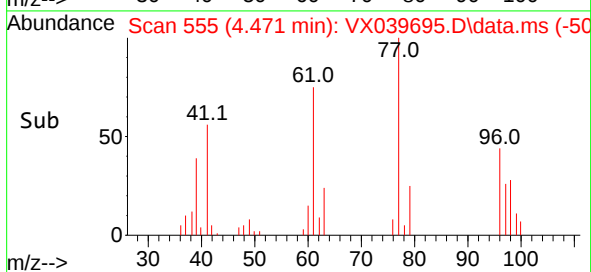
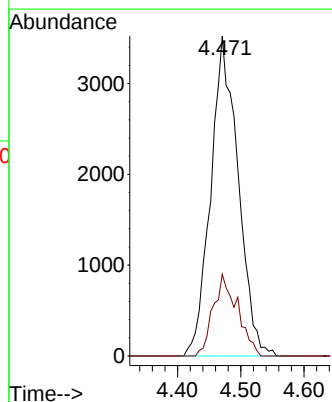
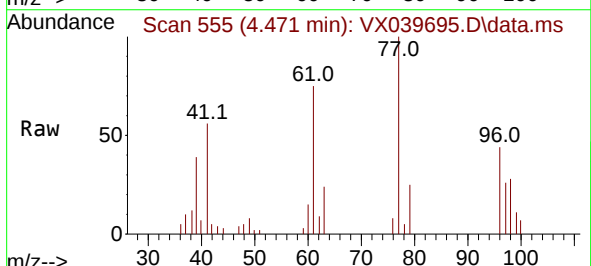
Manual Integrations
APPROVED

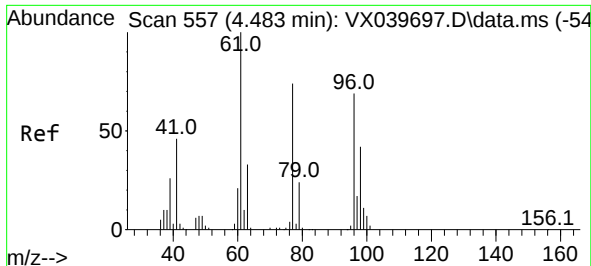
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#26
2,2-Dichloropropane
Concen: 5.269 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Tgt Ion: 77 Resp: 10595
Ion Ratio Lower Upper
77 100
97 22.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 5.252 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 768

Ion Ratio Lower Upper

96 100

61 151.3 0.0 312.2

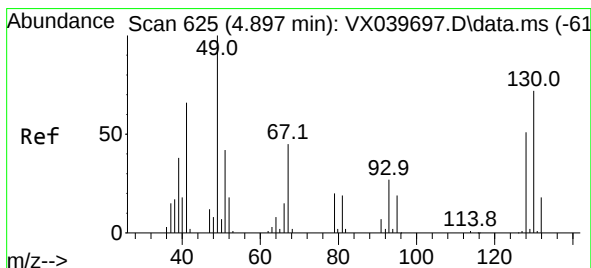
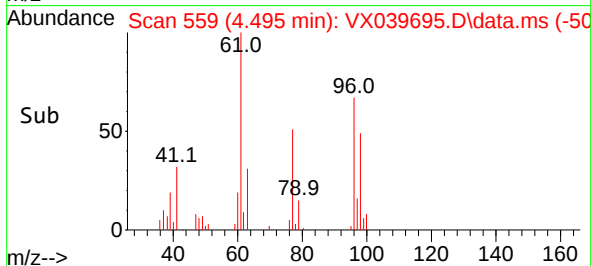
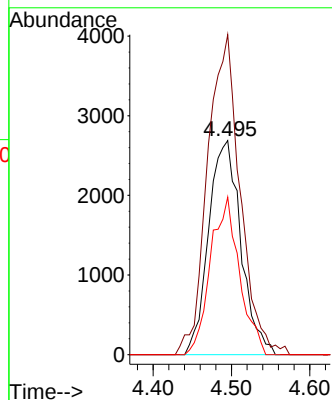
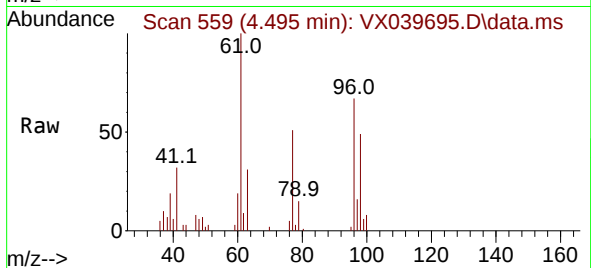
98 66.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#28

Bromochloromethane

Concen: 5.720 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

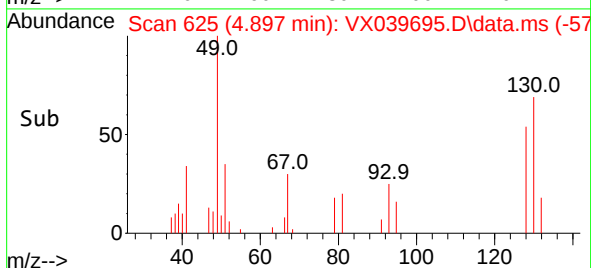
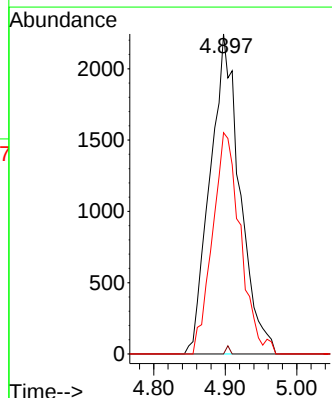
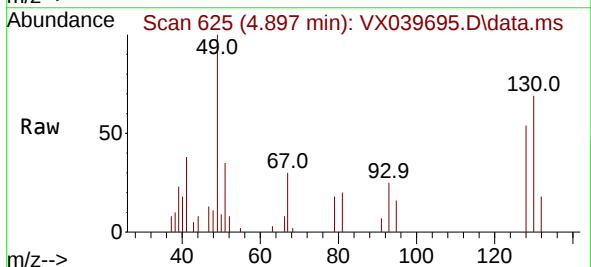
Tgt Ion: 49 Resp: 6496

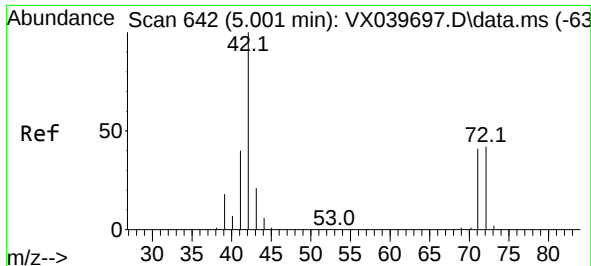
Ion Ratio Lower Upper

49 100

129 0.3 0.0 3.8

130 65.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 27.404 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

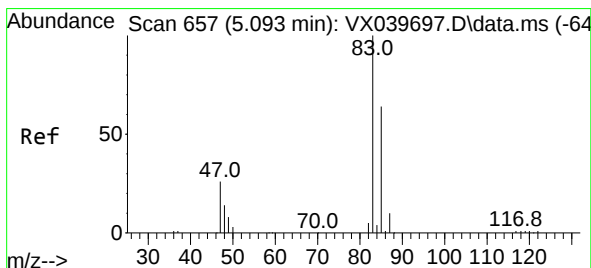
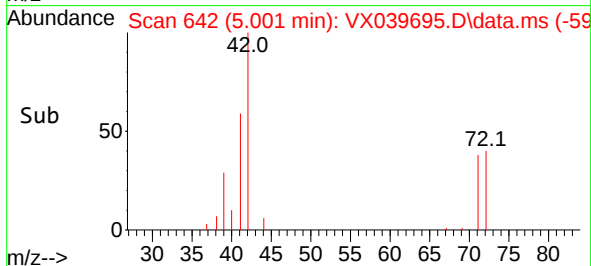
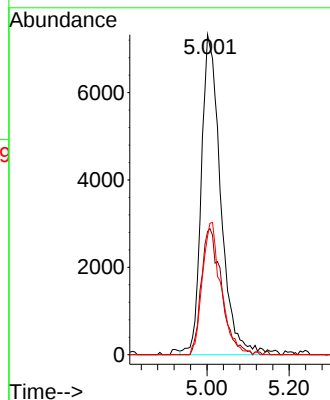
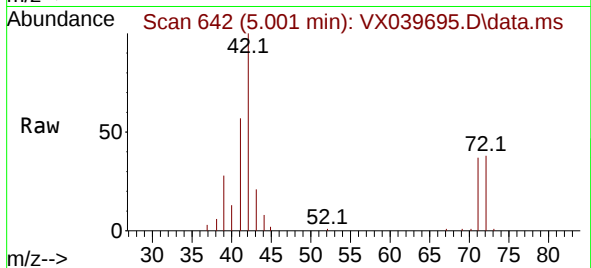
Tgt Ion:	42	Resp:	2405
Ion	Ratio	Lower	Upper
42	100		
72	40.7	34.2	51.4
71	39.9	32.2	48.2

Manual Integrations

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Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#30

Chloroform

Concen: 5.291 ug/l

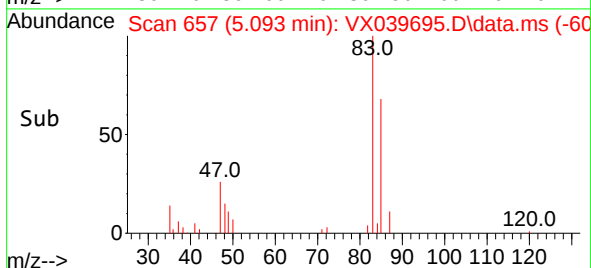
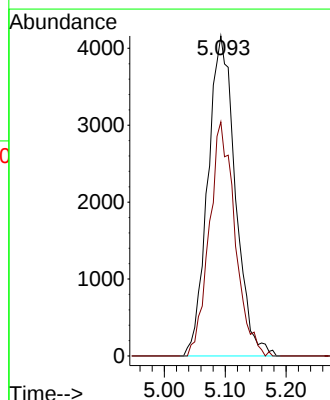
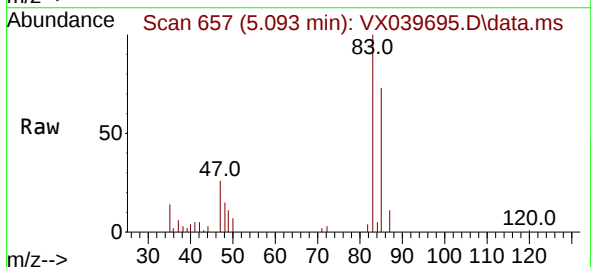
RT: 5.093 min Scan# 657

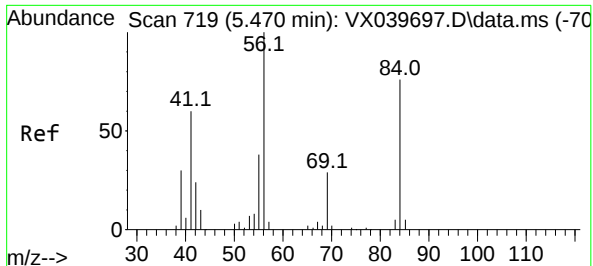
Delta R.T. 0.000 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

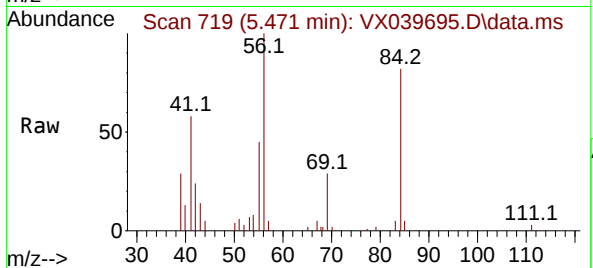
Tgt Ion:	83	Resp:	13086
Ion	Ratio	Lower	Upper
83	100		
85	73.2	50.3	75.5





#31
Cyclohexane
Concen: 5.197 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

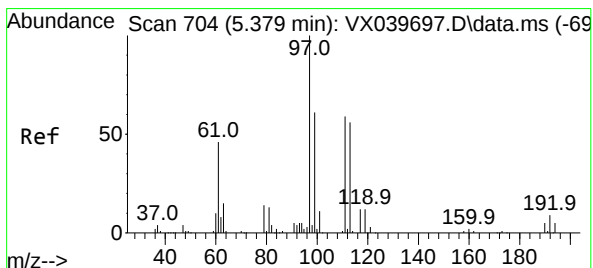
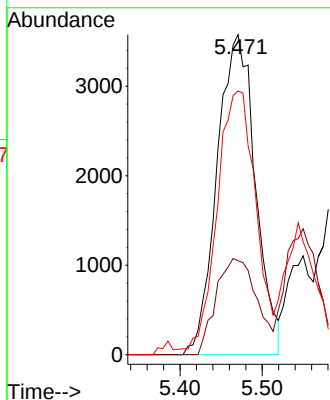
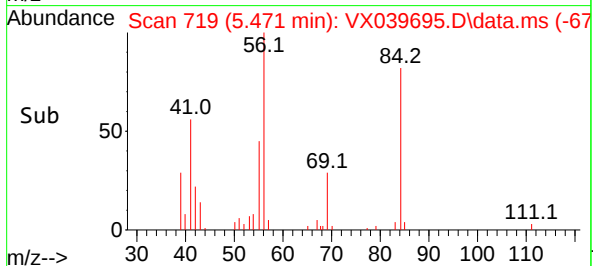
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



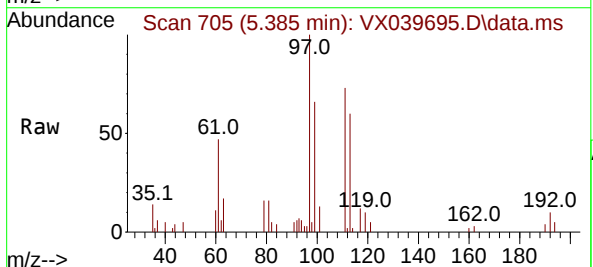
Tgt Ion: 56 Resp: 11570
Ion Ratio Lower Upper
56 100
69 29.4 23.4 35.2
84 80.7 65.9 98.9

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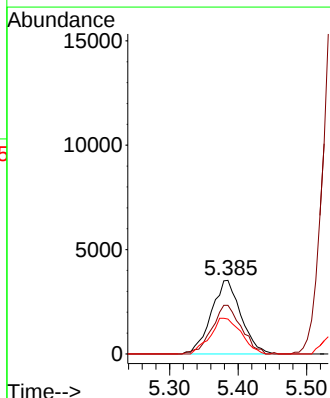
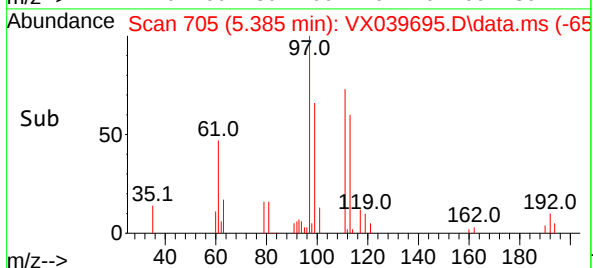
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

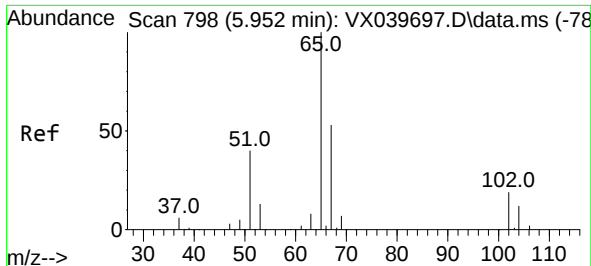


#32
1,1,1-Trichloroethane
Concen: 5.002 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13



Tgt Ion: 97 Resp: 10593
Ion Ratio Lower Upper
97 100
99 65.4 51.1 76.7
61 50.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 5.829 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 983

Ion Ratio Lower Upper

65 100

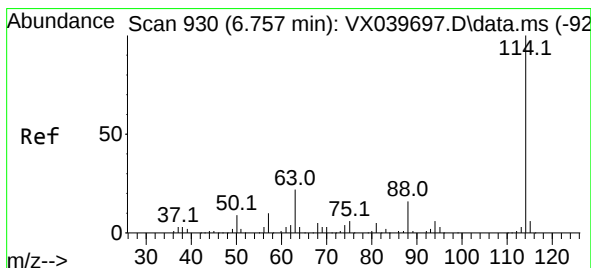
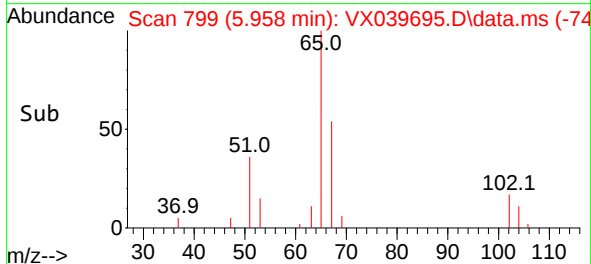
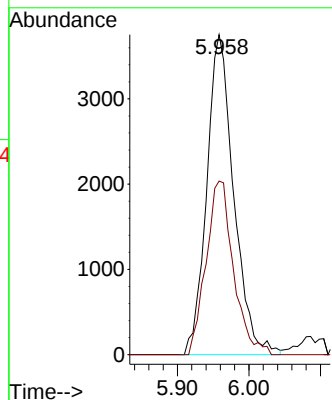
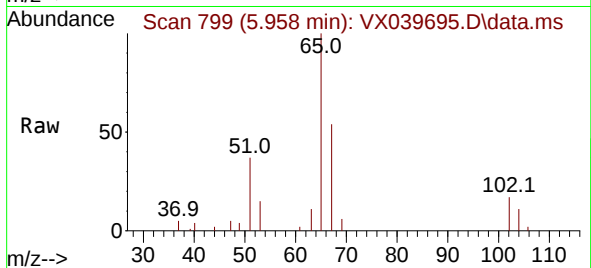
67 55.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

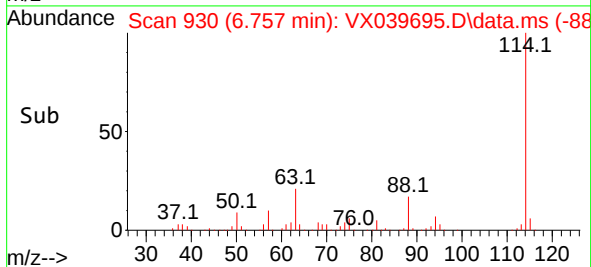
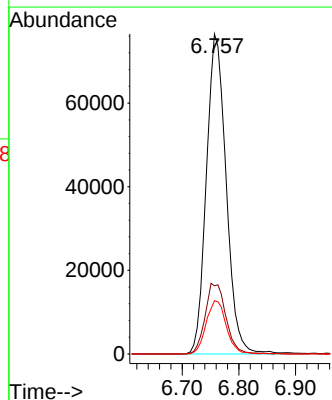
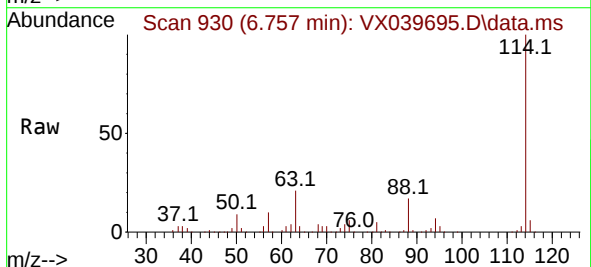
Tgt Ion:114 Resp: 185418

