

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010924\
 Data File : VX039690.D
 Acq On : 09 Jan 2024 19:31
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/10/2024
 Supervised By : Mahesh Dadoda 01/10/2024

Quant Time: Jan 10 07:26:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010924W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 10 07:08:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	108347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	199241	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	35081	19.380	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.760%#		
35) Dibromofluoromethane	5.391	113	25815	19.828	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.660%#		
50) Toluene-d8	8.647	98	96246	19.514	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	39.020%#		
62) 4-Bromofluorobenzene	11.079	95	35078	18.993	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.980%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28922	19.863	ug/l	98
3) Chloromethane	1.294	50	31787	19.564	ug/l	99
4) Vinyl Chloride	1.374	62	28898	18.758	ug/l	97
5) Bromomethane	1.599	94	15149	20.525	ug/l	95
6) Chloroethane	1.666	64	16787	22.730	ug/l	96
7) Trichlorofluoromethane	1.874	101	42529	18.779	ug/l	94
8) Diethyl Ether	2.136	74	15862	19.305	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	26481	19.683	ug/l	98
10) Methyl Iodide	2.447	142	26863	17.722	ug/l	92
11) Tert butyl alcohol	2.995	59	45216	94.895	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	25207	18.908	ug/l	95
13) Acrolein	2.239	56	30161	93.250	ug/l	100
14) Allyl chloride	2.660	41	49474	19.007	ug/l	97
15) Acrylonitrile	3.062	53	95567	97.847	ug/l	98
16) Acetone	2.380	43	90344	92.483	ug/l	95
17) Carbon Disulfide	2.508	76	67719	17.609	ug/l	98
18) Methyl Acetate	2.703	43	41822	19.450	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	90154	19.235	ug/l	95
20) Methylene Chloride	2.788	84	30122	18.568	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	25941	18.679	ug/l	99
22) Diisopropyl ether	3.757	45	95960	19.399	ug/l	94
23) Vinyl Acetate	3.721	43	450715	98.340	ug/l	99
24) 1,1-Dichloroethane	3.611	63	53149	19.447	ug/l	99
25) 2-Butanone	4.556	43	139058	97.377	ug/l	100
26) 2,2-Dichloropropane	4.471	77	39490	18.317	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	29985	18.775	ug/l	99
28) Bromochloromethane	4.891	49	24927	19.914	ug/l	94
29) Tetrahydrofuran	5.001	42	90686	97.387	ug/l	100
30) Chloroform	5.086	83	51271	19.211	ug/l	98
31) Cyclohexane	5.464	56	47203	19.170	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	43145	19.008	ug/l	98
36) 1,1-Dichloropropene	5.690	75	37243	18.289	ug/l	99
37) Ethyl Acetate	4.715	43	50932	19.158	ug/l	99
38) Carbon Tetrachloride	5.672	117	35495	18.511	ug/l	95
39) Methylcyclohexane	7.379	83	46017	18.740	ug/l	97
40) Benzene	6.037	78	112779	19.183	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	25697	19.113	ug/l	94
42) 1,2-Dichloroethane	6.086	62	42943	18.882	ug/l	100
43) Isopropyl Acetate	6.342	43	78422	19.276	ug/l	99
44) Trichloroethene	7.123	130	26641	18.861	ug/l	99
45) 1,2-Dichloropropane	7.427	63	30940	19.296	ug/l	93
46) Dibromomethane	7.580	93	20444	19.230	ug/l	96
47) Bromodichloromethane	7.818	83	37442	19.105	ug/l	98
48) Methyl methacrylate	7.696	41	37236	19.345	ug/l	95
49) 1,4-Dioxane	7.665	88	15668	400.142	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	269812	99.633	ug/l	98
52) Toluene	8.720	92	68330	19.277	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	39289	18.400	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	44618	19.251	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	27924	18.854	ug/l	91
56) Ethyl methacrylate	9.116	69	47372	19.848	ug/l	98
57) 1,3-Dichloropropane	9.305	76	49479	19.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	97893	87.031	ug/l	96
59) 2-Hexanone	9.433	43	216162	100.095	ug/l	99
60) Dibromochloromethane	9.519	129	25075	18.673	ug/l	99
61) 1,2-Dibromoethane	9.610	107	28970	18.939	ug/l	99
64) Tetrachloroethene	9.275	164	21414	19.517	ug/l	98
65) Chlorobenzene	10.079	112	68881	19.096	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	24159	19.126	ug/l	97
67) Ethyl Benzene	10.195	91	131076	19.607	ug/l	98
68) m/p-Xylenes	10.299	106	95817	38.893	ug/l	95
69) o-Xylene	10.640	106	47583	19.464	ug/l	93
70) Styrene	10.659	104	76052	19.488	ug/l	97
71) Bromoform	10.799	173	17181	18.862	ug/l #	98
73) Isopropylbenzene	10.963	105	126360	19.667	ug/l	100
74) N-amyl acetate	10.841	43	68037	19.880	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	47906	19.246	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	40184m	19.211	ug/l	
77) Bromobenzene	11.195	156	27301	18.913	ug/l	94
78) n-propylbenzene	11.305	91	147662	19.462	ug/l	98
79) 2-Chlorotoluene	11.366	91	89733	18.881	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	108896	19.846	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	11638	17.074	ug/l	94
82) 4-Chlorotoluene	11.457	91	101810	18.905	ug/l	99
83) tert-Butylbenzene	11.713	119	102856	19.450	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	108471	19.832	ug/l	99
85) sec-Butylbenzene	11.890	105	129634	19.665	ug/l	98
86) p-Isopropyltoluene	12.006	119	102866	19.618	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	51708	18.971	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	51699	19.024	ug/l	98
89) n-Butylbenzene	12.335	91	89452	18.526	ug/l	96
90) Hexachloroethane	12.536	117	16966	18.561	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	52019	19.122	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10750	18.627	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	27500	17.747	ug/l	100
94) Hexachlorobutadiene	13.725	225	11634	18.071	ug/l	97
95) Naphthalene	13.774	128	113719	18.406	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29570	18.664	ug/l	98

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VSTDICC020

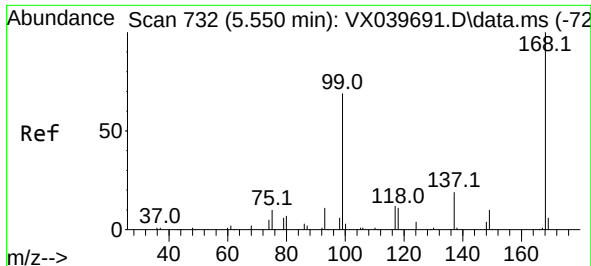
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024

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QLast Update : Wed Jan 10 07:08:34 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: VX039690.D
Acq: 09 Jan 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :

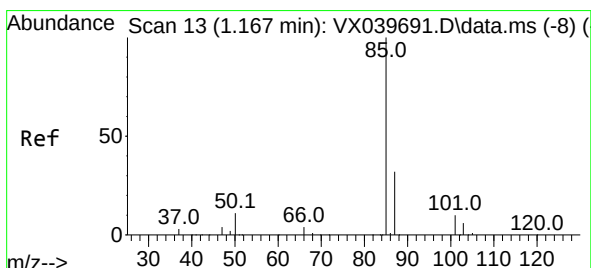
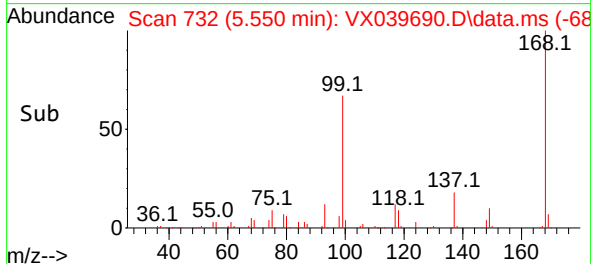
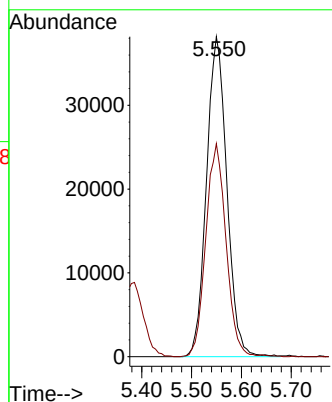
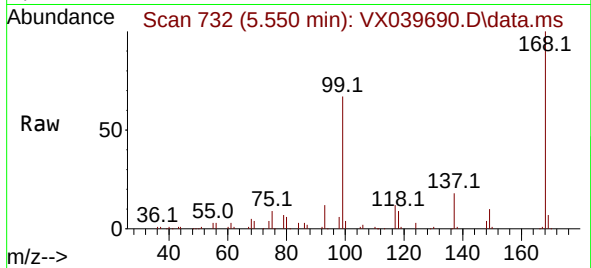
VSTDIC020

Tgt Ion:168 Resp: 10834
Ion Ratio Lower Upper
168 100
99 66.6 56.6 85.0

Manual Integrations

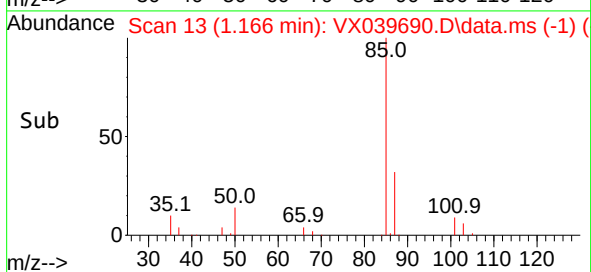
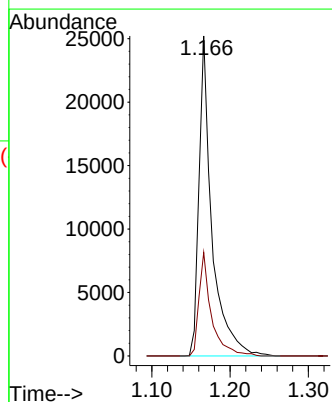
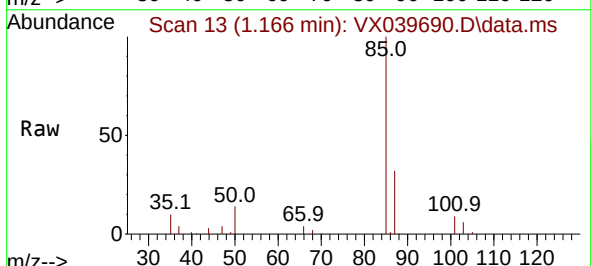
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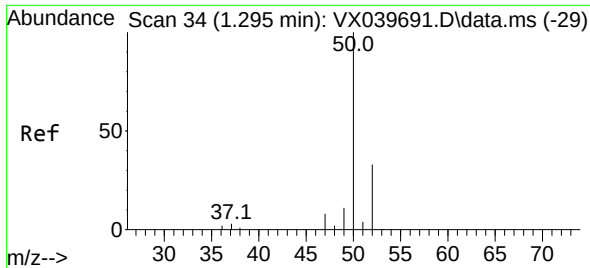
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#2
Dichlorodifluoromethane
Concen: 19.863 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

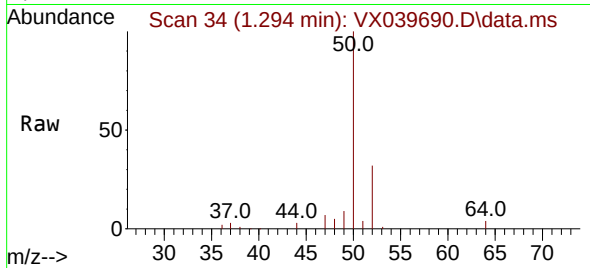
Tgt Ion: 85 Resp: 28922
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.1





#3
Chloromethane
Concen: 19.564 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

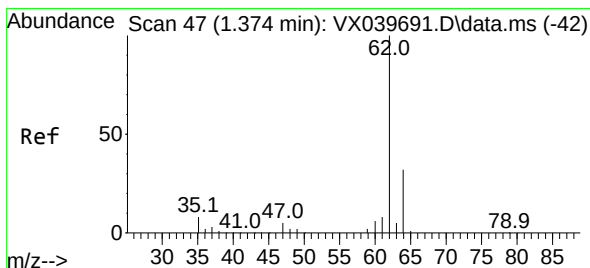
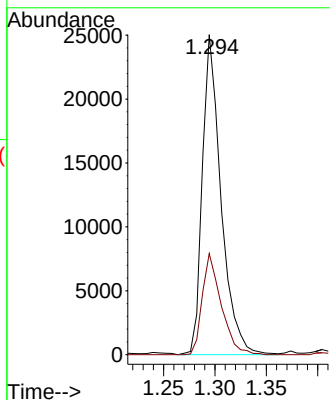
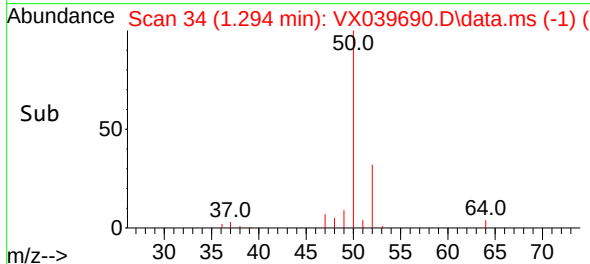
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 50 Resp: 3178
Ion Ratio Lower Upper
50 100
52 31.6 25.5 38.3

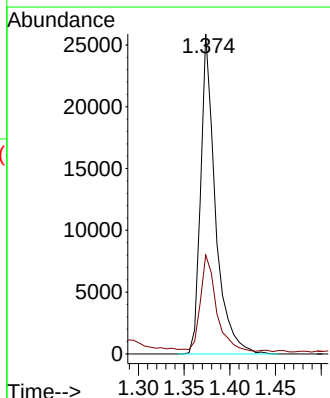
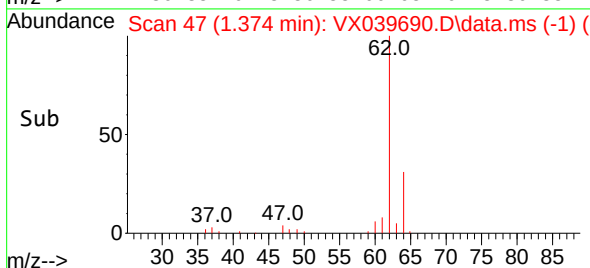
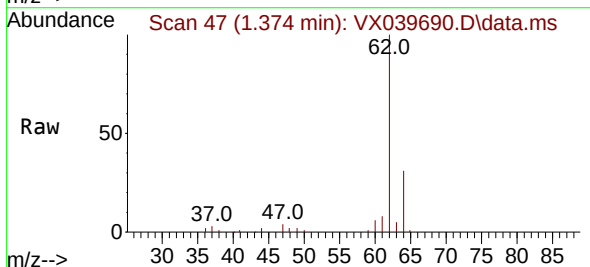
Manual Integrations
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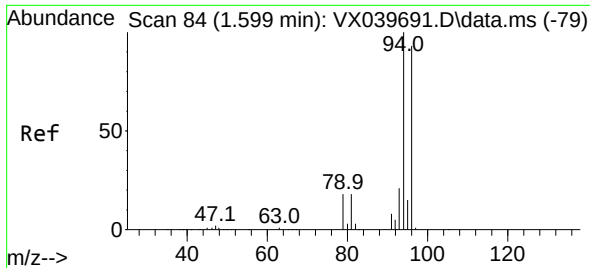
Reviewed By :John Carlone 01/10/2024
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#4
Vinyl Chloride
Concen: 18.758 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

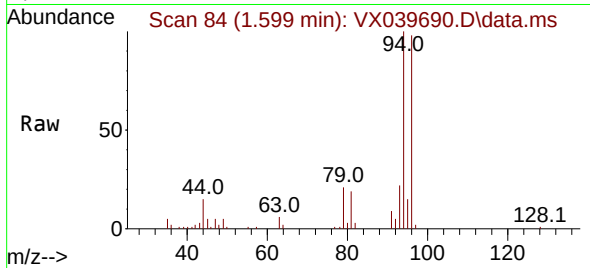
Tgt Ion: 62 Resp: 28898
Ion Ratio Lower Upper
62 100
64 29.9 25.4 38.0





#5
Bromomethane
Concen: 20.525 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

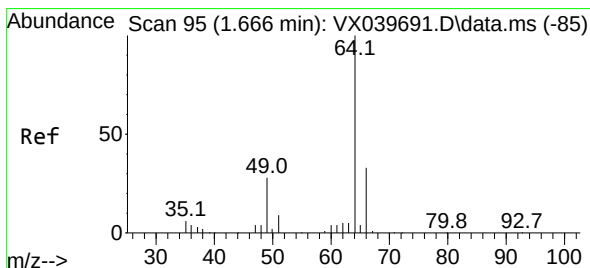
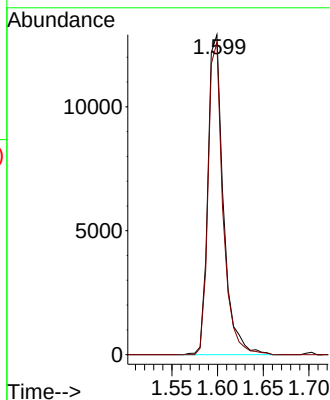
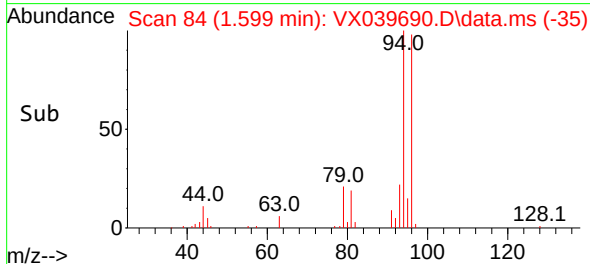
Instrument : MSVOA_X
ClientSampleId : VSTDIC020



Tgt Ion: 94 Resp: 15149
Ion Ratio Lower Upper
94 100
96 97.6 74.6 111.8

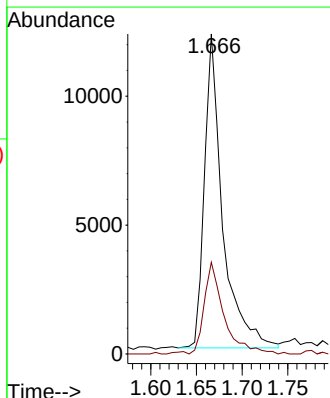
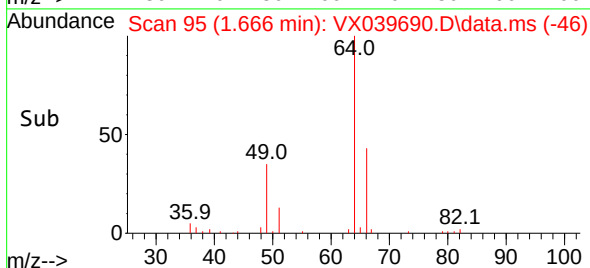
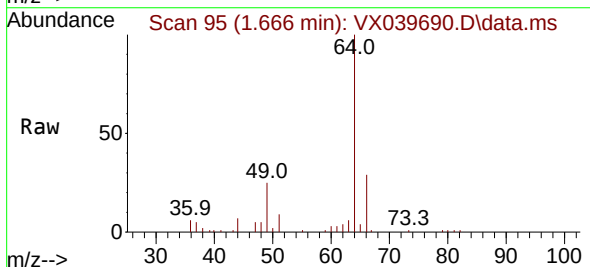
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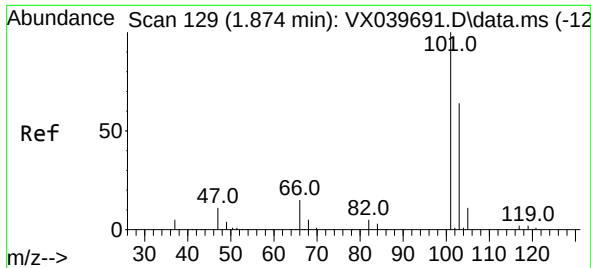
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#6
Chloroethane
Concen: 22.730 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX039690.D
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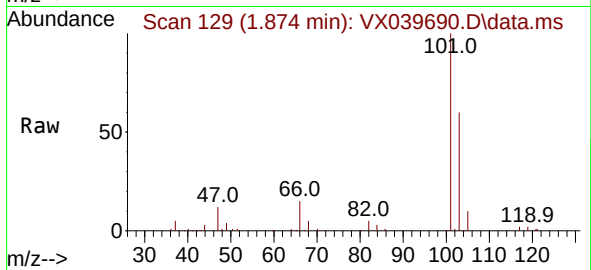
Tgt Ion: 64 Resp: 16787
Ion Ratio Lower Upper
64 100
66 29.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 18.779 ug/l
RT: 1.874 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX039690.D
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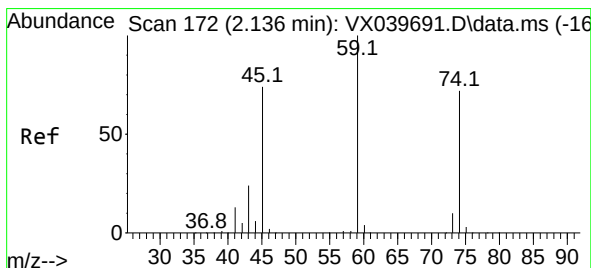
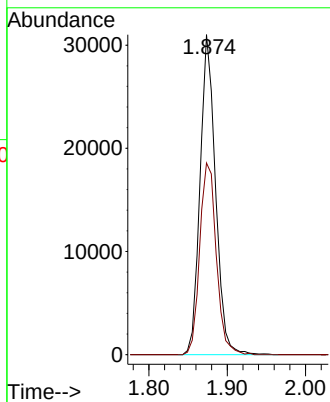
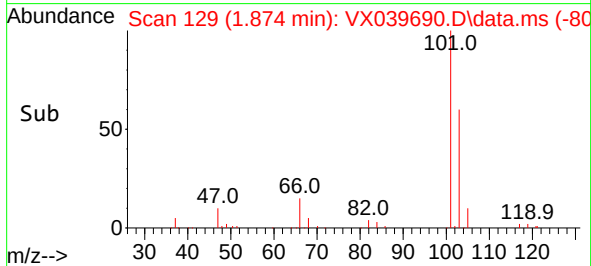
Instrument :
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VSTDICC020



Tgt Ion:101 Resp: 42529
Ion Ratio Lower Upper
101 100
103 59.9 51.4 77.2

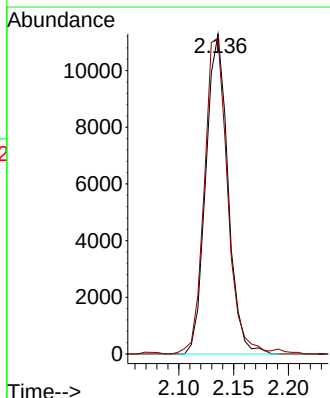
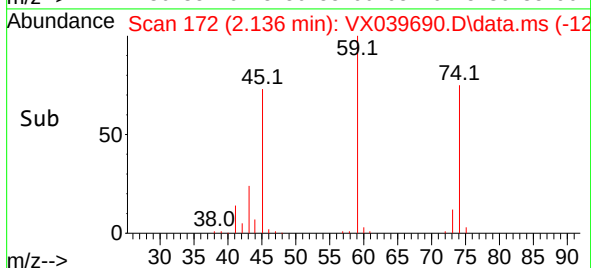
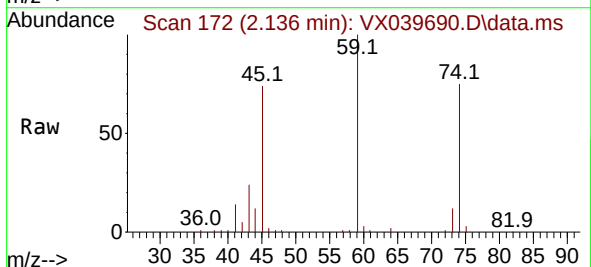
Manual Integrations
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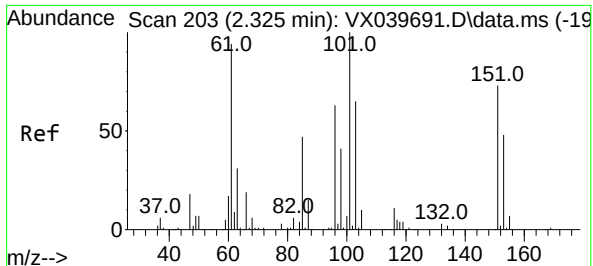
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#8
Diethyl Ether
Concen: 19.305 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Tgt Ion: 74 Resp: 15862
Ion Ratio Lower Upper
74 100
45 103.4 53.3 159.8





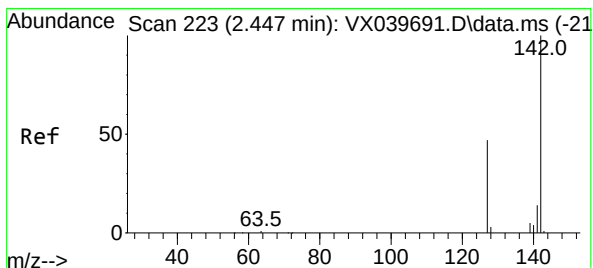
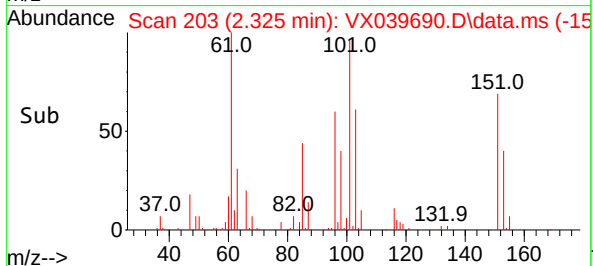
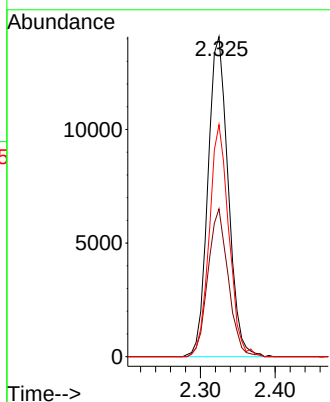
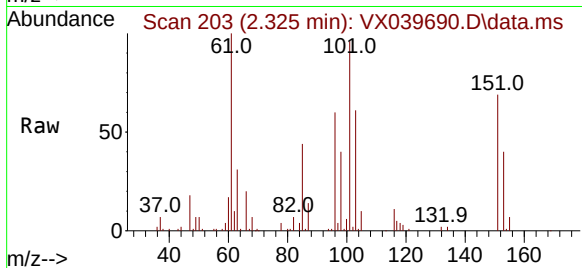
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.683 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Instrument :
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Tgt Ion:101 Resp: 2648
Ion Ratio Lower Upper
101 100
85 46.5 37.0 55.6
151 70.3 58.6 87.8

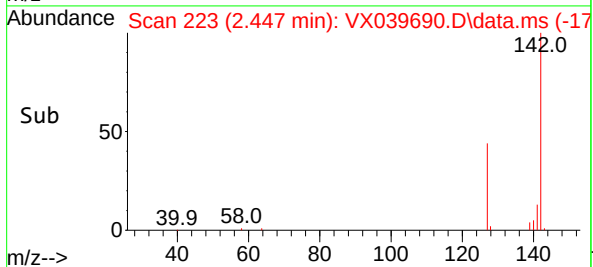
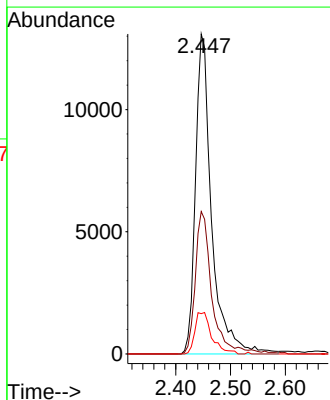
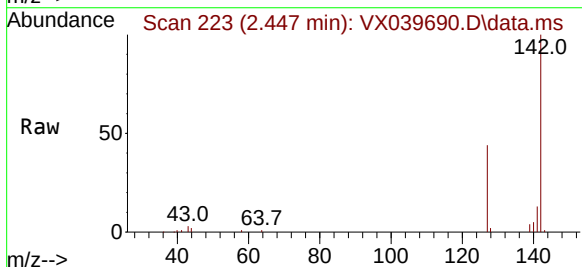
Manual Integrations
APPROVED

