

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020924\
 Data File : VX040177.D
 Acq On : 09 Feb 2024 16:33
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/12/2024
 Supervised By : Mahesh Dadoda 02/12/2024

Quant Time: Feb 10 05:45:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 10 05:39:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	80139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	138235	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	7293	6.117	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	12.240%#		
35) Dibromofluoromethane	5.391	113	5713	5.918	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.840%#		
50) Toluene-d8	8.647	98	21088	5.840	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	11.680%#		
62) 4-Bromofluorobenzene	11.079	95	7900	5.364	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.720%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	4575	5.054	ug/l	97
3) Chloromethane	1.301	50	4755	5.094	ug/l	100
4) Vinyl Chloride	1.374	62	5273	5.345	ug/l	94
5) Bromomethane	1.599	94	3177	5.707	ug/l	98
6) Chloroethane	1.679	64	3008	4.835	ug/l #	80
7) Trichlorofluoromethane	1.886	101	8253	5.210	ug/l	91
8) Diethyl Ether	2.136	74	3132	5.263	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	4493	5.287	ug/l	96
10) Methyl Iodide	2.447	142	4206	4.458	ug/l #	83
11) Tert butyl alcohol	2.971	59	6196	26.681	ug/l #	95
12) 1,1-Dichloroethene	2.313	96	4139	5.059	ug/l	83
13) Acrolein	2.233	56	6084	29.599	ug/l	91
14) Allyl chloride	2.660	41	7254	5.109	ug/l	97
15) Acrylonitrile	3.069	53	13558	26.093	ug/l	100
16) Acetone	2.380	43	12743	26.024	ug/l #	85
17) Carbon Disulfide	2.508	76	10551	4.885	ug/l	96
18) Methyl Acetate	2.703	43	6903	5.259	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	14948	5.186	ug/l	96
20) Methylene Chloride	2.788	84	5007	3.987	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	4612	4.949	ug/l #	81
22) Diisopropyl ether	3.764	45	14444	5.016	ug/l	89
23) Vinyl Acetate	3.727	43	60322	23.499	ug/l	97
24) 1,1-Dichloroethane	3.611	63	8766	5.226	ug/l	94
25) 2-Butanone	4.562	43	19175	25.052	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	6542	5.066	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	5423	5.101	ug/l	92
28) Bromochloromethane	4.898	49	3967	5.570	ug/l #	95
29) Tetrahydrofuran	5.007	42	12449	24.965	ug/l	93
30) Chloroform	5.093	83	8675	4.783	ug/l	87
31) Cyclohexane	5.471	56	7610	5.351	ug/l #	92
32) 1,1,1-Trichloroethane	5.385	97	7068	4.633	ug/l	97
36) 1,1-Dichloropropene	5.696	75	6988	5.167	ug/l	94
37) Ethyl Acetate	4.727	43	7551	5.018	ug/l	98
38) Carbon Tetrachloride	5.684	117	6221	4.838	ug/l	89
39) Methylcyclohexane	7.385	83	8119	5.166	ug/l #	90
40) Benzene	6.044	78	18717	4.949	ug/l	99

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

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Quant Time: Feb 10 05:45:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 10 05:39:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	3789	4.817	ug/l	92
42) 1,2-Dichloroethane	6.092	62	7158	4.843	ug/l	98
43) Isopropyl Acetate	6.349	43	11021	4.692	ug/l	98
44) Trichloroethene	7.123	130	5326	5.106	ug/l	71
45) 1,2-Dichloropropane	7.434	63	4558	4.631	ug/l	96
46) Dibromomethane	7.586	93	3428	4.729	ug/l	91
47) Bromodichloromethane	7.824	83	6492	4.648	ug/l	100
48) Methyl methacrylate	7.702	41	5839	4.858	ug/l	96
49) 1,4-Dioxane	7.665	88	2576	98.520	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	38393	23.940	ug/l	100
52) Toluene	8.720	92	11937	4.819	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	6129	5.454	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	7183	4.589	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	5168	4.892	ug/l	96
56) Ethyl methacrylate	9.122	69	7287	4.607	ug/l	96
57) 1,3-Dichloropropane	9.311	76	8553	4.960	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	19289	25.781	ug/l	98
59) 2-Hexanone	9.433	43	30474	23.967	ug/l	97
60) Dibromochloromethane	9.519	129	4925	4.576	ug/l	100
61) 1,2-Dibromoethane	9.610	107	5503	4.900	ug/l	98
64) Tetrachloroethene	9.275	164	4544	5.069	ug/l	97
65) Chlorobenzene	10.080	112	13391	5.016	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	4552	4.923	ug/l	98
67) Ethyl Benzene	10.195	91	23655	4.975	ug/l	98
68) m/p-Xylenes	10.299	106	18080	10.069	ug/l	98
69) o-Xylene	10.640	106	8655	4.960	ug/l	93
70) Styrene	10.659	104	13799	4.756	ug/l	99
71) Bromoform	10.799	173	3147	5.522	ug/l #	98
73) Isopropylbenzene	10.964	105	23037	5.046	ug/l	99
74) N-amyl acetate	10.842	43	8701	4.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	8002	4.879	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	6367m	4.851	ug/l	
77) Bromobenzene	11.201	156	5372	4.982	ug/l	97
78) n-propylbenzene	11.305	91	27340	4.947	ug/l	99
79) 2-Chlorotoluene	11.366	91	16961	5.082	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	19333	5.030	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.025	75	1446	6.424	ug/l #	82
82) 4-Chlorotoluene	11.457	91	19659	4.972	ug/l	97
83) tert-Butylbenzene	11.713	119	18660	4.952	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	19427	4.996	ug/l	98
85) sec-Butylbenzene	11.890	105	23988	4.954	ug/l	98
86) p-Isopropyltoluene	12.012	119	18827	4.743	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	10796	5.053	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	11486	5.077	ug/l	95
89) n-Butylbenzene	12.335	91	18527	4.835	ug/l	95
90) Hexachloroethane	12.536	117	2700	4.312	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	10393	5.025	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	1705	4.504	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	7032	4.966	ug/l	94
94) Hexachlorobutadiene	13.725	225	2902	5.135	ug/l	98
95) Naphthalene	13.780	128	20770	4.645	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	6672	4.944	ug/l	94