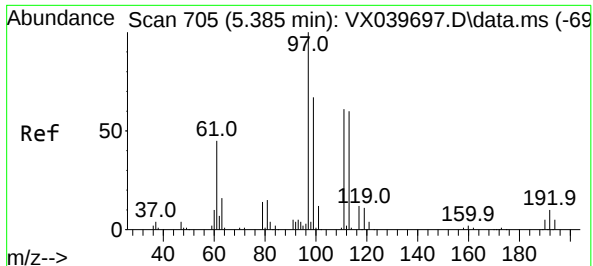
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

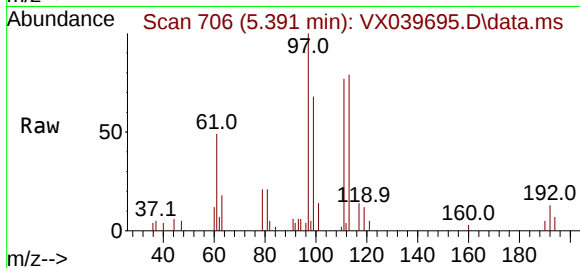
88 16.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 5.610 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

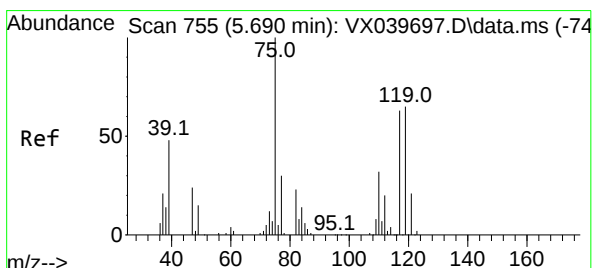
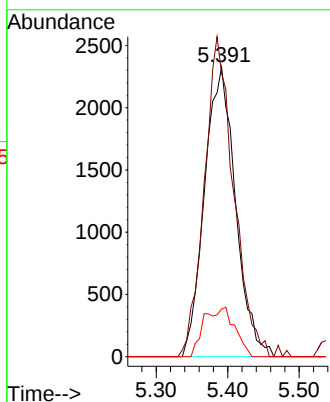
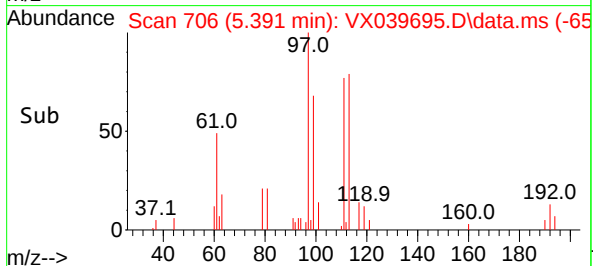
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 7000
Ion Ratio Lower Upper
113 100
111 104.5 82.9 124.3
192 0.0 13.3 19.9

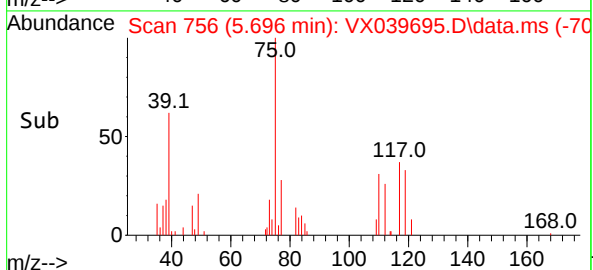
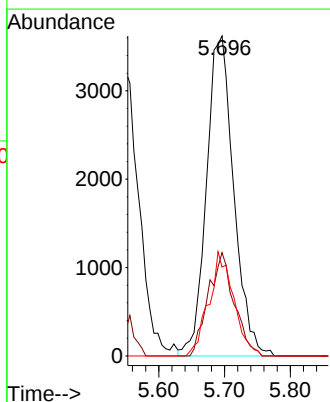
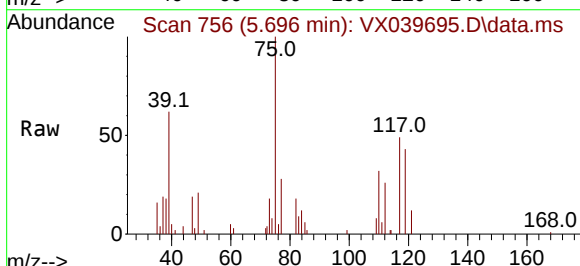
Manual Integrations
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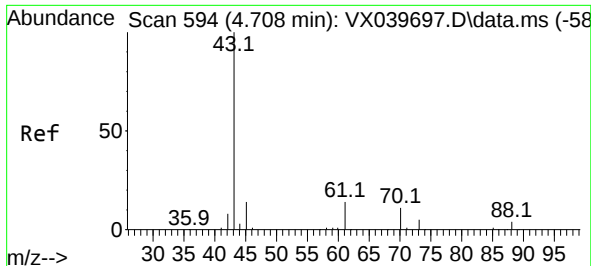
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#36
1,1-Dichloropropene
Concen: 5.375 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Tgt Ion: 75 Resp: 10449
Ion Ratio Lower Upper
75 100
110 30.7 17.0 50.9
77 29.7 24.7 37.1





#37

Ethyl Acetate

Concen: 5.206 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.012 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 1350

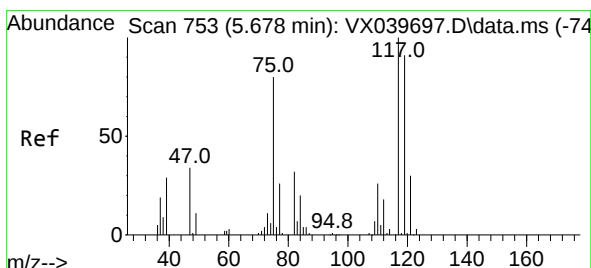
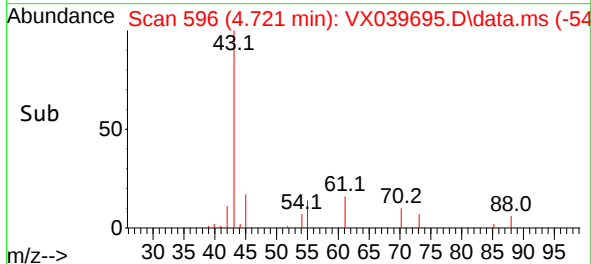
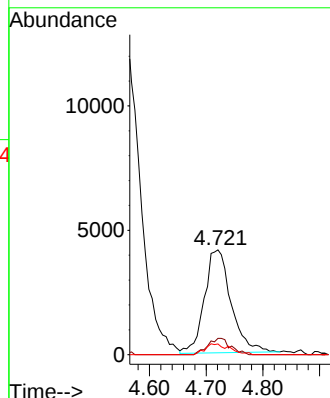
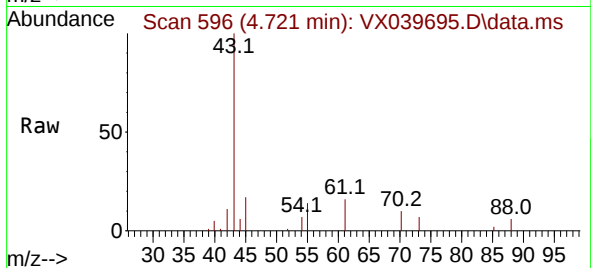
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.6	16.0
70	9.7	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#38

Carbon Tetrachloride

Concen: 4.934 ug/l

RT: 5.678 min Scan# 753

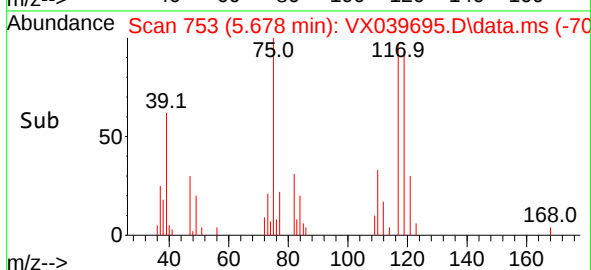
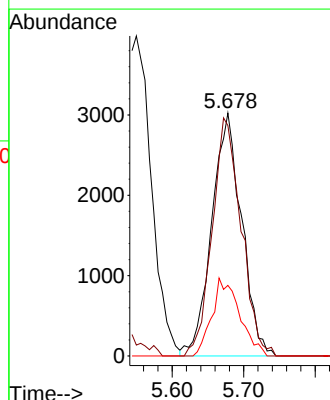
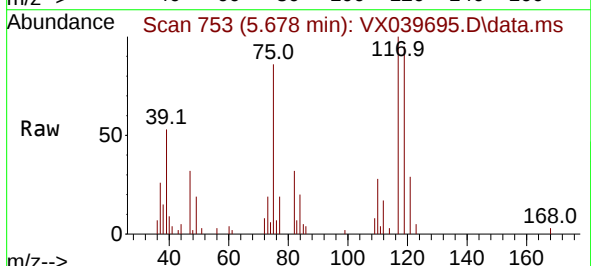
Delta R.T. 0.000 min

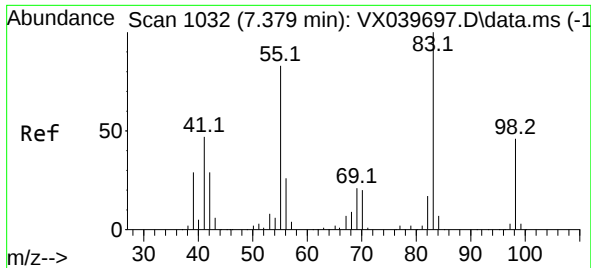
Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Tgt Ion:117 Resp: 8785

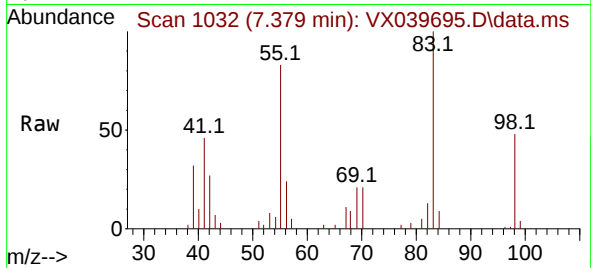
Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.2	117.2
121	29.1	24.4	36.6





#39
Methylcyclohexane
Concen: 5.195 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

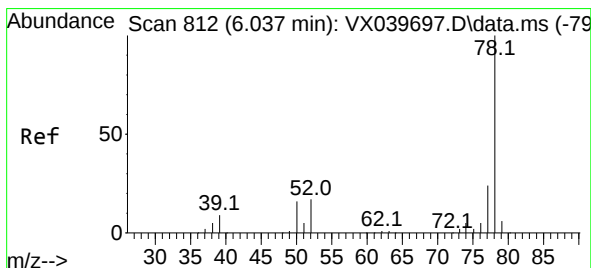
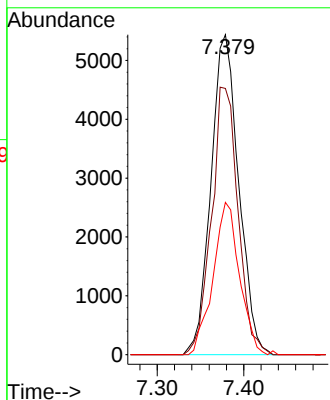
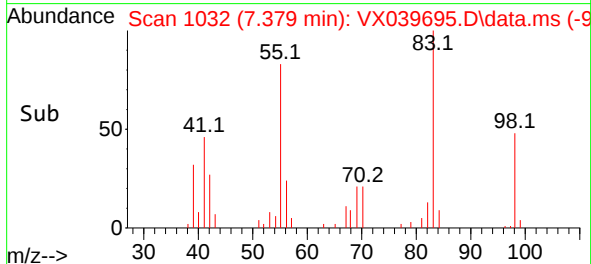
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 12120
Ion Ratio Lower Upper
83 100
55 83.2 64.6 97.0
98 47.6 36.7 55.1

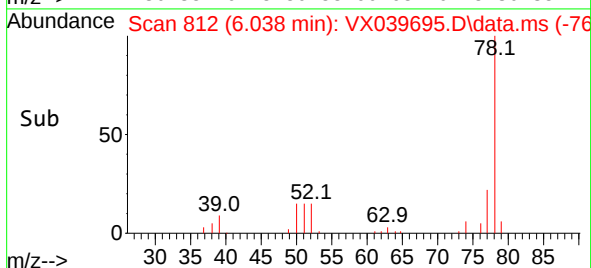
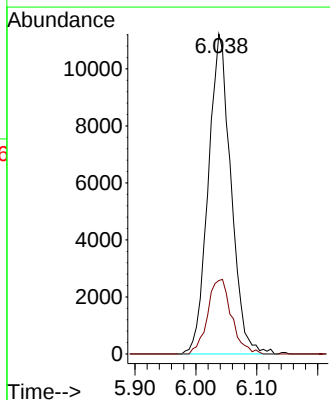
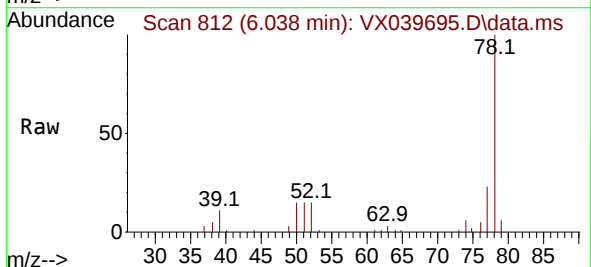
Manual Integrations
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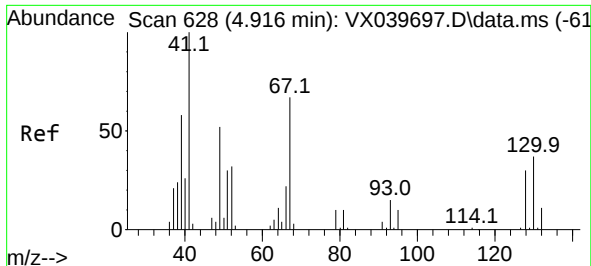
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#40
Benzene
Concen: 5.282 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Tgt Ion: 78 Resp: 29072
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9





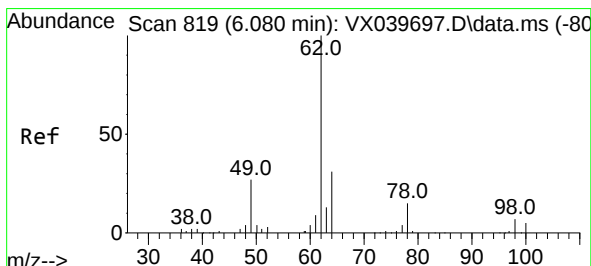
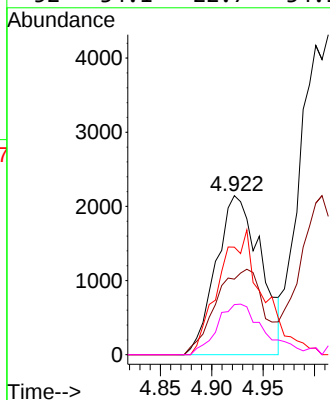
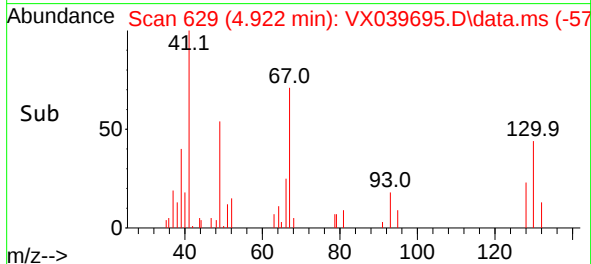
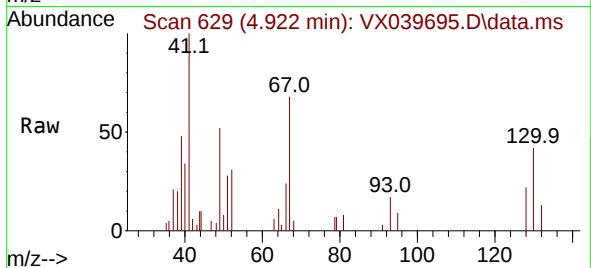
#41
Methacrylonitrile
Concen: 5.135 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 651
Ion Ratio Lower Upper
41 100
39 55.5 45.2 67.8
67 77.7 52.6 78.8
52 34.1 22.7 34.1#

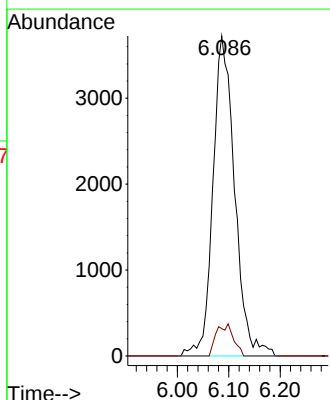
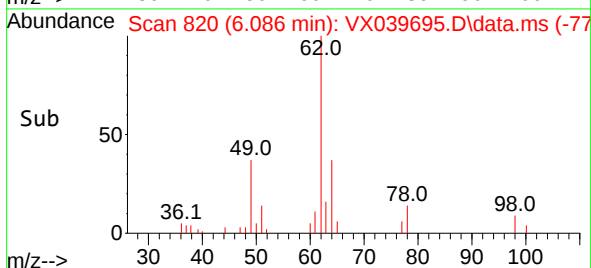
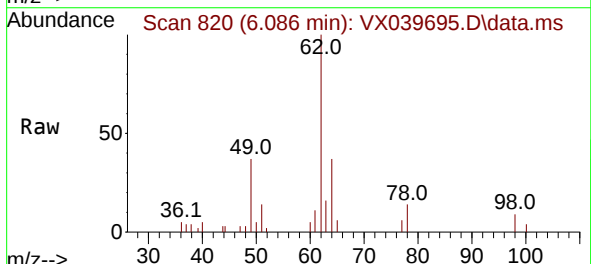
Manual Integrations
APPROVED

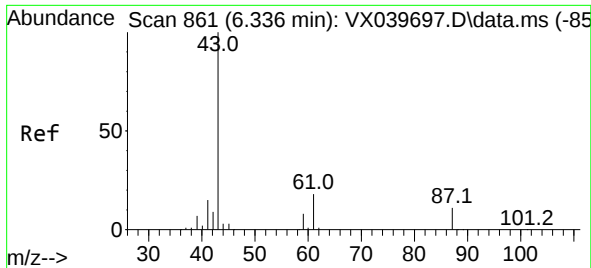
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#42
1,2-Dichloroethane
Concen: 5.225 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

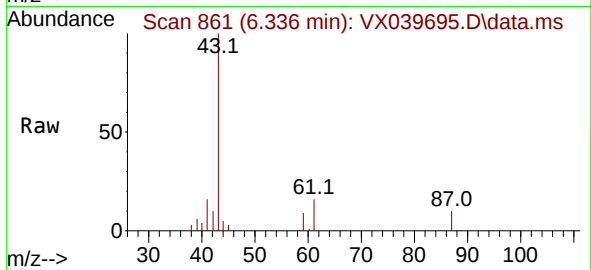
Tgt Ion: 62 Resp: 10934
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.0





#43
Isopropyl Acetate
Concen: 5.209 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

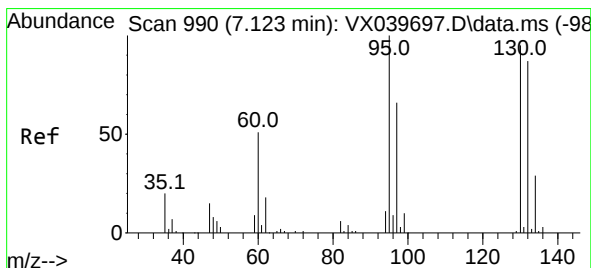
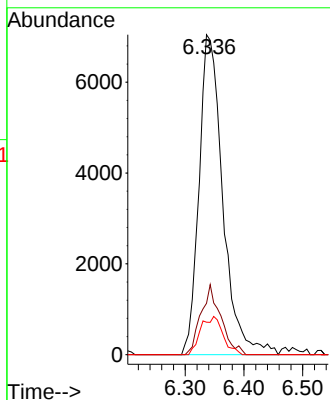
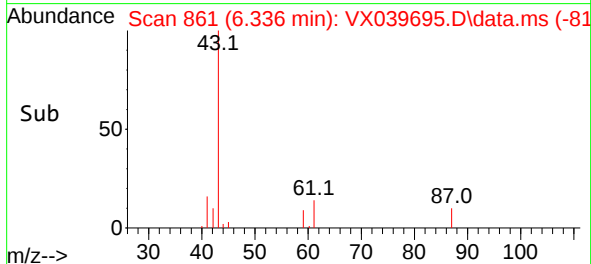
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