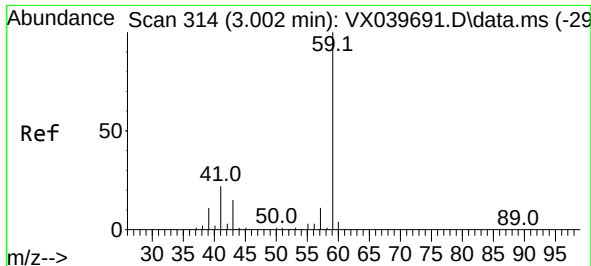
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#10
Methyl Iodide
Concen: 17.722 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

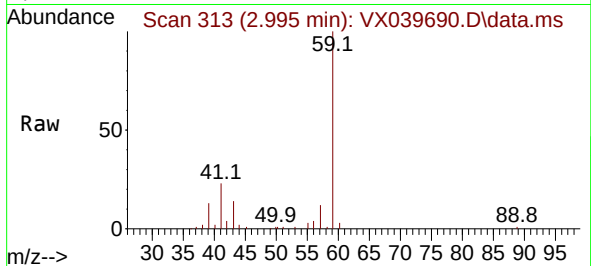
Tgt Ion:142 Resp: 26863
Ion Ratio Lower Upper
142 100
127 45.3 41.6 62.4
141 13.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 94.895 ug/l
RT: 2.995 min Scan# 314
Delta R.T. -0.006 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

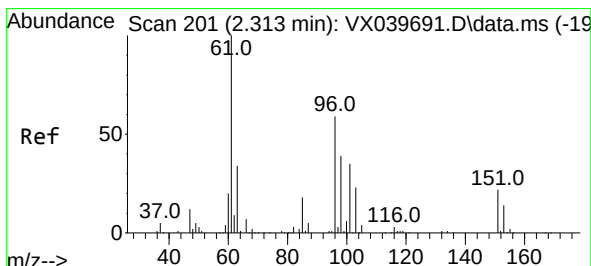
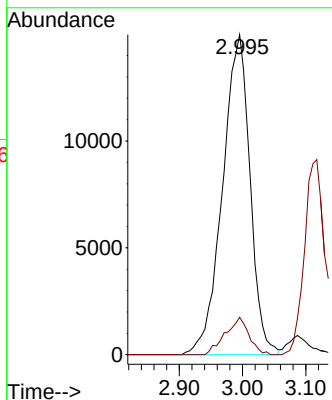
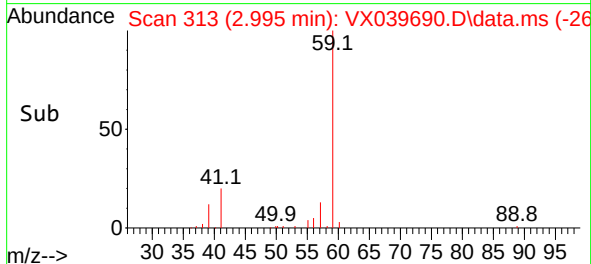
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 59 Resp: 45210
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0

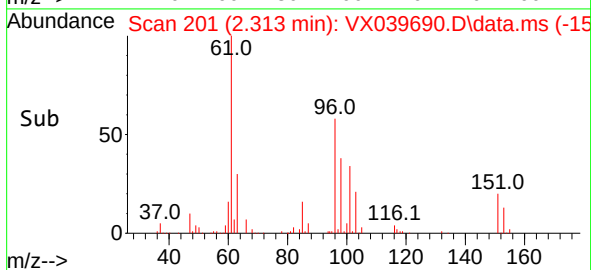
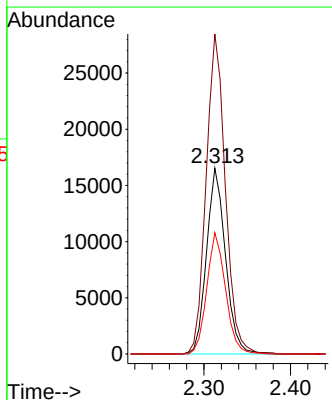
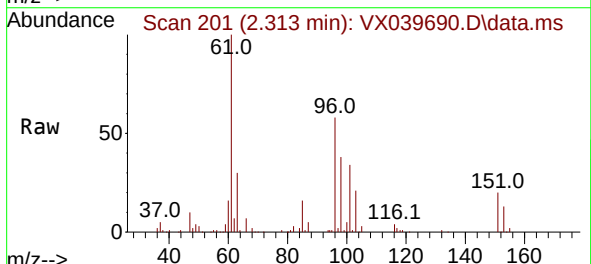
Manual Integrations
APPROVED

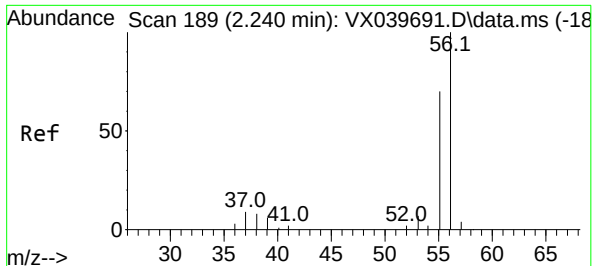
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#12
1,1-Dichloroethene
Concen: 18.908 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

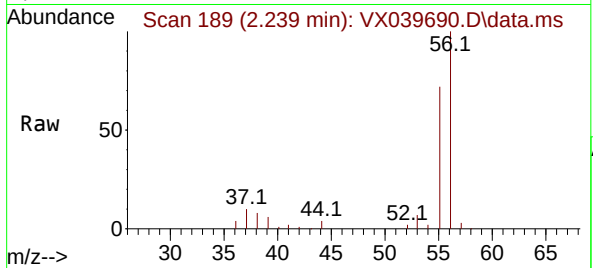
Tgt Ion: 96 Resp: 25207
Ion Ratio Lower Upper
96 100
61 172.2 144.6 216.8
98 65.3 50.4 75.6





#13
Acrolein
Concen: 93.250 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

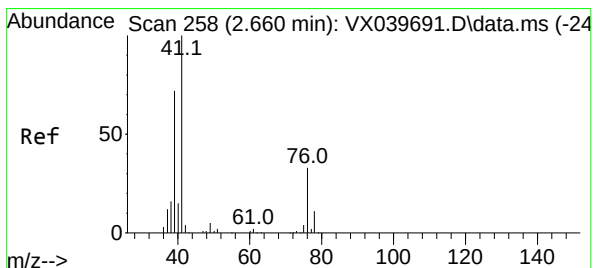
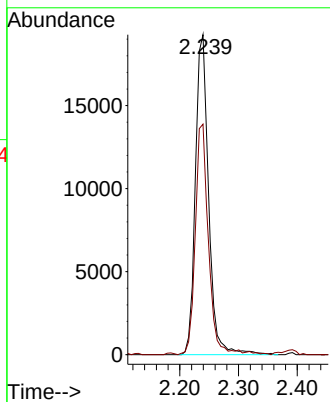
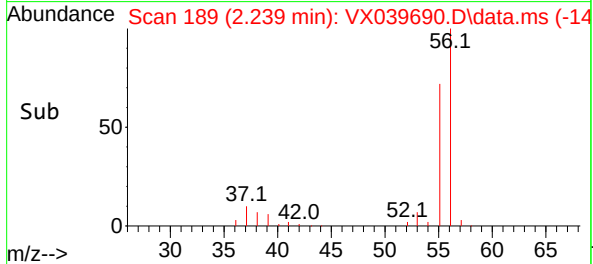
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 3016
Ion Ratio Lower Upper
56 100
55 71.2 57.1 85.7

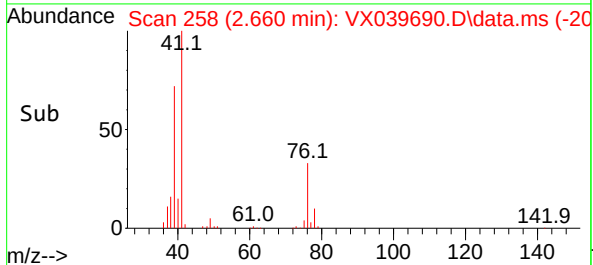
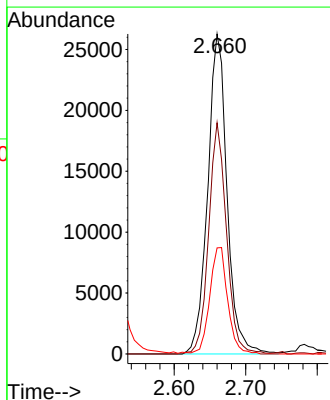
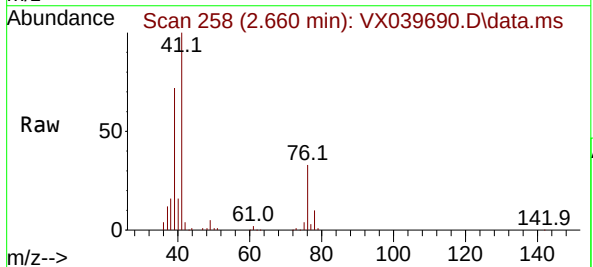
Manual Integrations
APPROVED

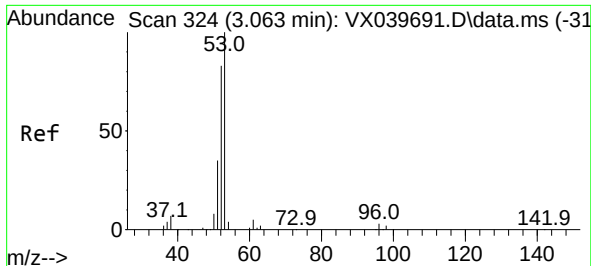
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#14
Allyl chloride
Concen: 19.007 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

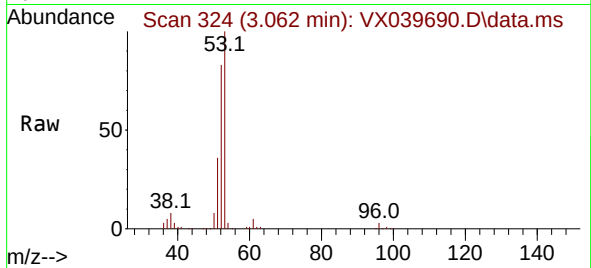
Tgt Ion: 41 Resp: 49474
Ion Ratio Lower Upper
41 100
39 66.4 55.8 83.6
76 30.7 24.3 36.5





#15
Acrylonitrile
Concen: 97.847 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

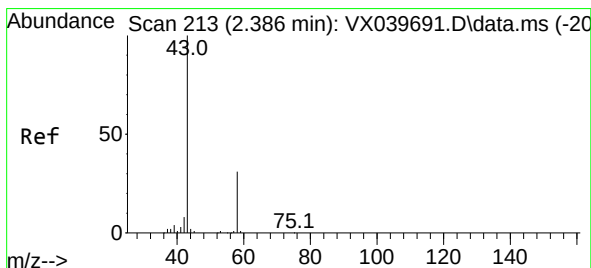
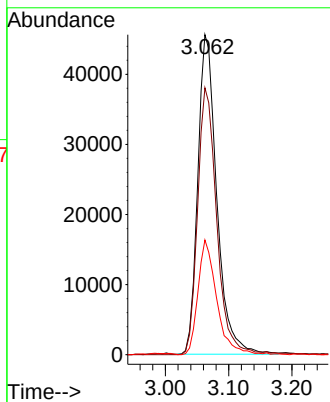
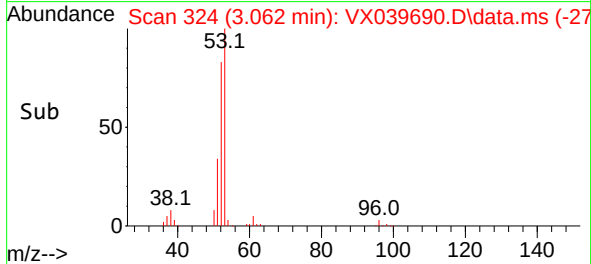
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 9556
Ion Ratio Lower Upper
53 100
52 84.5 66.0 99.0
51 35.5 29.8 44.6

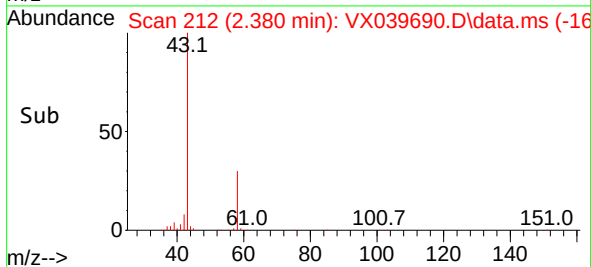
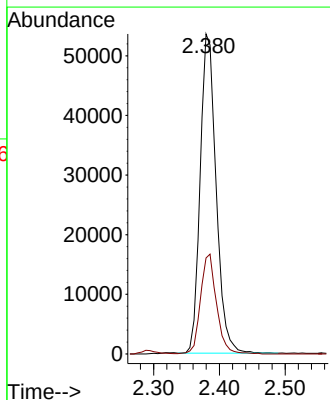
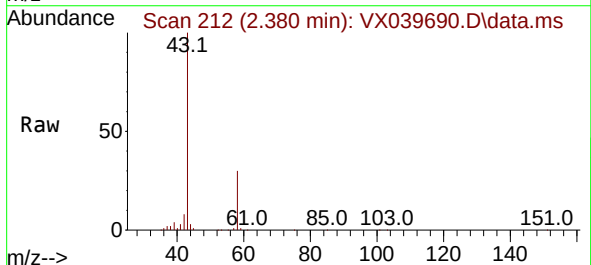
Manual Integrations
APPROVED

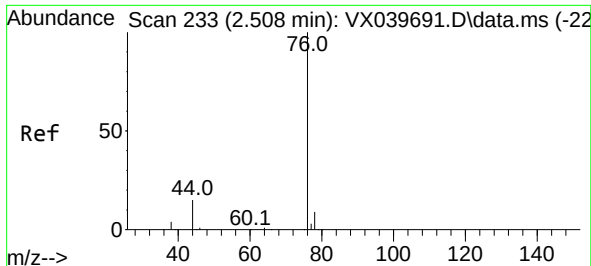
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#16
Acetone
Concen: 92.483 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Tgt Ion: 43 Resp: 90344
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9





#17

Carbon Disulfide

Concen: 17.609 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039690.D

Acq: 09 Jan 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 67719

Ion Ratio Lower Upper

76 100

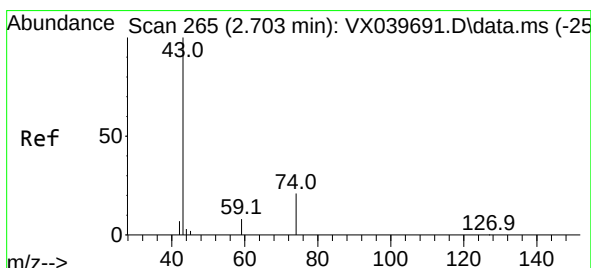
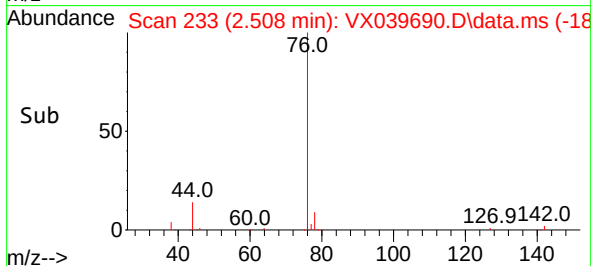
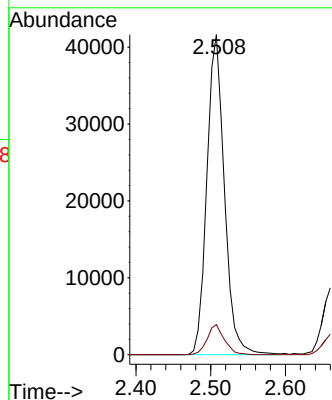
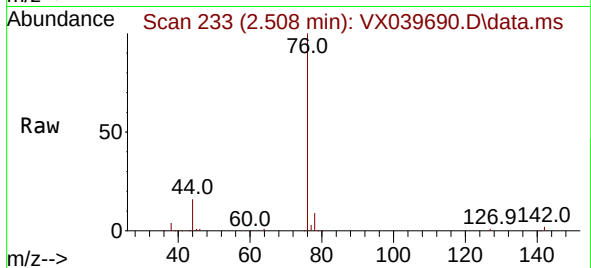
78 9.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#18

Methyl Acetate

Concen: 19.450 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX039690.D

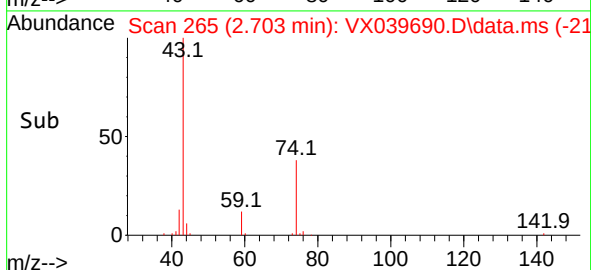
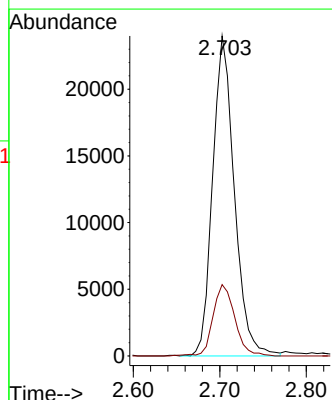
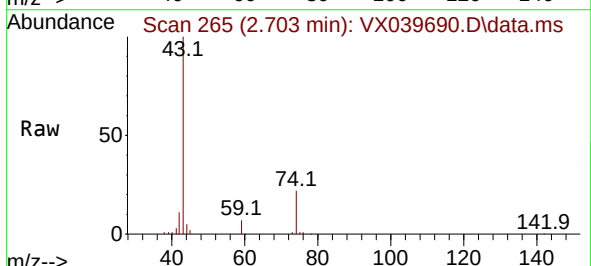
Acq: 09 Jan 2024 19:31

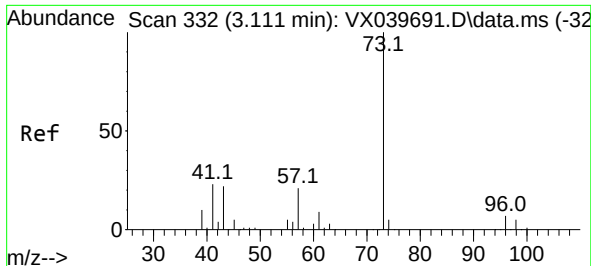
Tgt Ion: 43 Resp: 41822

Ion Ratio Lower Upper

43 100

74 22.4 17.8 26.8





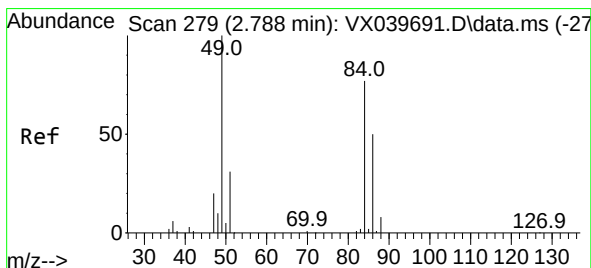
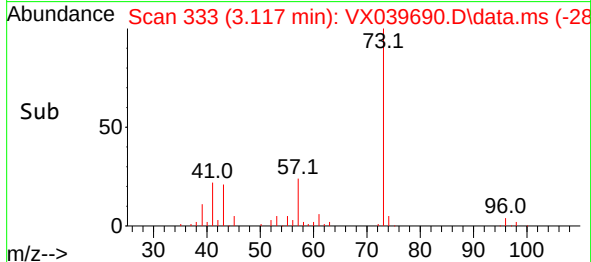
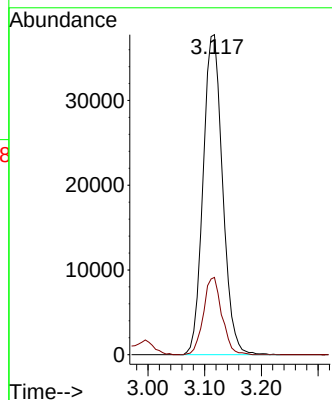
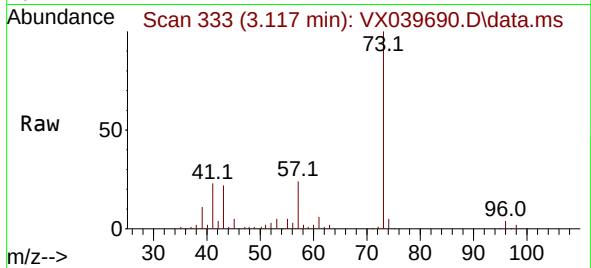
#19
Methyl tert-butyl Ether
Concen: 19.235 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 90154
Ion Ratio Lower Upper
73 100
57 24.2 17.3 25.9

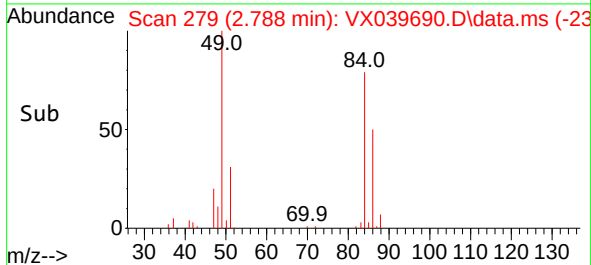
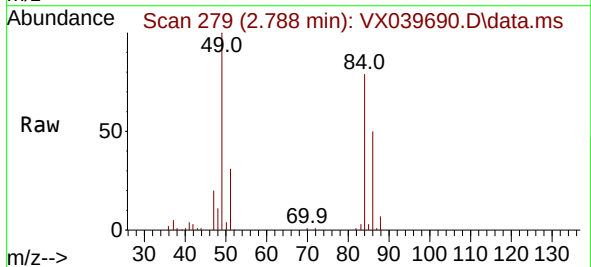
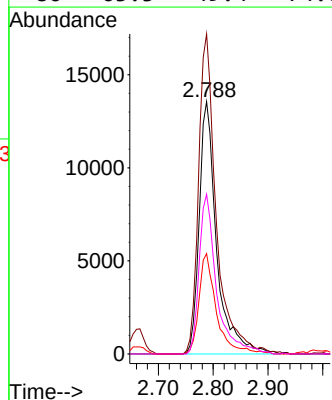
Manual Integrations
APPROVED

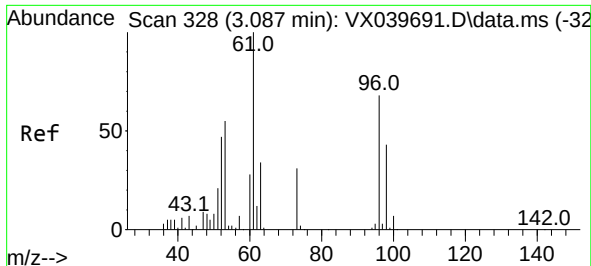
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#20
Methylene Chloride
Concen: 18.568 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

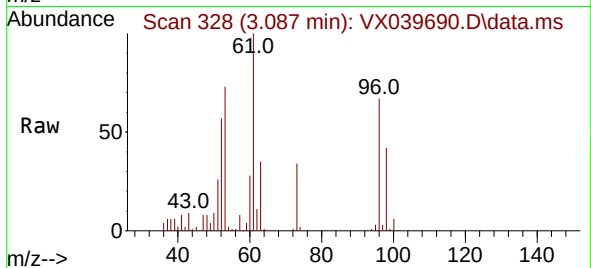
Tgt Ion: 84 Resp: 30122
Ion Ratio Lower Upper
84 100
49 126.8 103.6 155.4
51 39.8 33.8 50.6
86 63.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.679 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

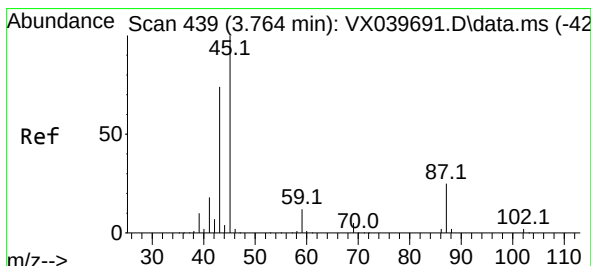
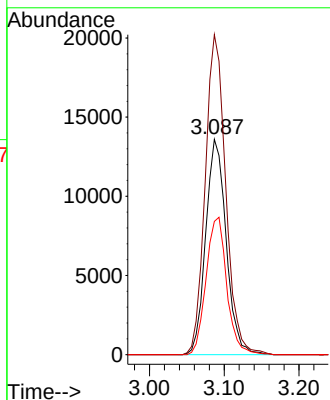
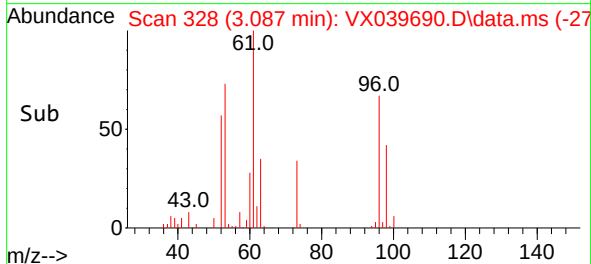
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 2594
Ion Ratio Lower Upper
96 100
61 148.6 119.2 178.8
98 61.9 48.7 73.1

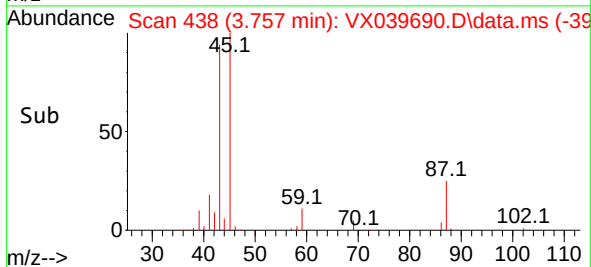
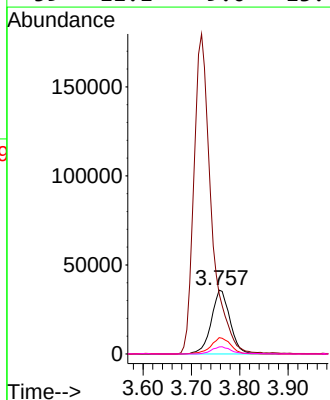
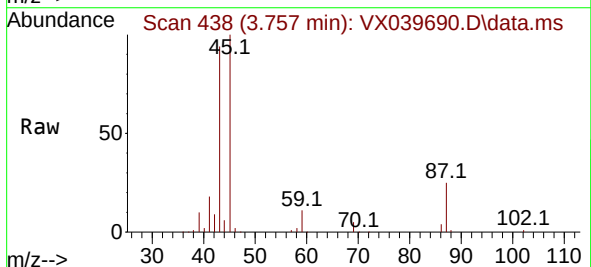
Manual Integrations
APPROVED