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

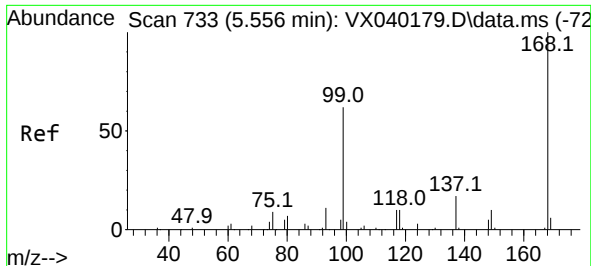
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

Quant Time: Feb 10 05:45:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 10 05:39:32 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



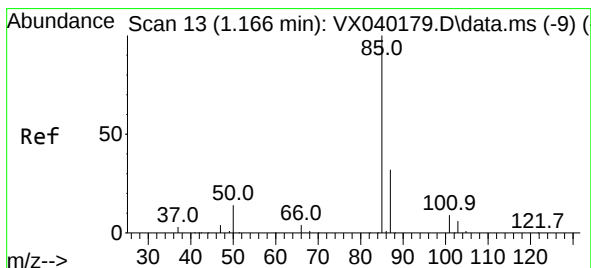
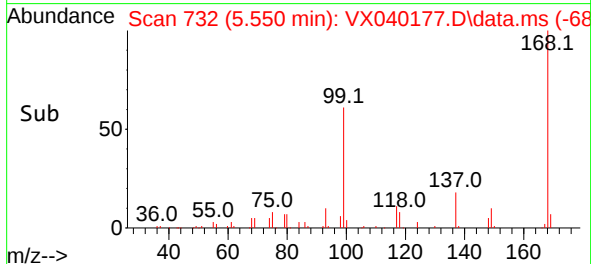
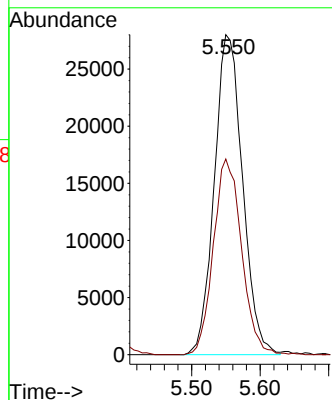
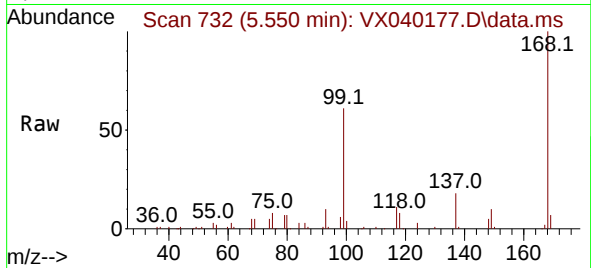
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:168 Resp: 80139
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0

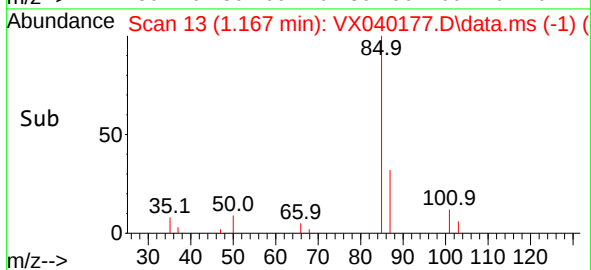
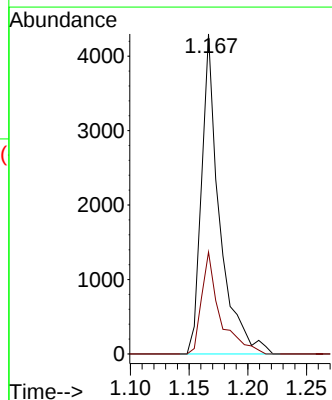
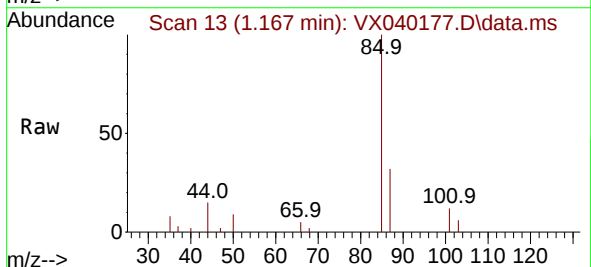
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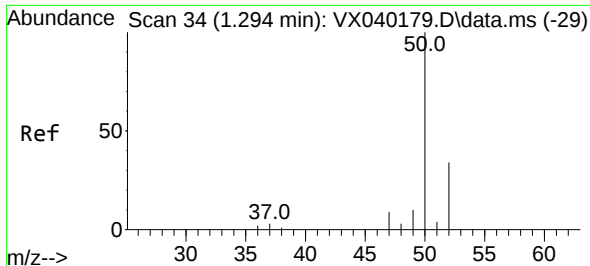
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#2
Dichlorodifluoromethane
Concen: 5.054 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Tgt Ion: 85 Resp: 4575
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





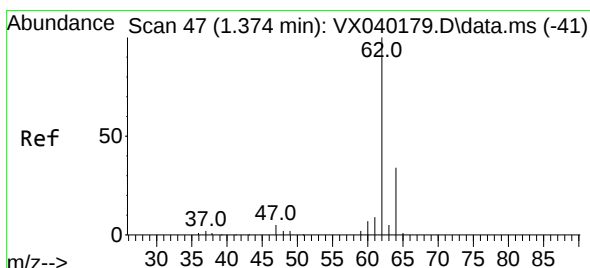
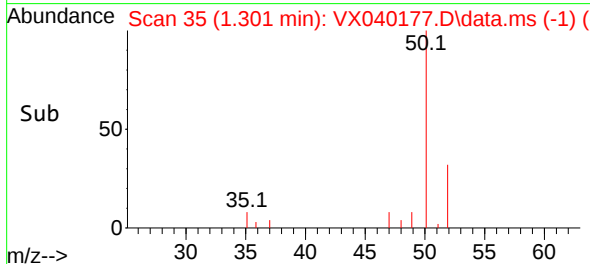
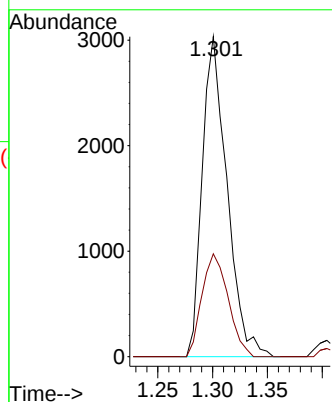
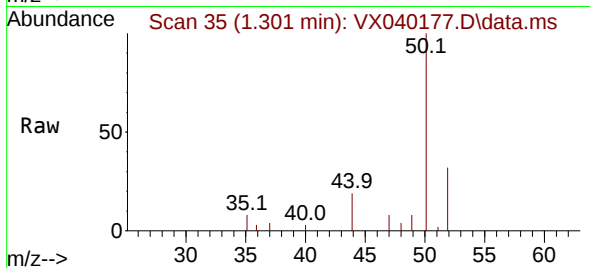
#3
Chloromethane
Concen: 5.094 ug/l
RT: 1.301 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 475
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3