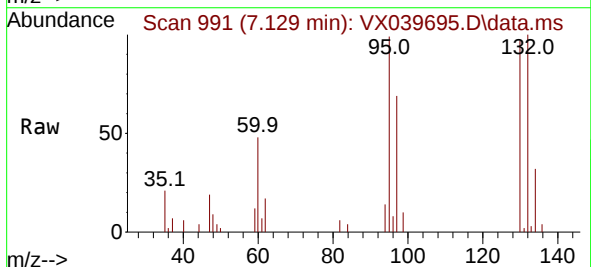
Tgt Ion: 43 Resp: 19810
Ion Ratio Lower Upper
43 100
61 18.4 15.2 22.8
87 11.2 9.8 14.6

Manual Integrations
APPROVED

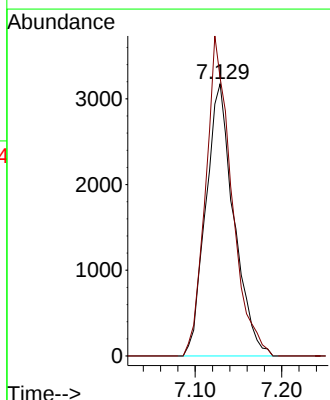
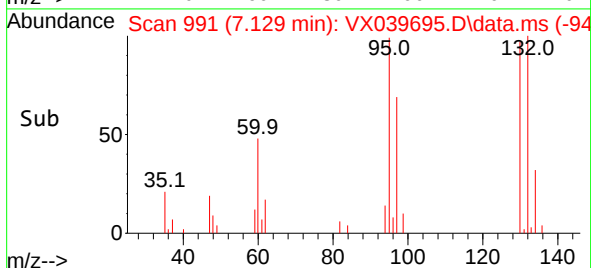
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

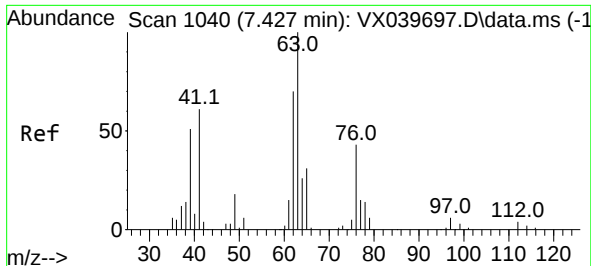


#44
Trichloroethene
Concen: 5.293 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13



Tgt Ion:130 Resp: 7140
Ion Ratio Lower Upper
130 100
95 102.2 0.0 204.4





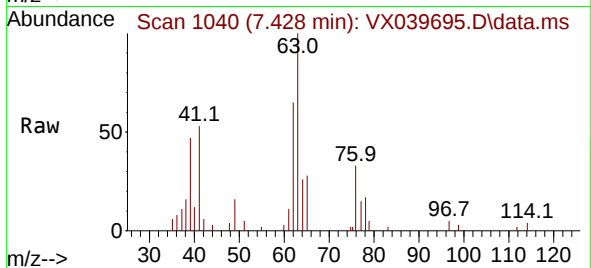
#45
1,2-Dichloropropane
Concen: 5.494 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



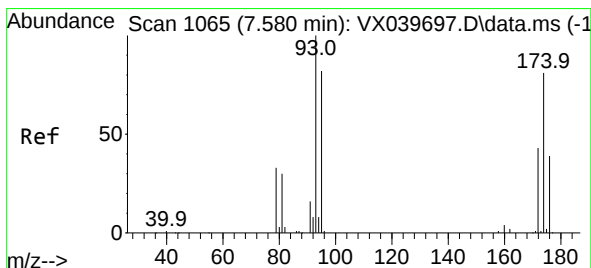
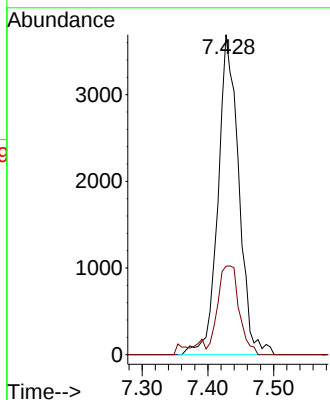
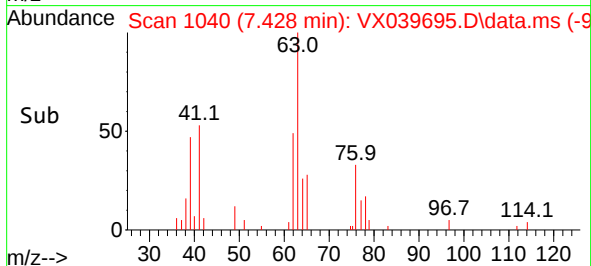
Tgt Ion: 63 Resp: 811
Ion Ratio Lower Upper
63 100
65 27.6 24.3 36.5

Manual Integrations

APPROVED

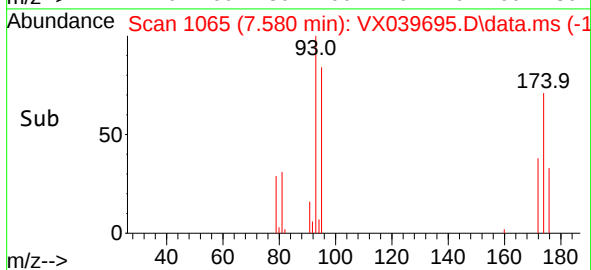
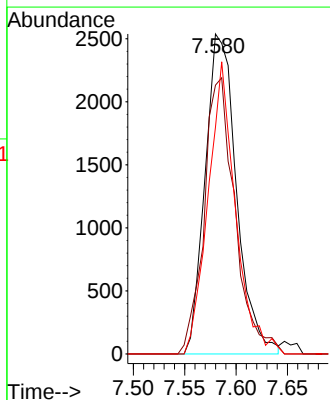
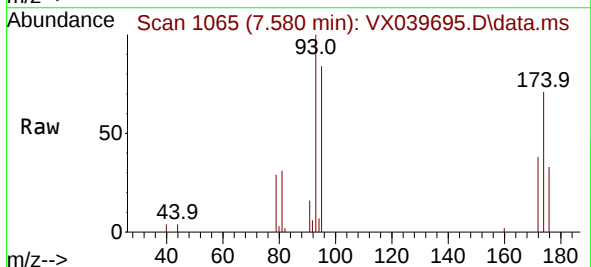
Reviewed By :John Carlone 01/11/2024

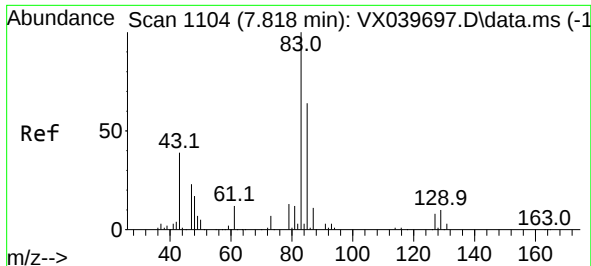
Supervised By :Mahesh Dadoda 01/11/2024



#46
Dibromomethane
Concen: 5.280 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Tgt Ion: 93 Resp: 5385
Ion Ratio Lower Upper
93 100
95 85.1 66.6 100.0
174 79.8 69.4 104.0





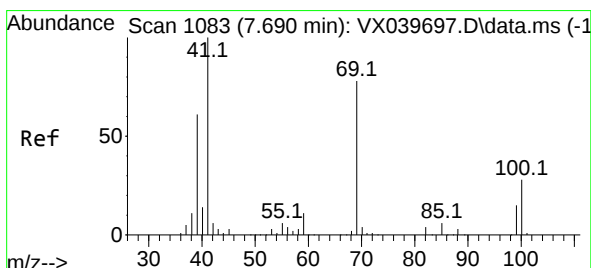
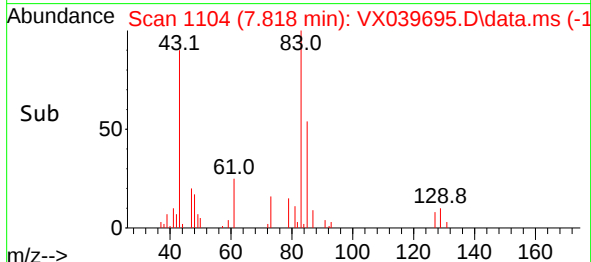
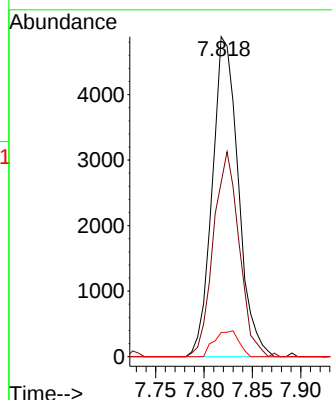
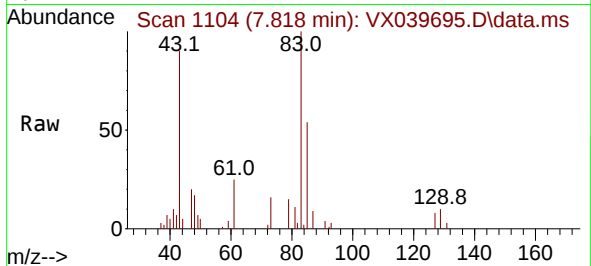
#47
Bromodichloromethane
Concen: 4.840 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 914
Ion Ratio Lower Upper
83 100
85 54.4 49.8 74.6
127 7.5 7.1 10.7

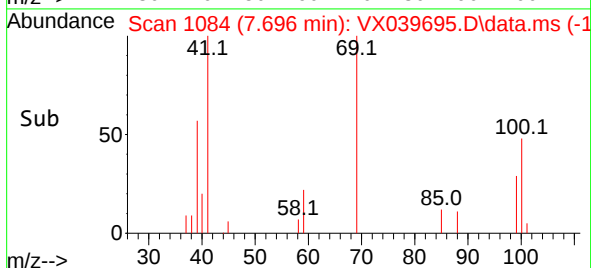
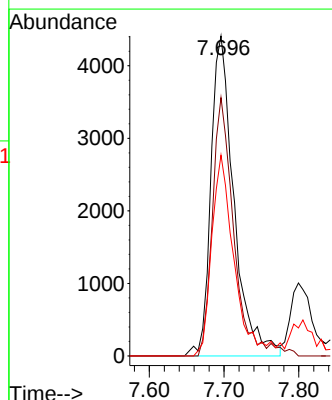
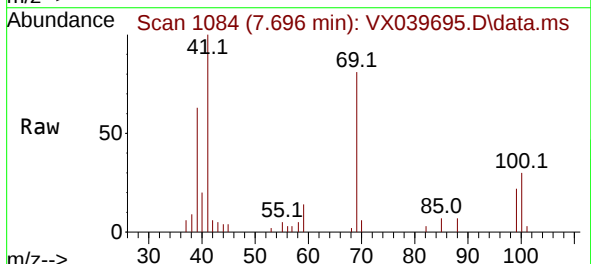
Manual Integrations
APPROVED

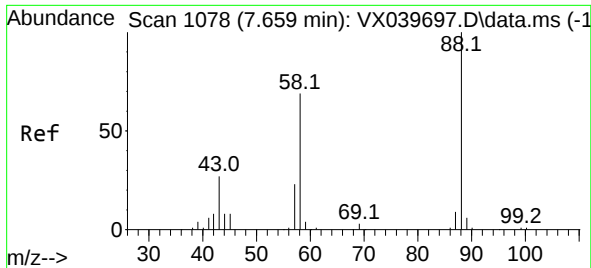
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#48
Methyl methacrylate
Concen: 5.062 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

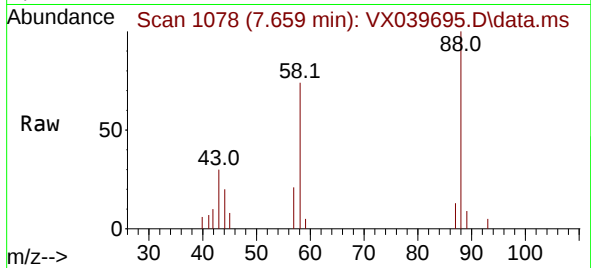
Tgt Ion: 41 Resp: 9466
Ion Ratio Lower Upper
41 100
69 75.3 59.2 88.8
39 59.7 47.7 71.5





#49
1,4-Dioxane
Concen: 107.150 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

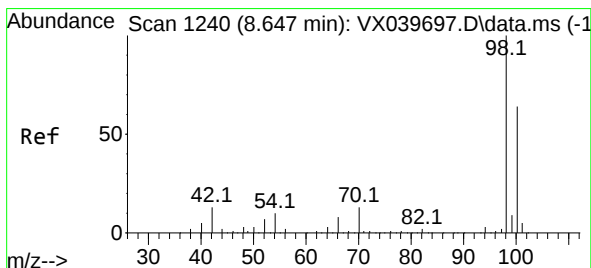
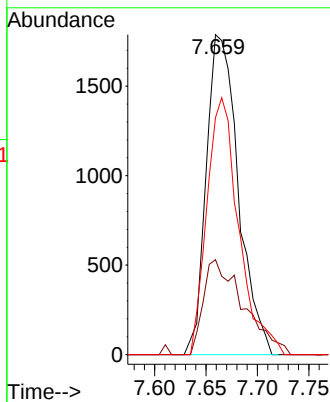
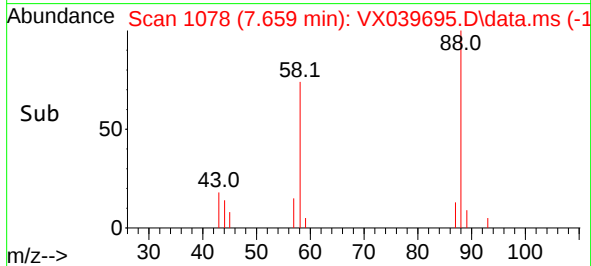
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 88 Resp: 387
Ion Ratio Lower Upper
88 100
43 37.2 0.0 0.0
58 79.9 60.1 90.1

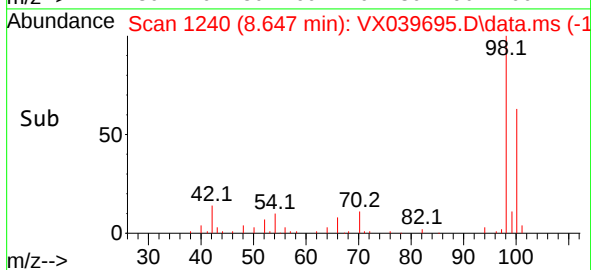
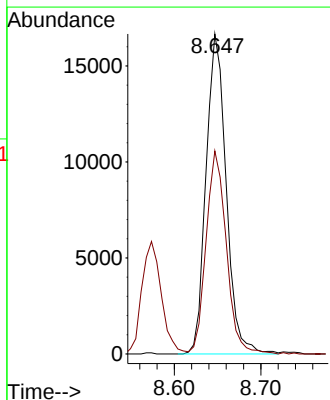
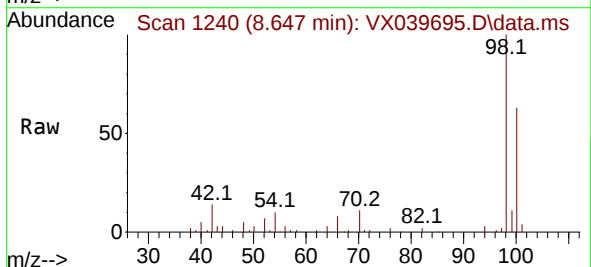
Manual Integrations
APPROVED

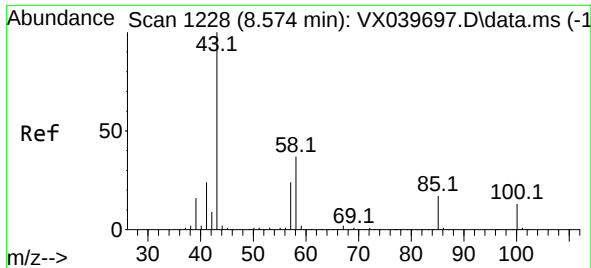
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#50
Toluene-d8
Concen: 5.719 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Tgt Ion: 98 Resp: 26939
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7





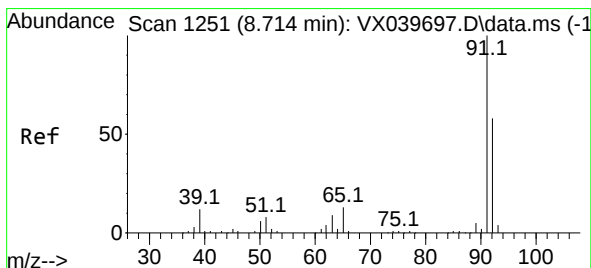
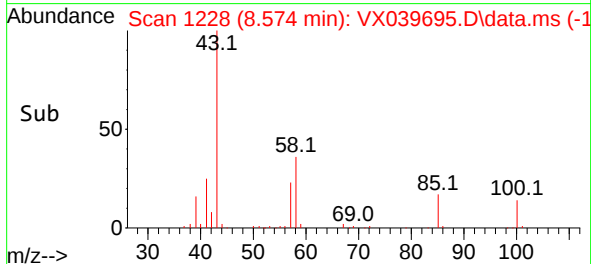
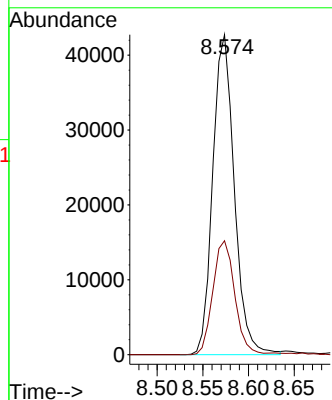
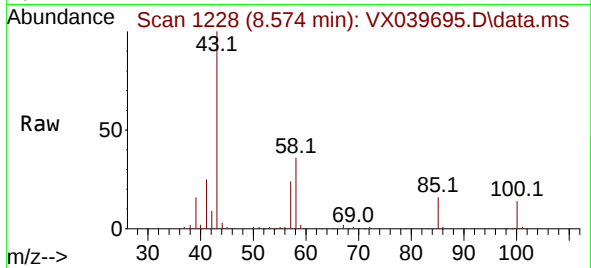
#51
4-Methyl-2-Pentanone
Concen: 26.744 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 7007
Ion Ratio Lower Upper
43 100
58 36.2 30.4 45.6

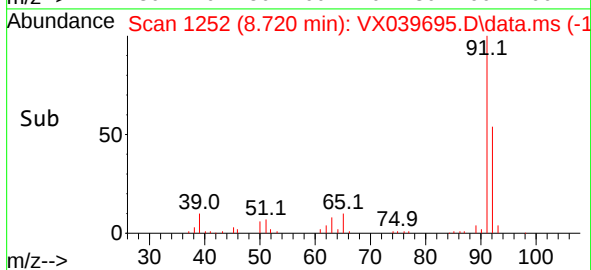
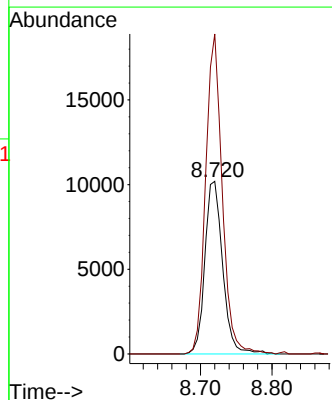
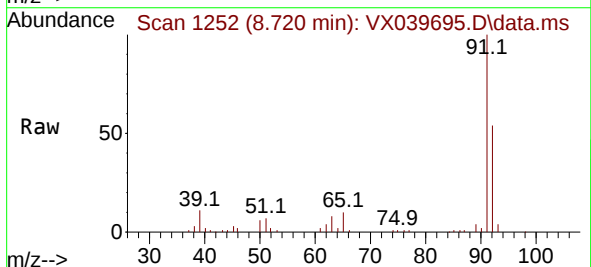
Manual Integrations
APPROVED