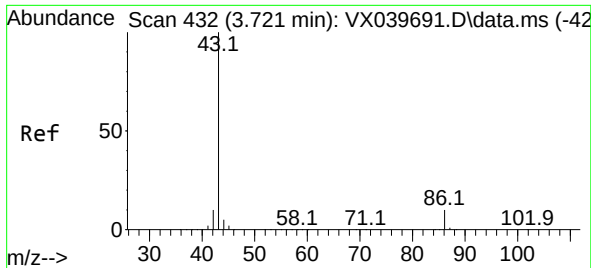
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#22
Diisopropyl ether
Concen: 19.399 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Tgt Ion: 45 Resp: 95960
Ion Ratio Lower Upper
45 100
43 94.1 69.7 104.5
87 25.5 20.8 31.2
59 11.1 9.0 13.4





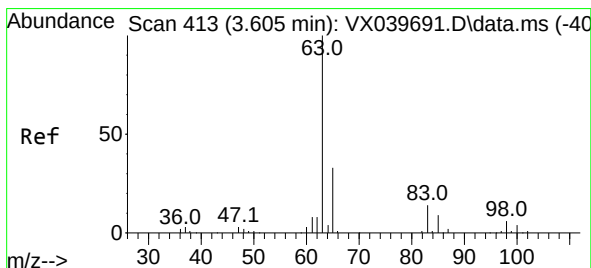
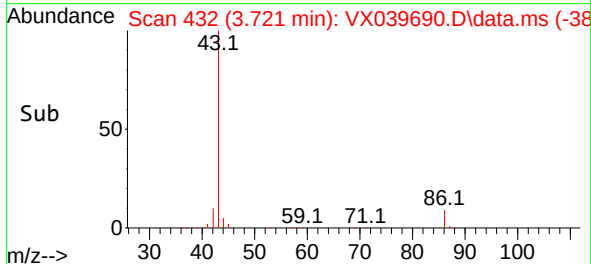
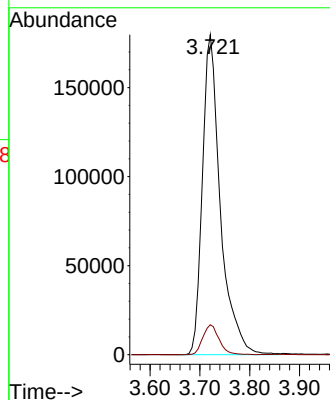
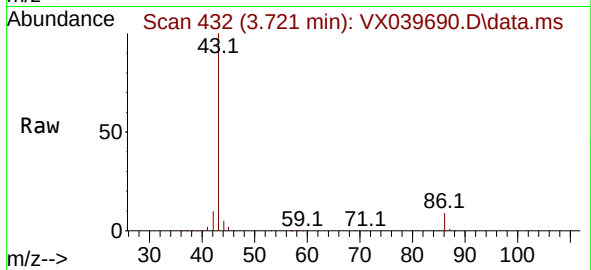
#23
 Vinyl Acetate
 Concen: 98.340 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039690.D
 Acq: 09 Jan 2024 19:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 450715
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8

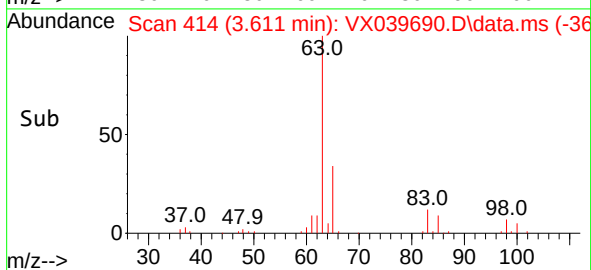
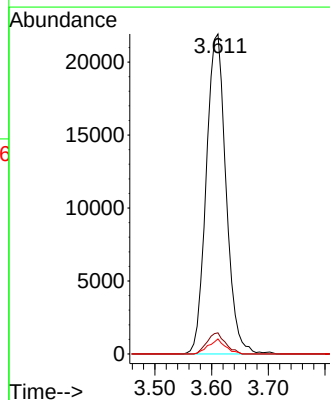
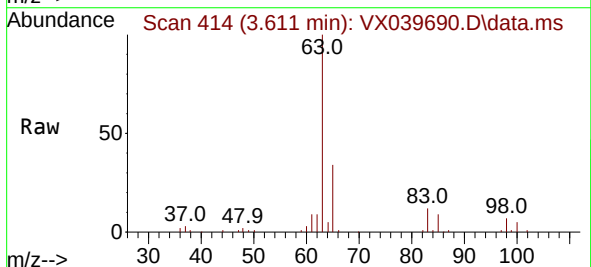
Manual Integrations
 APPROVED

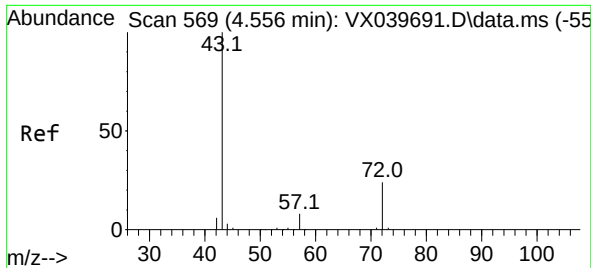
Reviewed By :John Carlone 01/10/2024
 Supervised By :Mahesh Dadoda 01/10/2024



#24
 1,1-Dichloroethane
 Concen: 19.447 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX039690.D
 Acq: 09 Jan 2024 19:31

Tgt Ion: 63 Resp: 53149
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.7 2.1 6.5





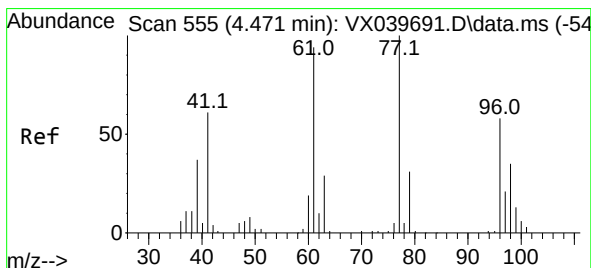
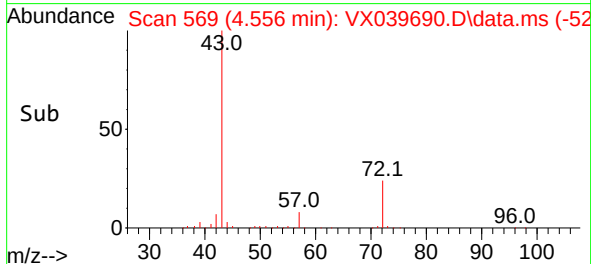
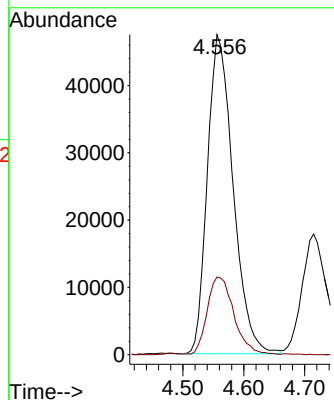
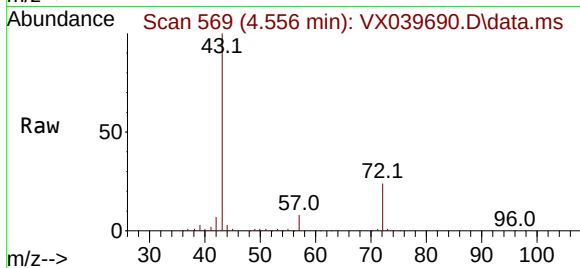
#25
2-Butanone
Concen: 97.377 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 139058
Ion Ratio Lower Upper
43 100
72 24.2 19.4 29.2

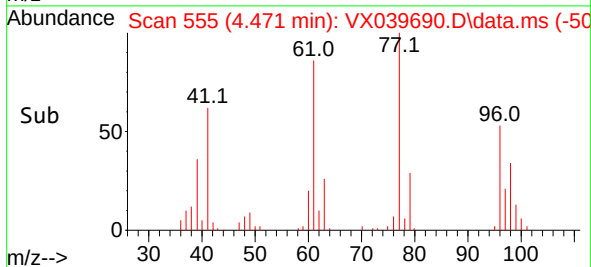
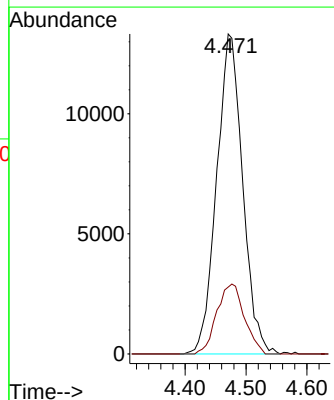
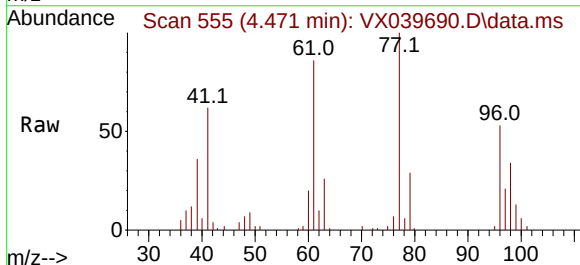
Manual Integrations
APPROVED

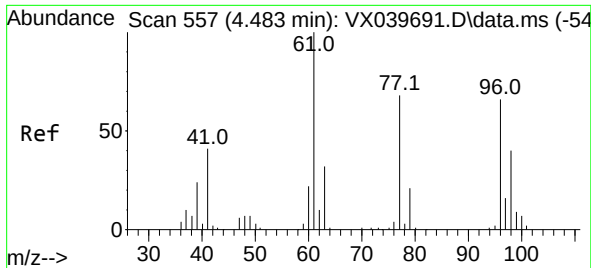
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#26
2,2-Dichloropropane
Concen: 18.317 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

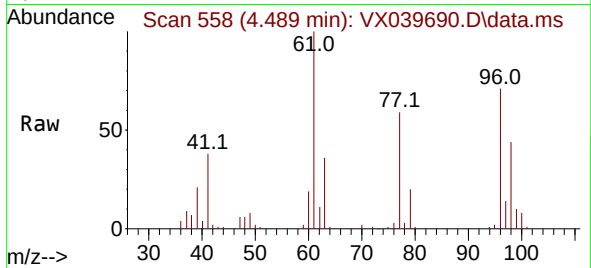
Tgt Ion: 77 Resp: 39490
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 18.775 ug/l
 RT: 4.489 min Scan# 557
 Delta R.T. 0.006 min
 Lab File: VX039690.D
 Acq: 09 Jan 2024 19:31

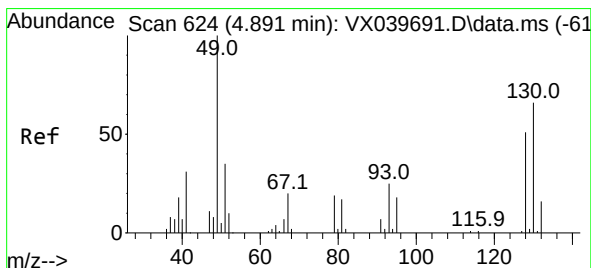
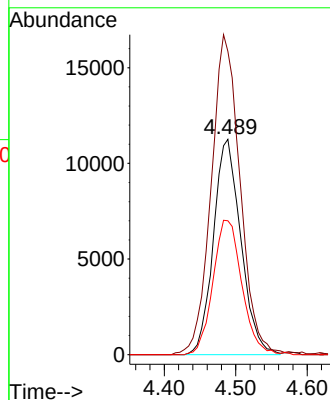
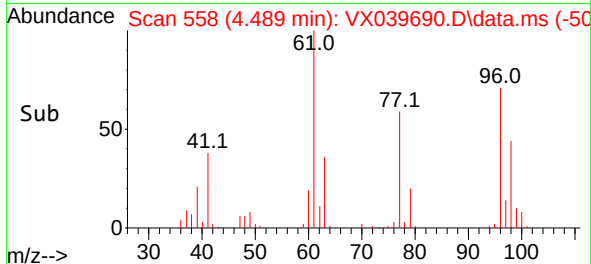
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 2998
 Ion Ratio Lower Upper
 96 100
 61 157.1 0.0 312.2
 98 65.7 0.0 129.0

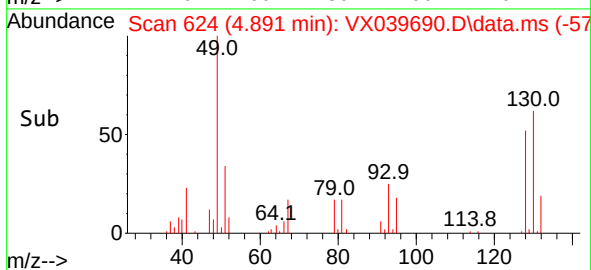
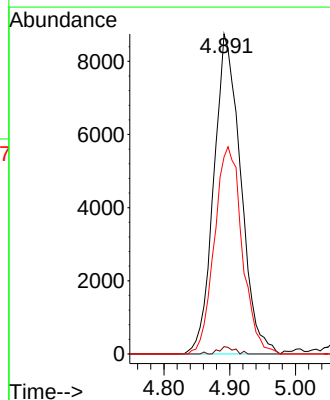
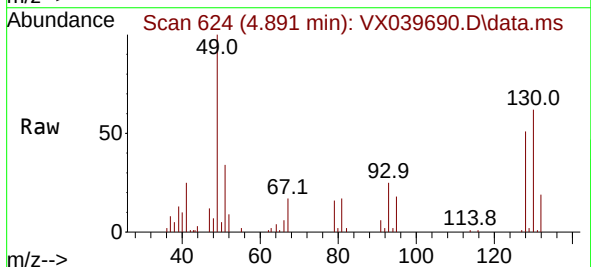
Manual Integrations
 APPROVED

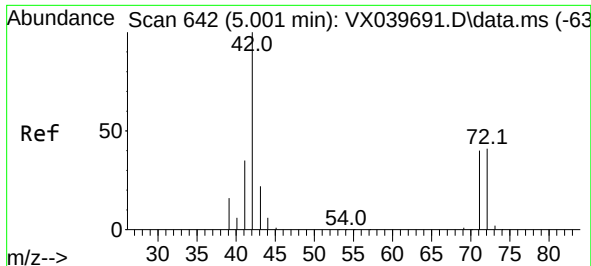
Reviewed By :John Carlone 01/10/2024
 Supervised By :Mahesh Dadoda 01/10/2024



#28
 Bromochloromethane
 Concen: 19.914 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.000 min
 Lab File: VX039690.D
 Acq: 09 Jan 2024 19:31

Tgt Ion: 49 Resp: 24927
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.8
 130 66.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 97.387 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX039690.D

Acq: 09 Jan 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

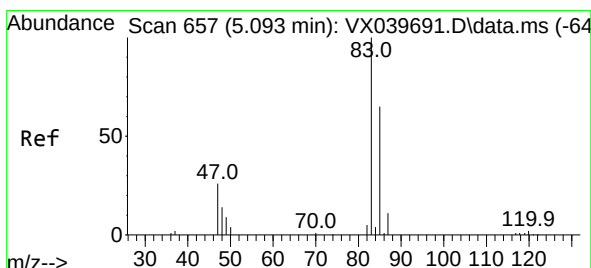
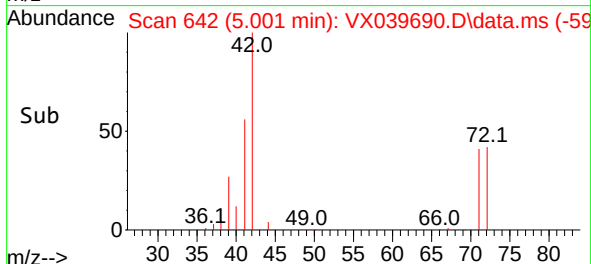
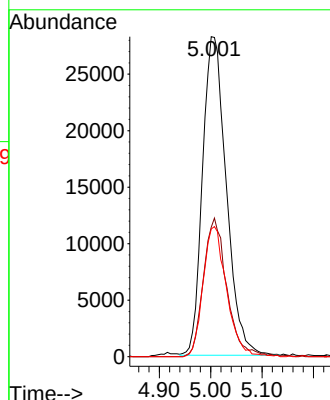
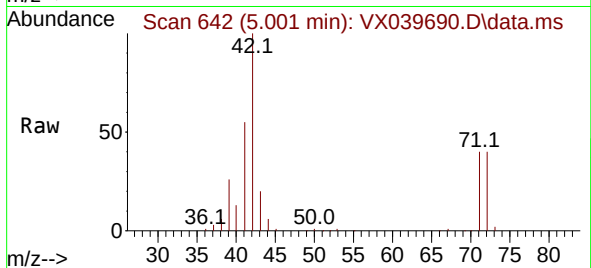
Tgt Ion:	42	Resp:	90680
Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.2	51.4
71	40.3	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#30

Chloroform

Concen: 19.211 ug/l

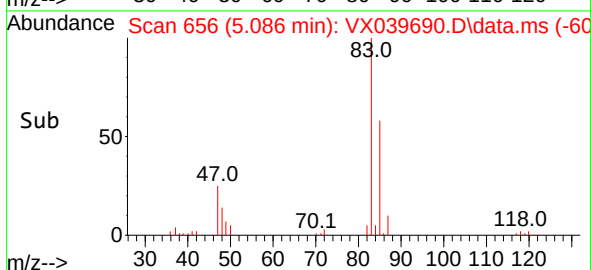
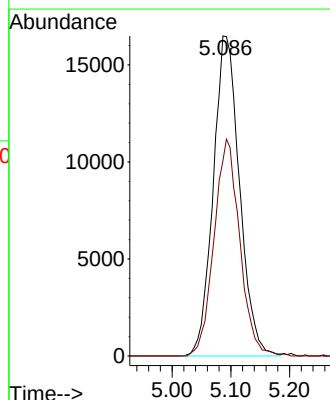
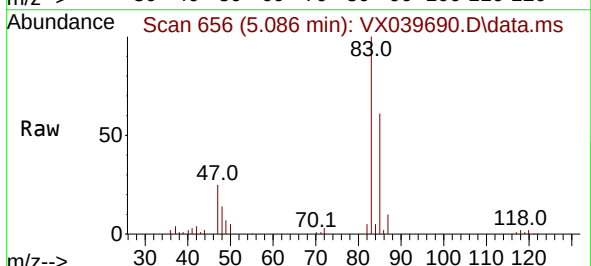
RT: 5.086 min Scan# 656

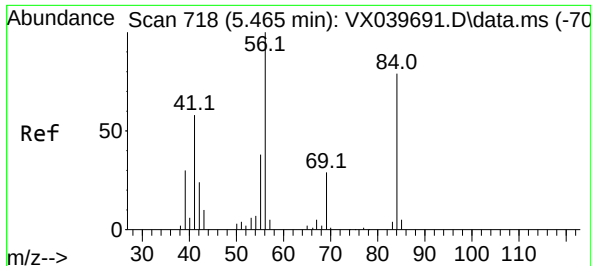
Delta R.T. -0.006 min

Lab File: VX039690.D

Acq: 09 Jan 2024 19:31

Tgt Ion:	83	Resp:	51271
Ion	Ratio	Lower	Upper
83	100		
85	61.0	50.3	75.5





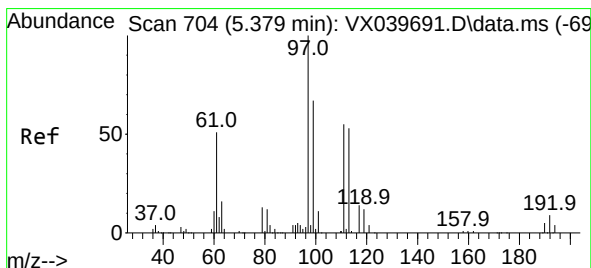
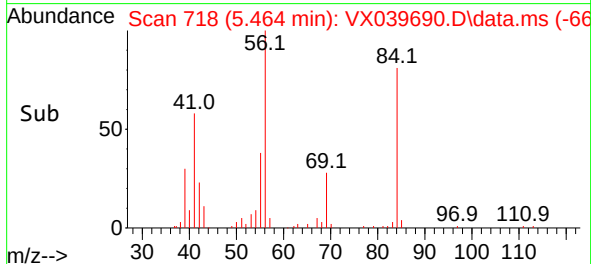
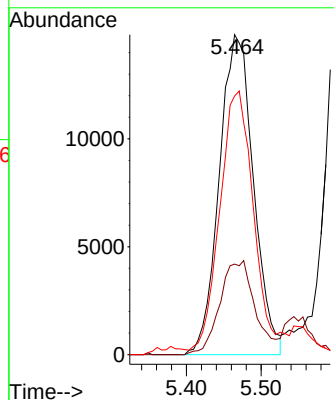
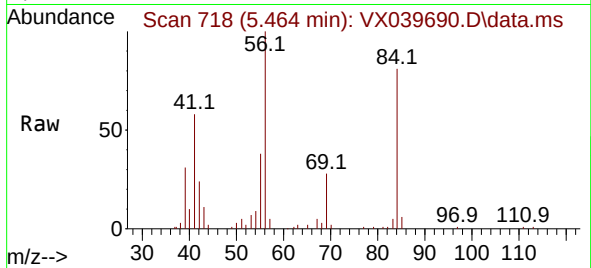
#31
Cyclohexane
Concen: 19.170 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 4720
Ion Ratio Lower Upper
56 100
69 28.3 23.4 35.2
84 79.0 65.9 98.9

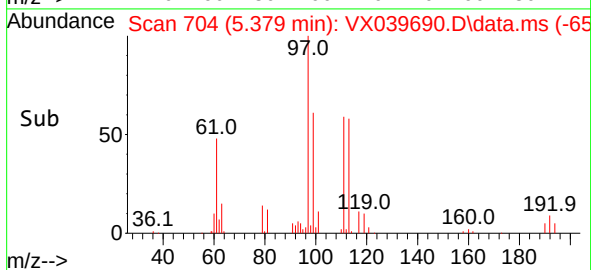
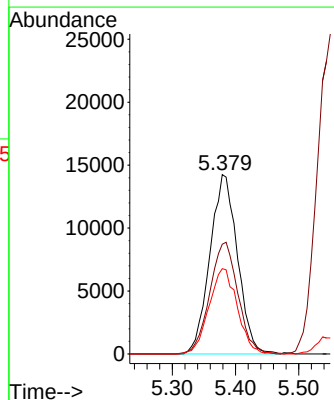
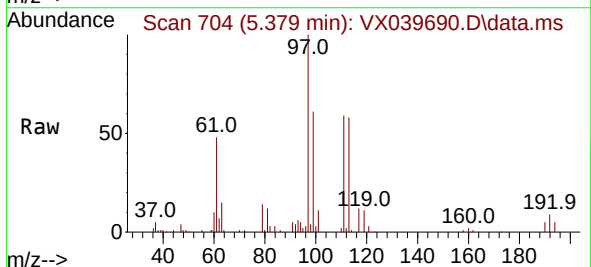
Manual Integrations
APPROVED

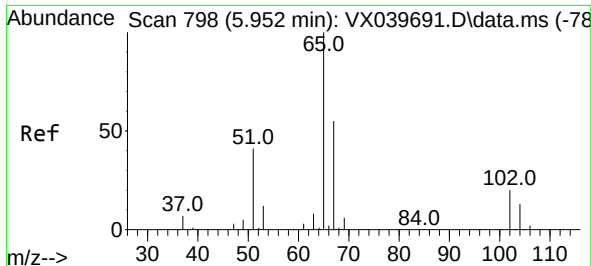
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#32
1,1,1-Trichloroethane
Concen: 19.008 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Tgt Ion: 97 Resp: 43145
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 48.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 19.380 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039690.D

Acq: 09 Jan 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 3508

Ion Ratio Lower Upper

65 100

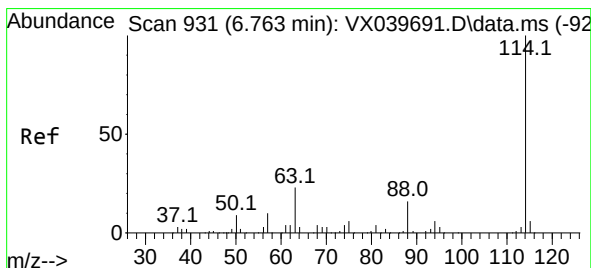
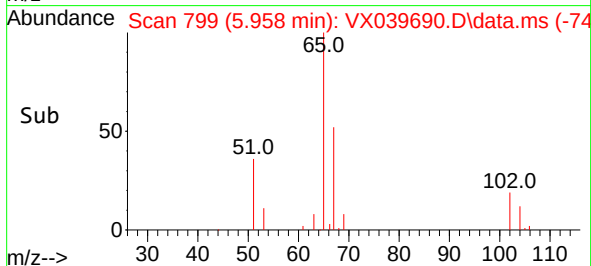
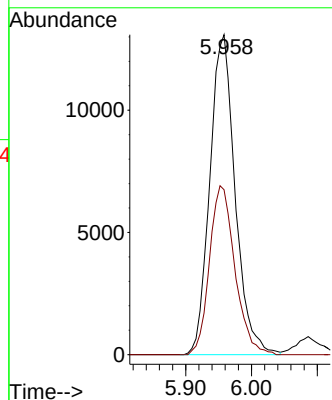
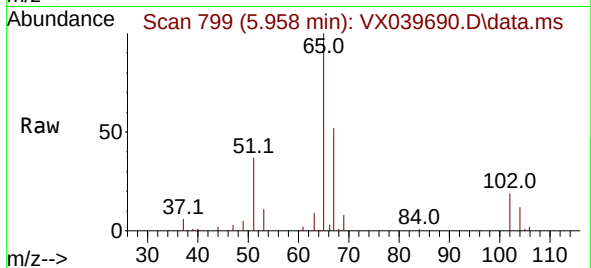
67 53.0 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039690.D

Acq: 09 Jan 2024 19:31

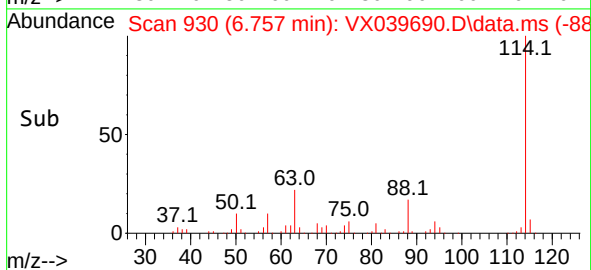
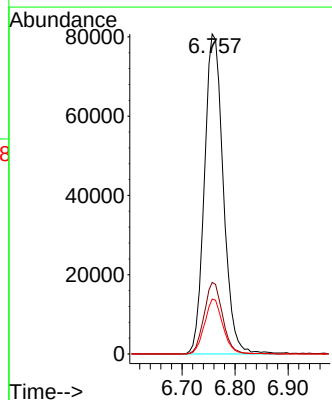
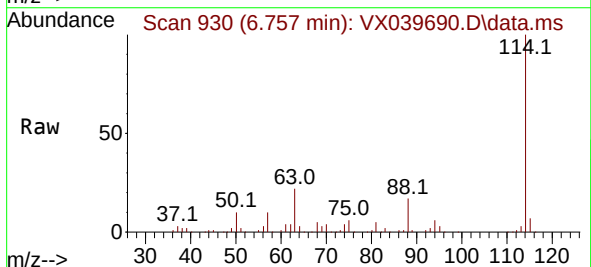
Tgt Ion:114 Resp: 199241

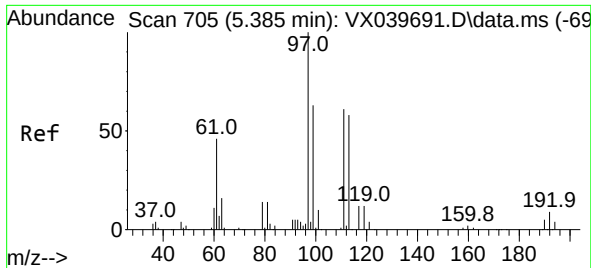
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