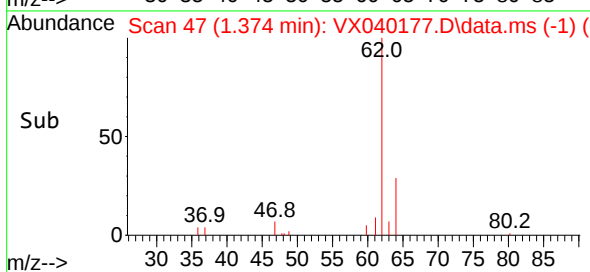
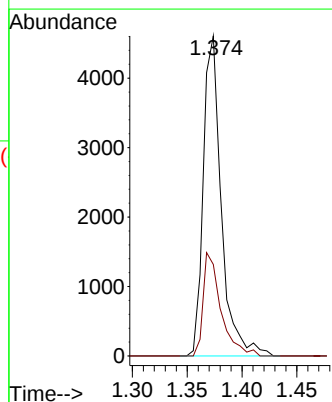
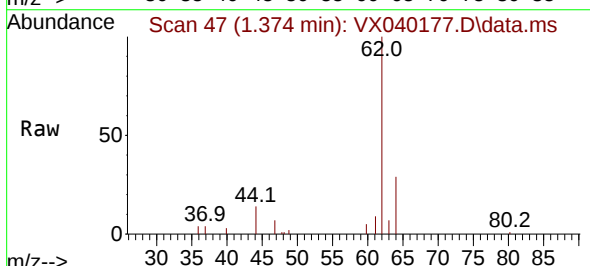
Manual Integrations
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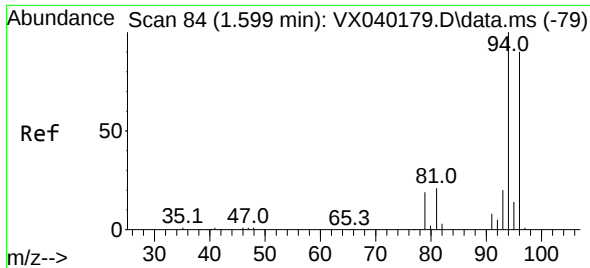
Reviewed By :John Carlone 02/12/2024
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#4
Vinyl Chloride
Concen: 5.345 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Tgt Ion: 62 Resp: 5273
Ion Ratio Lower Upper
62 100
64 28.6 25.4 38.0





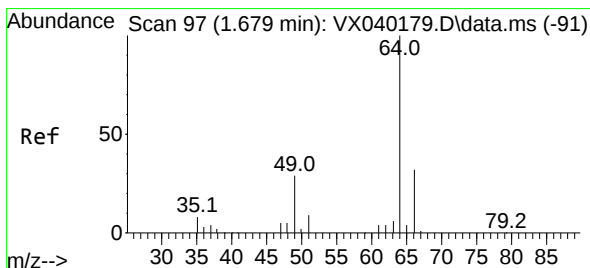
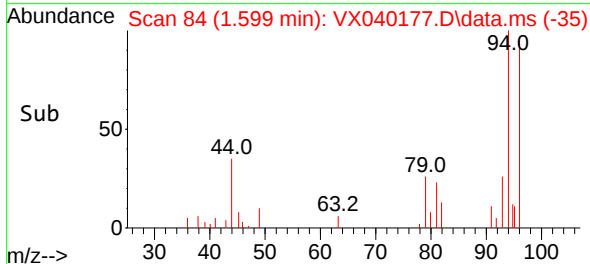
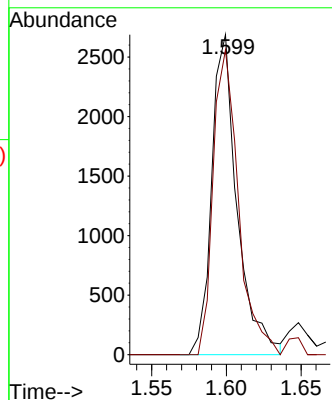
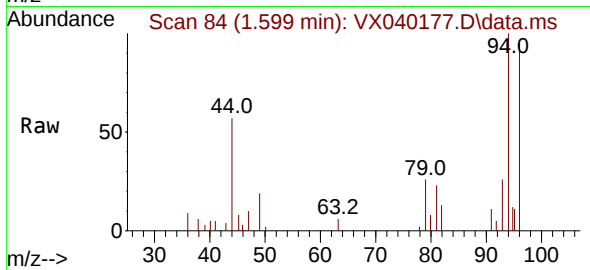
#5
Bromomethane
Concen: 5.707 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 317
Ion Ratio Lower Upper
94 100
96 95.3 74.6 111.8

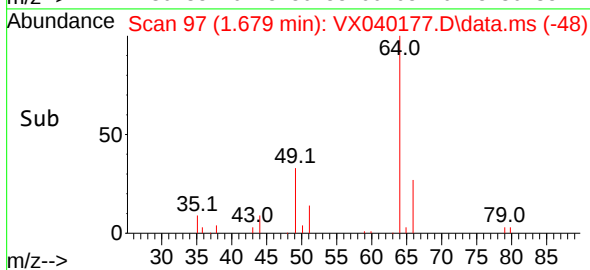
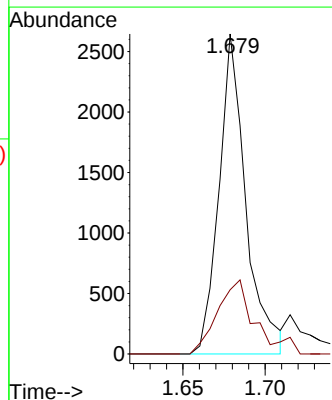
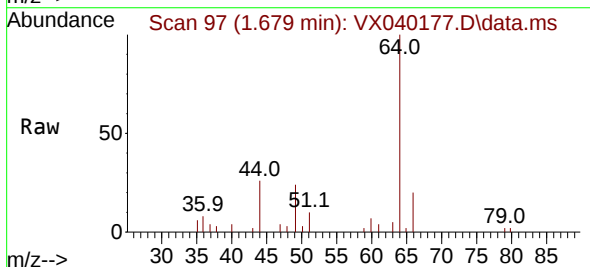
Manual Integrations
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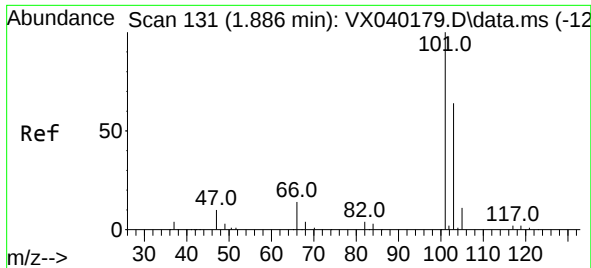
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#6
Chloroethane
Concen: 4.835 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