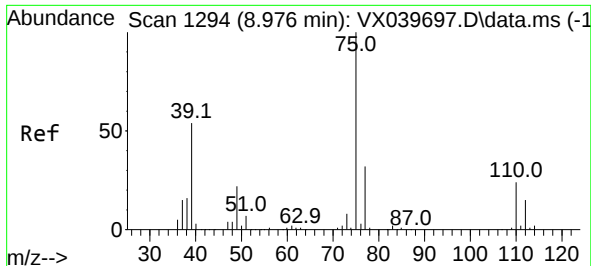
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#52
Toluene
Concen: 5.353 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Tgt Ion: 92 Resp: 17599
Ion Ratio Lower Upper
92 100
91 172.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 4.875 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 9772

Ion Ratio Lower Upper

75 100

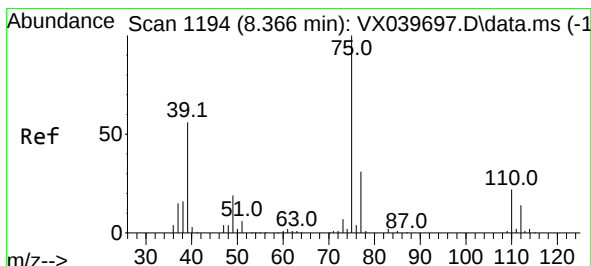
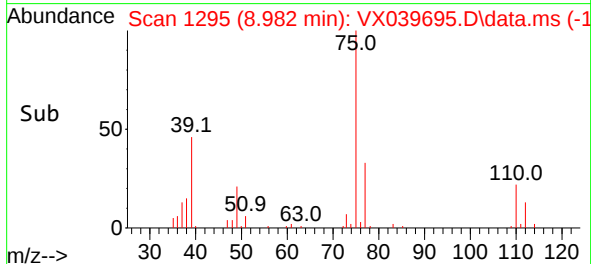
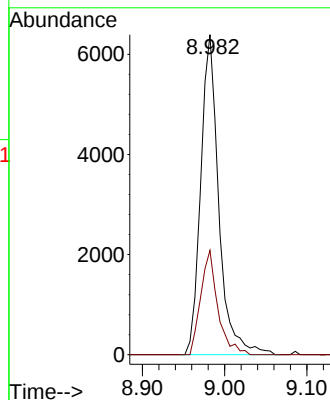
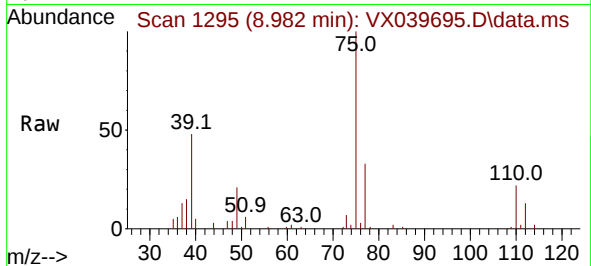
77 32.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#54

cis-1,3-Dichloropropene

Concen: 4.697 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

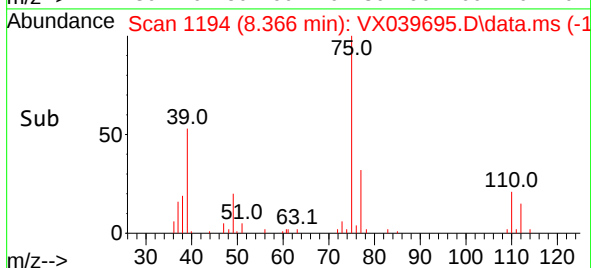
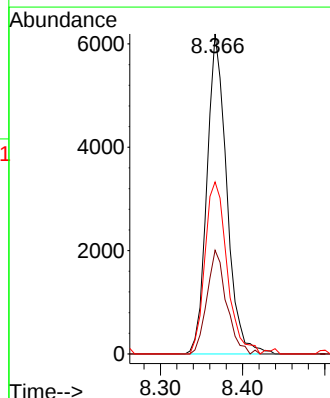
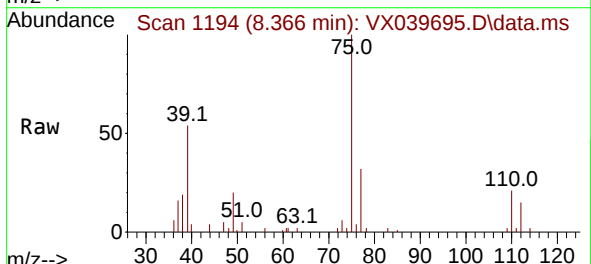
Tgt Ion: 75 Resp: 10352

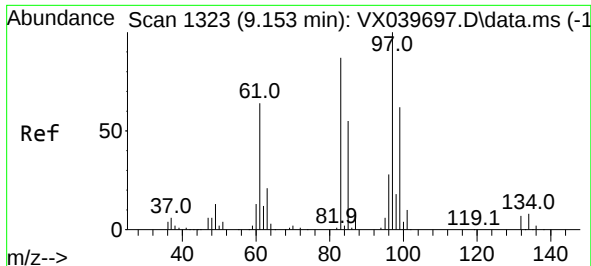
Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9

39 53.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 5.201 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

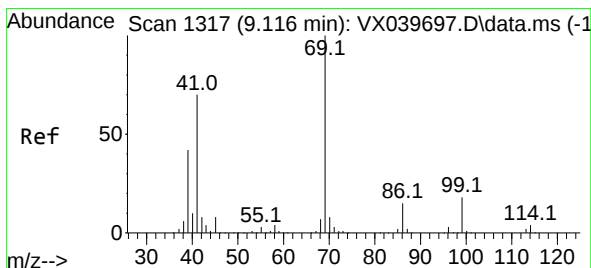
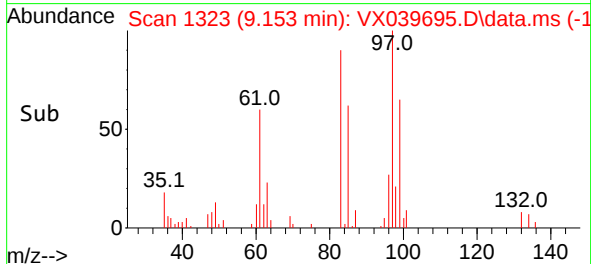
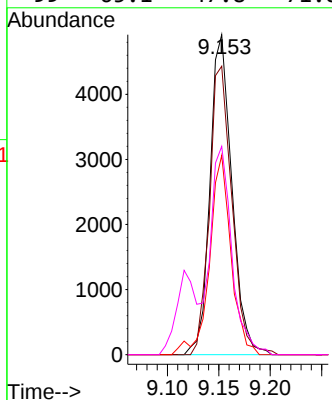
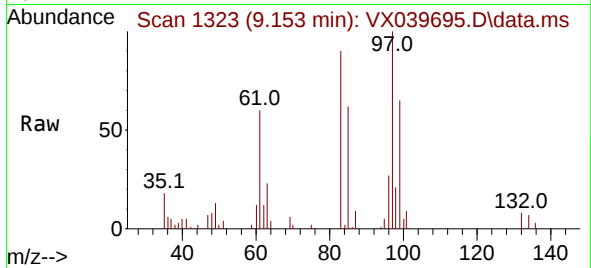
Tgt Ion: 97 Resp: 728
Ion Ratio Lower Upper
97 100
83 90.2 65.8 98.8
85 62.2 41.6 62.4
99 65.1 47.8 71.8

Manual Integrations

APPROVED

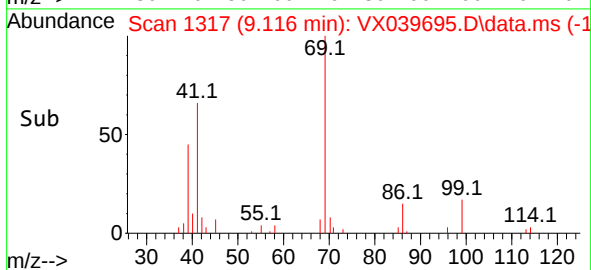
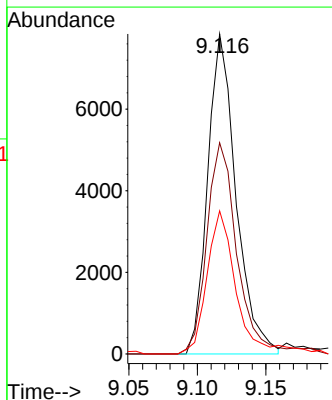
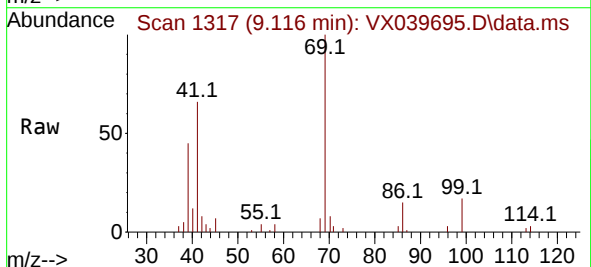
Reviewed By :John Carlone 01/11/2024

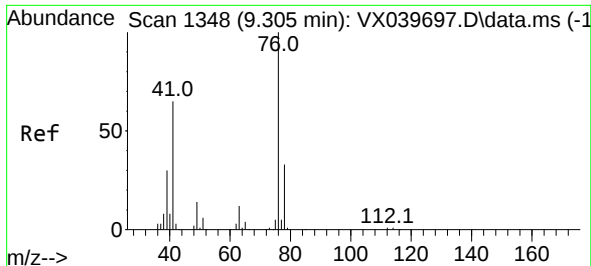
Supervised By :Mahesh Dadoda 01/11/2024



#56
Ethyl methacrylate
Concen: 4.972 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Tgt Ion: 69 Resp: 11265
Ion Ratio Lower Upper
69 100
41 69.8 56.8 85.2
39 46.6 32.0 48.0





#57

1,3-Dichloropropane

Concen: 5.403 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 1281

Ion Ratio Lower Upper

76 100

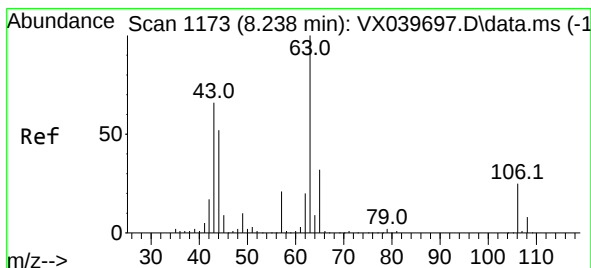
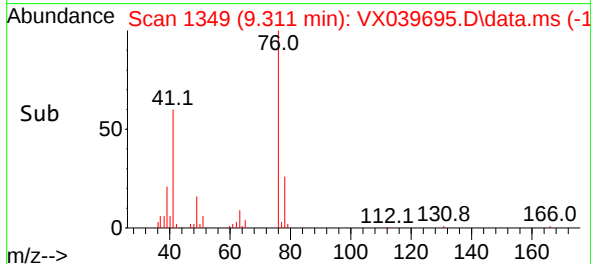
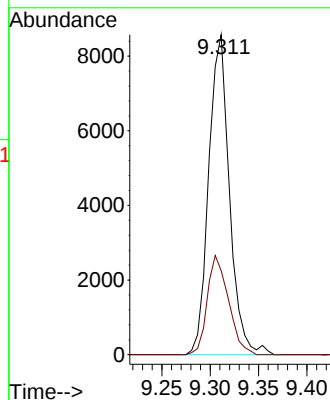
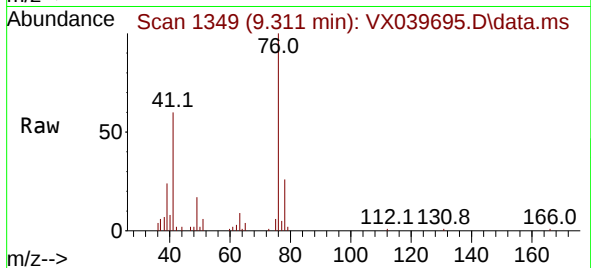
78 31.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#58

2-Chloroethyl Vinyl ether

Concen: 25.759 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039695.D

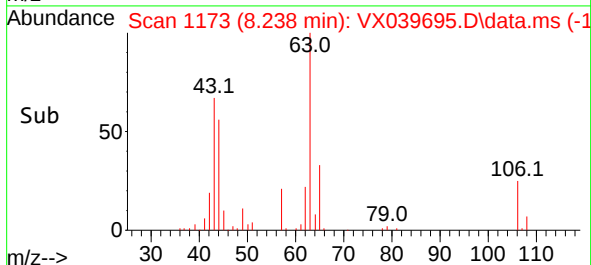
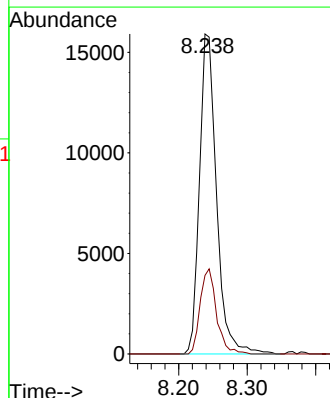
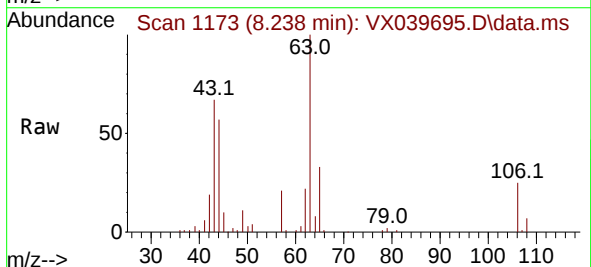
Acq: 10 Jan 2024 11:13

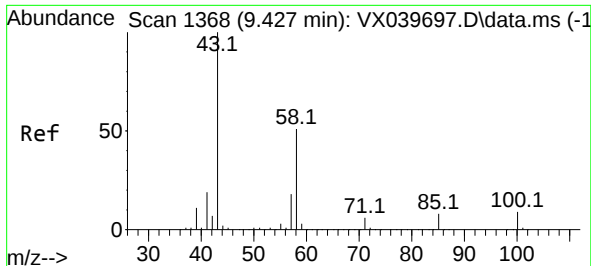
Tgt Ion: 63 Resp: 27584

Ion Ratio Lower Upper

63 100

106 25.5 22.5 33.7





#59

2-Hexanone

Concen: 26.389 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 5472

Ion Ratio Lower Upper

43 100

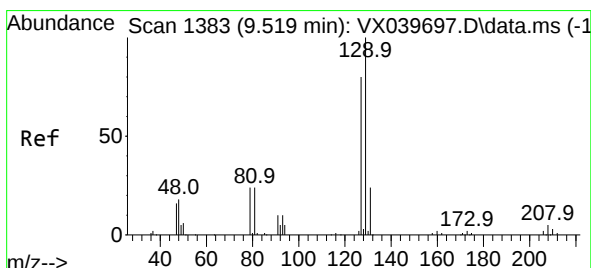
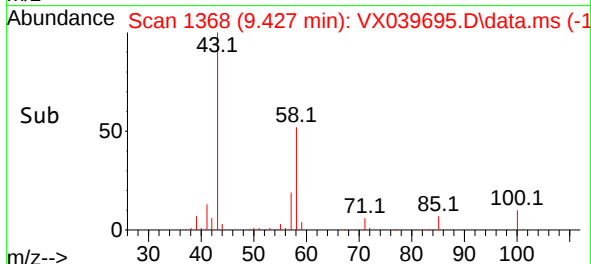
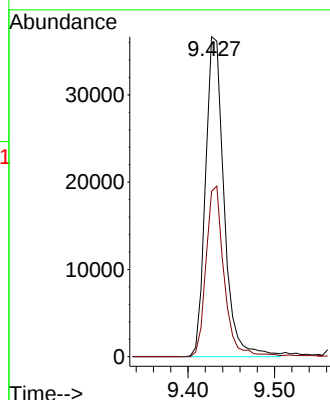
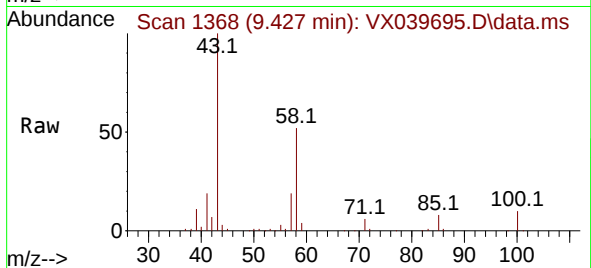
58 51.8 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#60

Dibromochloromethane

Concen: 4.755 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039695.D

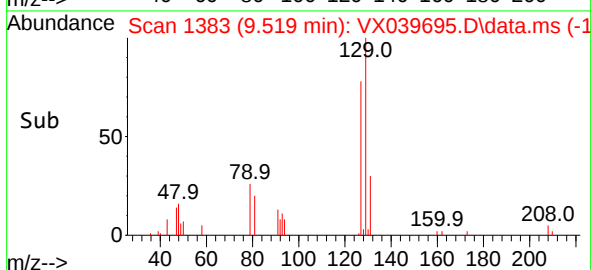
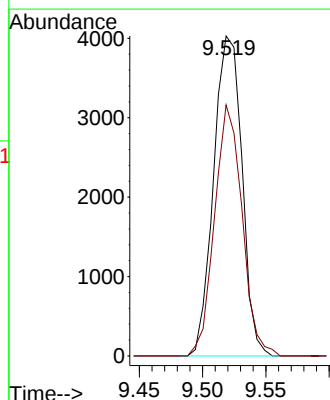
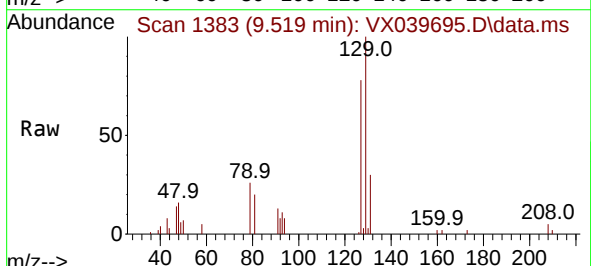
Acq: 10 Jan 2024 11:13