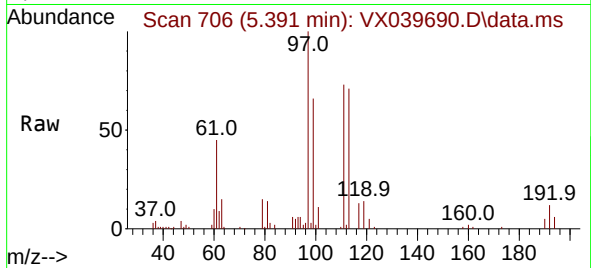
88 17.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 19.828 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

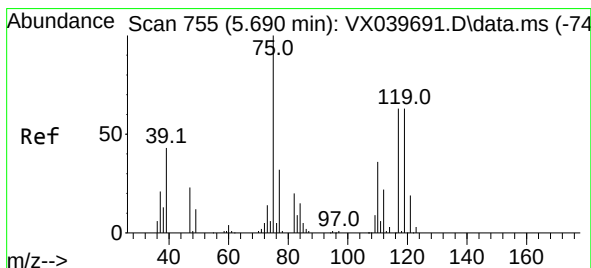
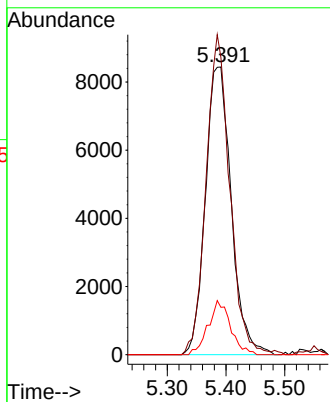
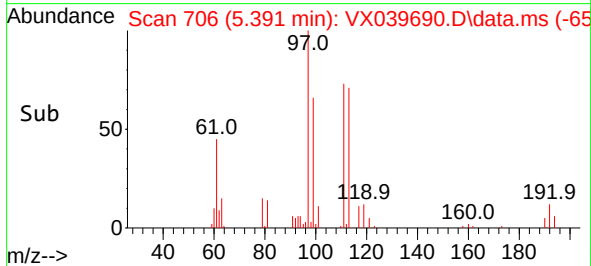
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 113 Resp: 2581
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 16.3 13.3 19.9

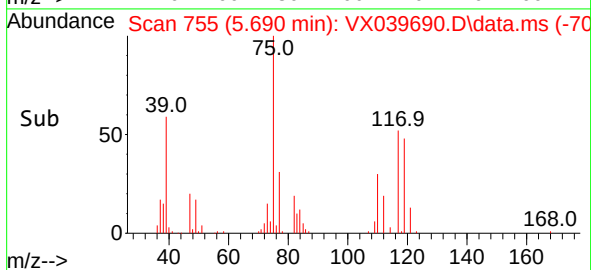
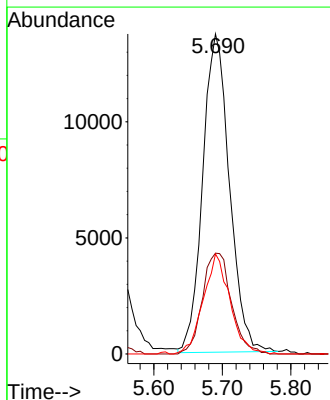
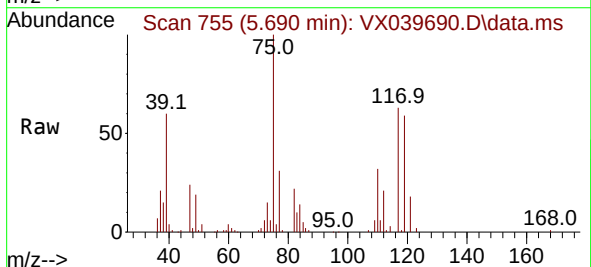
Manual Integrations
APPROVED

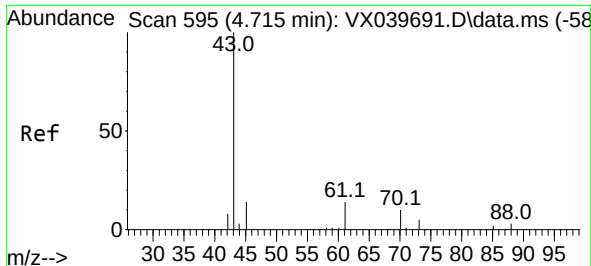
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#36
1,1-Dichloropropene
Concen: 18.289 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

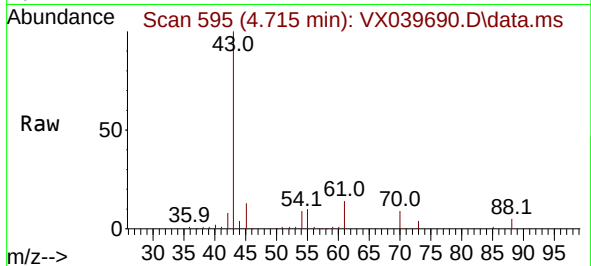
Tgt Ion: 75 Resp: 37243
Ion Ratio Lower Upper
75 100
110 34.2 17.0 50.9
77 31.4 24.7 37.1





#37
Ethyl Acetate
Concen: 19.158 ug/l
RT: 4.715 min Scan# 593
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

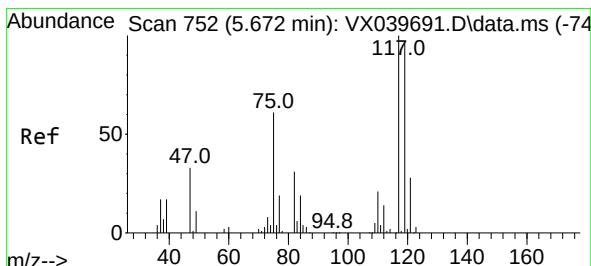
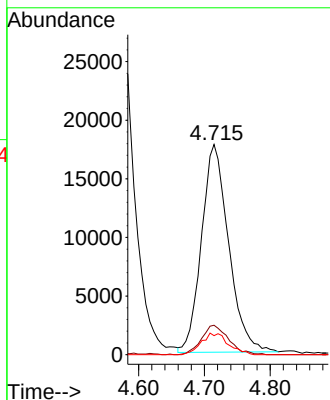
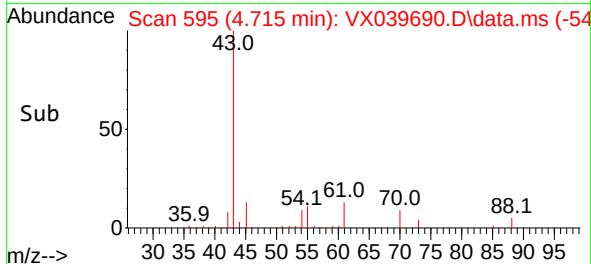
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 50932
Ion Ratio Lower Upper
43 100
61 14.1 10.6 16.0
70 10.3 8.3 12.5

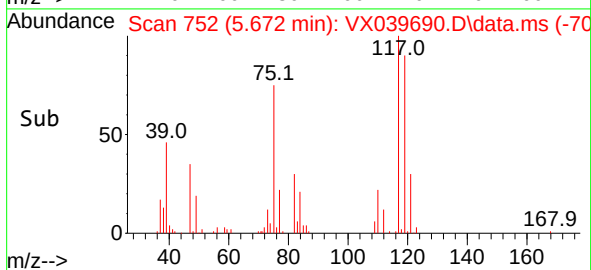
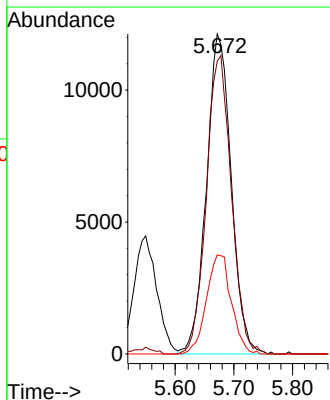
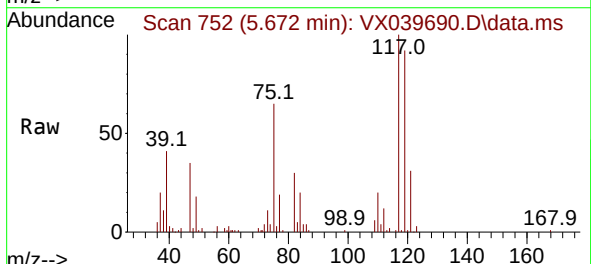
Manual Integrations
APPROVED

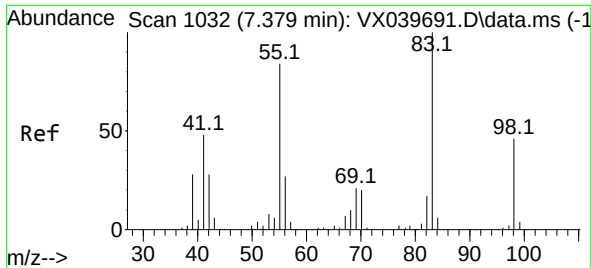
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#38
Carbon Tetrachloride
Concen: 18.511 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Tgt Ion:117 Resp: 35495
Ion Ratio Lower Upper
117 100
119 91.5 78.2 117.2
121 31.0 24.4 36.6





#39
Methylcyclohexane
Concen: 18.740 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

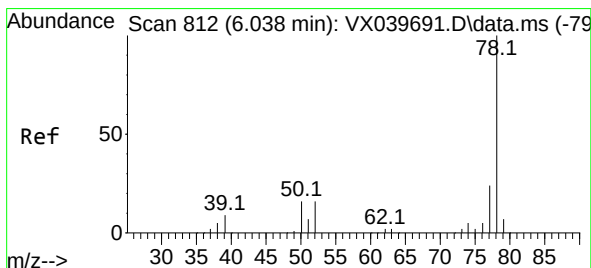
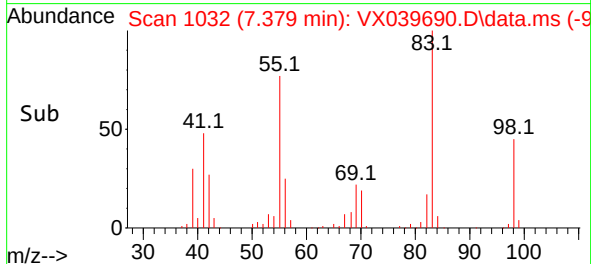
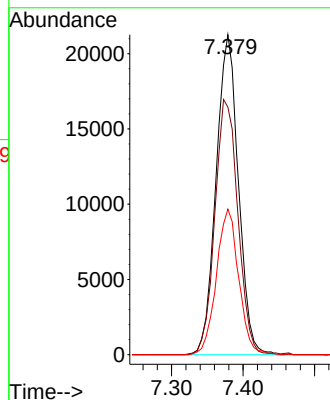
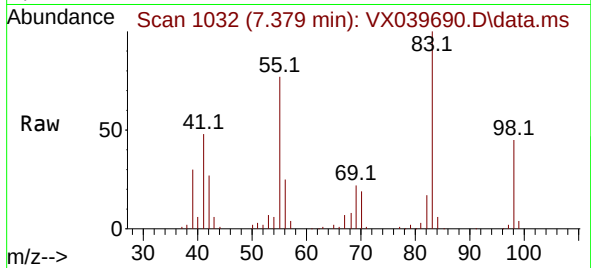
Tgt Ion: 83 Resp: 4601
Ion Ratio Lower Upper
83 100
55 77.4 64.6 97.0
98 45.5 36.7 55.1

Manual Integrations

APPROVED

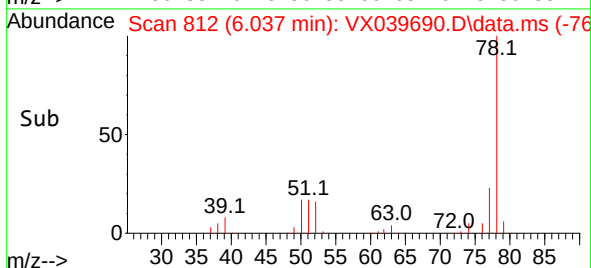
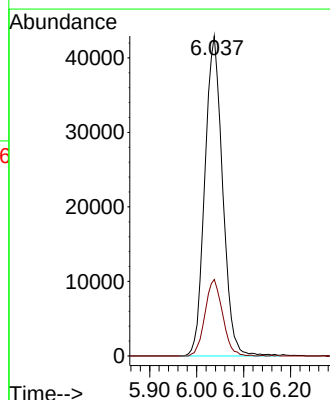
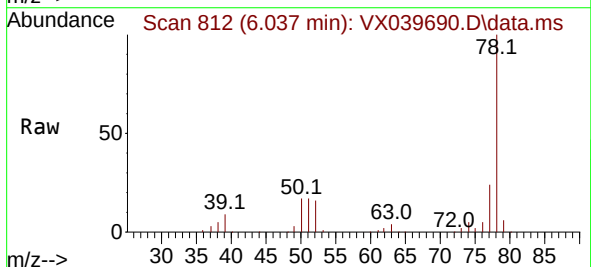
Reviewed By :John Carlone 01/10/2024

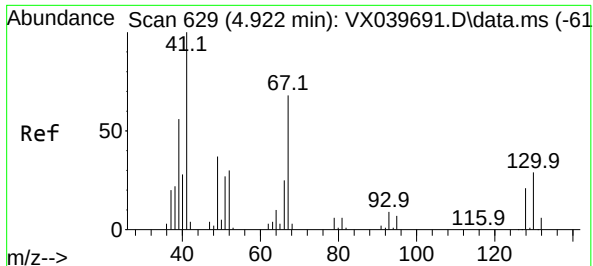
Supervised By :Mahesh Dadoda 01/10/2024



#40
Benzene
Concen: 19.183 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Tgt Ion: 78 Resp: 112779
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 19.113 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Instrument :

MSVOA_X

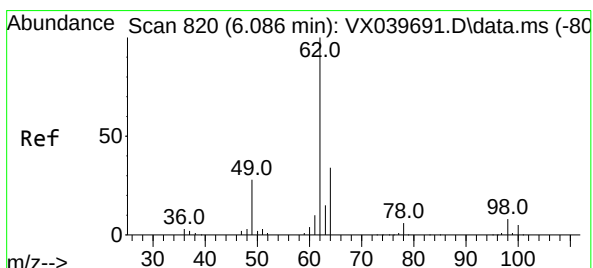
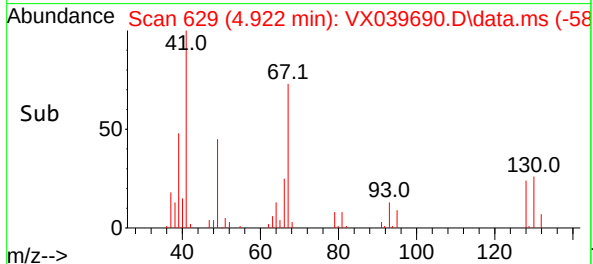
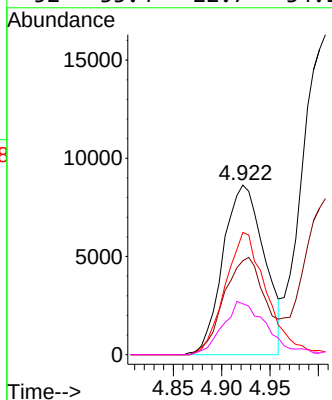
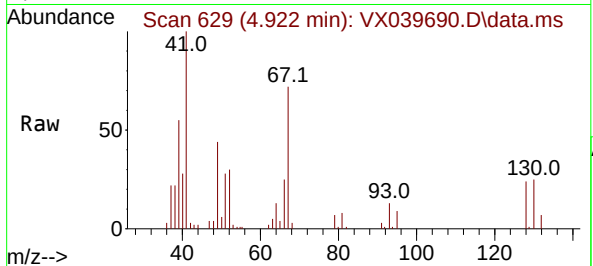
ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 2569
Ion Ratio Lower Upper
41 100
39 57.4 45.2 67.8
67 72.2 52.6 78.8
52 33.4 22.7 34.1

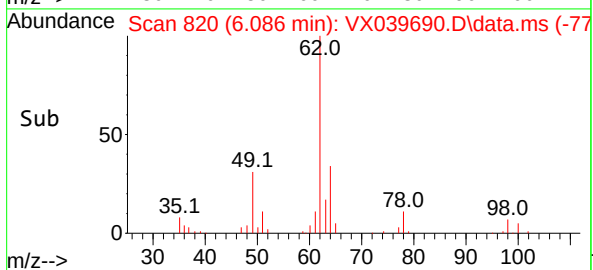
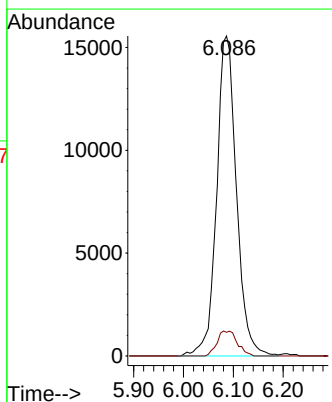
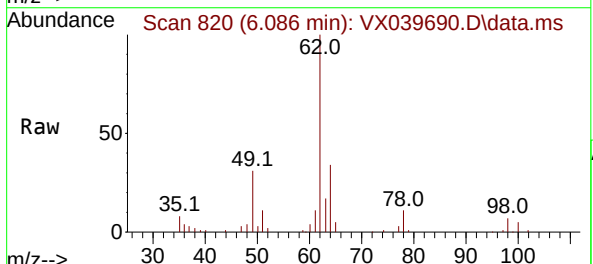
Manual Integrations
APPROVED

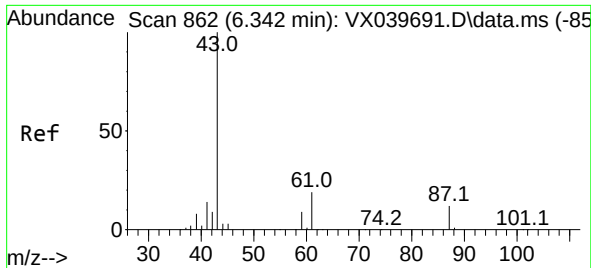
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#42
1,2-Dichloroethane
Concen: 18.882 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Tgt Ion: 62 Resp: 42943
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.0





#43

Isopropyl Acetate

Concen: 19.276 ug/l

RT: 6.342 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX039690.D

Acq: 09 Jan 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

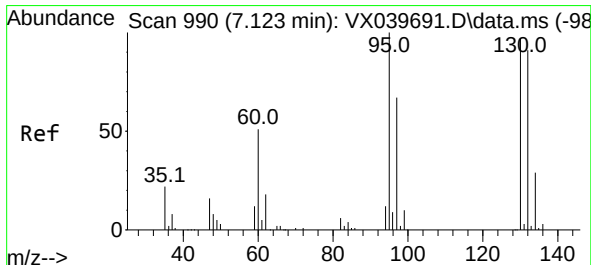
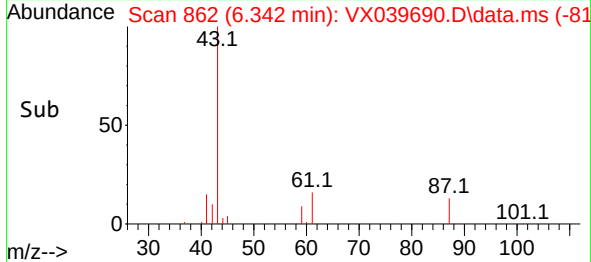
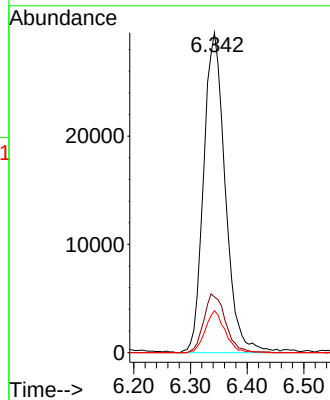
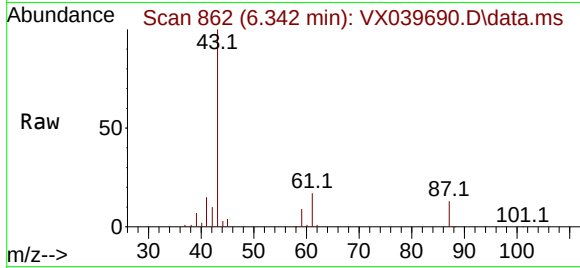
Tgt Ion: 43	Resp: 7842
Ion Ratio	Lower Upper
43 100	
61 18.5	15.2 22.8
87 12.0	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#44

Trichloroethene

Concen: 18.861 ug/l

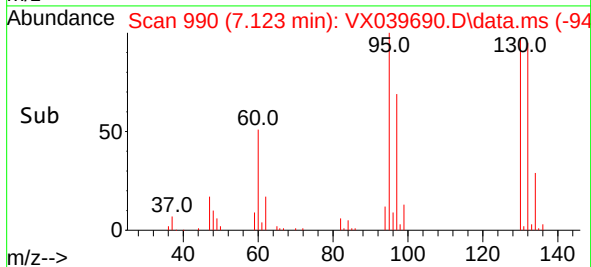
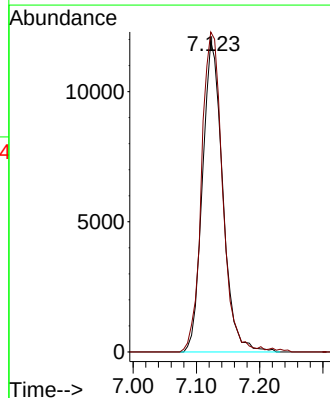
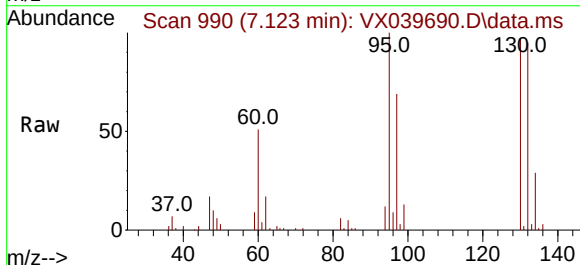
RT: 7.123 min Scan# 990

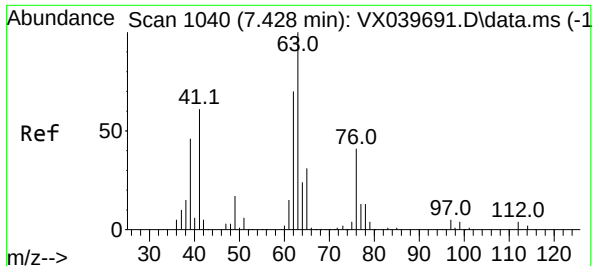
Delta R.T. -0.000 min

Lab File: VX039690.D

Acq: 09 Jan 2024 19:31

Tgt Ion:130	Resp: 26641
Ion Ratio	Lower Upper
130 100	
95 102.9	0.0 204.4





#45

1,2-Dichloropropane

Concen: 19.296 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039690.D

Acq: 09 Jan 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 30940

Ion Ratio Lower Upper

63 100

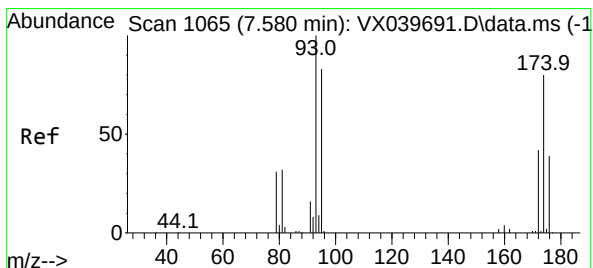
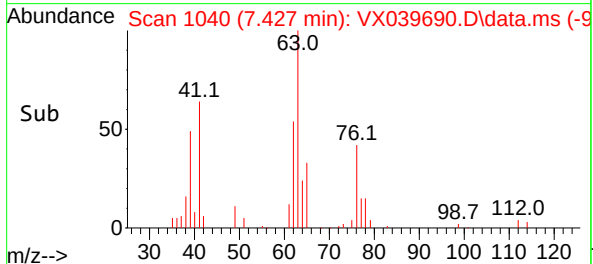
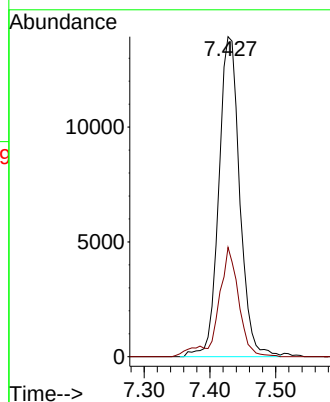
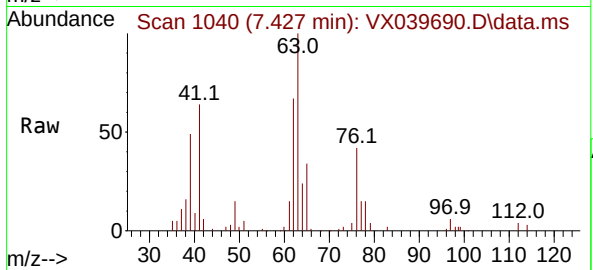
65 34.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#46

Dibromomethane

Concen: 19.230 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX039690.D

Acq: 09 Jan 2024 19:31

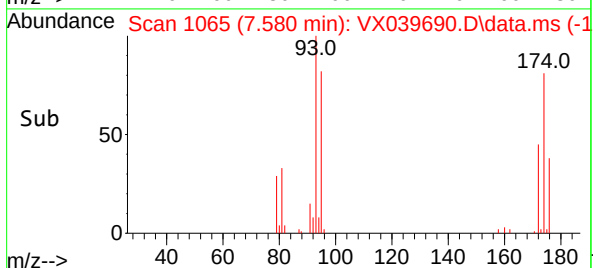
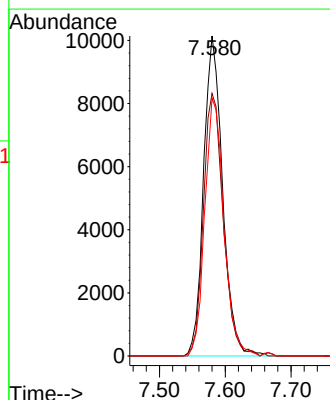
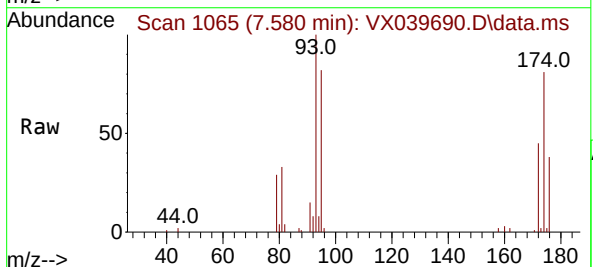
Tgt Ion: 93 Resp: 20444