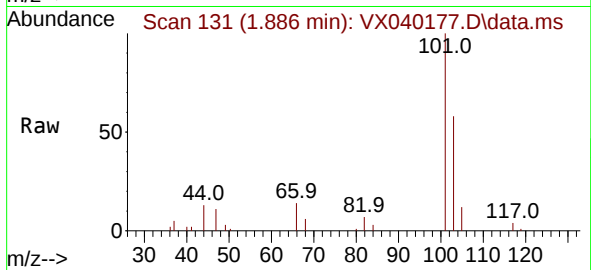
Tgt Ion: 64 Resp: 3008
Ion Ratio Lower Upper
64 100
66 20.1 25.1 37.7#





#7
 Trichlorofluoromethane
 Concen: 5.210 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040177.D
 Acq: 09 Feb 2024 16:33

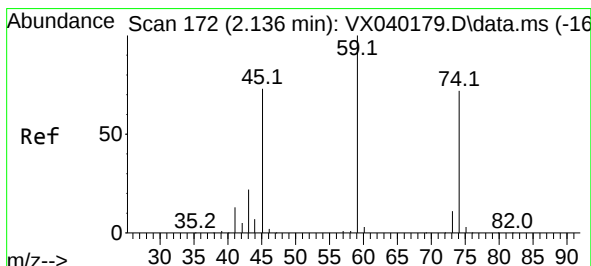
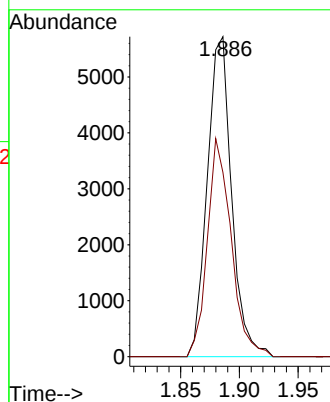
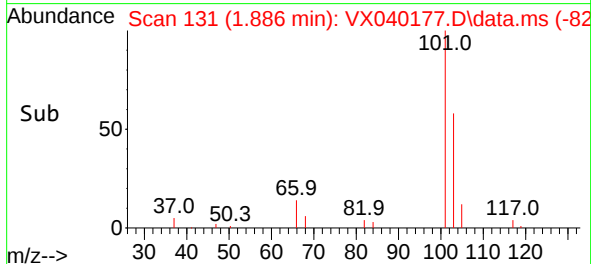
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 825
 Ion Ratio Lower Upper
 101 100
 103 57.6 51.4 77.2

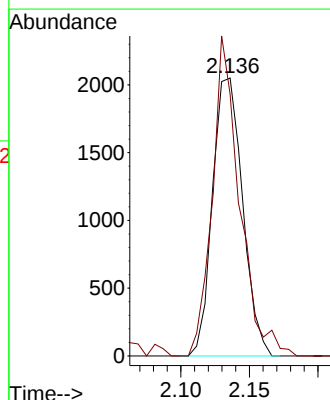
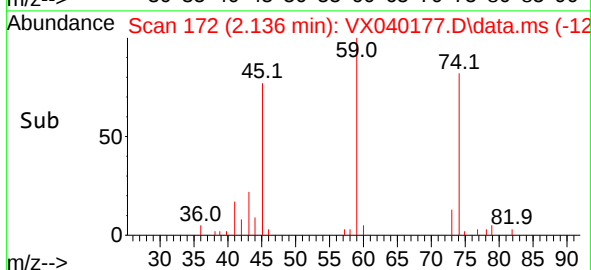
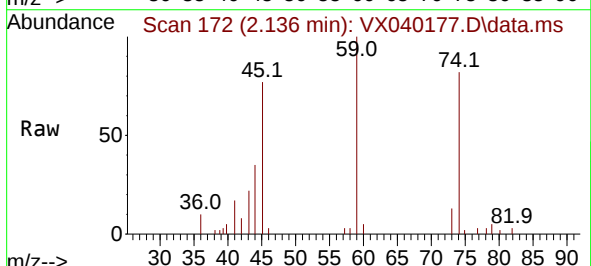
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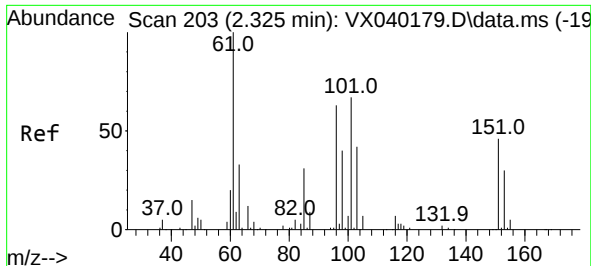
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#8
 Diethyl Ether
 Concen: 5.263 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX040177.D
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Tgt Ion: 74 Resp: 3132
 Ion Ratio Lower Upper
 74 100
 45 104.0 53.3 159.8