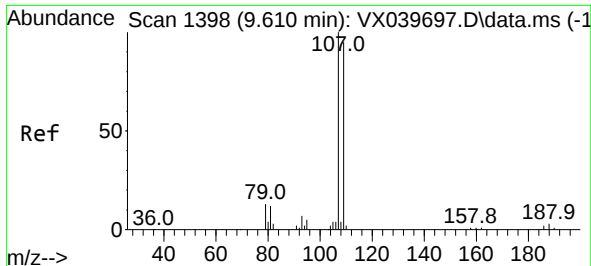
Tgt Ion:129 Resp: 6277

Ion Ratio Lower Upper

129 100

127 76.2 38.8 116.4





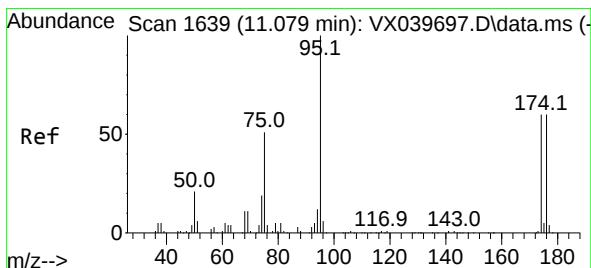
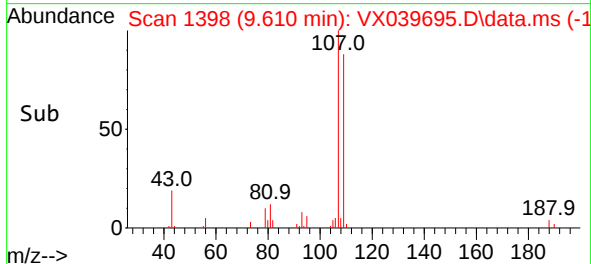
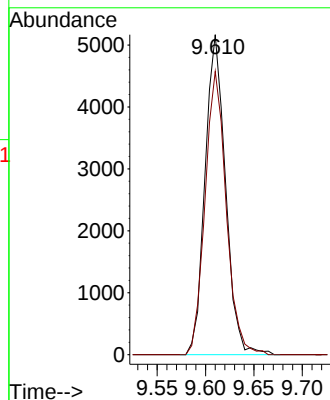
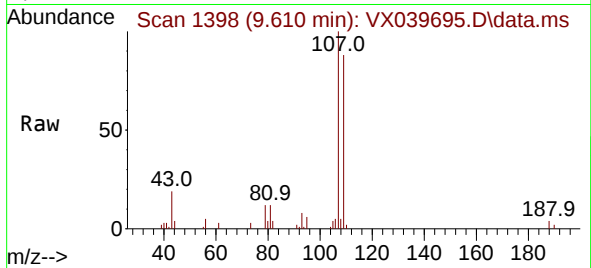
#61
1,2-Dibromoethane
Concen: 5.257 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 7620
Ion Ratio Lower Upper
107 100
109 91.6 75.2 112.8

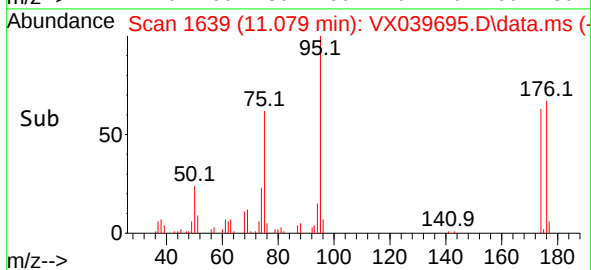
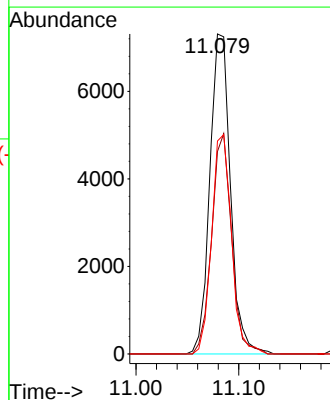
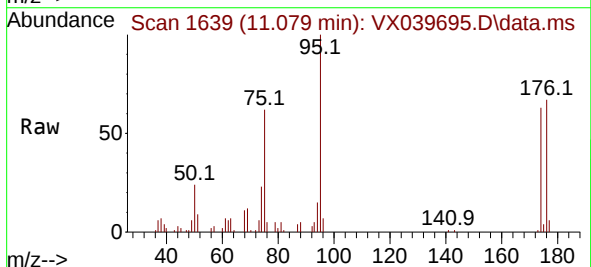
Manual Integrations
APPROVED

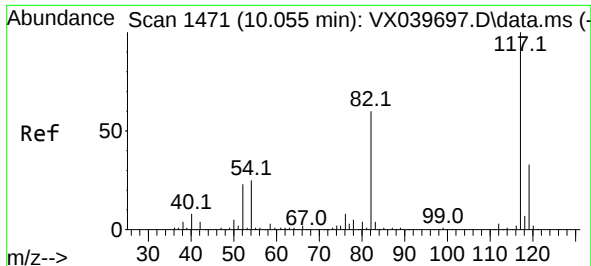
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#62
4-Bromofluorobenzene
Concen: 5.531 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

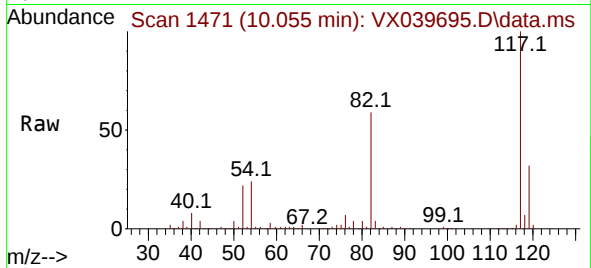
Tgt Ion: 95 Resp: 10187
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.6
176 66.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

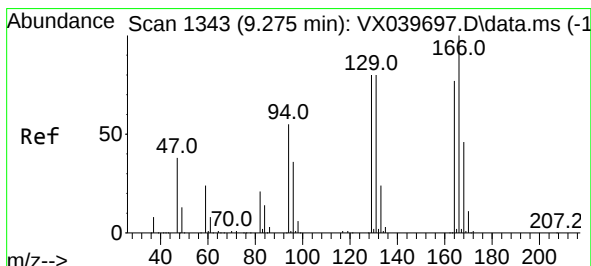
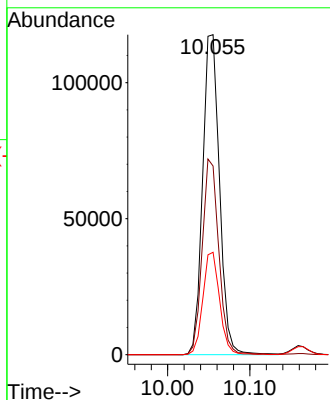
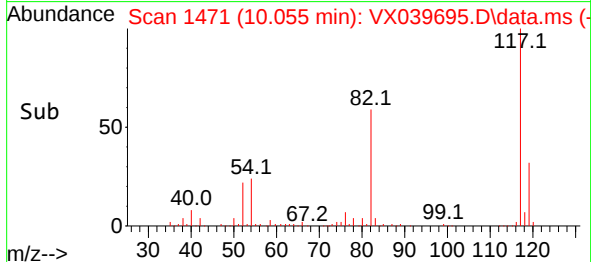
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:117 Resp: 167794
Ion Ratio Lower Upper
117 100
82 58.9 46.2 69.4
119 32.0 25.5 38.3

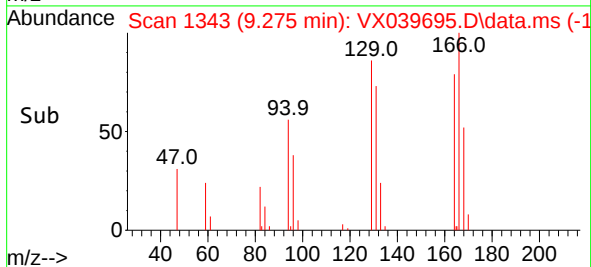
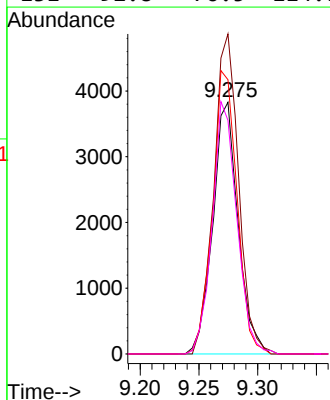
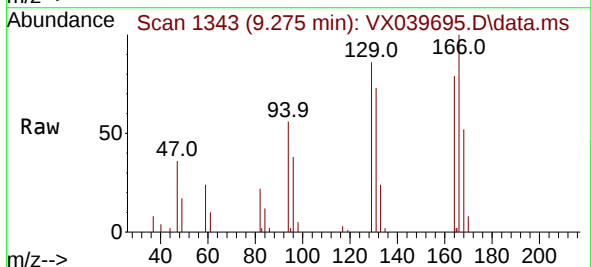
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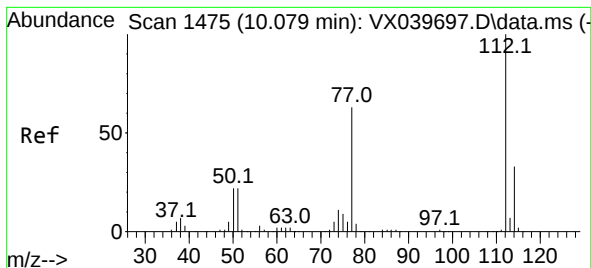
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#64
Tetrachloroethene
Concen: 5.265 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Tgt Ion:164 Resp: 5745
Ion Ratio Lower Upper
164 100
166 127.2 102.7 154.1
129 109.0 80.4 120.6
131 92.8 76.5 114.7





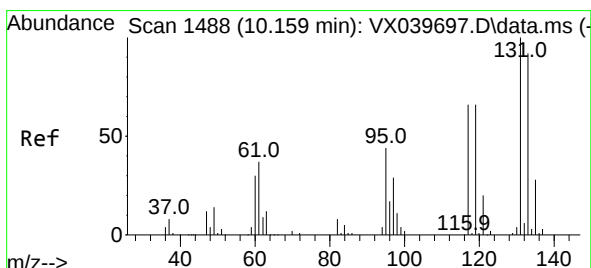
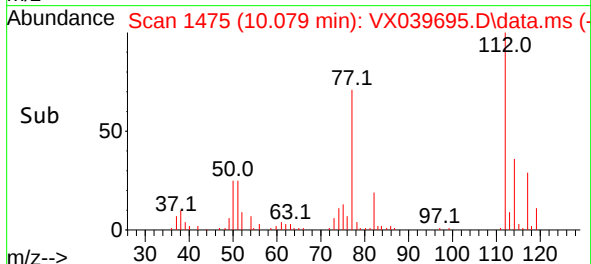
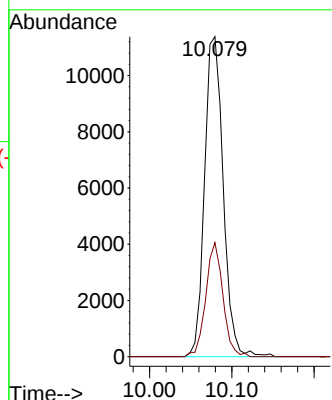
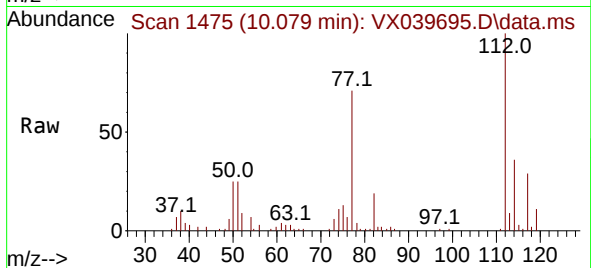
#65
Chlorobenzene
Concen: 5.145 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 17979
Ion Ratio Lower Upper
112 100
114 35.6 25.7 38.5

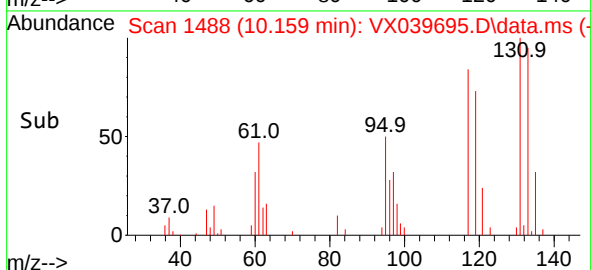
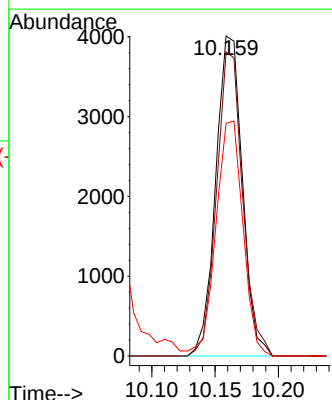
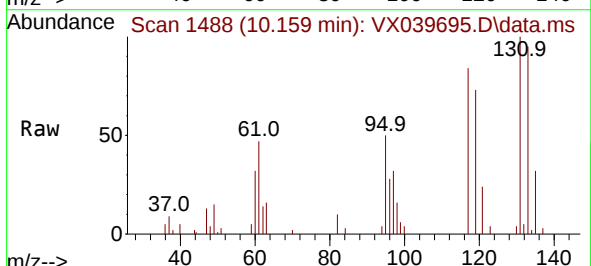
Manual Integrations
APPROVED

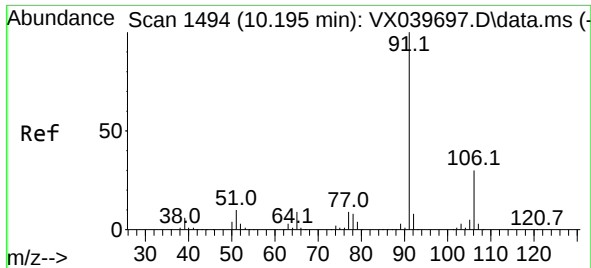
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.924 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Tgt Ion:131 Resp: 5860
Ion Ratio Lower Upper
131 100
133 93.2 47.1 141.4
119 74.4 32.2 96.6





#67

Ethyl Benzene

Concen: 5.165 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 3351

Ion Ratio Lower Upper

91 100

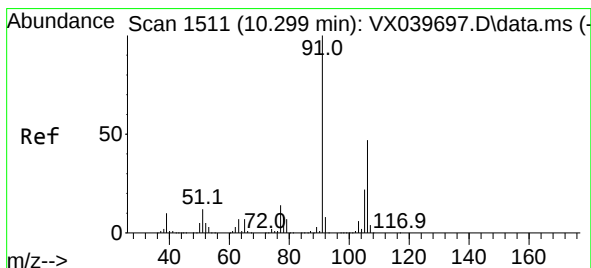
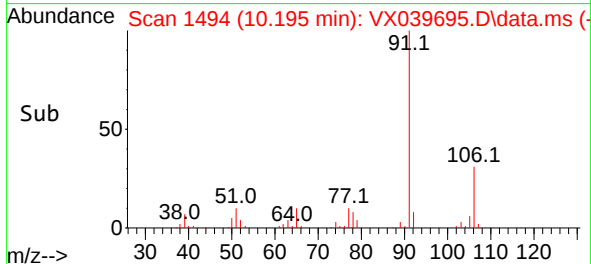
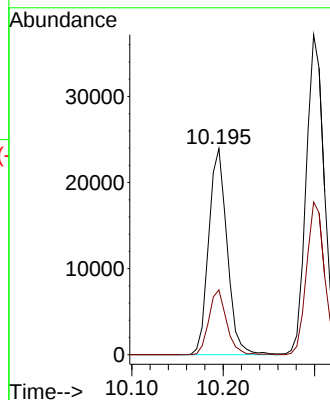
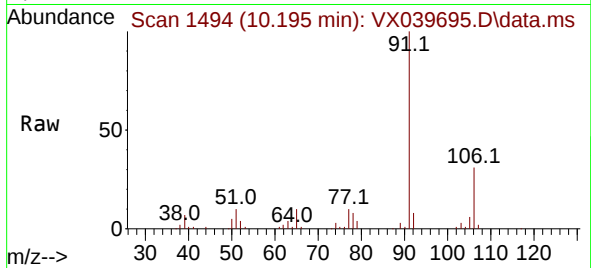
106 31.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#68

m/p-Xylenes

Concen: 10.493 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039695.D

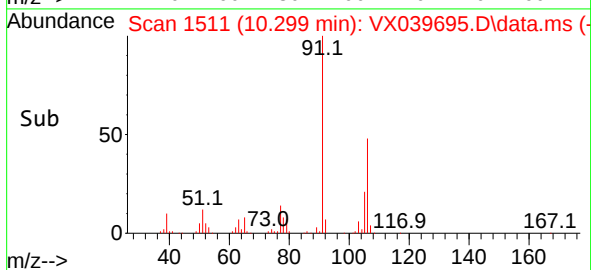
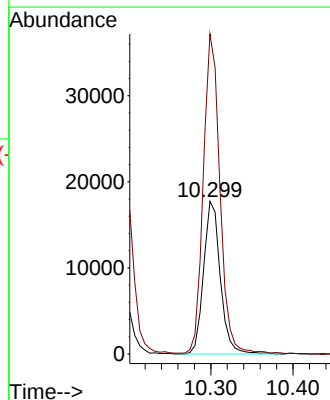
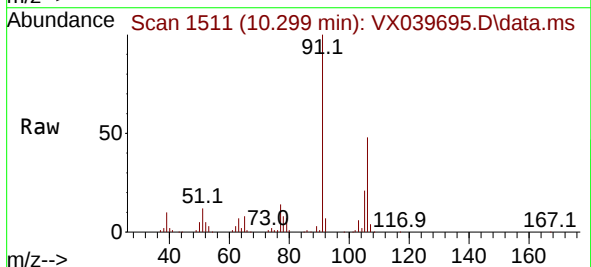
Acq: 10 Jan 2024 11:13

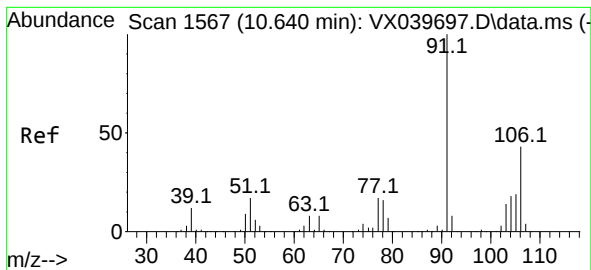
Tgt Ion:106 Resp: 25038

Ion Ratio Lower Upper

106 100

91 209.7 165.5 248.3





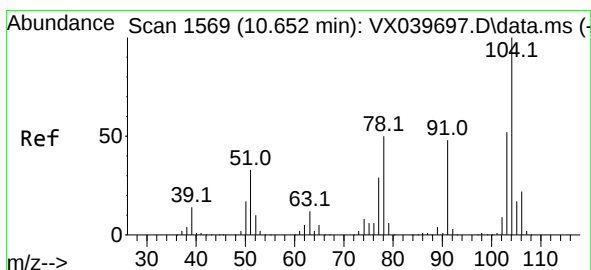
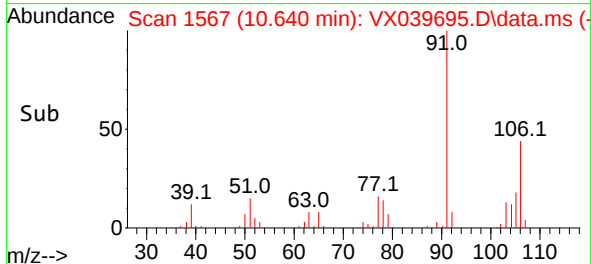
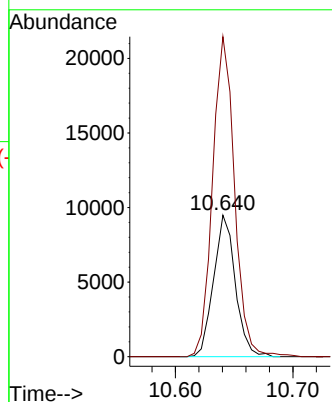
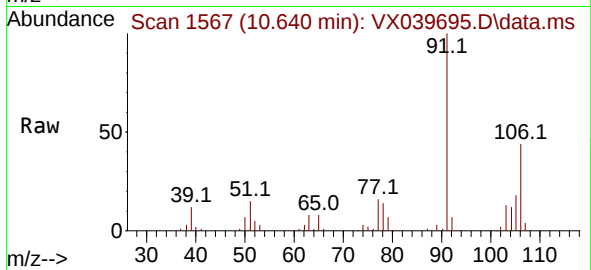
#69
o-Xylene
Concen: 5.173 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 1222
Ion Ratio Lower Upper
106 100
91 228.1 108.9 326.8