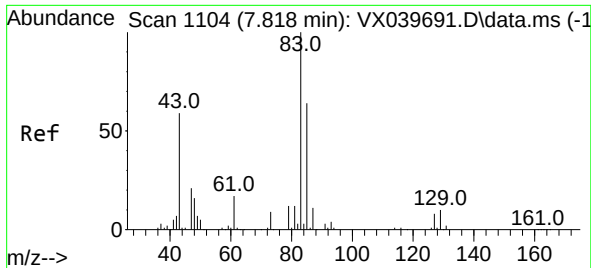
Ion Ratio Lower Upper

93 100

95 85.3 66.6 100.0

174 80.8 69.4 104.0





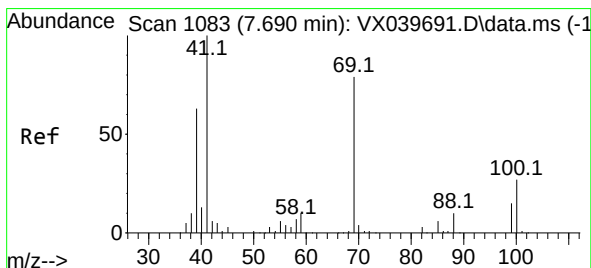
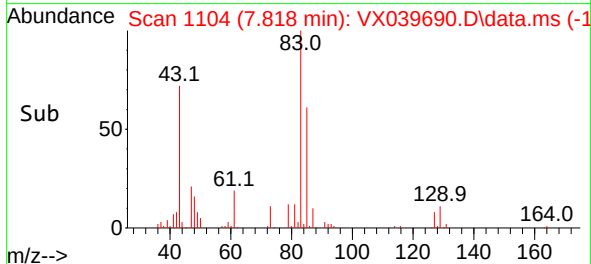
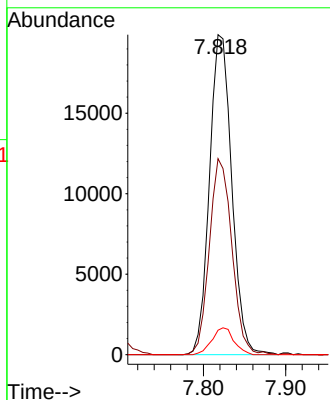
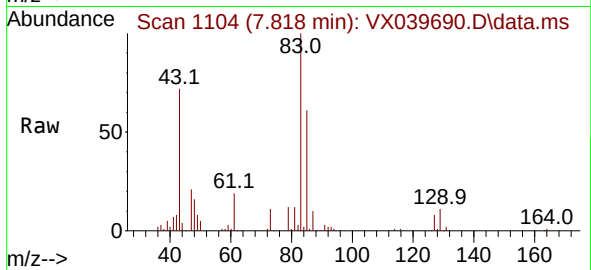
#47
Bromodichloromethane
Concen: 19.105 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 3744
Ion Ratio Lower Upper
83 100
85 61.3 49.8 74.6
127 7.6 7.1 10.7

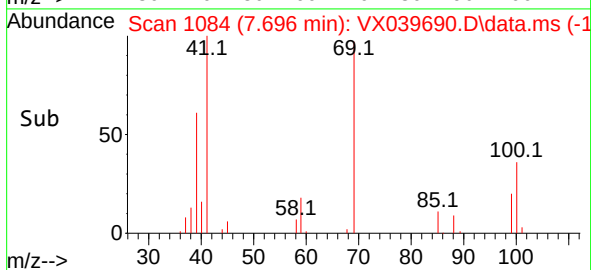
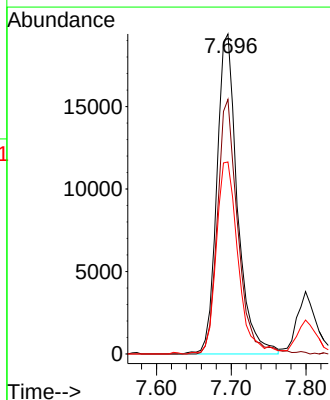
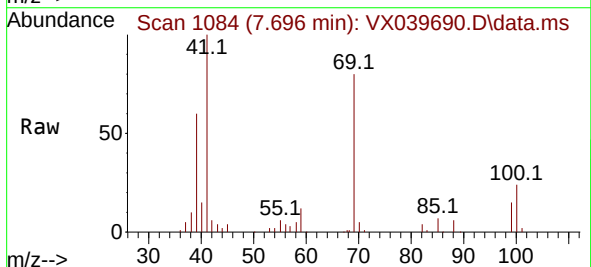
Manual Integrations
APPROVED

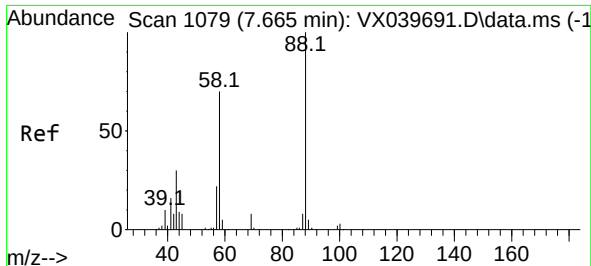
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#48
Methyl methacrylate
Concen: 19.345 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Tgt Ion: 41 Resp: 37236
Ion Ratio Lower Upper
41 100
69 78.9 59.2 88.8
39 63.4 47.7 71.5





#49

1,4-Dioxane

Concen: 400.142 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VX039690.D

Acq: 09 Jan 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 1566

Ion Ratio Lower Upper

88 100

43 35.8 0.0 0.0

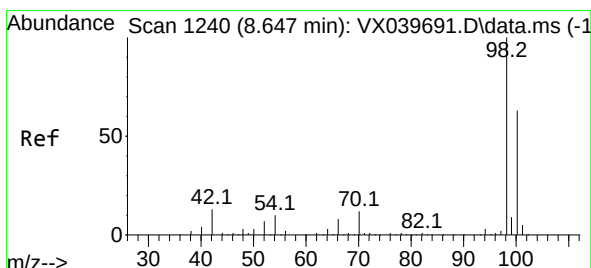
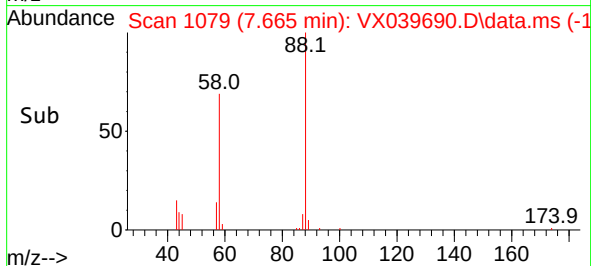
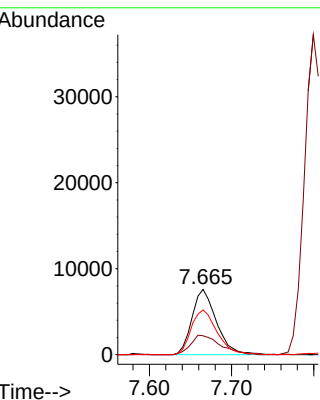
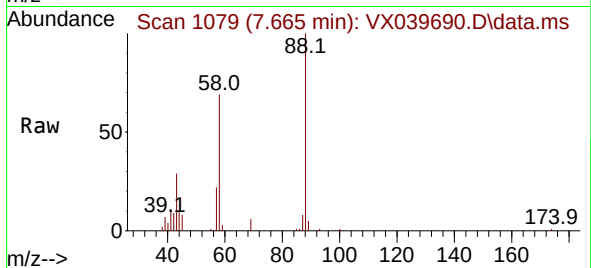
58 72.4 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#50

Toluene-d8

Concen: 19.514 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX039690.D

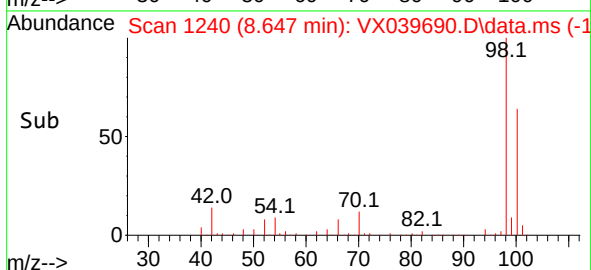
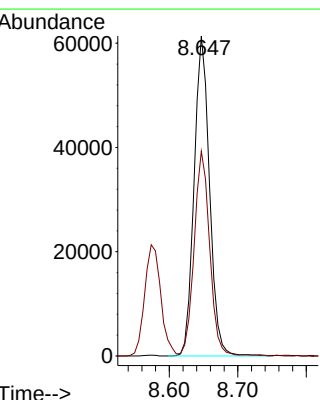
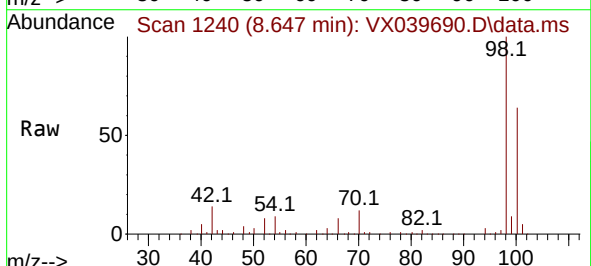
Acq: 09 Jan 2024 19:31

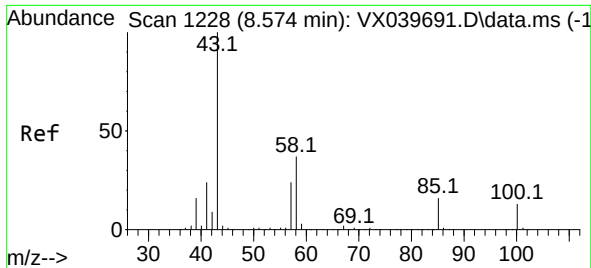
Tgt Ion: 98 Resp: 96246

Ion Ratio Lower Upper

98 100

100 63.3 53.1 79.7





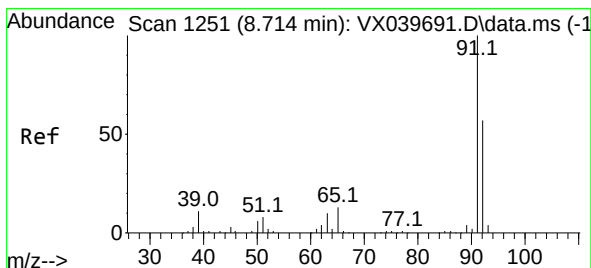
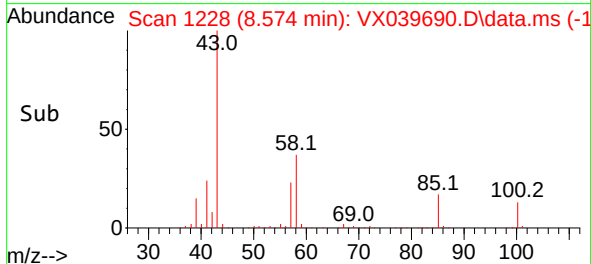
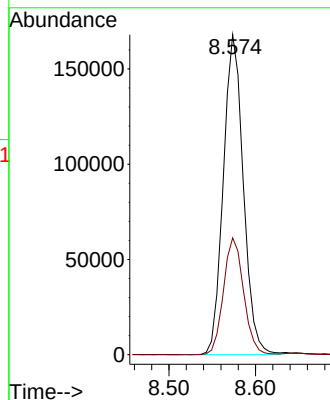
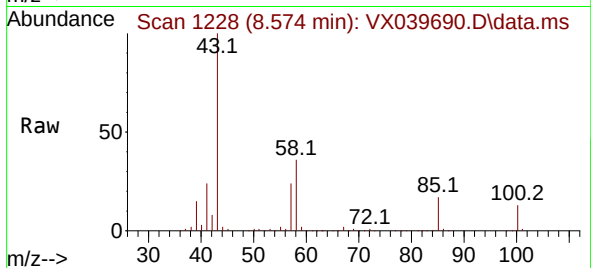
#51
4-Methyl-2-Pentanone
Concen: 99.633 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 269812
Ion Ratio Lower Upper
43 100
58 36.7 30.4 45.6

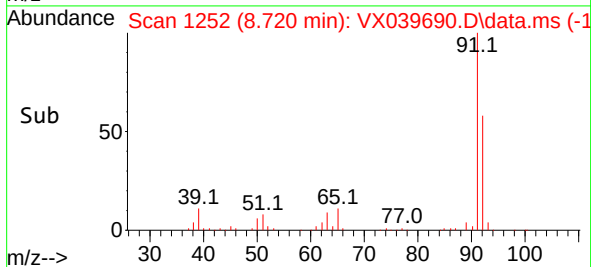
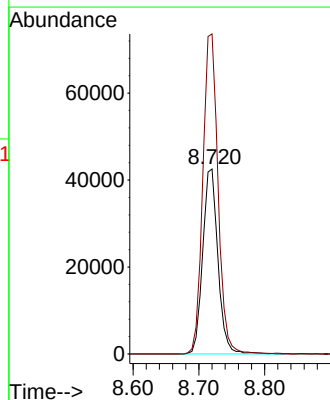
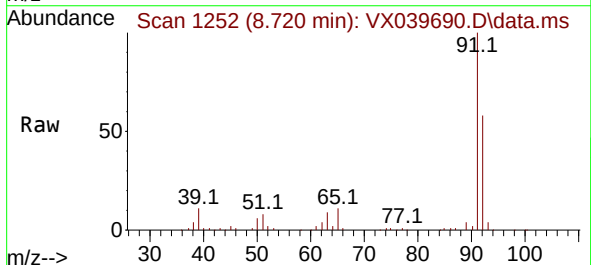
Manual Integrations
APPROVED

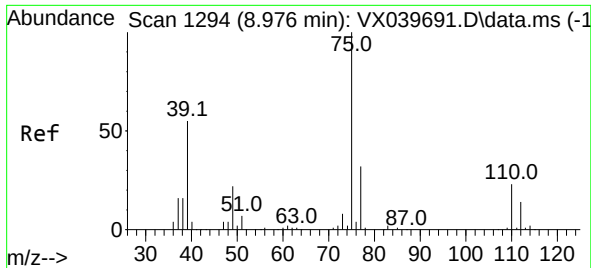
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#52
Toluene
Concen: 19.277 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Tgt Ion: 92 Resp: 68330
Ion Ratio Lower Upper
92 100
91 173.6 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 18.400 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :

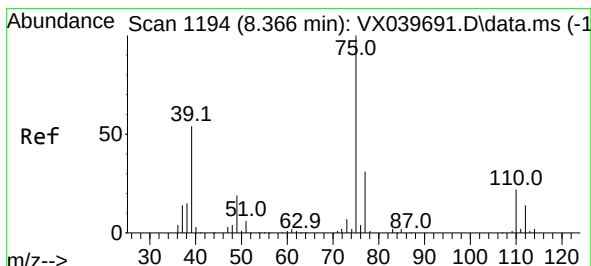
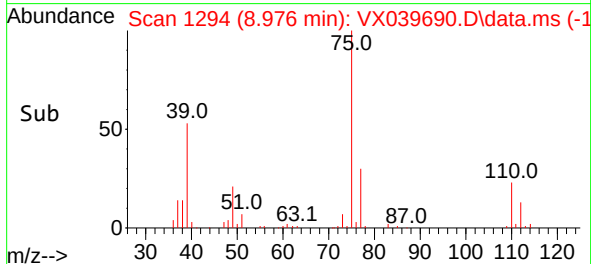
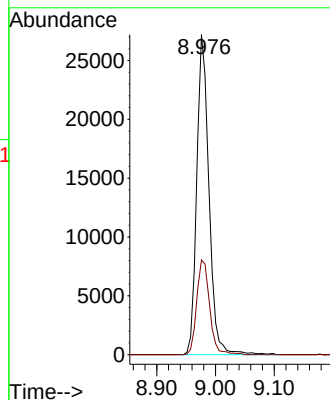
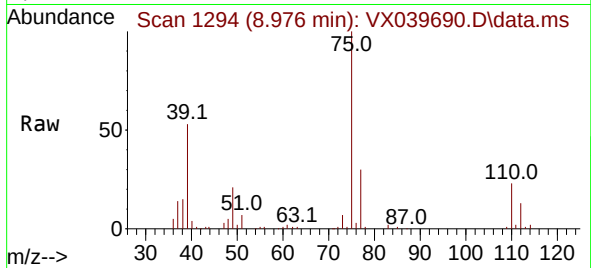
VSTDICC020

Tgt Ion: 75 Resp: 39289
Ion Ratio Lower Upper
75 100
77 29.6 25.7 38.5

Manual Integrations

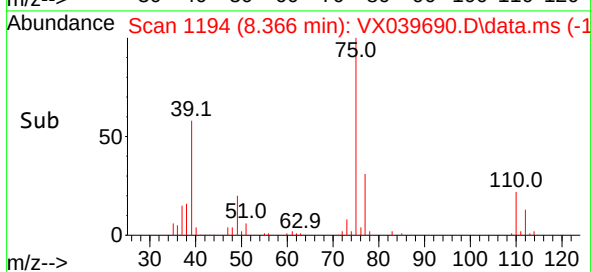
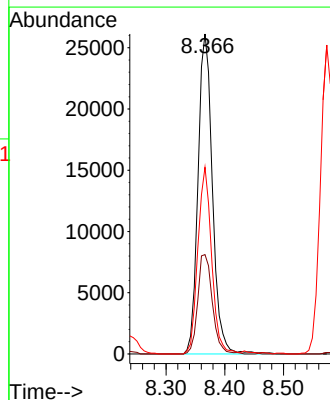
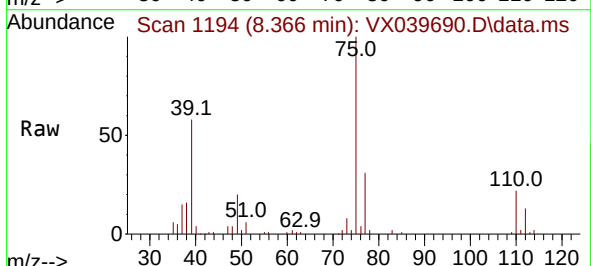
APPROVED

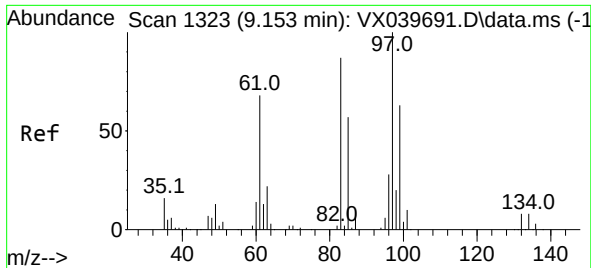
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#54
cis-1,3-Dichloropropene
Concen: 19.251 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Tgt Ion: 75 Resp: 44618
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9
39 58.3 46.7 70.1





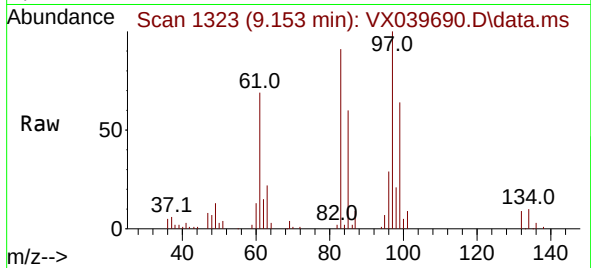
#55
1,1,2-Trichloroethane
Concen: 18.854 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



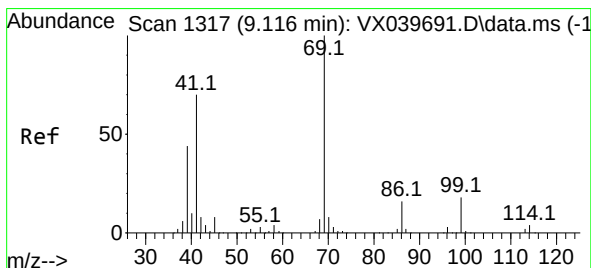
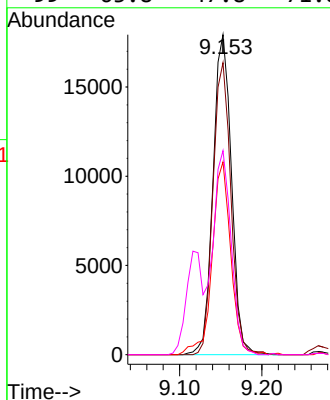
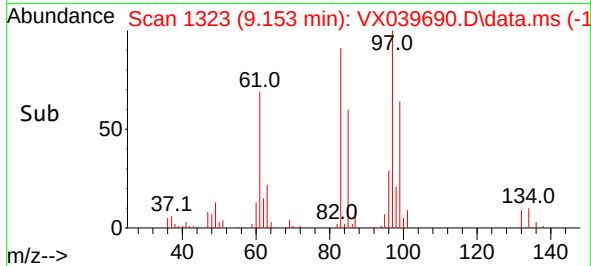
Tgt Ion: 97 Resp: 27924
Ion Ratio Lower Upper
97 100
83 91.2 65.8 98.8
85 60.2 41.6 62.4
99 63.8 47.8 71.8

Manual Integrations

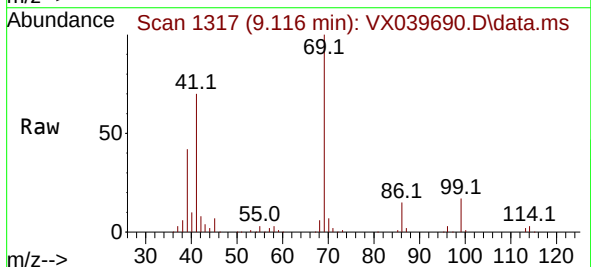
APPROVED

Reviewed By :John Carlone 01/10/2024

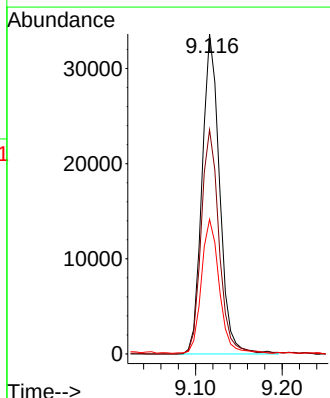
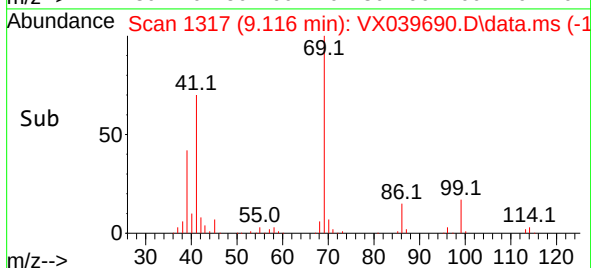
Supervised By :Mahesh Dadoda 01/10/2024

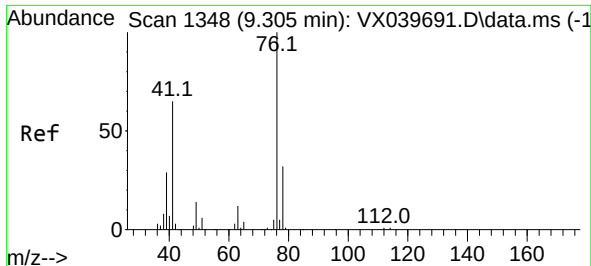


#56
Ethyl methacrylate
Concen: 19.848 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31



Tgt Ion: 69 Resp: 47372
Ion Ratio Lower Upper
69 100
41 71.2 56.8 85.2
39 42.4 32.0 48.0





#57

1,3-Dichloropropane

Concen: 19.687 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039690.D

Acq: 09 Jan 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 49479

Ion Ratio Lower Upper

76 100

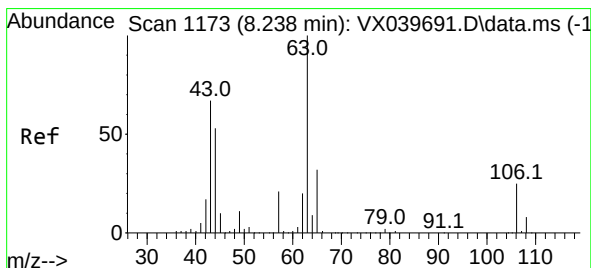
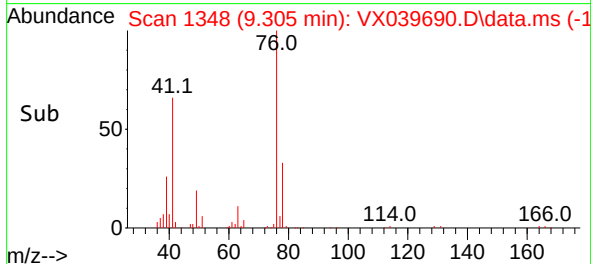
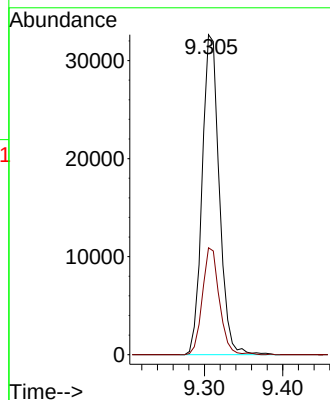
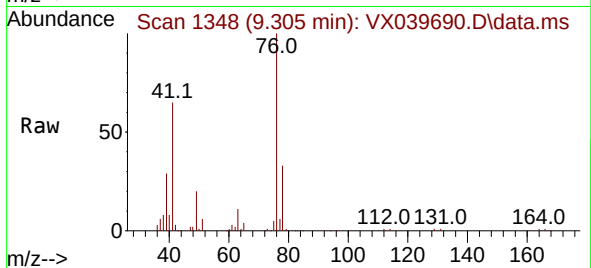
78 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#58

2-Chloroethyl Vinyl ether

Concen: 87.031 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX039690.D

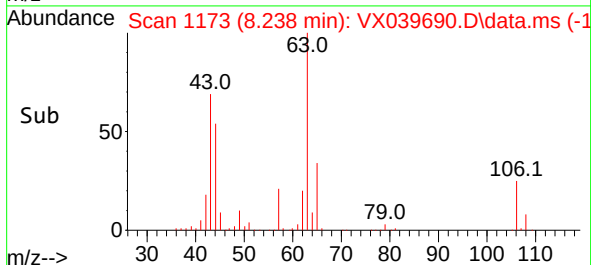
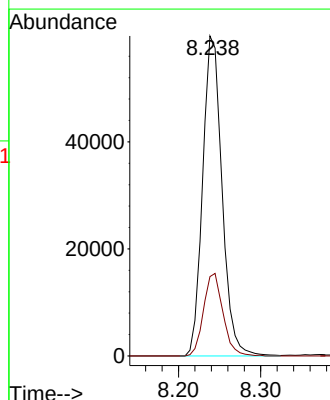
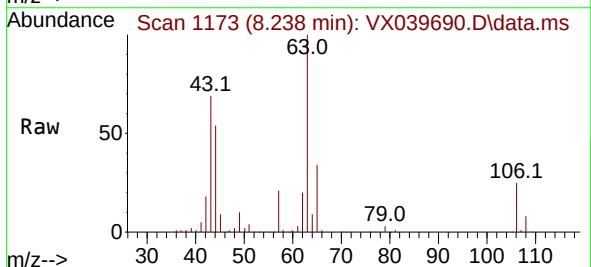
Acq: 09 Jan 2024 19:31

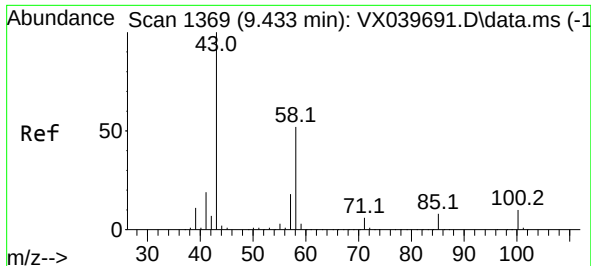
Tgt Ion: 63 Resp: 97893

Ion Ratio Lower Upper

63 100

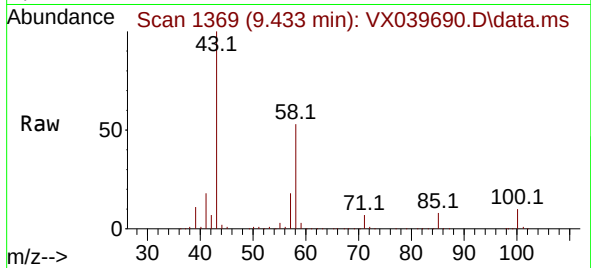
106 25.8 22.5 33.7





#59
2-Hexanone
Concen: 100.095 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