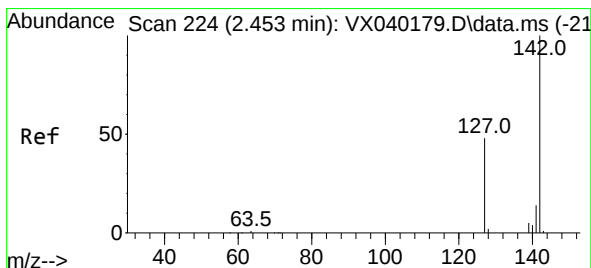
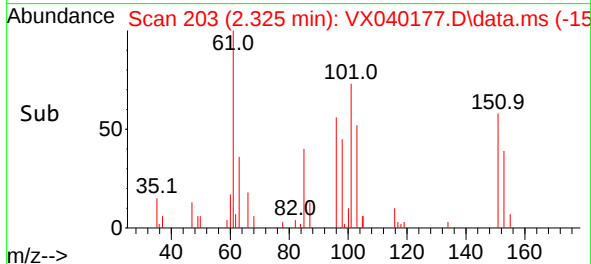
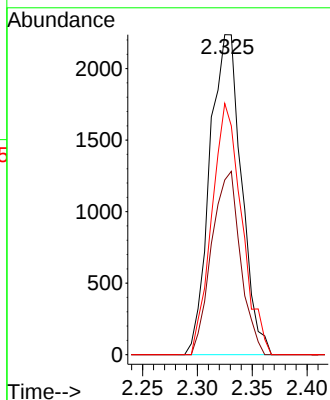
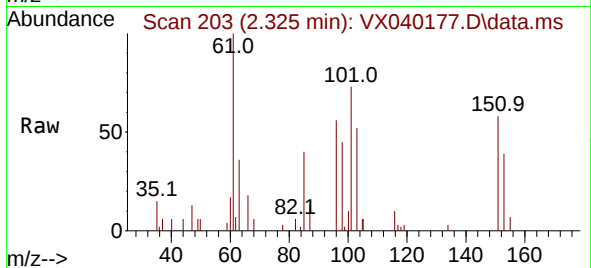
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.287 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 449
Ion Ratio Lower Upper
101 100
85 52.2 37.0 55.6
151 74.4 58.6 87.8

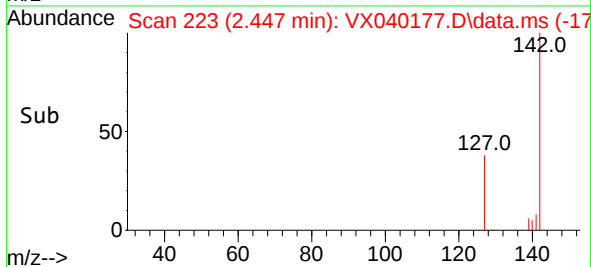
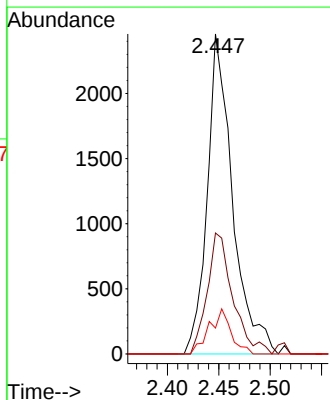
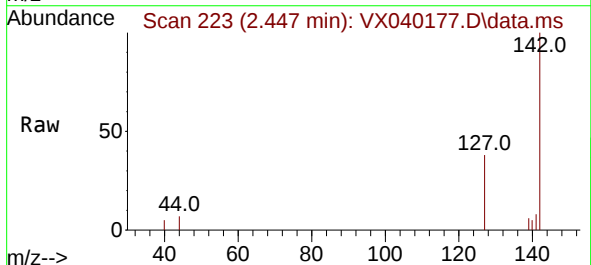
Manual Integrations
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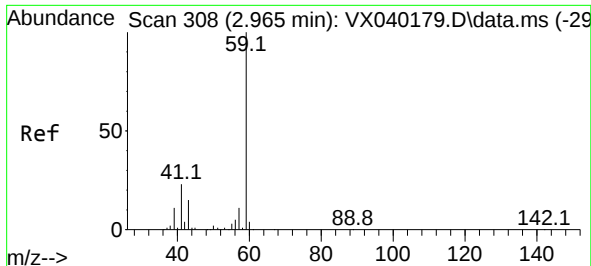
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#10
Methyl Iodide
Concen: 4.458 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

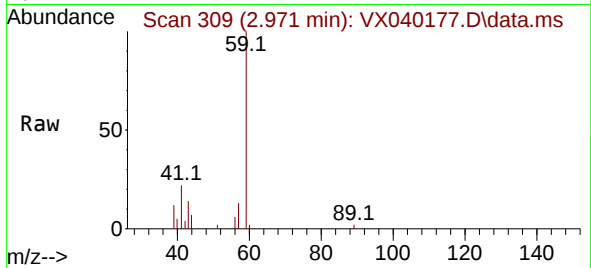
Tgt Ion:142 Resp: 4206
Ion Ratio Lower Upper
142 100
127 38.2 41.6 62.4#
141 12.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 26.681 ug/l
RT: 2.971 min Scan# 308
Delta R.T. 0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

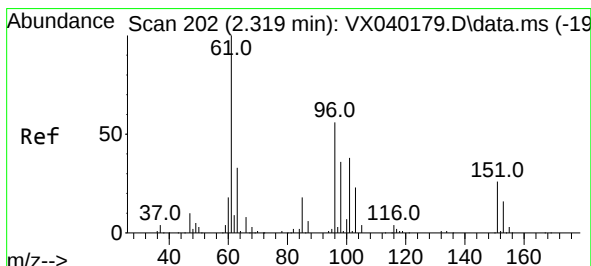
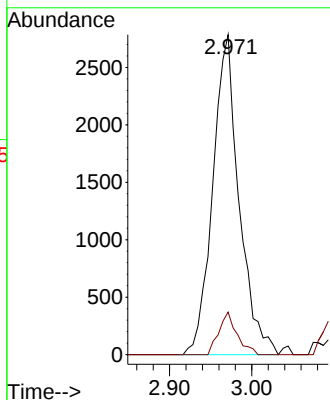
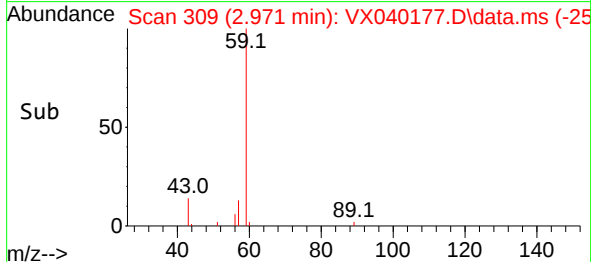
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



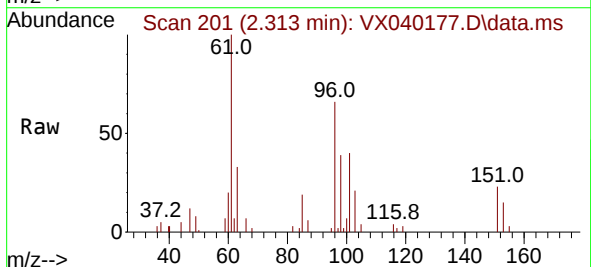
Tgt Ion: 59 Resp: 6190
Ion Ratio Lower Upper
59 100
57 9.1 6.0 9.0