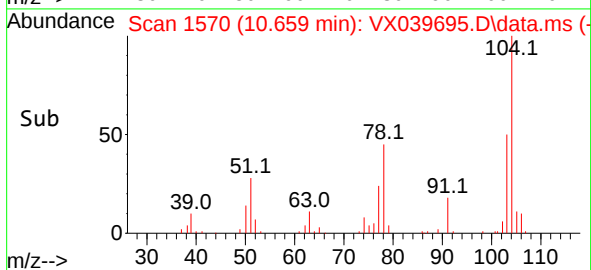
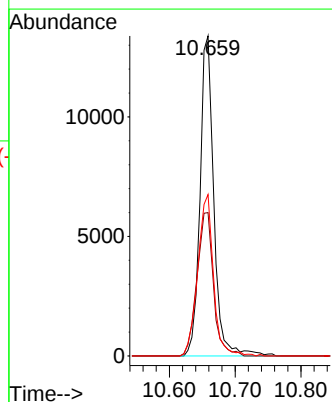
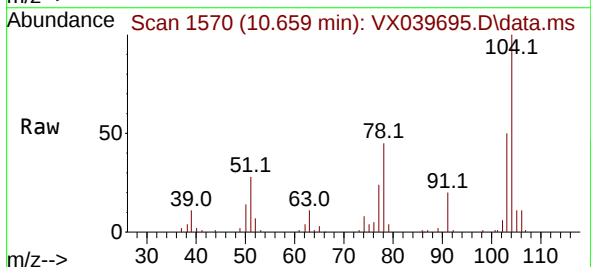
Manual Integrations
APPROVED

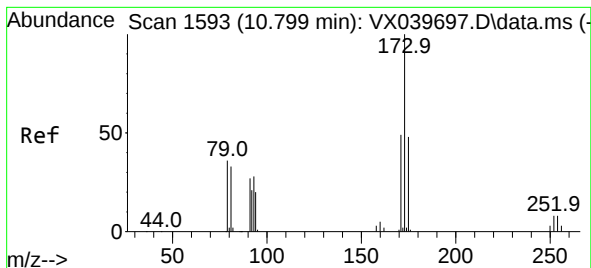
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#70
Styrene
Concen: 5.073 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Tgt Ion:104 Resp: 19581
Ion Ratio Lower Upper
104 100
78 53.2 43.6 65.4
103 57.4 43.6 65.4





#71

Bromoform

Concen: 4.408 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

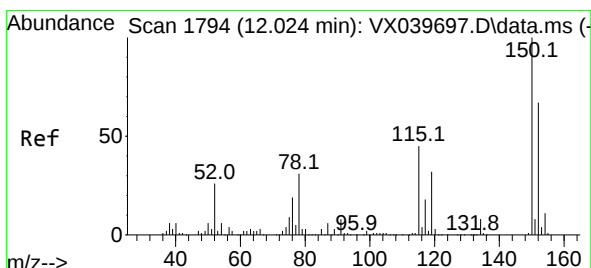
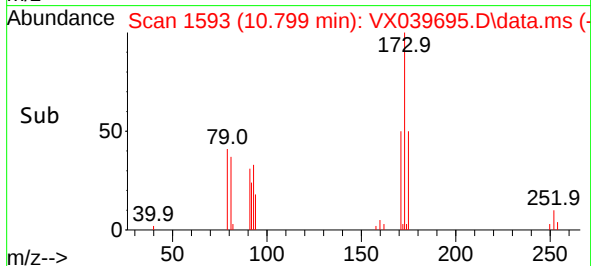
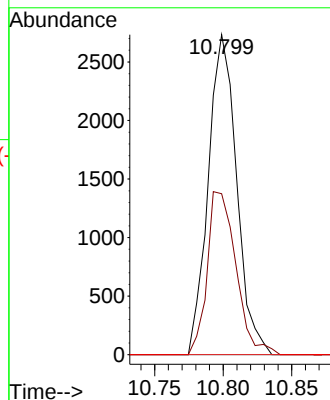
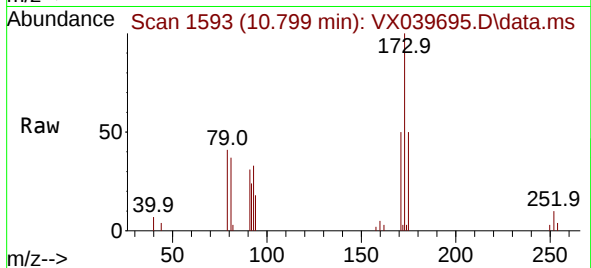
Tgt Ion:173 Resp: 3939
 Ion Ratio Lower Upper
 173 100
 175 51.5 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

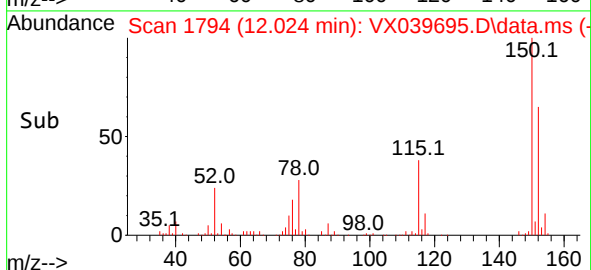
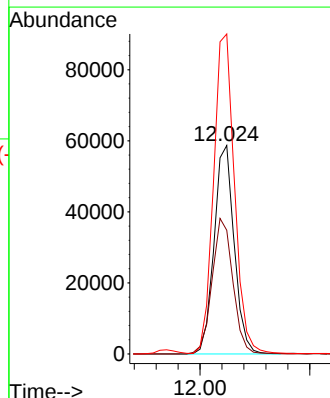
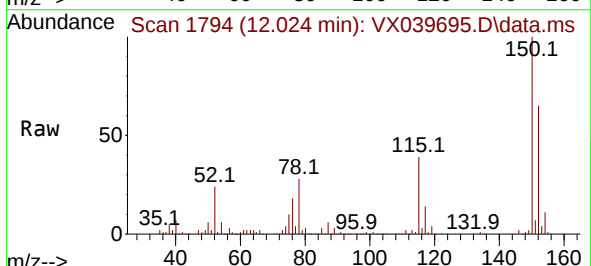
RT: 12.024 min Scan# 1794

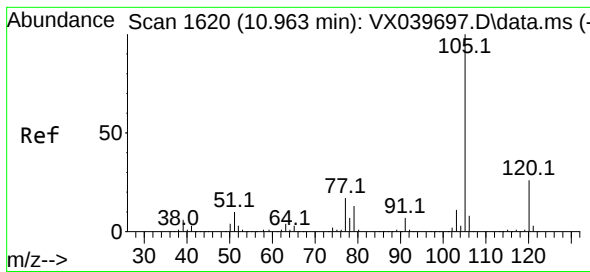
Delta R.T. 0.000 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Tgt Ion:152 Resp: 74804
 Ion Ratio Lower Upper
 152 100
 115 67.0 43.3 129.9
 150 158.9 0.0 345.0





#73

Isopropylbenzene

Concen: 5.362 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

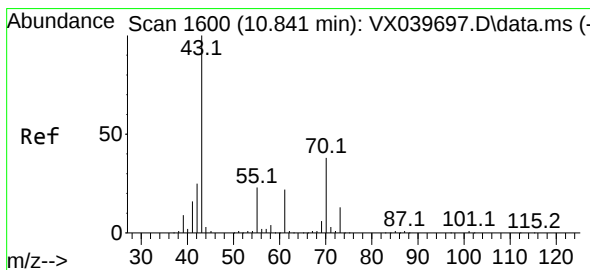
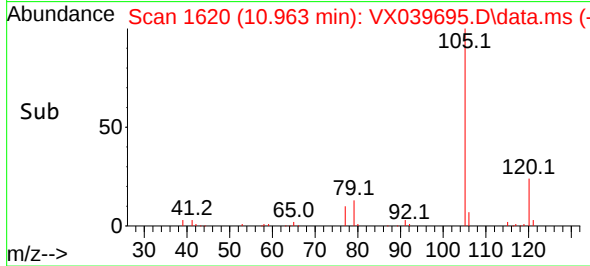
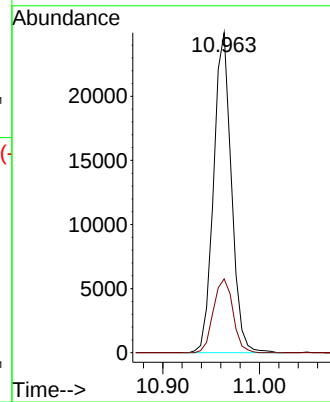
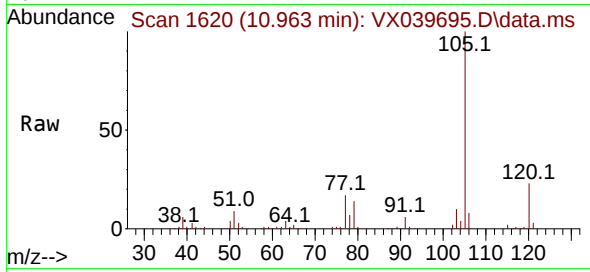
Tgt Ion:105 Resp: 3193
 Ion Ratio Lower Upper
 105 100
 120 25.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#74

N-ethyl acetate

Concen: 4.773 ug/l

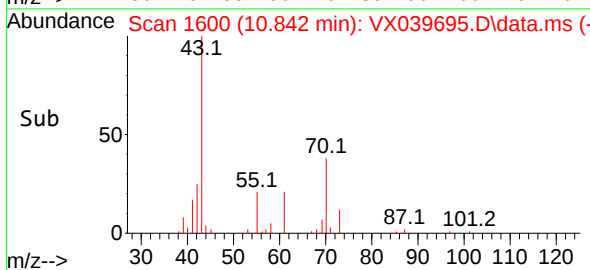
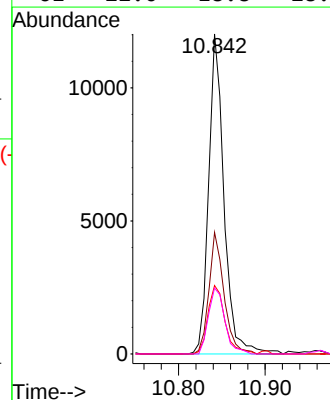
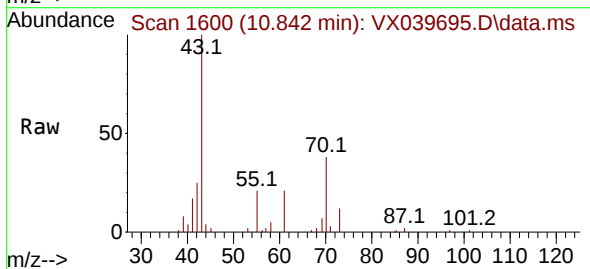
RT: 10.842 min Scan# 1600

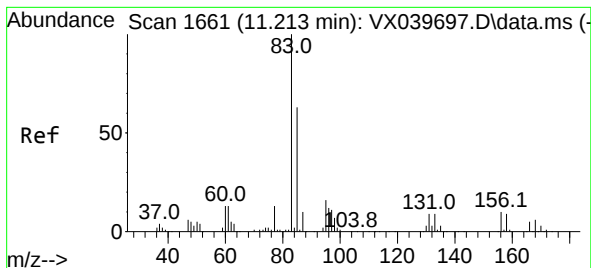
Delta R.T. 0.000 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Tgt Ion: 43 Resp: 14817
 Ion Ratio Lower Upper
 43 100
 70 37.4 32.9 49.3
 55 23.7 19.3 28.9
 61 22.0 18.8 28.2





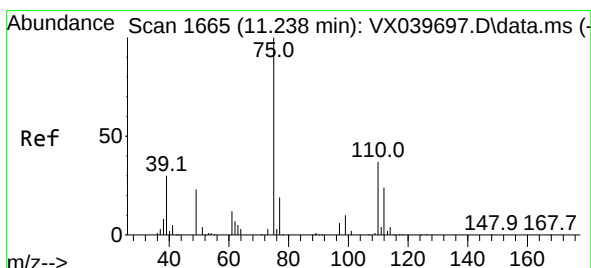
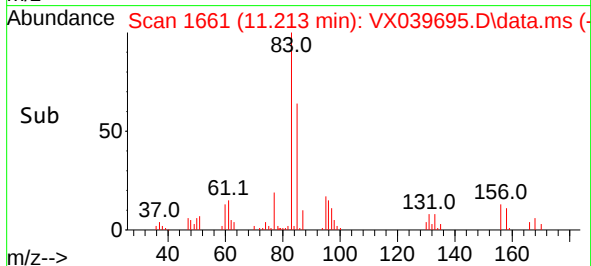
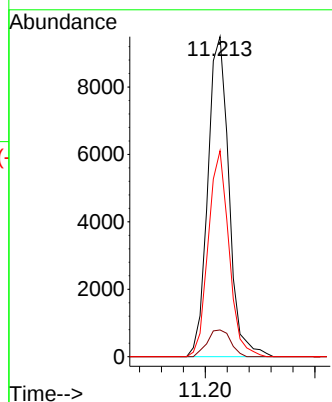
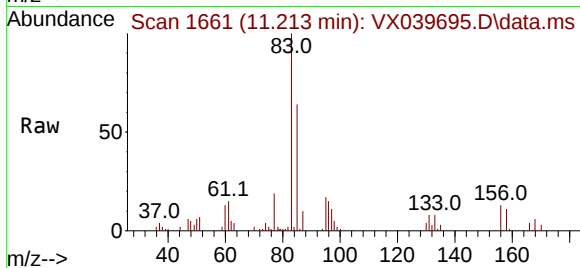
#75
1,1,2,2-Tetrachloroethane
Concen: 5.581 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1269
Ion Ratio Lower Upper
83 100
131 9.3 5.3 15.8
85 62.9 32.0 96.2

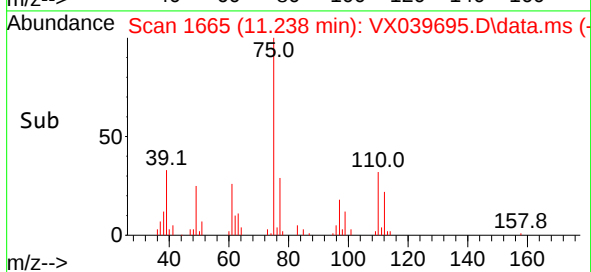
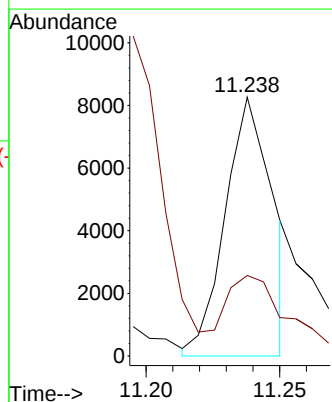
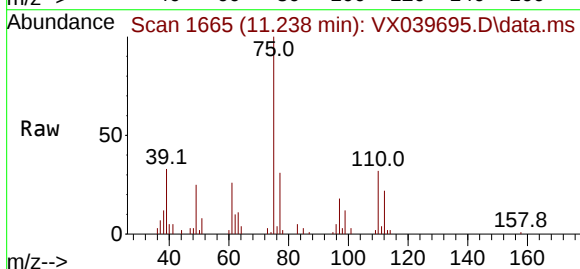
Manual Integrations
APPROVED

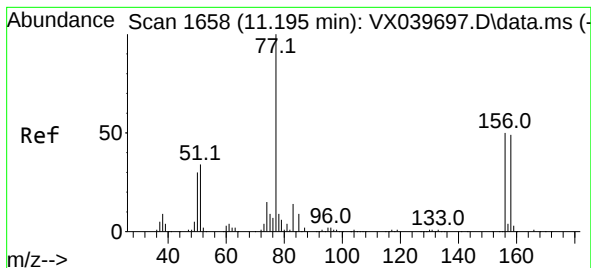
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#76
1,2,3-Trichloropropane
Concen: 5.218 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Tgt Ion: 75 Resp: 10119
Ion Ratio Lower Upper
75 100
77 43.3 19.1 57.5





#77

Bromobenzene

Concen: 5.292 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

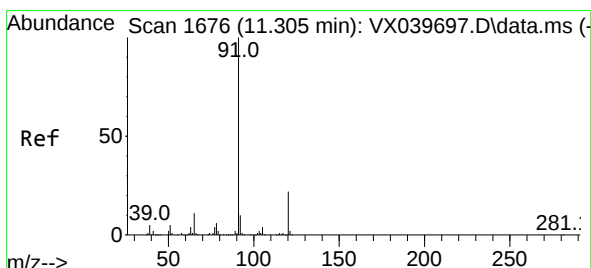
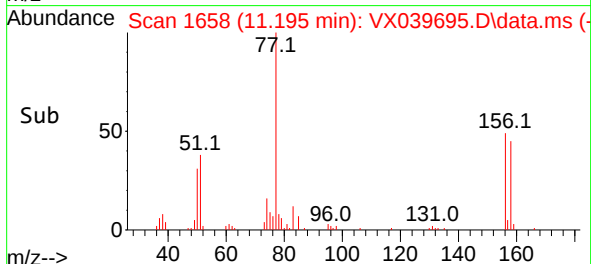
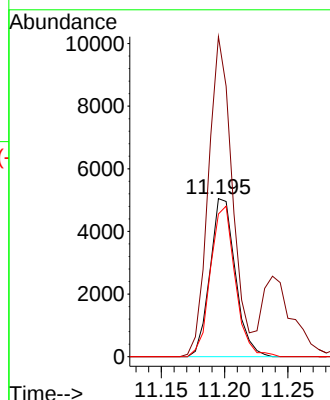
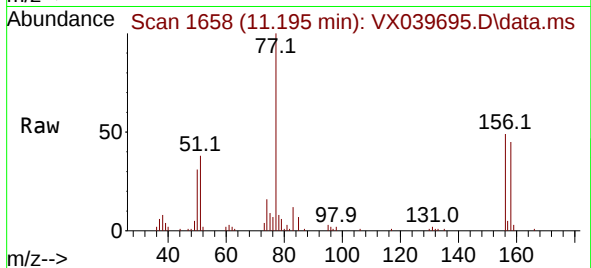
Tgt Ion:	156	Resp:	701
Ion Ratio	Lower	Upper	
156	100		
77	190.5	88.4	265.3
158	93.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#78

n-propylbenzene

Concen: 5.108 ug/l

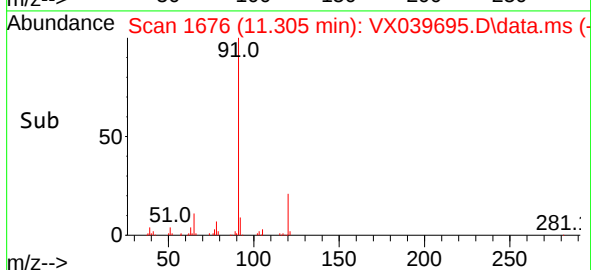
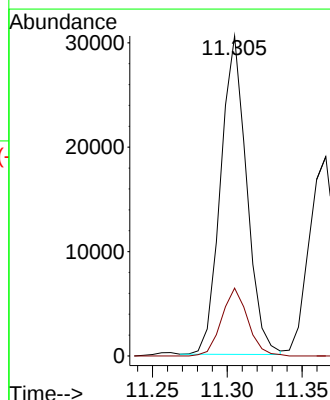
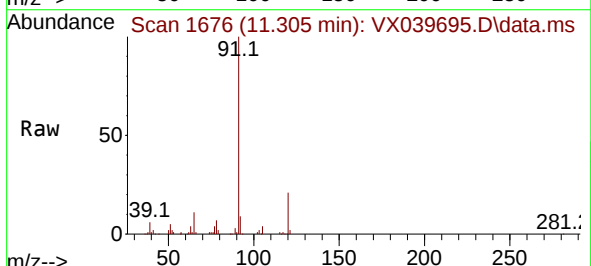
RT: 11.305 min Scan# 1676