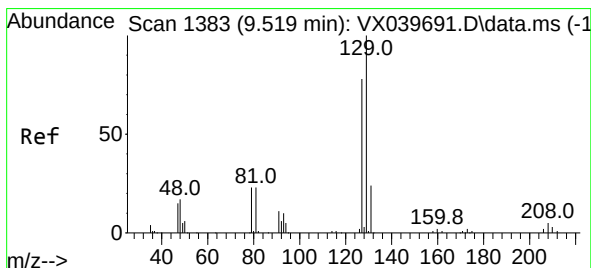
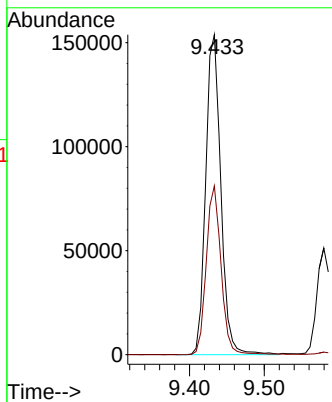
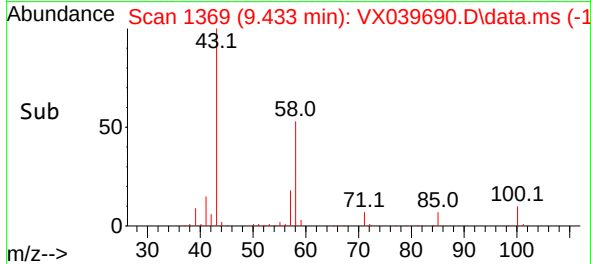
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 216162
Ion Ratio Lower Upper
43 100
58 51.8 26.2 78.5

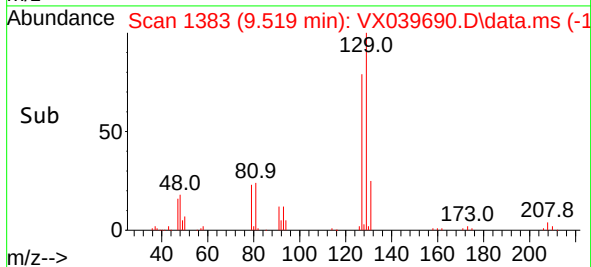
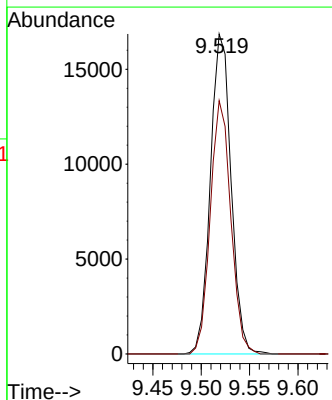
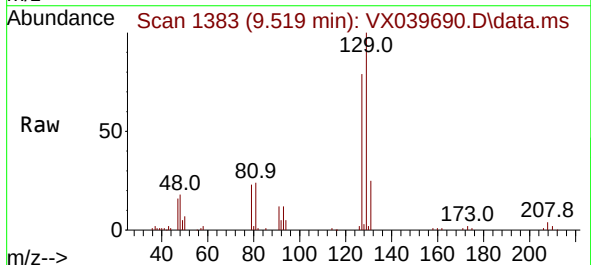
Manual Integrations
APPROVED

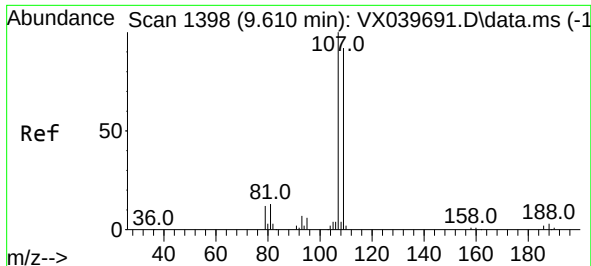
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#60
Dibromochloromethane
Concen: 18.673 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Tgt Ion:129 Resp: 25075
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.939 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :

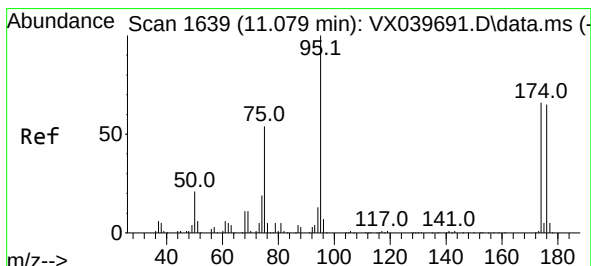
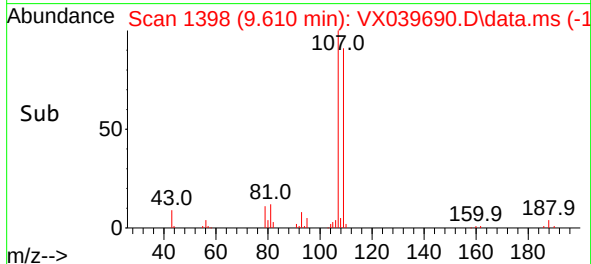
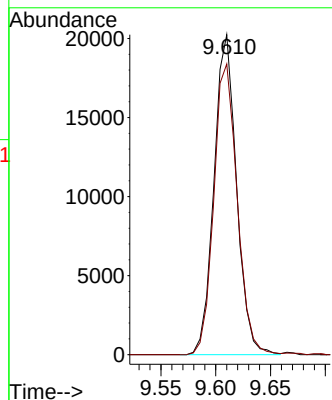
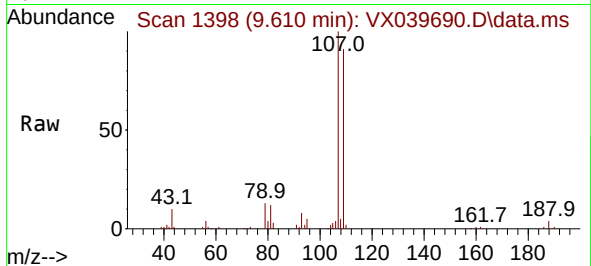
VSTDICC020

Tgt Ion:107 Resp: 28970
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8

Manual Integrations

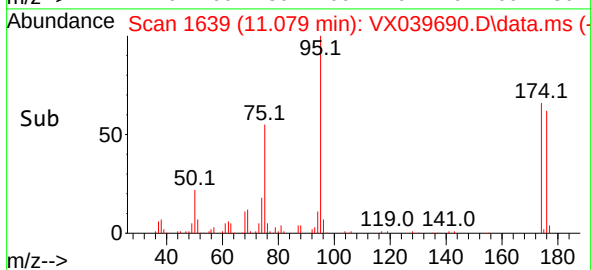
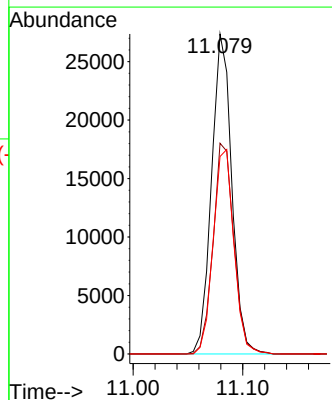
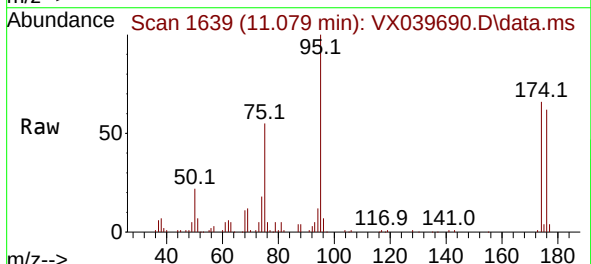
APPROVED

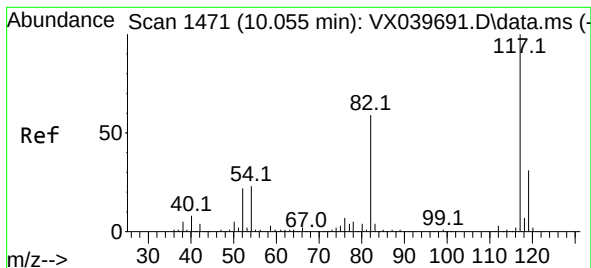
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#62
4-Bromofluorobenzene
Concen: 18.993 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

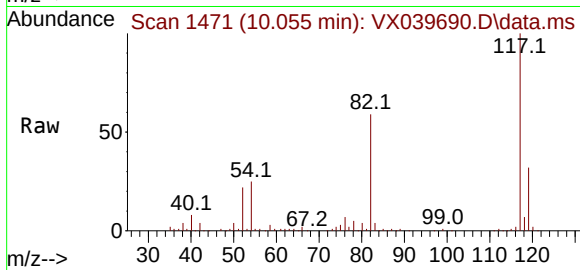
Tgt Ion: 95 Resp: 35078
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.6
176 65.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

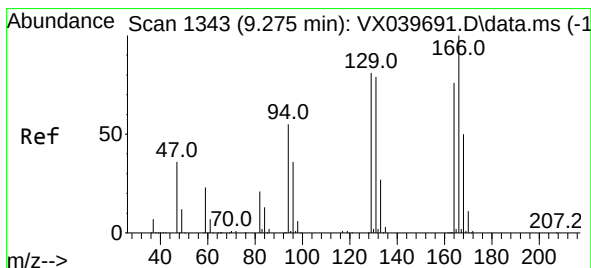
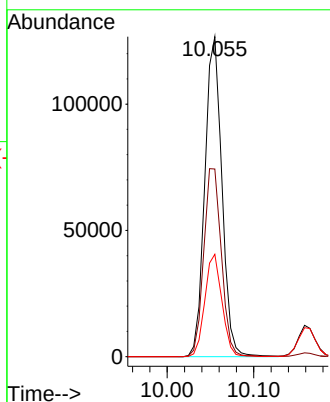
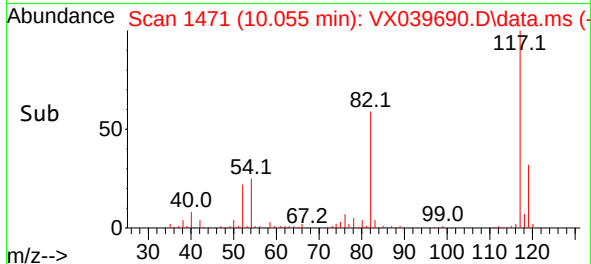
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 17375
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 32.0 25.5 38.3

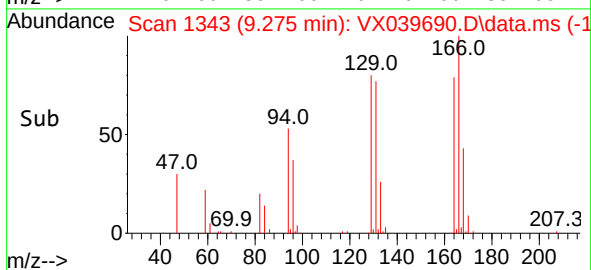
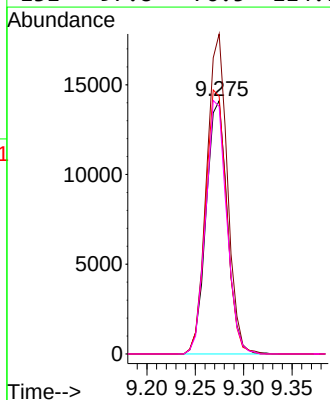
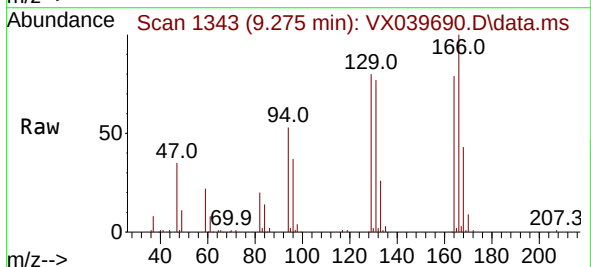
Manual Integrations
APPROVED

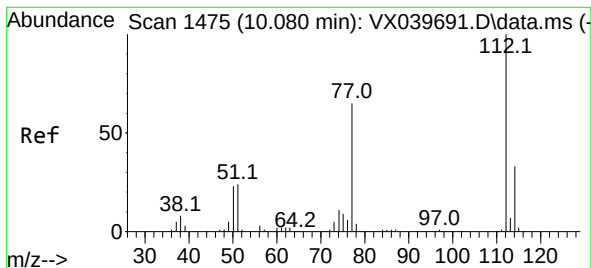
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#64
Tetrachloroethene
Concen: 19.517 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Tgt Ion:164 Resp: 21414
Ion Ratio Lower Upper
164 100
166 126.4 102.7 154.1
129 101.8 80.4 120.6
131 97.8 76.5 114.7





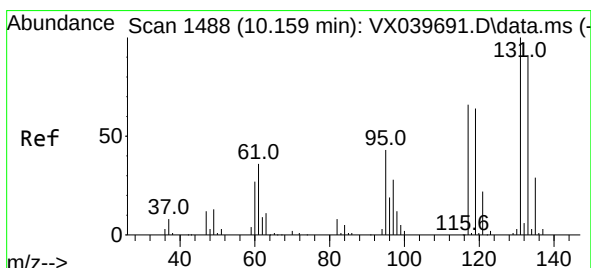
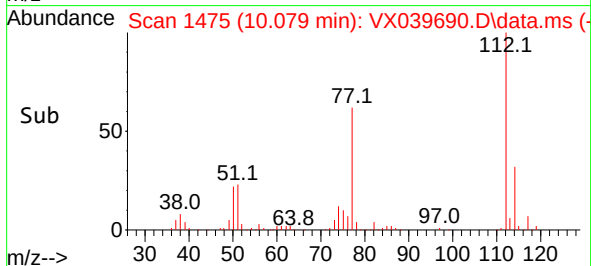
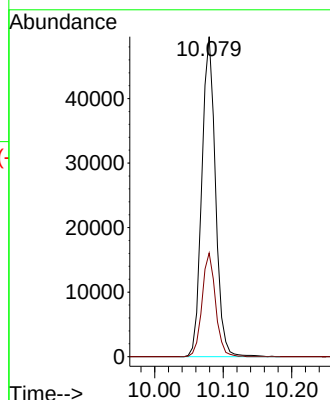
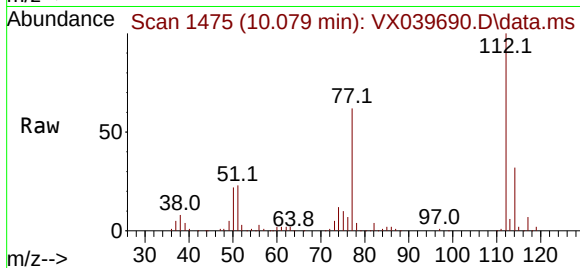
#65
Chlorobenzene
Concen: 19.096 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 6888
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

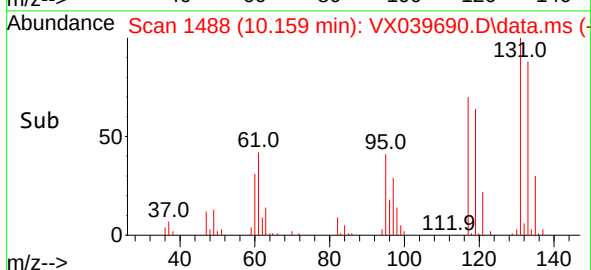
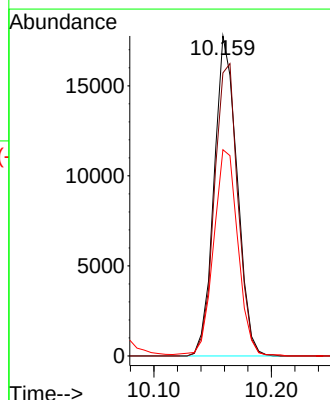
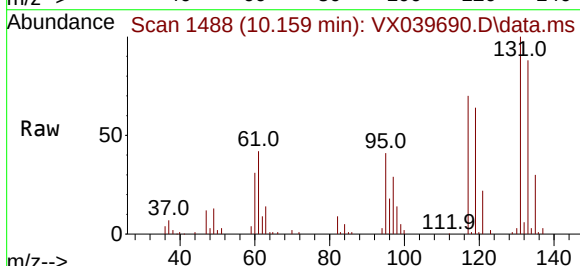
Manual Integrations
APPROVED

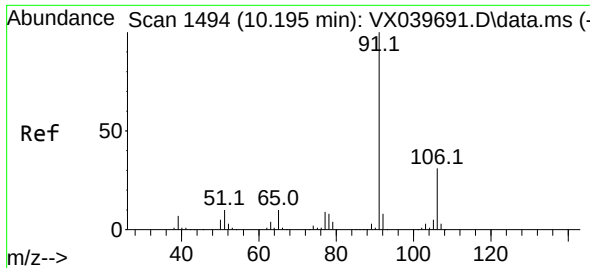
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.126 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

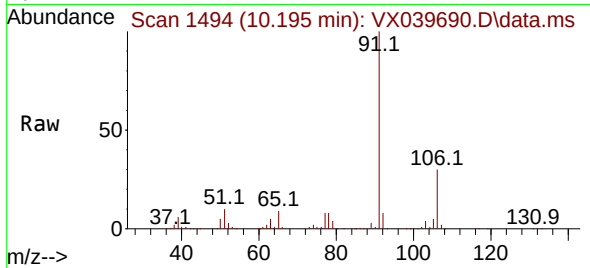
Tgt Ion:131 Resp: 24159
Ion Ratio Lower Upper
131 100
133 93.5 47.1 141.4
119 68.6 32.2 96.6





#67
Ethyl Benzene
Concen: 19.607 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

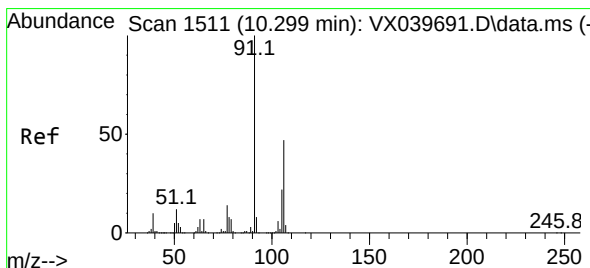
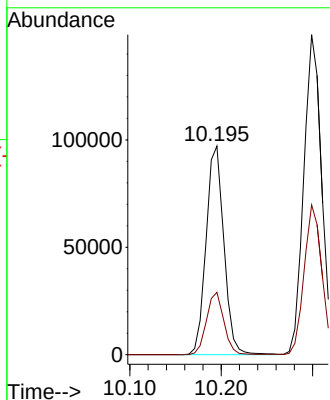
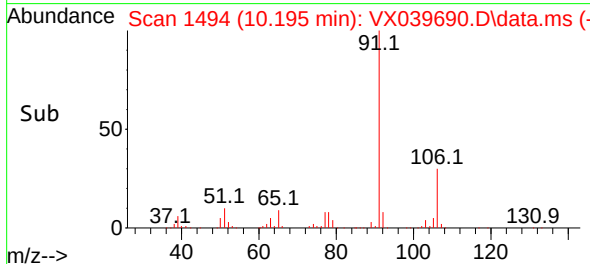
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



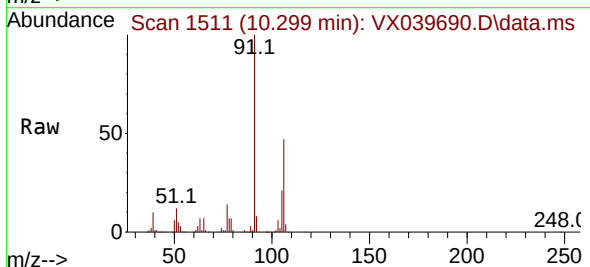
Tgt Ion: 91 Resp: 131070
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3

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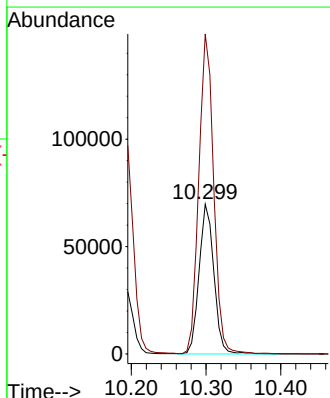
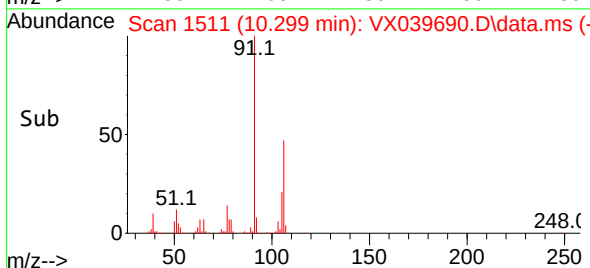
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024

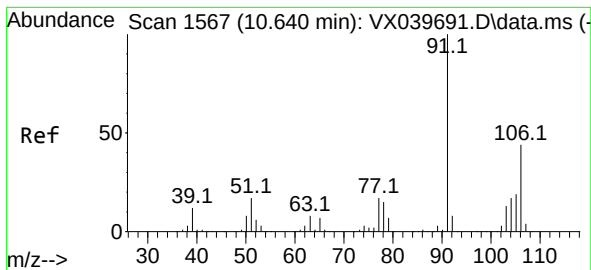


#68
m/p-Xylenes
Concen: 38.893 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31



Tgt Ion:106 Resp: 95817
Ion Ratio Lower Upper
106 100
91 214.1 165.5 248.3





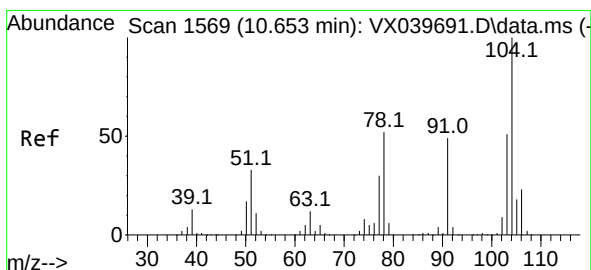
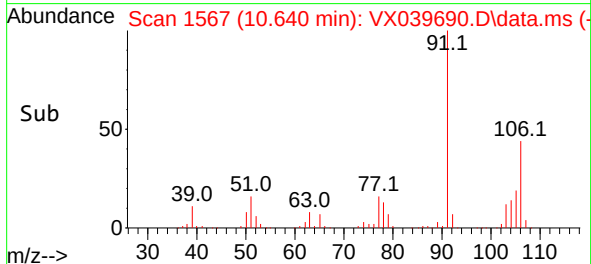
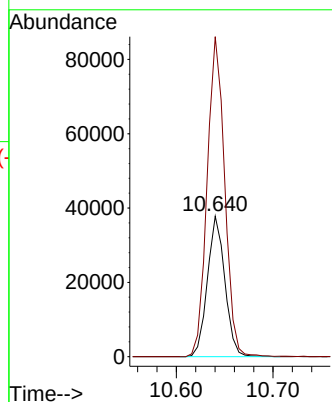
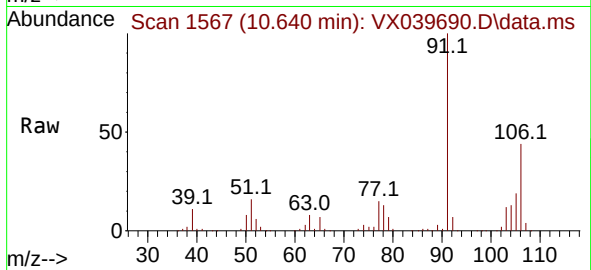
#69
o-Xylene
Concen: 19.464 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 4758
Ion Ratio Lower Upper
106 100
91 229.0 108.9 326.8

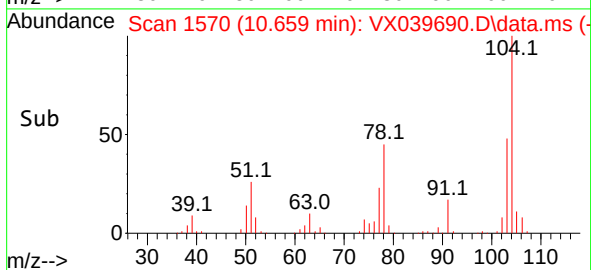
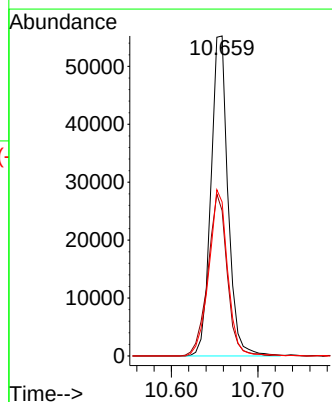
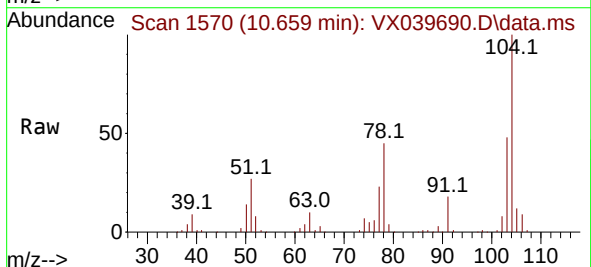
Manual Integrations
APPROVED

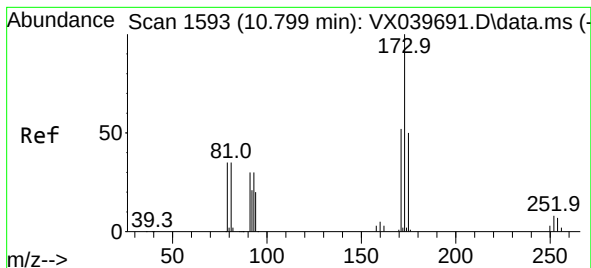
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#70
Styrene
Concen: 19.488 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

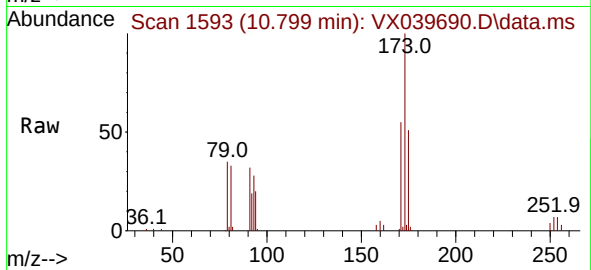
Tgt Ion:104 Resp: 76052
Ion Ratio Lower Upper
104 100
78 56.8 43.6 65.4
103 57.1 43.6 65.4





#71
Bromoform
Concen: 18.862 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

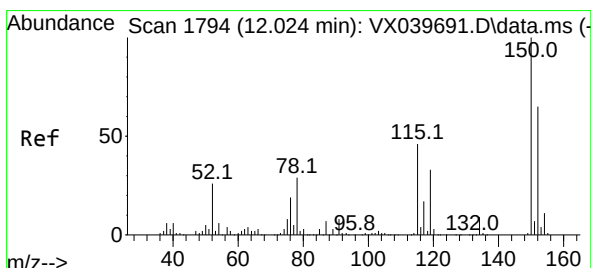
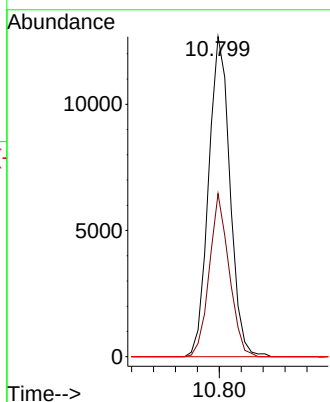
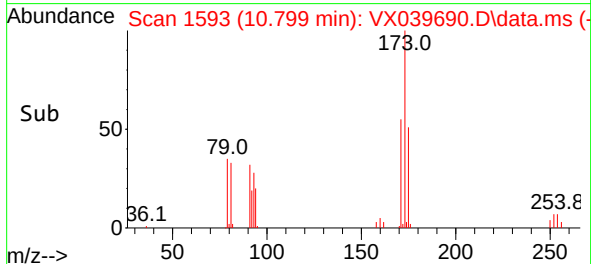
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:173 Resp: 1718
Ion Ratio Lower Upper
173 100
175 47.1 24.1 72.4
254 0.0 0.0 0.0