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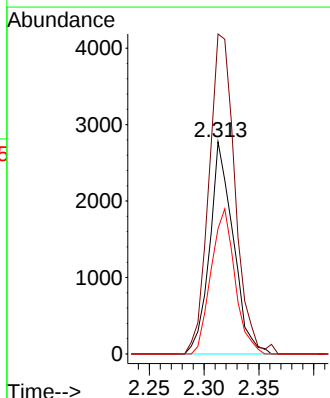
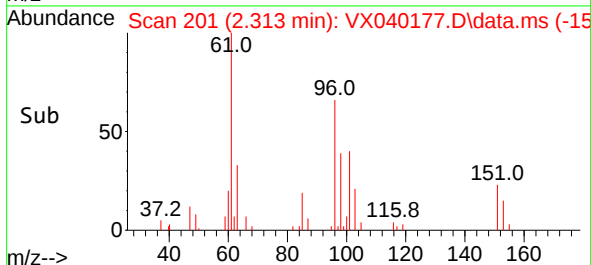
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

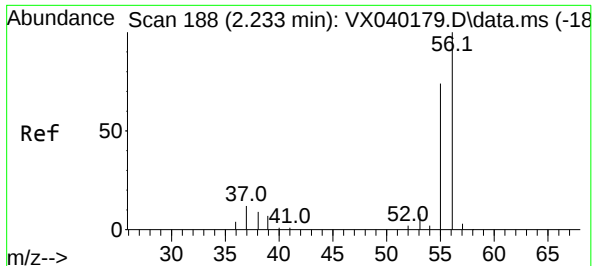


#12
1,1-Dichloroethene
Concen: 5.059 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33



Tgt Ion: 96 Resp: 4139
Ion Ratio Lower Upper
96 100
61 150.8 144.6 216.8
98 59.1 50.4 75.6





#13

Acrolein

Concen: 29.599 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 6084

Ion Ratio Lower Upper

56 100

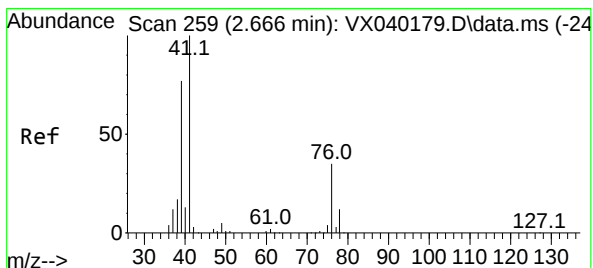
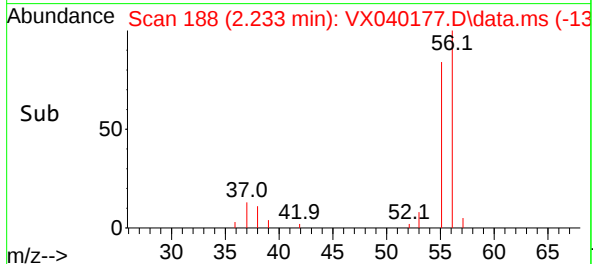
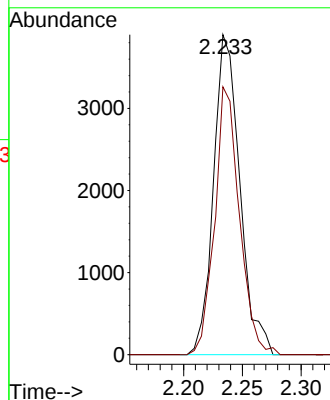
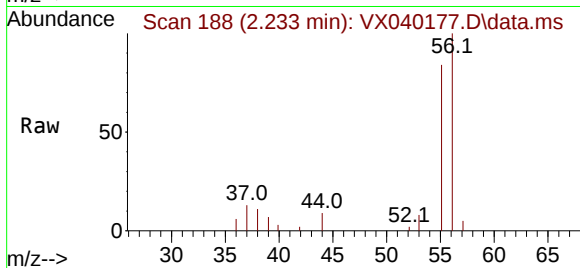
55 78.7 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#14

Allyl chloride

Concen: 5.109 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

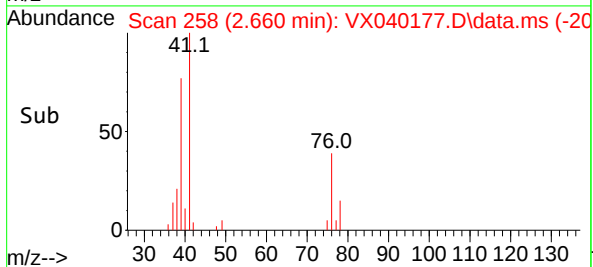
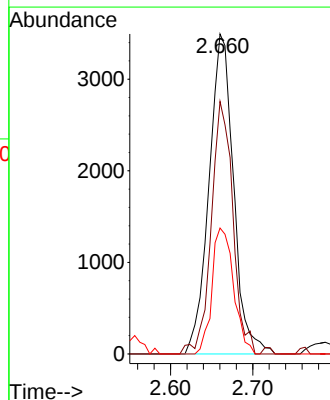
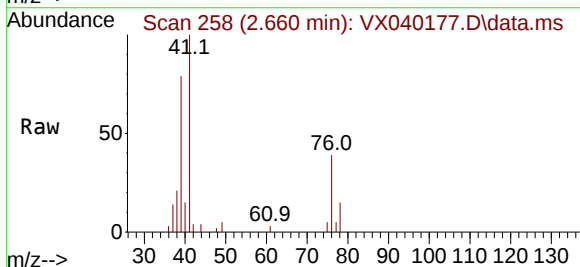
Tgt Ion: 41 Resp: 7254