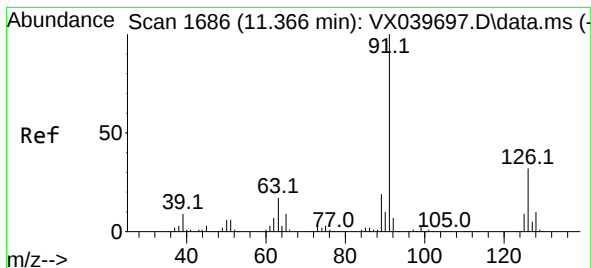
Delta R.T. 0.000 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Tgt Ion:	91	Resp:	36817
Ion Ratio	Lower	Upper	
91	100		
120	21.5	11.5	34.4





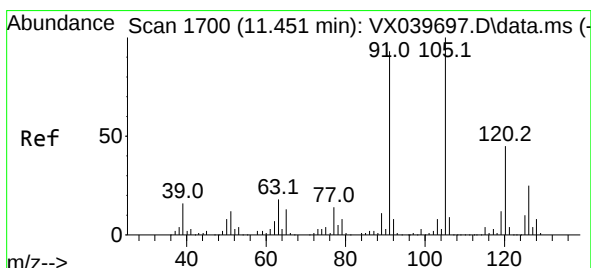
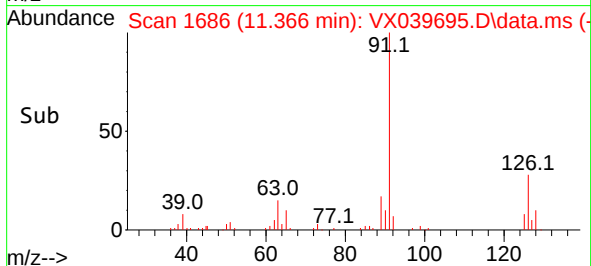
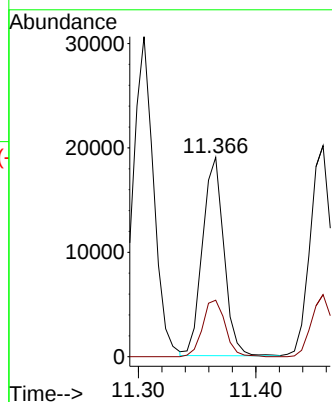
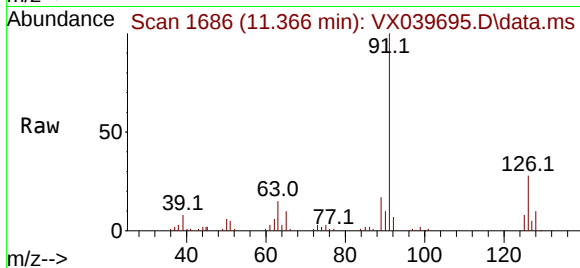
#79
2-Chlorotoluene
Concen: 5.403 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 24072
Ion Ratio Lower Upper
91 100
126 30.2 16.3 48.8

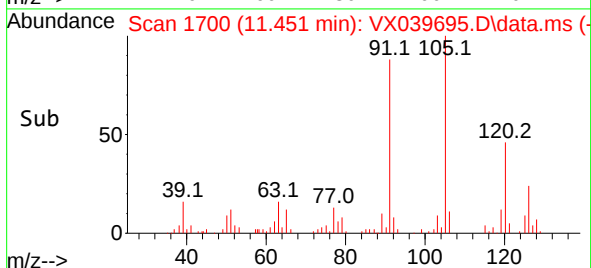
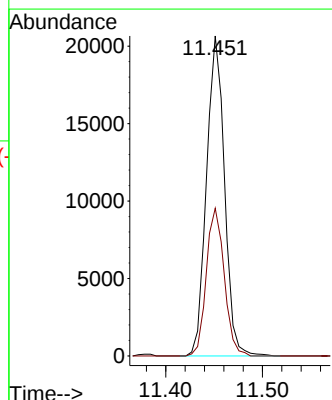
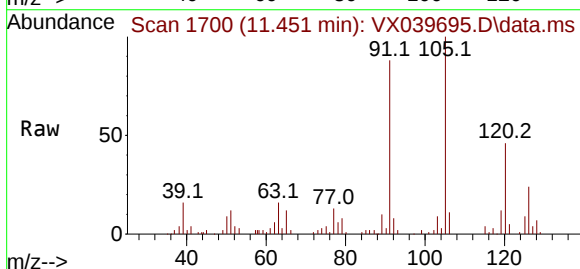
Manual Integrations
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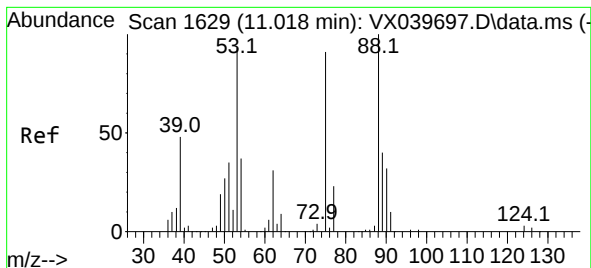
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#80
1,3,5-Trimethylbenzene
Concen: 5.290 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Tgt Ion:105 Resp: 26759
Ion Ratio Lower Upper
105 100
120 46.0 24.1 72.3





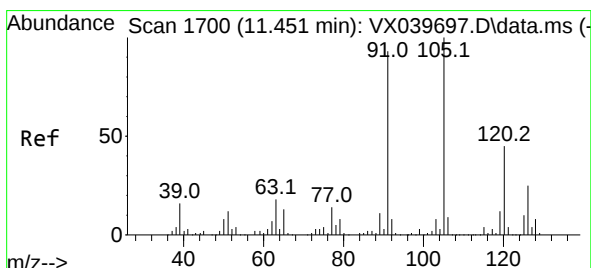
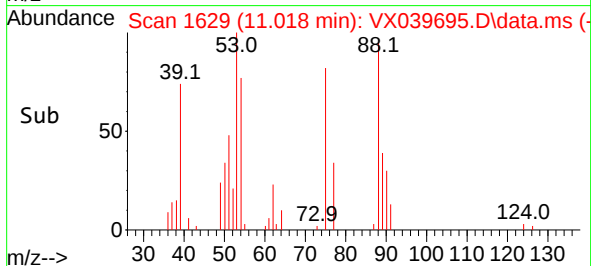
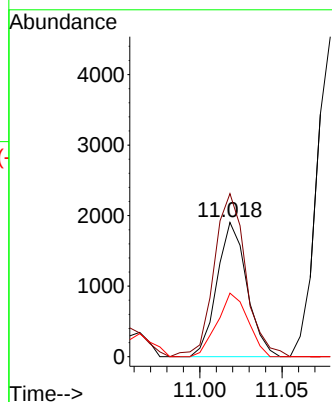
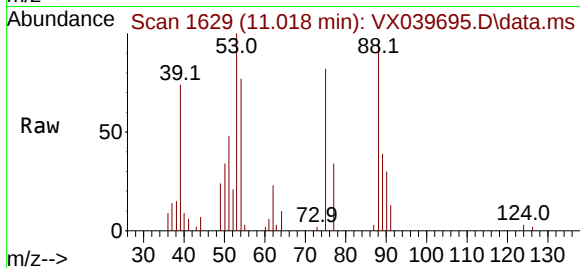
#81
trans-1,4-Dichloro-2-butene
Concen: 5.161 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 2404
Ion Ratio Lower Upper
75 100
53 129.2 90.5 135.7
89 48.7 36.9 55.3

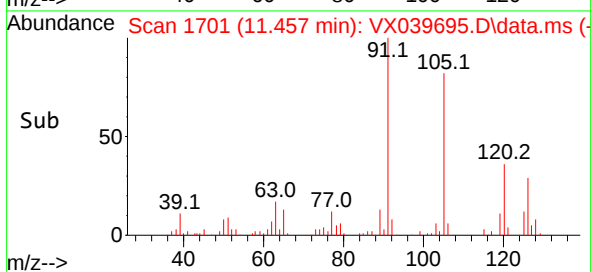
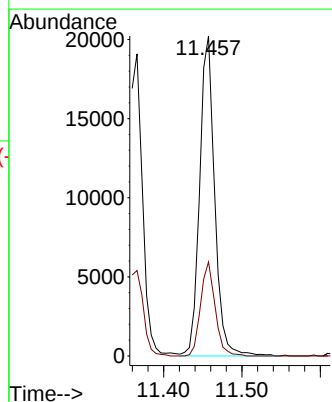
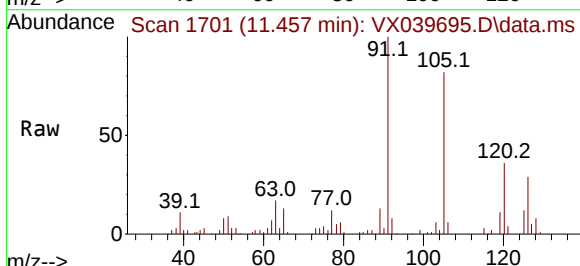
Manual Integrations
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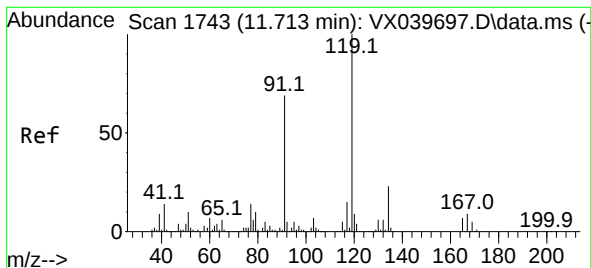
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#82
4-Chlorotoluene
Concen: 5.339 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Tgt Ion: 91 Resp: 26979
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 5.202 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

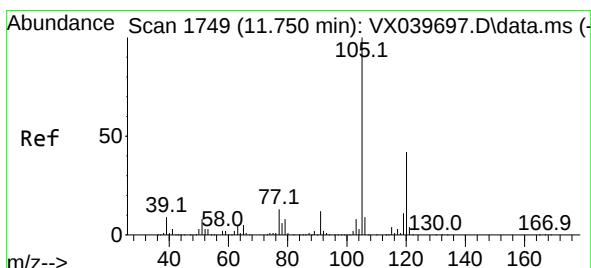
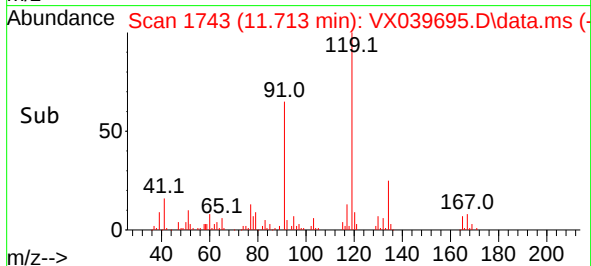
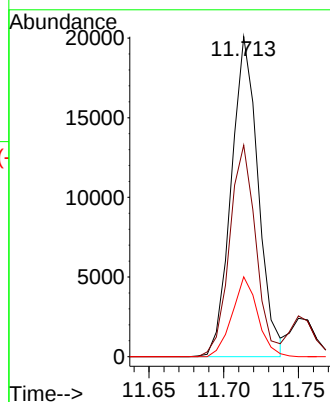
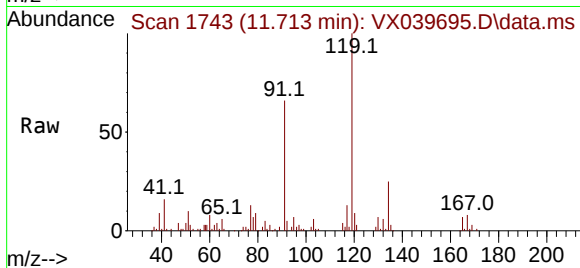
Tgt Ion:	119	Resp:	2512
Ion Ratio	Lower	Upper	
119	100		
91	64.9	31.2	93.6
134	23.7	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#84

1,2,4-Trimethylbenzene

Concen: 5.231 ug/l

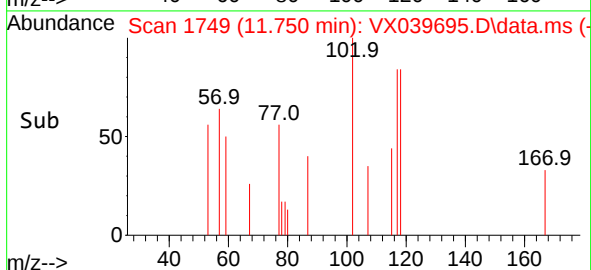
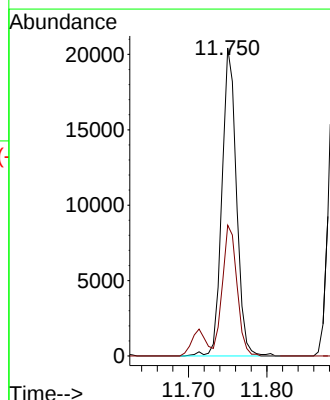
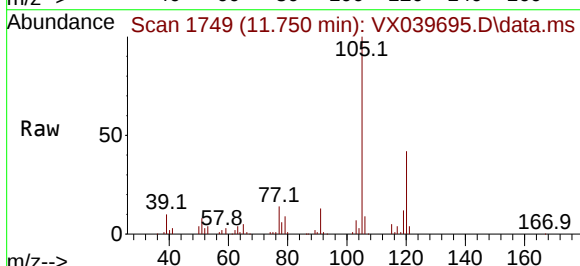
RT: 11.750 min Scan# 1749

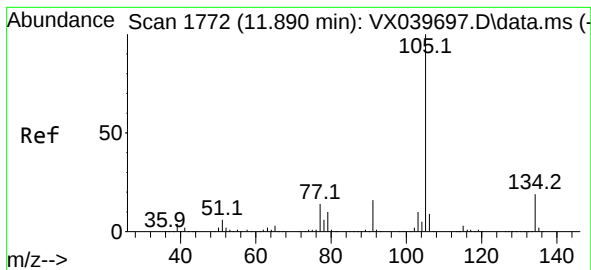
Delta R.T. 0.000 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

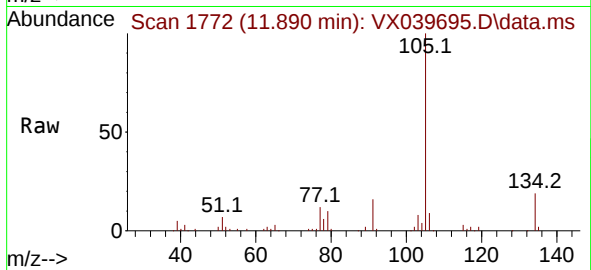
Tgt Ion:	105	Resp:	26398
Ion Ratio	Lower	Upper	
105	100		
120	42.5	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 5.239 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039695.D
 Acq: 10 Jan 2024 11:13

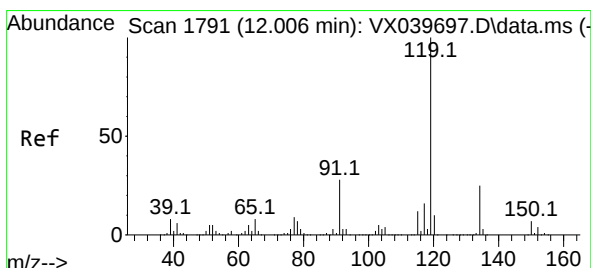
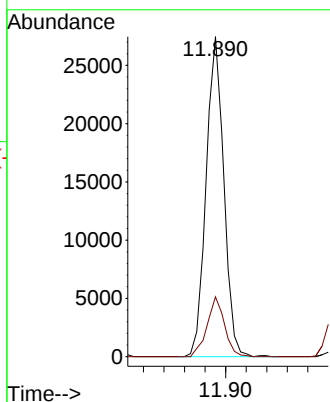
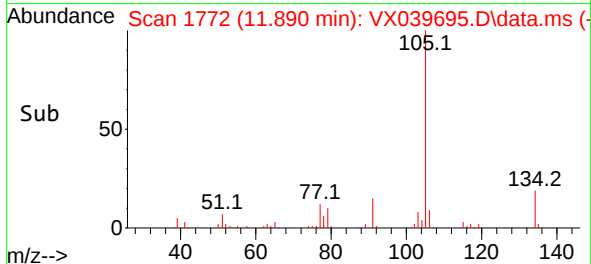
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



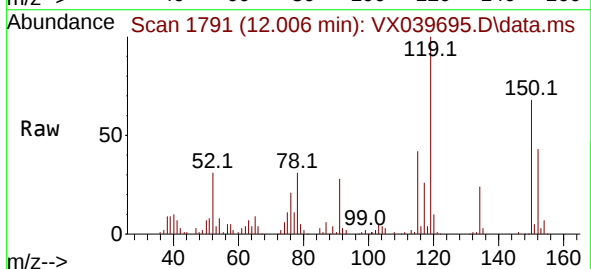
Tgt Ion:105 Resp: 32840
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.8 29.4

Manual Integrations
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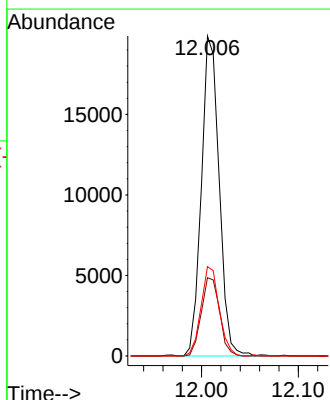
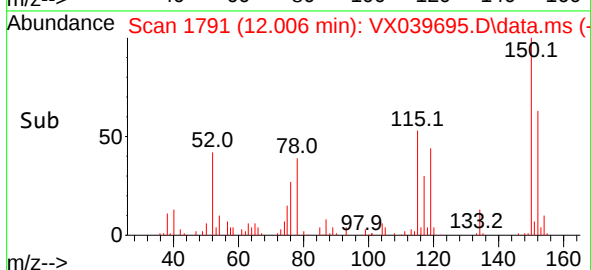
Reviewed By :John Carlone 01/11/2024
 Supervised By :Mahesh Dadoda 01/11/2024

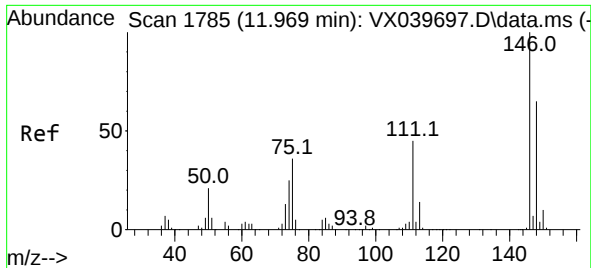


#86
 p-Isopropyltoluene
 Concen: 5.081 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039695.D
 Acq: 10 Jan 2024 11:13



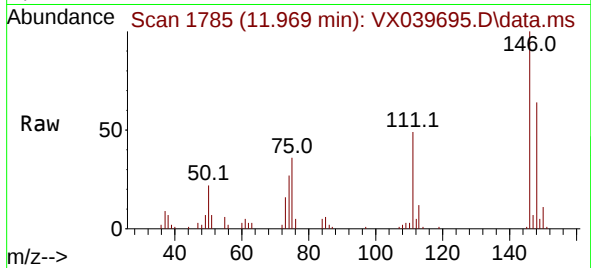
Tgt Ion:119 Resp: 25456
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.8 38.3
 91 28.5 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 5.385 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