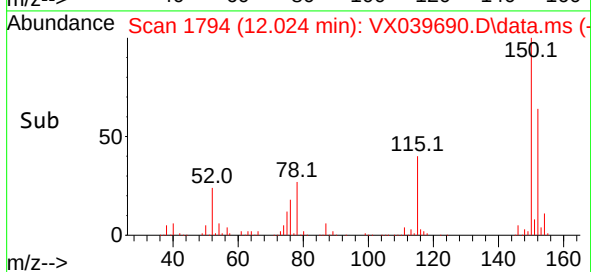
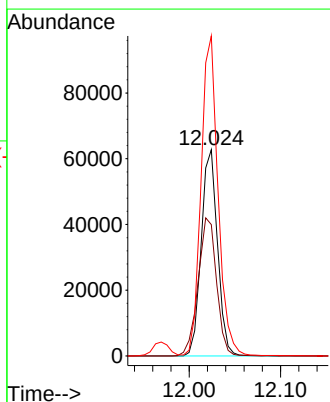
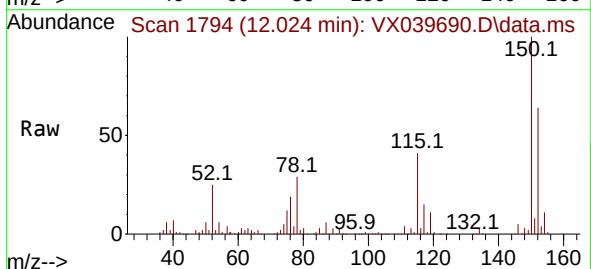
Manual Integrations
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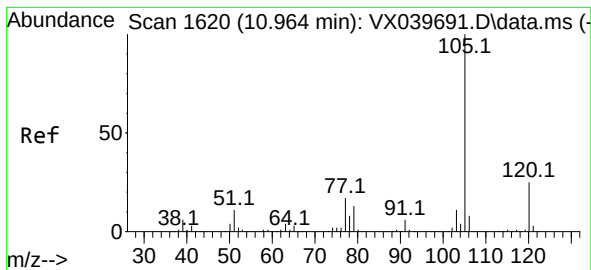
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Tgt Ion:152 Resp: 77490
Ion Ratio Lower Upper
152 100
115 75.9 43.3 129.9
150 162.3 0.0 345.0





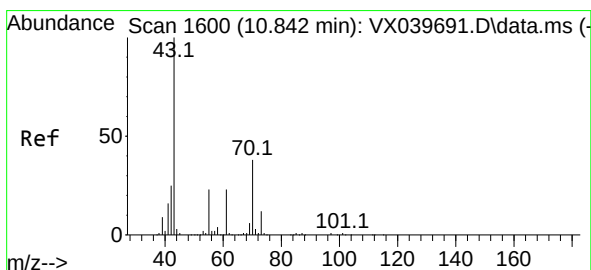
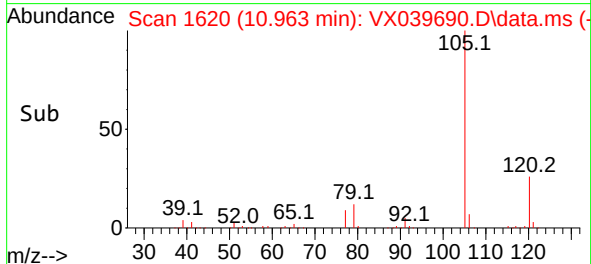
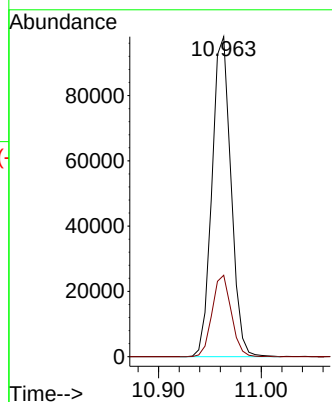
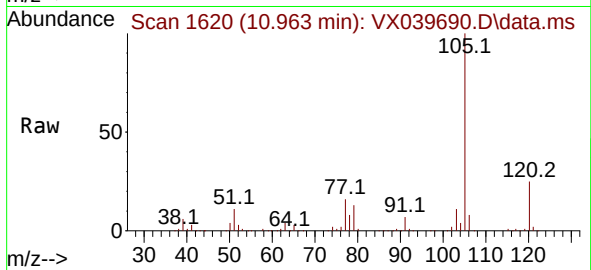
#73
Isopropylbenzene
Concen: 19.667 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 126360
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6

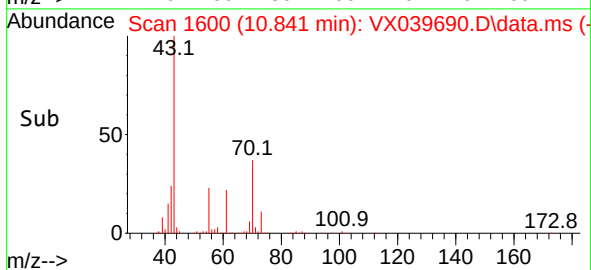
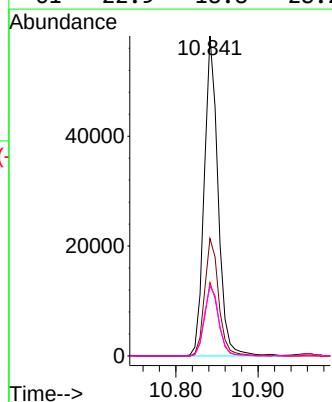
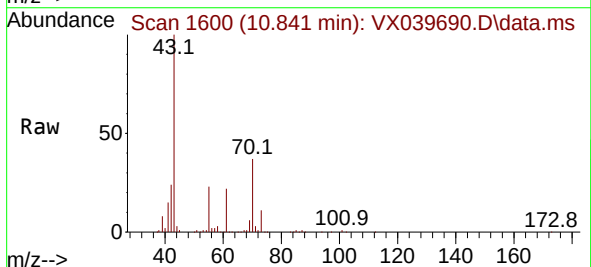
Manual Integrations
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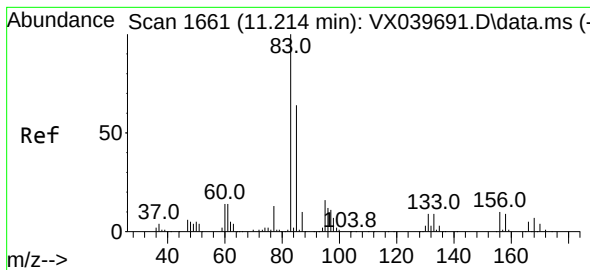
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#74
N-ethyl acetate
Concen: 19.880 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Tgt Ion: 43 Resp: 68037
Ion Ratio Lower Upper
43 100
70 37.3 32.9 49.3
55 22.9 19.3 28.9
61 22.9 18.8 28.2





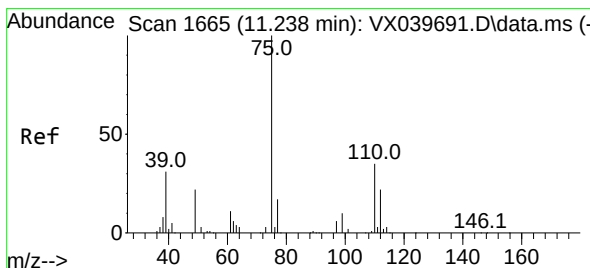
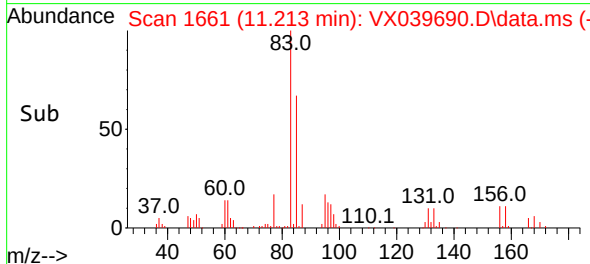
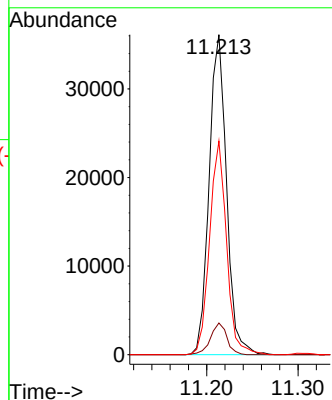
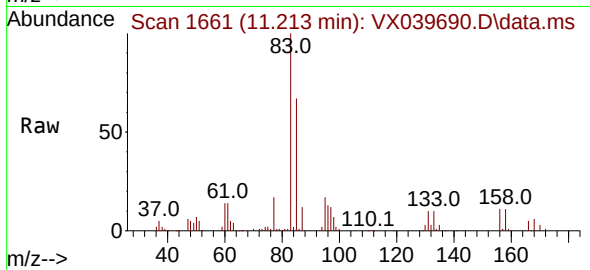
#75
1,1,2,2-Tetrachloroethane
Concen: 19.246 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 47900
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.8
85 65.1 32.0 96.2

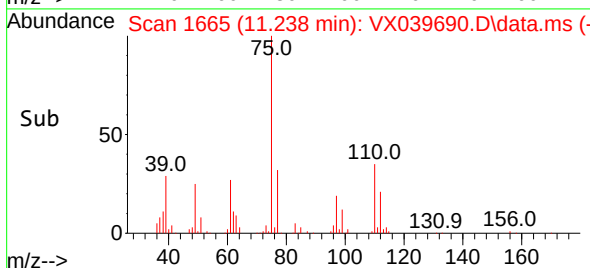
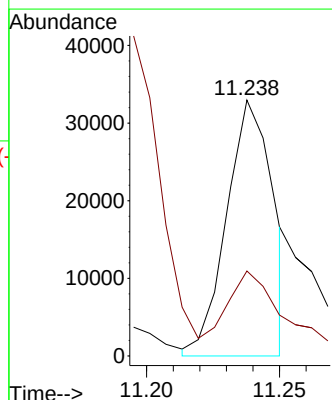
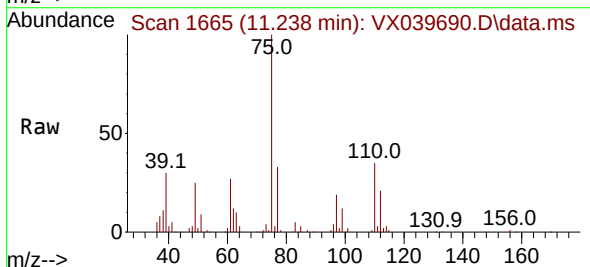
Manual Integrations
APPROVED

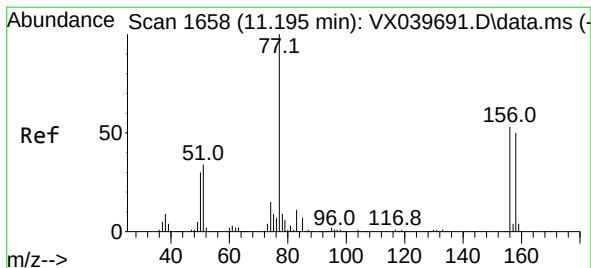
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#76
1,2,3-Trichloropropane
Concen: 19.211 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Tgt Ion: 75 Resp: 40184
Ion Ratio Lower Upper
75 100
77 43.2 19.1 57.5





#77

Bromobenzene

Concen: 18.913 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX039690.D

Acq: 09 Jan 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:156 Resp: 2730

Ion Ratio Lower Upper

156 100

77 189.4 88.4 265.3

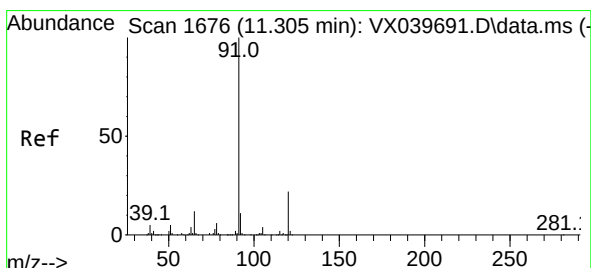
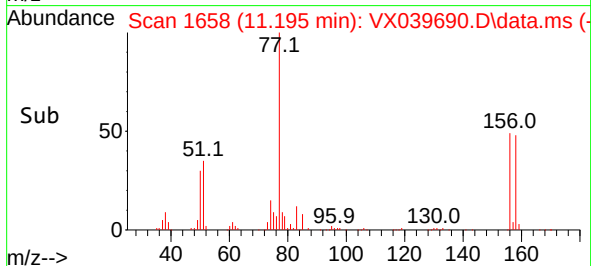
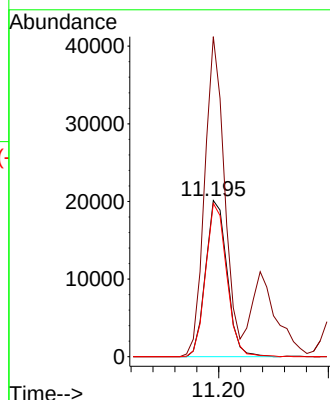
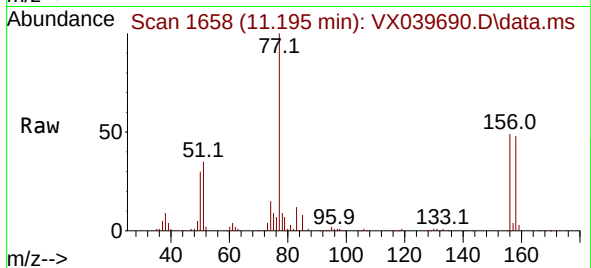
158 96.8 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#78

n-propylbenzene

Concen: 19.462 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX039690.D

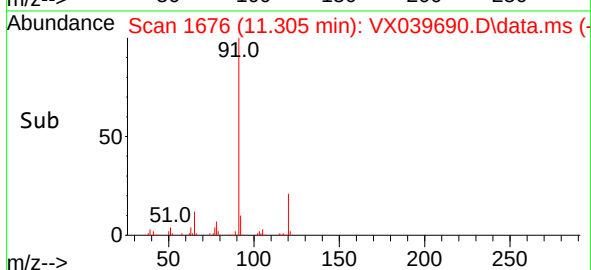
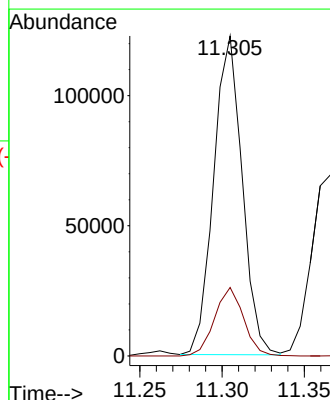
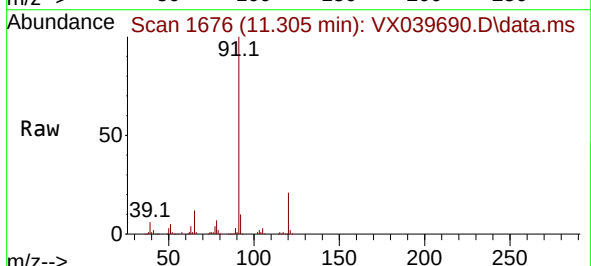
Acq: 09 Jan 2024 19:31

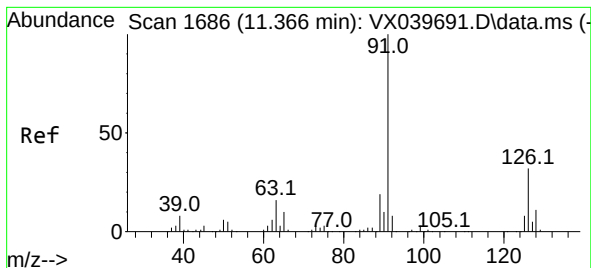
Tgt Ion: 91 Resp: 147662

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.881 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039690.D

Acq: 09 Jan 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 8973

Ion Ratio Lower Upper

91 100

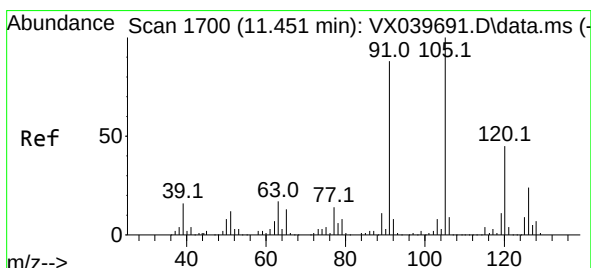
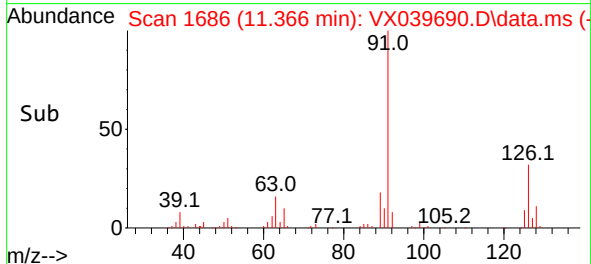
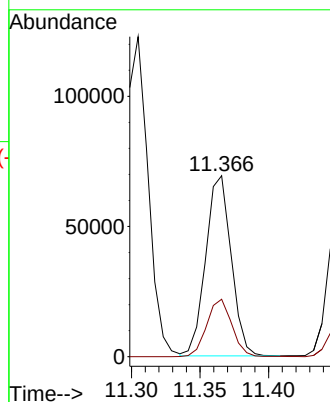
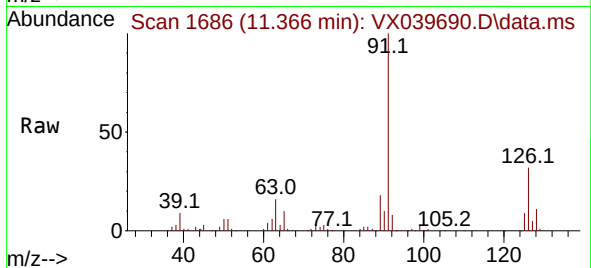
126 31.5 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.846 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039690.D

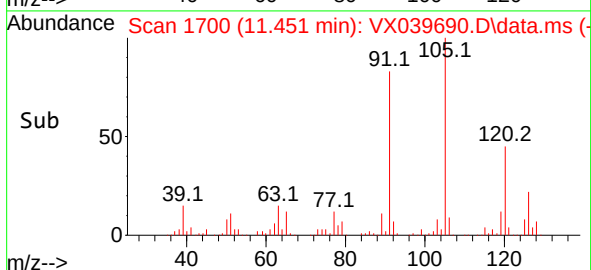
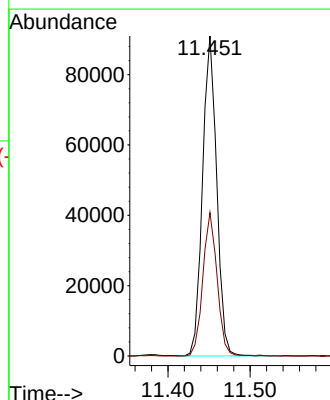
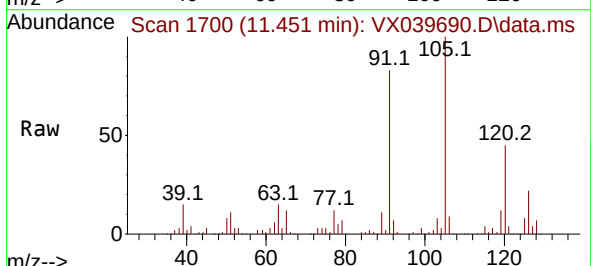
Acq: 09 Jan 2024 19:31

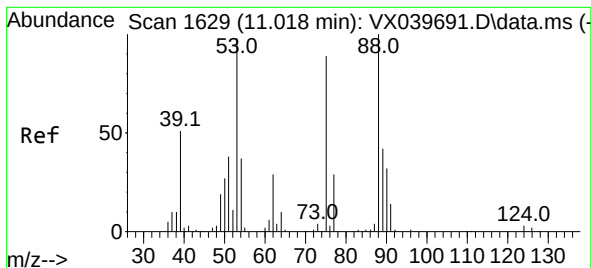
Tgt Ion:105 Resp: 108896

Ion Ratio Lower Upper

105 100

120 45.0 24.1 72.3





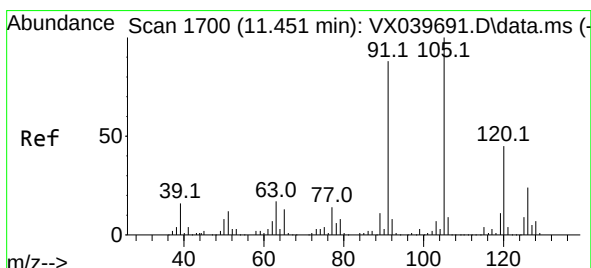
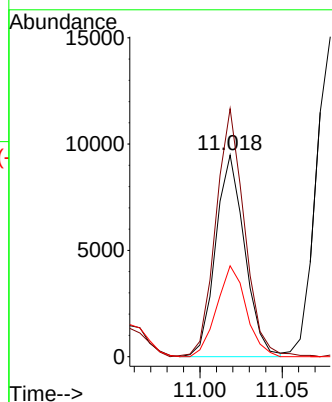
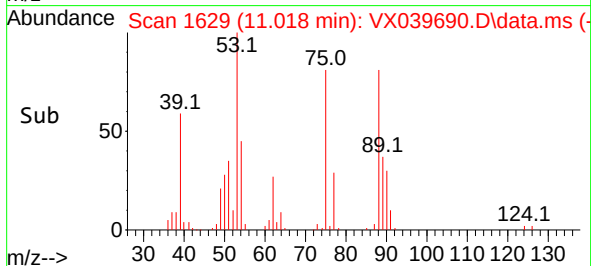
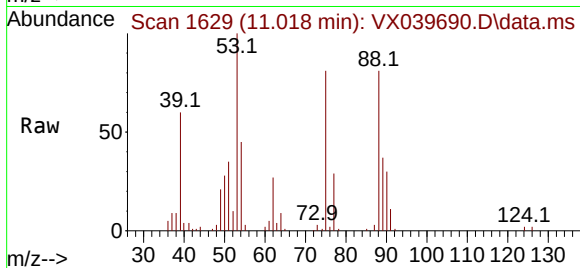
#81
trans-1,4-Dichloro-2-butene
Concen: 17.074 ug/l
RT: 11.018 min Scan# 11638
Delta R.T. 0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 11638
Ion Ratio Lower Upper
75 100
53 121.5 90.5 135.7
89 45.6 36.9 55.3

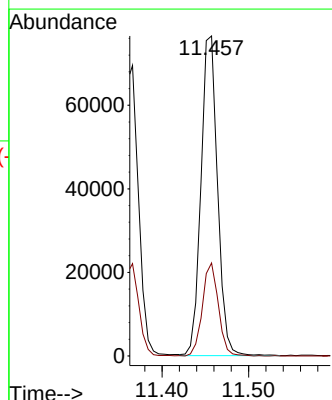
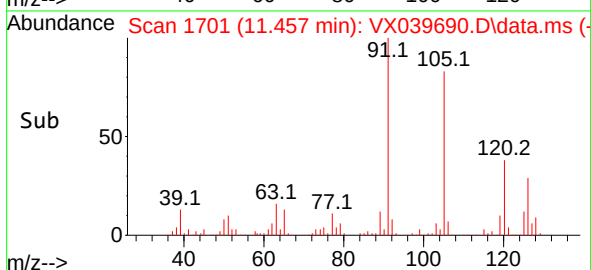
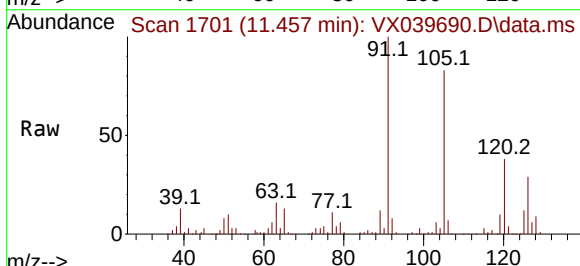
Manual Integrations
APPROVED

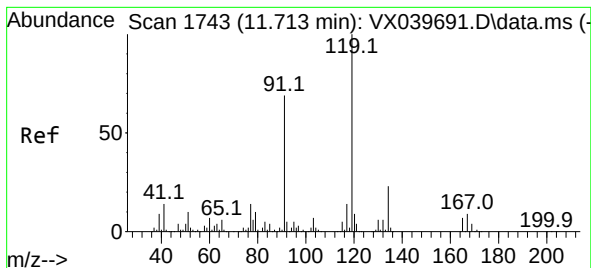
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#82
4-Chlorotoluene
Concen: 18.905 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Tgt Ion: 91 Resp: 101810
Ion Ratio Lower Upper
91 100
126 28.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.450 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX039690.D

Acq: 09 Jan 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:119 Resp: 102850

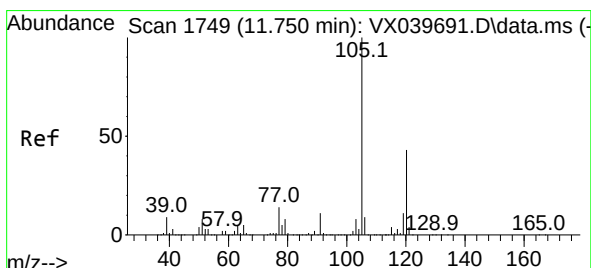
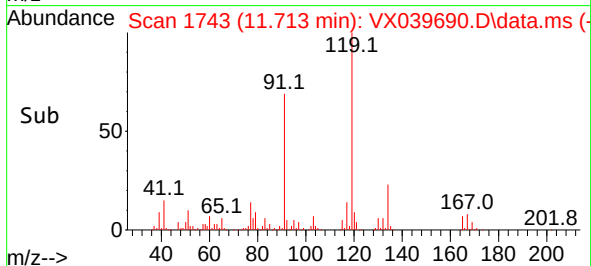
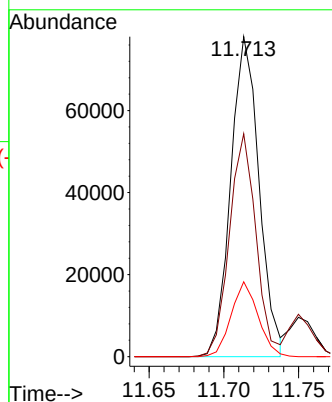
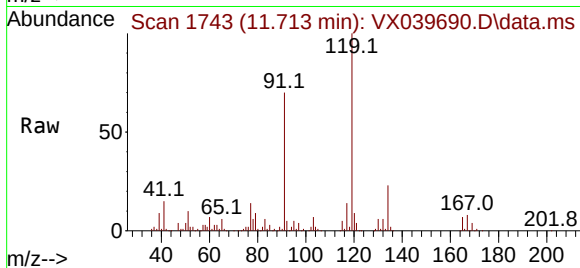
Ion	Ratio	Lower	Upper
119	100		
91	65.6	31.2	93.6
134	22.3	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#84