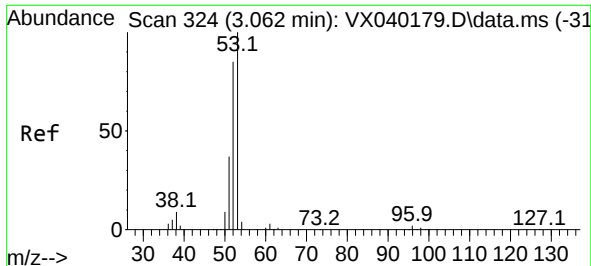
Ion Ratio Lower Upper

41 100

39 69.3 55.8 83.6

76 34.6 24.3 36.5





#15

Acrylonitrile

Concen: 26.093 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

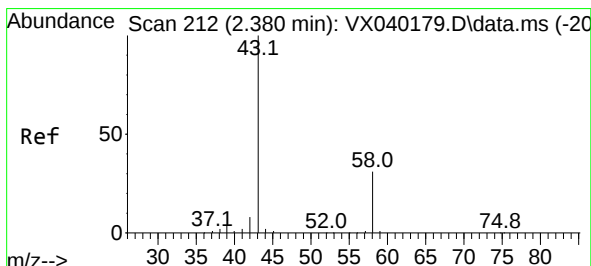
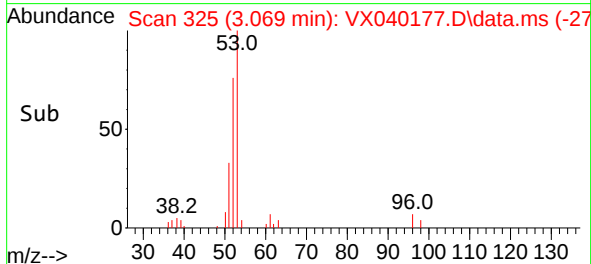
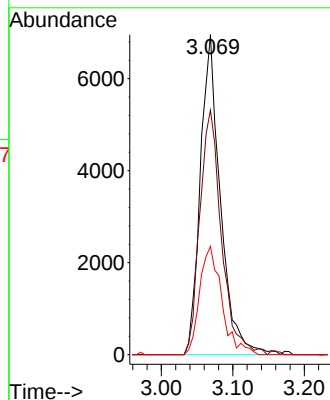
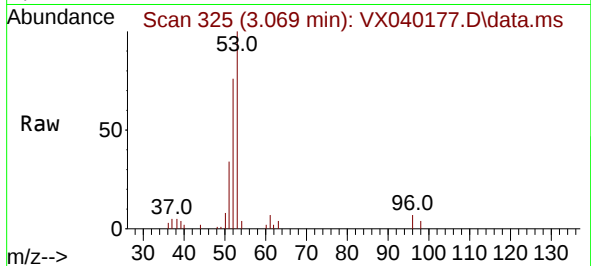
Tgt Ion: 53	Resp: 1355
Ion Ratio	Lower Upper
53	100
52	82.3 66.0 99.0
51	37.3 29.8 44.6

Manual Integrations

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Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#16

Acetone

Concen: 26.024 ug/l

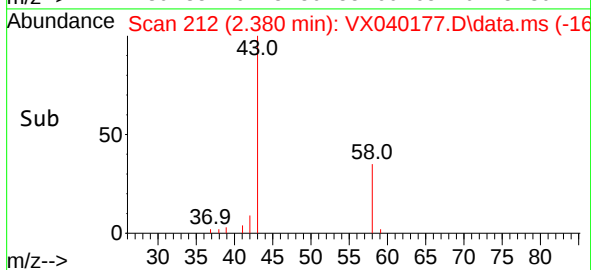
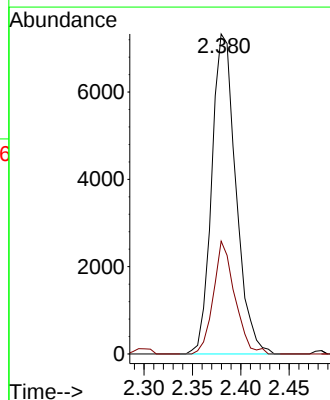
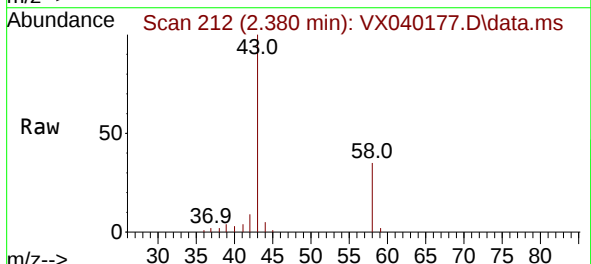
RT: 2.380 min Scan# 212

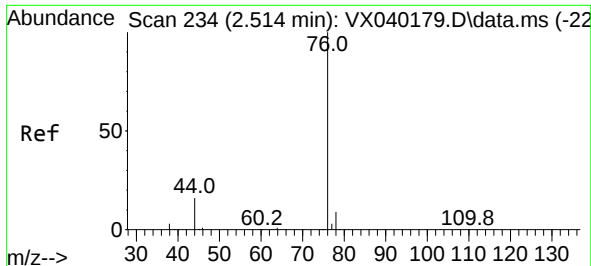
Delta R.T. 0.000 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

Tgt Ion: 43	Resp: 12743
Ion Ratio	Lower Upper
43	100
58	35.2 21.9 32.9





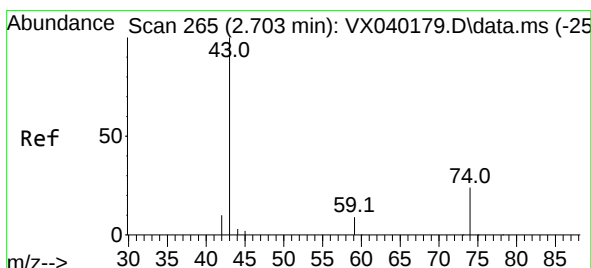
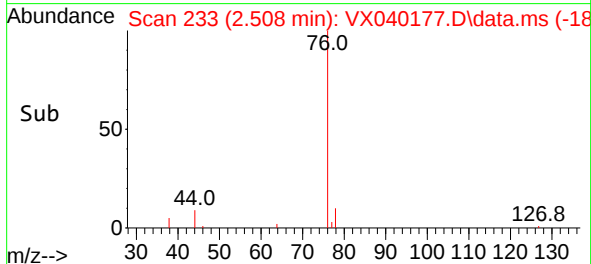
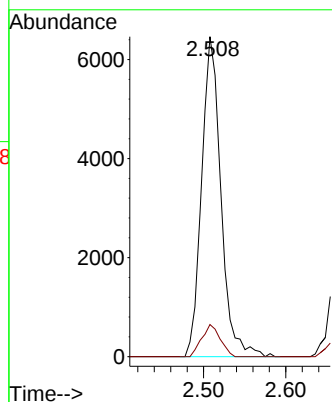
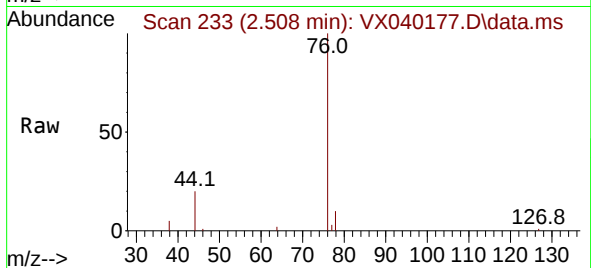
#17
Carbon Disulfide
Concen: 4.885 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 1055
Ion Ratio Lower Upper
76 100
78 10.1 7.0 10.6