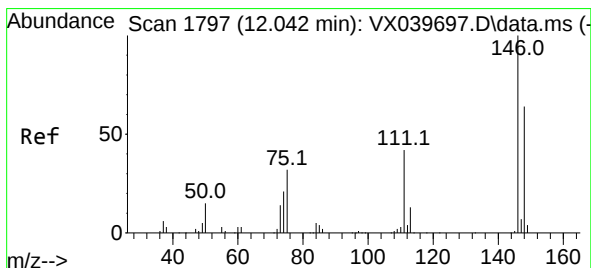
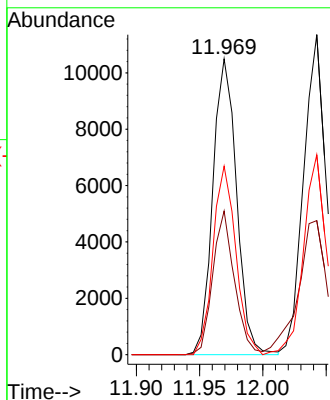
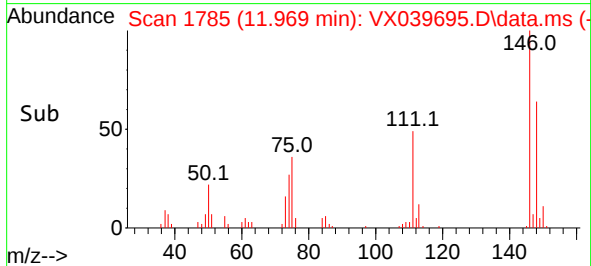
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



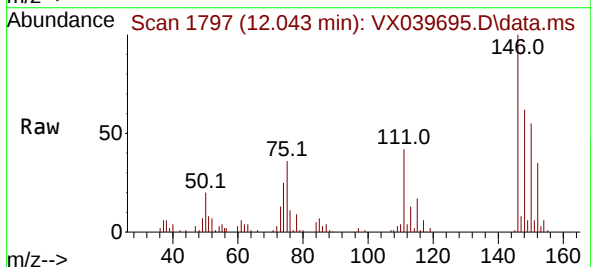
Tgt Ion:146 Resp: 1368
Ion Ratio Lower Upper
146 100
111 44.4 22.1 66.1
148 61.3 31.8 95.3

Manual Integrations
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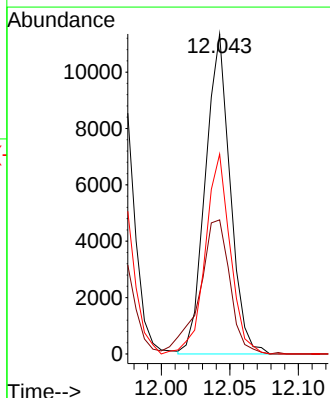
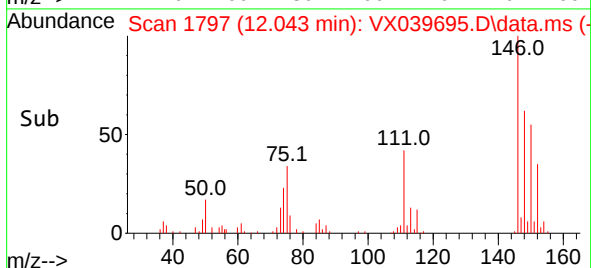
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

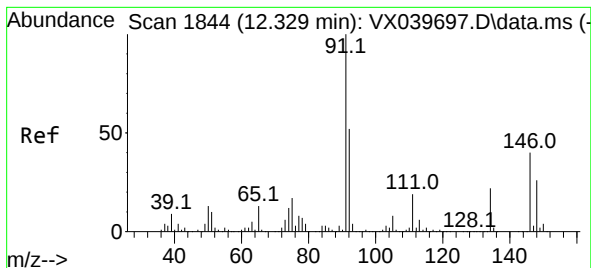


#88
1,4-Dichlorobenzene
Concen: 5.423 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13



Tgt Ion:146 Resp: 14236
Ion Ratio Lower Upper
146 100
111 51.6 21.3 63.7
148 63.0 31.8 95.4





#89

n-Butylbenzene

Concen: 4.828 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

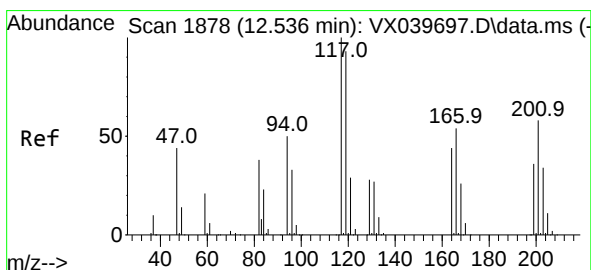
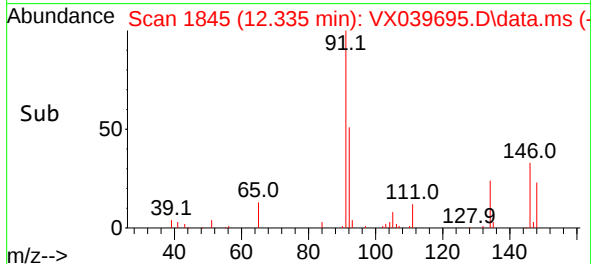
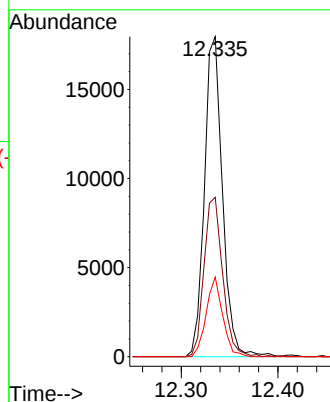
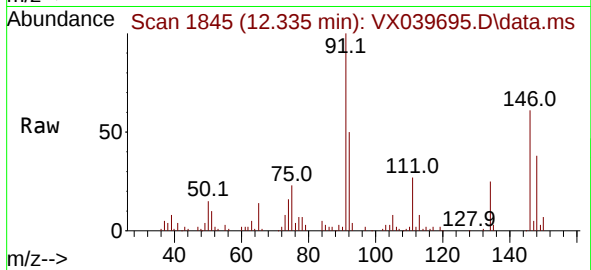
Tgt Ion: 91	Resp: 2336
Ion Ratio	Lower Upper
91	100
92	51.6 27.4 82.0
134	22.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#90

Hexachloroethane

Concen: 4.404 ug/l

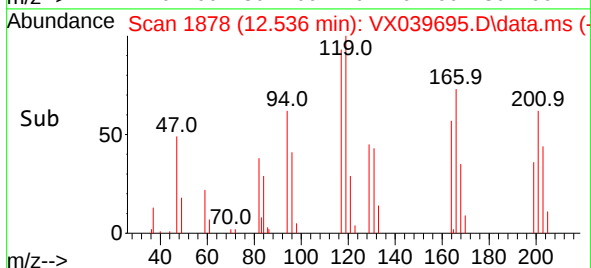
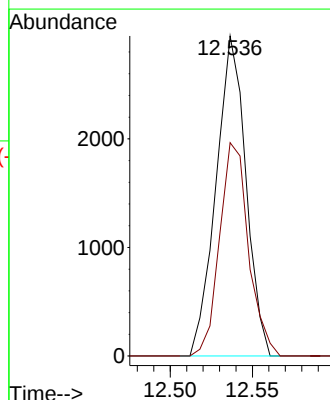
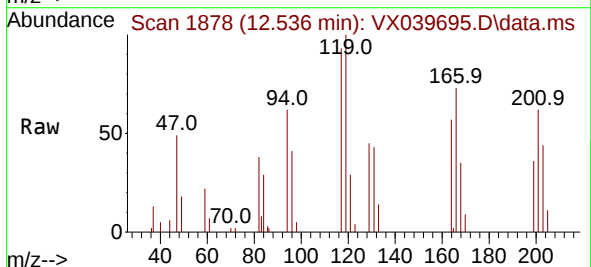
RT: 12.536 min Scan# 1878

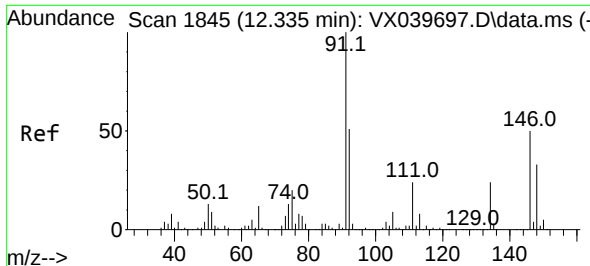
Delta R.T. 0.000 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

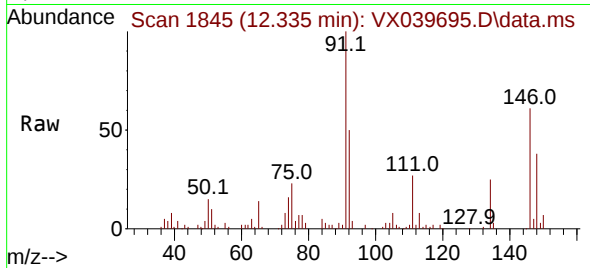
Tgt Ion: 117	Resp: 3722
Ion Ratio	Lower Upper
117	100
201	64.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 5.500 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

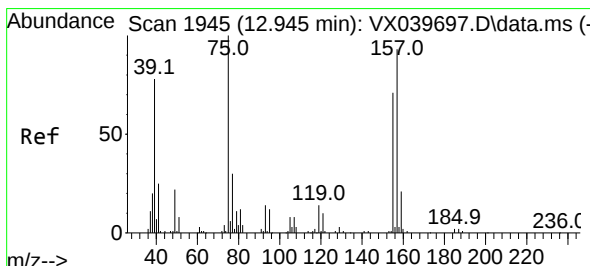
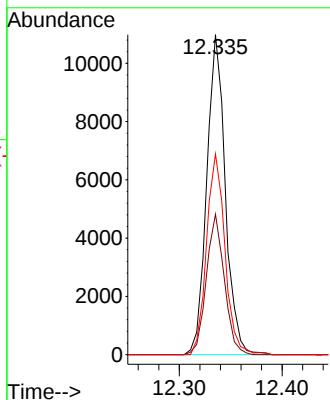
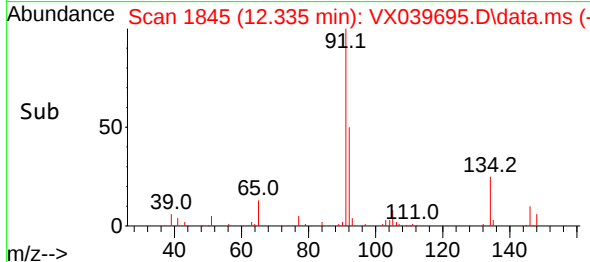
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



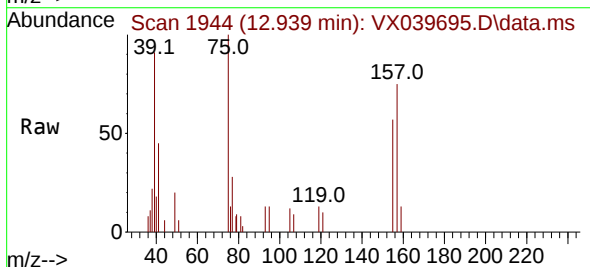
Tgt Ion:146 Resp: 1382
Ion Ratio Lower Upper
146 100
111 42.5 22.4 67.0
148 62.3 31.6 95.0

Manual Integrations
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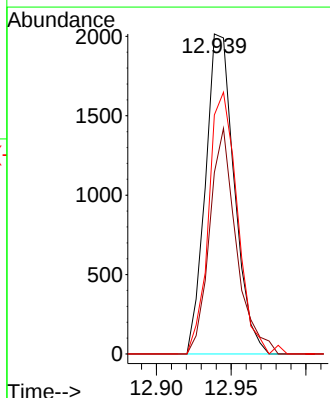
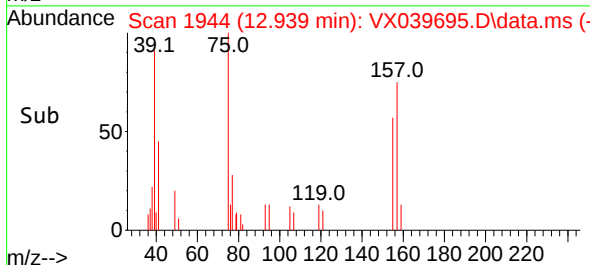
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

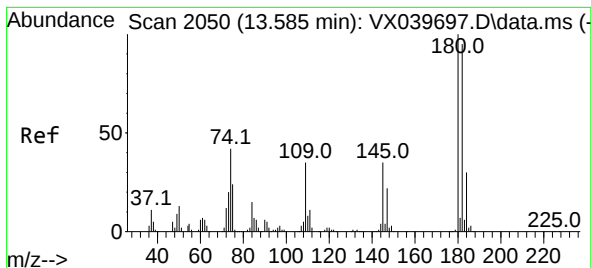


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.856 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13



Tgt Ion: 75 Resp: 2706
Ion Ratio Lower Upper
75 100
155 65.3 36.1 108.5
157 81.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 4.985 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

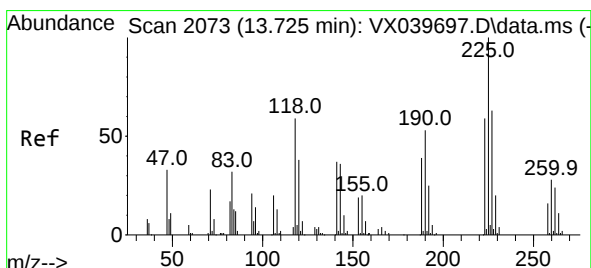
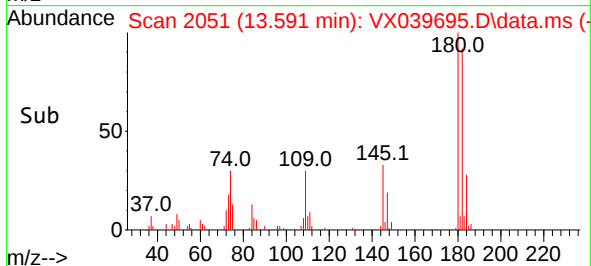
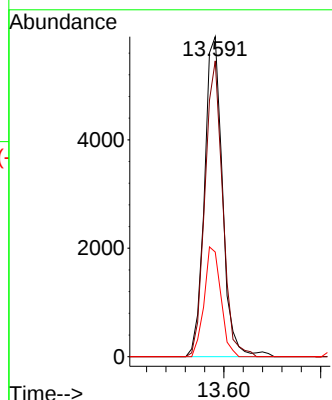
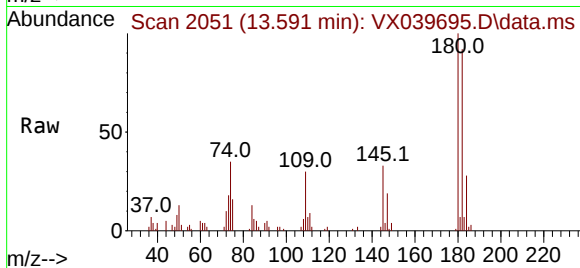
Tgt Ion:180	Resp:	7650
Ion Ratio	Lower	Upper
180	100	
182	90.6	48.3 144.8
145	31.8	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#94

Hexachlorobutadiene

Concen: 5.099 ug/l

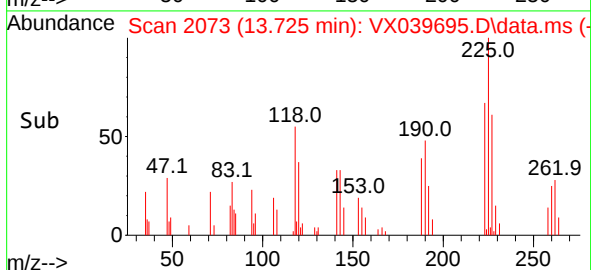
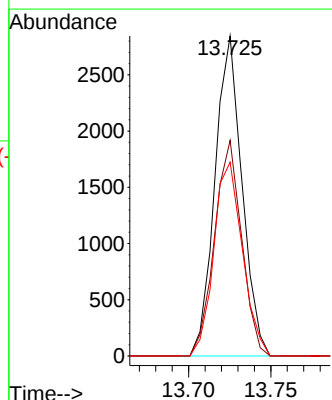
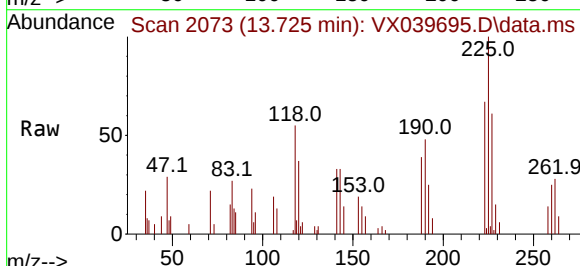
RT: 13.725 min Scan# 2073

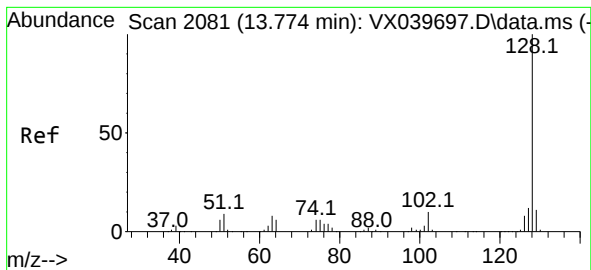
Delta R.T. 0.000 min

Lab File: VX039695.D

Acq: 10 Jan 2024 11:13

Tgt Ion:225	Resp:	3255
Ion Ratio	Lower	Upper
225	100	
223	67.5	31.1 93.2
227	64.1	32.5 97.5





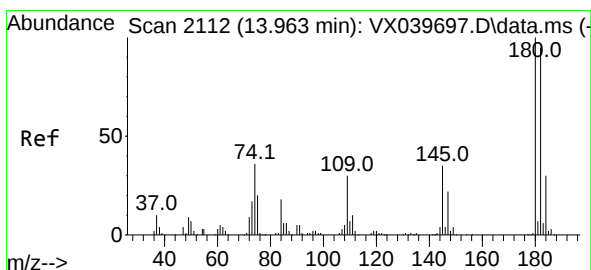
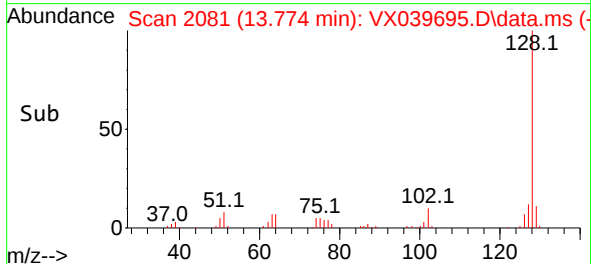
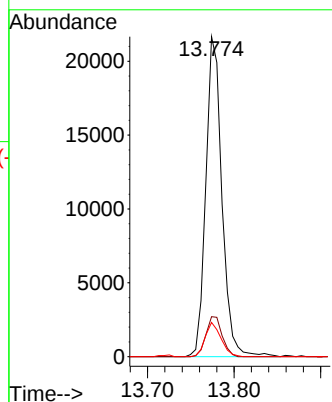
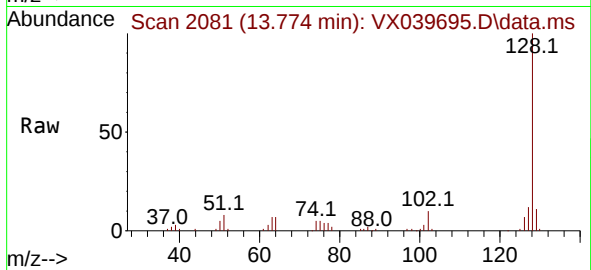
#95
Naphthalene
Concen: 4.954 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 2800
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.5 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#96
1,2,3-Trichlorobenzene
Concen: 5.065 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX039695.D
Acq: 10 Jan 2024 11:13

Tgt Ion:180 Resp: 7851
Ion Ratio Lower Upper
180 100
182 91.7 46.9 140.6
145 34.9 17.8 53.5