1,2,4-Trimethylbenzene

Concen: 19.832 ug/l

RT: 11.750 min Scan# 1749

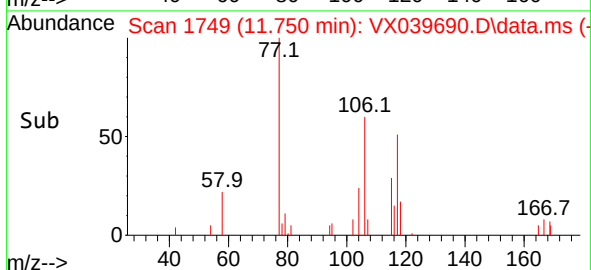
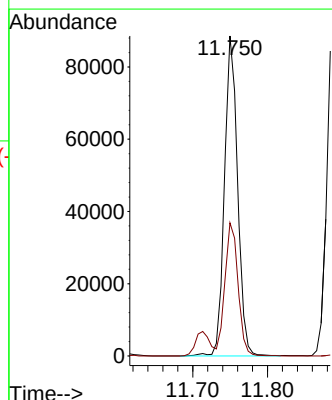
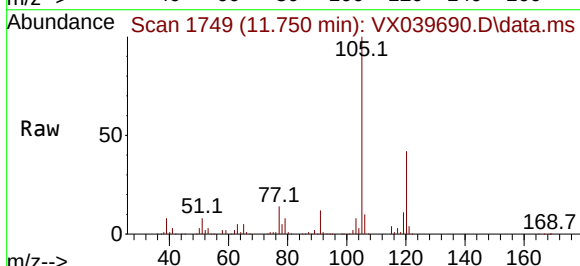
Delta R.T. -0.000 min

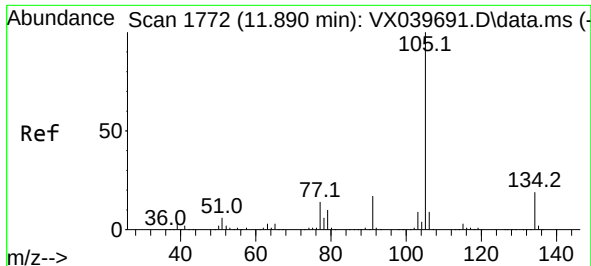
Lab File: VX039690.D

Acq: 09 Jan 2024 19:31

Tgt Ion:105 Resp: 108471

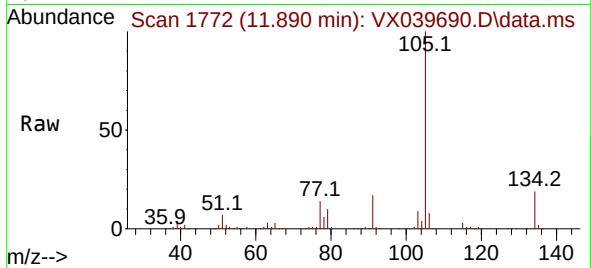
Ion	Ratio	Lower	Upper
105	100		
120	41.6	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 19.665 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039690.D
 Acq: 09 Jan 2024 19:31

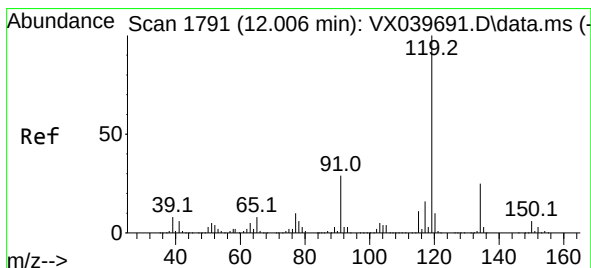
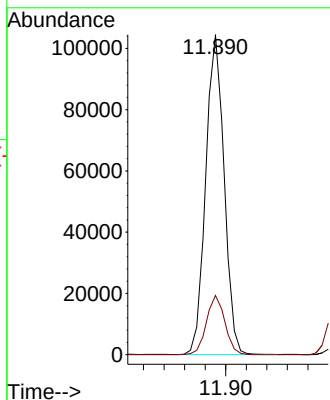
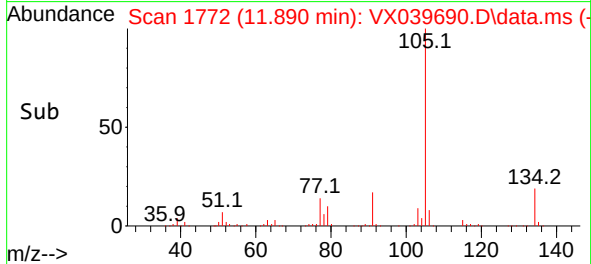
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



Tgt Ion:105 Resp: 129634
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.8 29.4

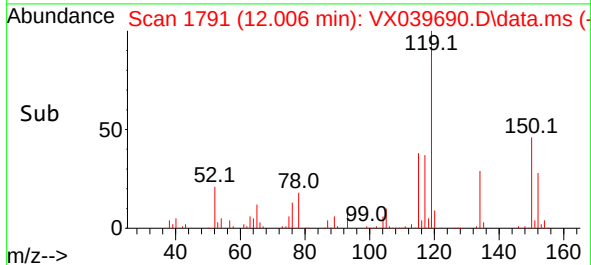
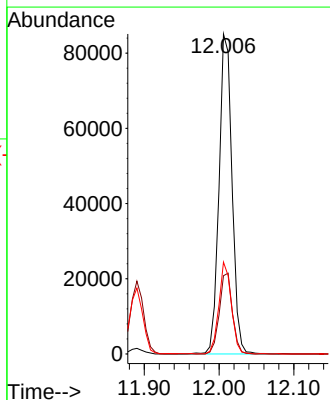
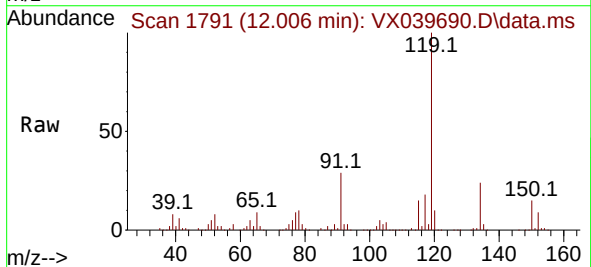
Manual Integrations
 APPROVED

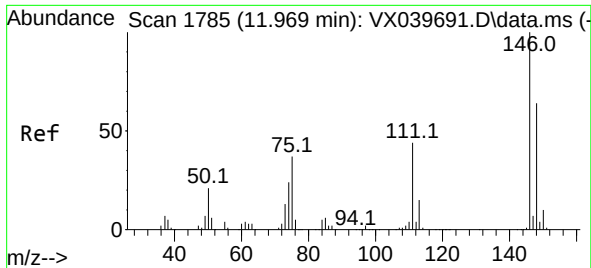
Reviewed By :John Carlone 01/10/2024
 Supervised By :Mahesh Dadoda 01/10/2024



#86
 p-Isopropyltoluene
 Concen: 19.618 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039690.D
 Acq: 09 Jan 2024 19:31

Tgt Ion:119 Resp: 102866
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 27.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.971 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039690.D

Acq: 09 Jan 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 51708

Ion Ratio Lower Upper

146 100

111 44.9 22.1 66.1

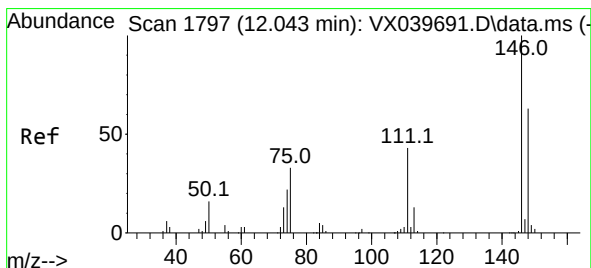
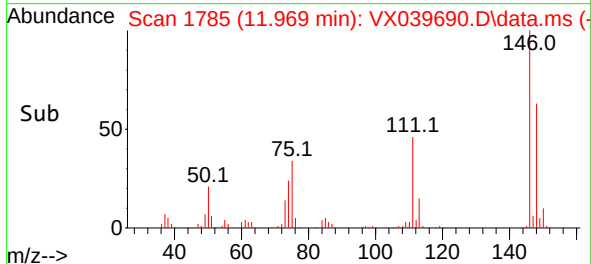
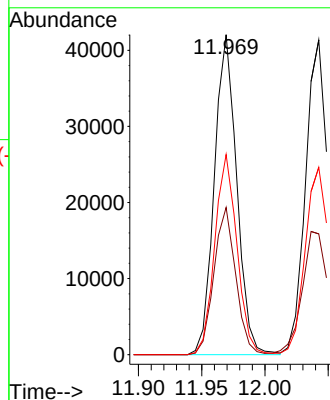
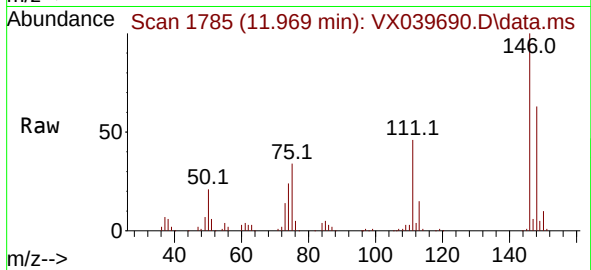
148 62.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#88

1,4-Dichlorobenzene

Concen: 19.024 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX039690.D

Acq: 09 Jan 2024 19:31

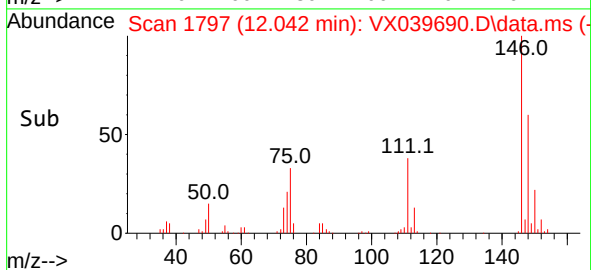
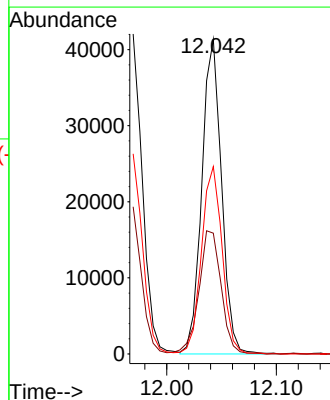
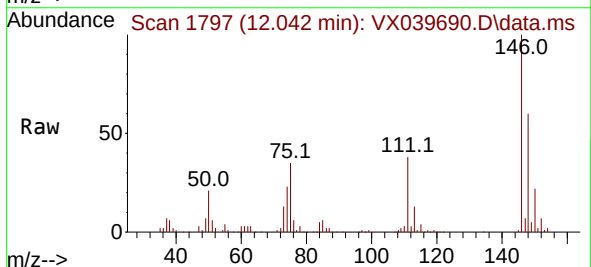
Tgt Ion:146 Resp: 51699

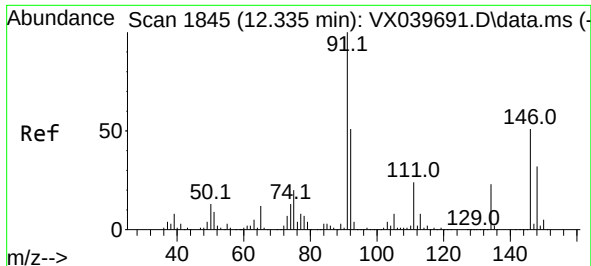
Ion Ratio Lower Upper

146 100

111 44.2 21.3 63.7

148 62.3 31.8 95.4





#89

n-Butylbenzene

Concen: 18.526 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039690.D

Acq: 09 Jan 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

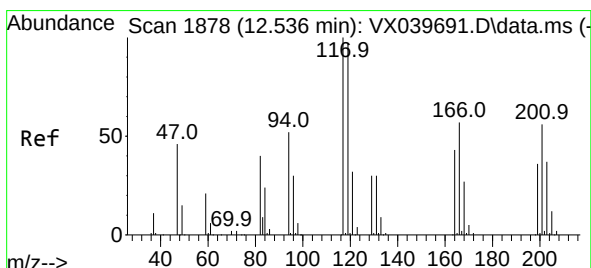
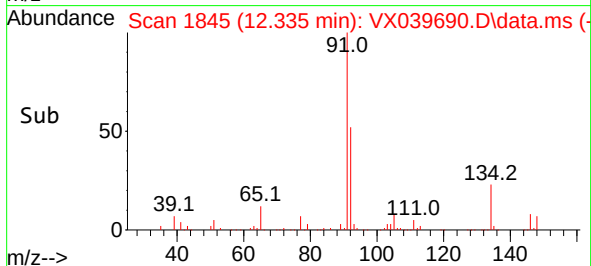
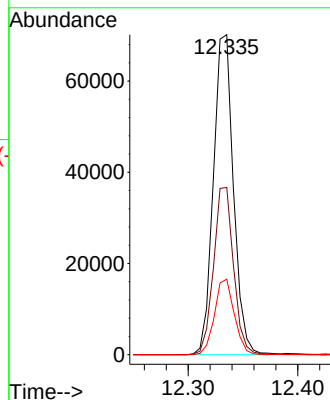
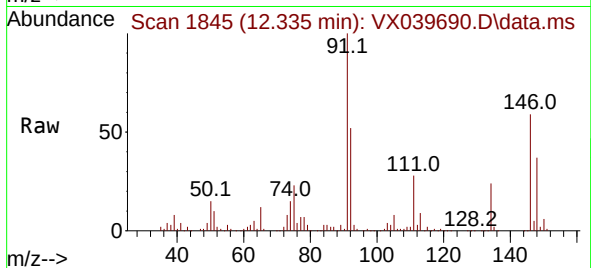
Tgt Ion: 91	Resp: 8945
Ion Ratio	Lower Upper
91	100
92	52.2 27.4 82.0
134	23.2 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#90

Hexachloroethane

Concen: 18.561 ug/l

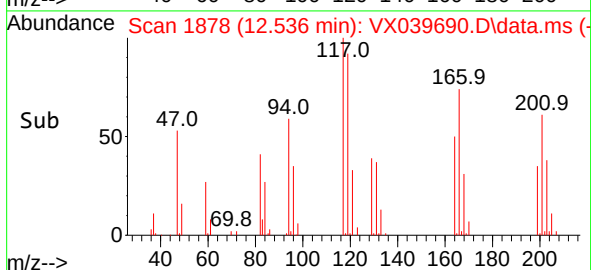
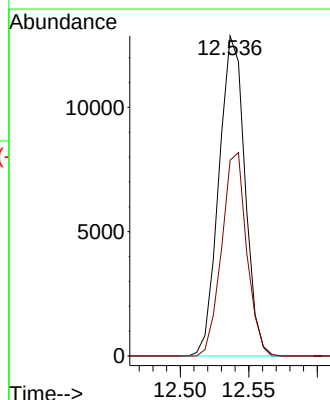
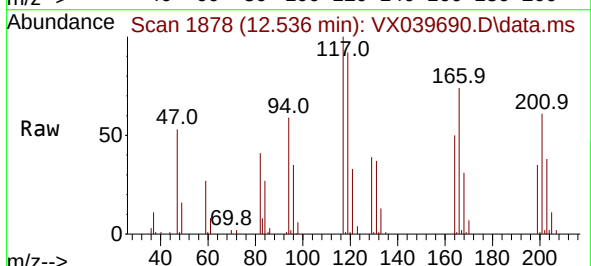
RT: 12.536 min Scan# 1878

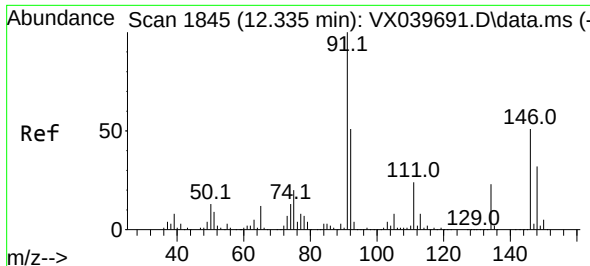
Delta R.T. -0.000 min

Lab File: VX039690.D

Acq: 09 Jan 2024 19:31

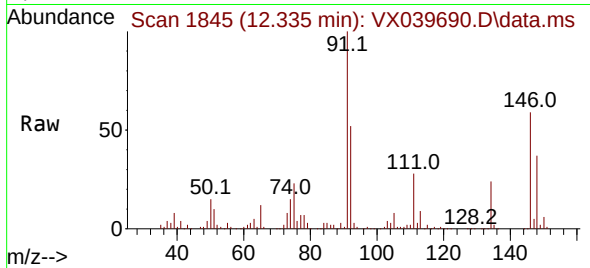
Tgt Ion: 117	Resp: 16966
Ion Ratio	Lower Upper
117	100
201	61.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 19.122 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

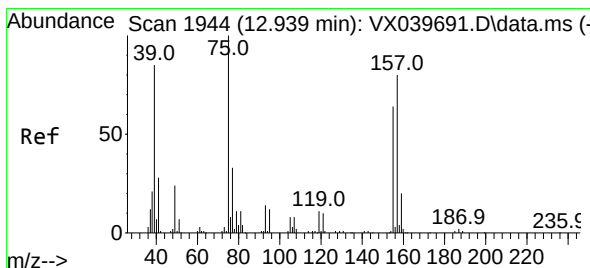
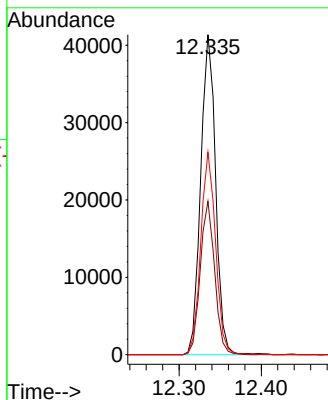
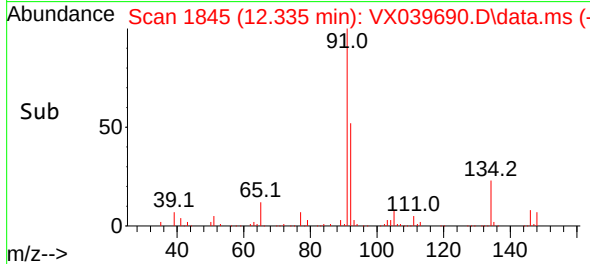
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



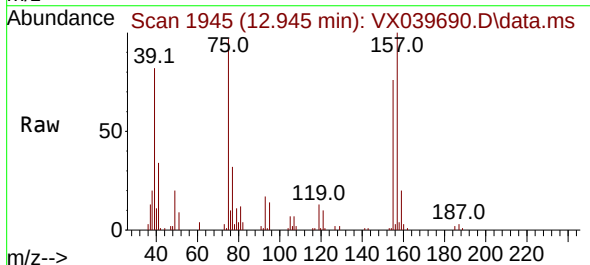
Tgt Ion:146 Resp: 52019
Ion Ratio Lower Upper
146 100
111 46.4 22.4 67.0
148 63.2 31.6 95.0

Manual Integrations
APPROVED

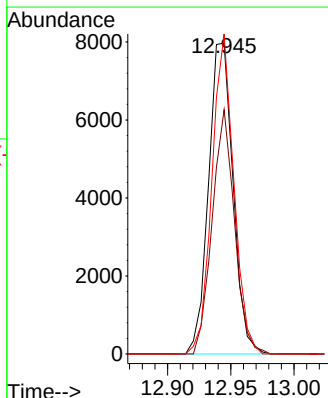
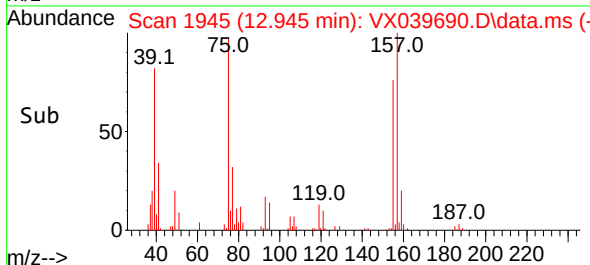
Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024

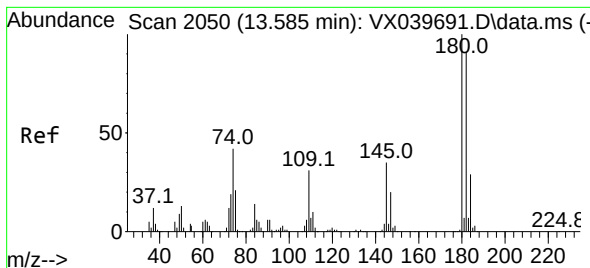


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.627 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31



Tgt Ion: 75 Resp: 10750
Ion Ratio Lower Upper
75 100
155 71.3 36.1 108.5
157 91.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 17.747 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039690.D

Acq: 09 Jan 2024 19:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

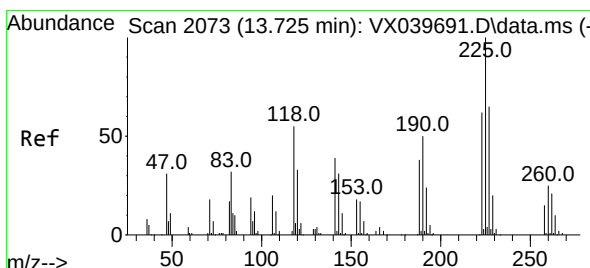
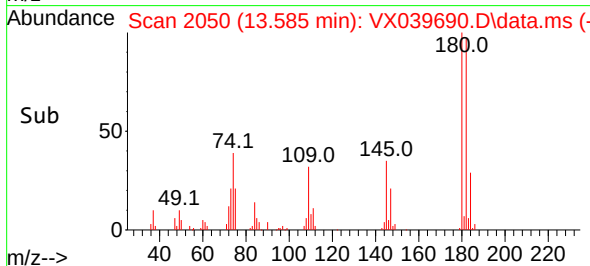
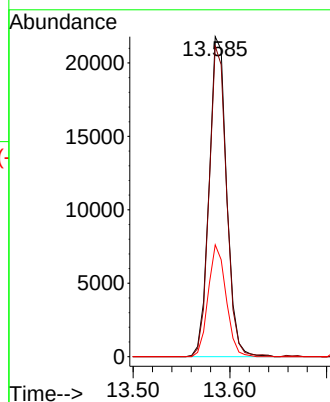
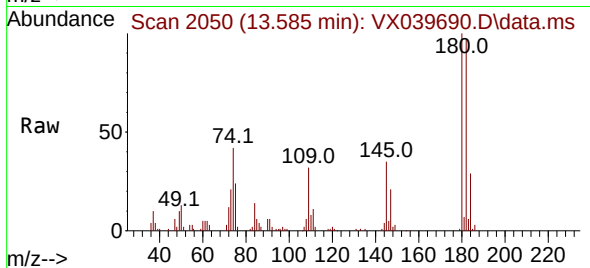
Tgt Ion:180	Resp:	27500
Ion Ratio	Lower	Upper
180	100	
182	96.2	48.3 144.8
145	35.4	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2024

Supervised By :Mahesh Dadoda 01/10/2024



#94

Hexachlorobutadiene

Concen: 18.071 ug/l

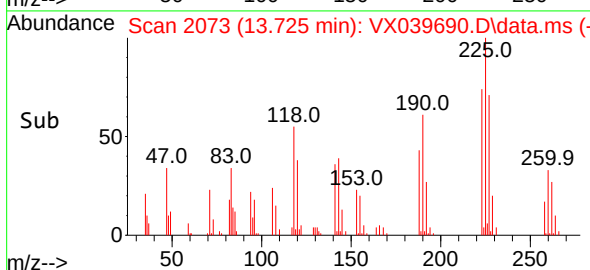
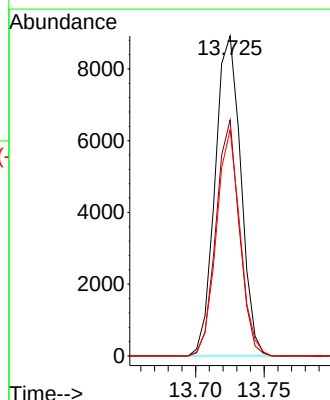
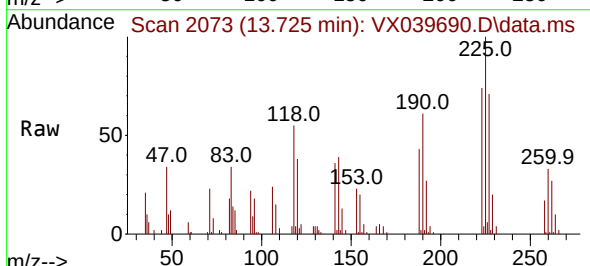
RT: 13.725 min Scan# 2073

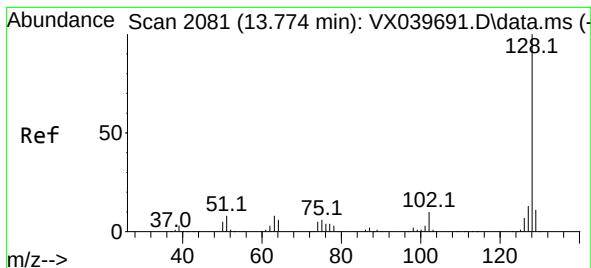
Delta R.T. -0.000 min

Lab File: VX039690.D

Acq: 09 Jan 2024 19:31

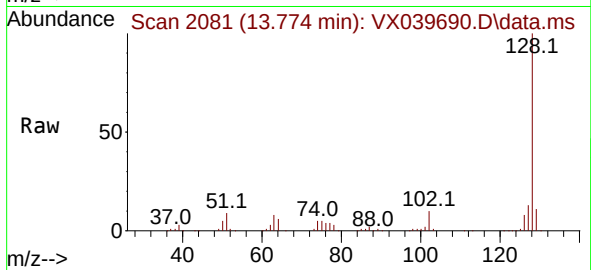
Tgt Ion:225	Resp:	11634
Ion Ratio	Lower	Upper
225	100	
223	66.7	31.1 93.2
227	65.4	32.5 97.5





#95
Naphthalene
Concen: 18.406 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

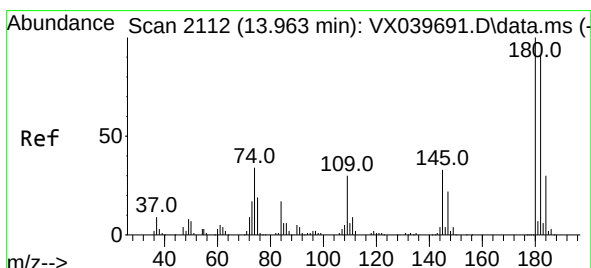
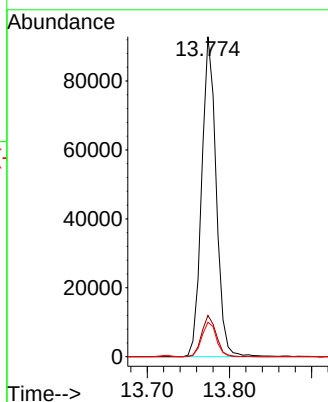
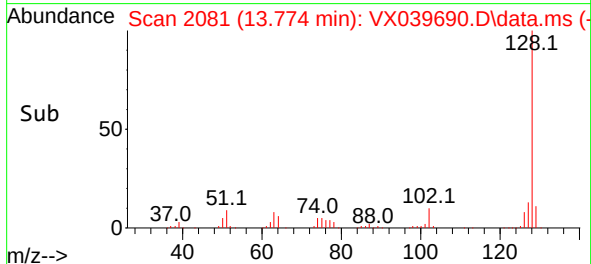
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:128 Resp: 113719
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/10/2024
Supervised By :Mahesh Dadoda 01/10/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.664 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX039690.D
Acq: 09 Jan 2024 19:31

Tgt Ion:180 Resp: 29570
Ion Ratio Lower Upper
180 100
182 96.2 46.9 140.6
145 35.1 17.8 53.5