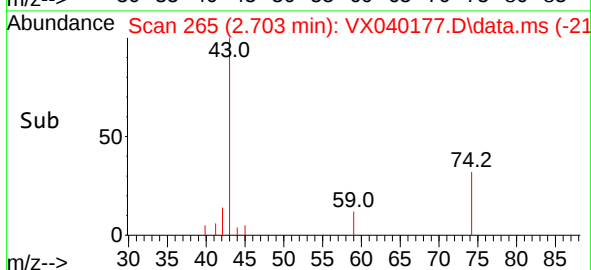
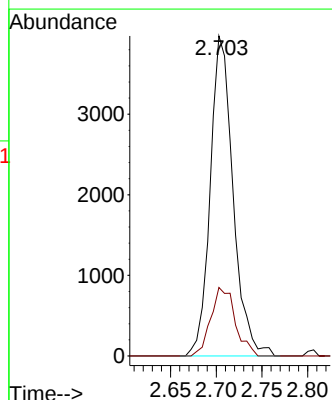
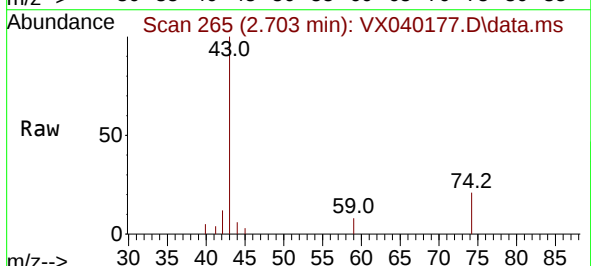
Manual Integrations
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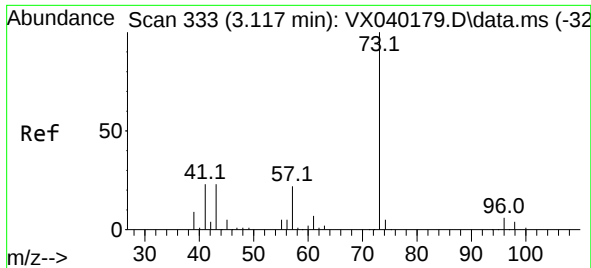
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#18
Methyl Acetate
Concen: 5.259 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Tgt Ion: 43 Resp: 6903
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8





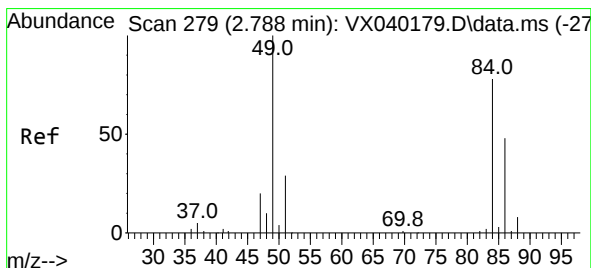
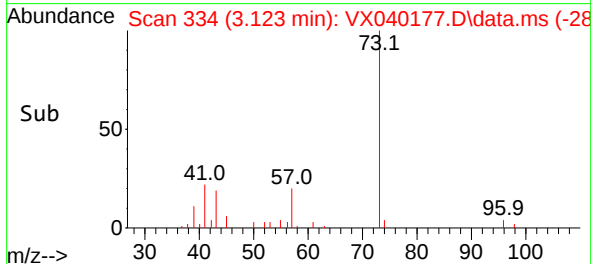
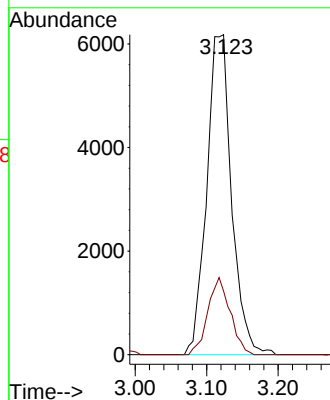
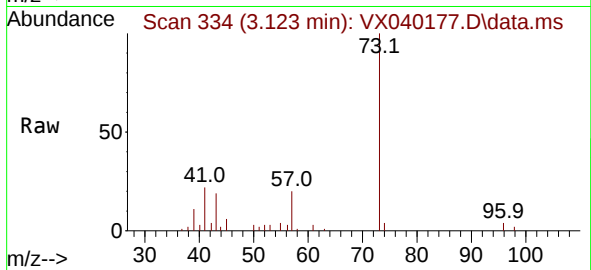
#19
Methyl tert-butyl Ether
Concen: 5.186 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 14948
Ion Ratio Lower Upper
73 100
57 19.9 17.3 25.9

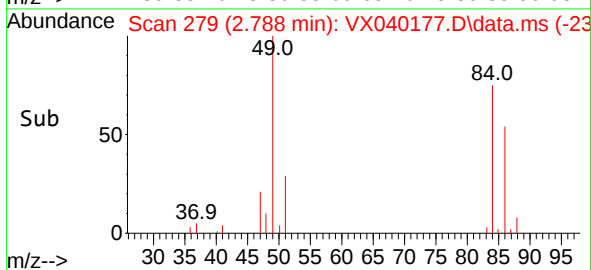
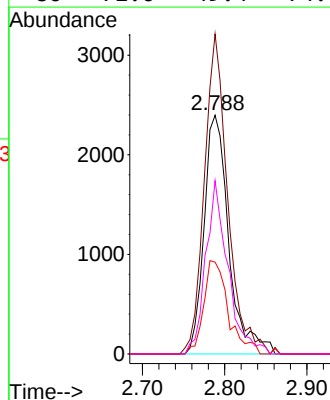
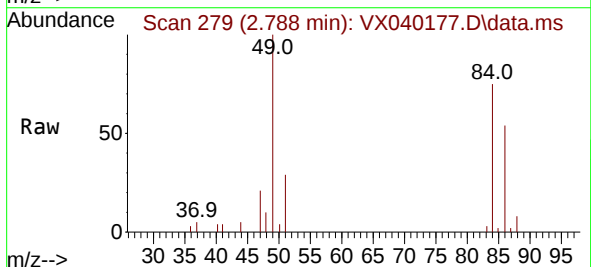
Manual Integrations
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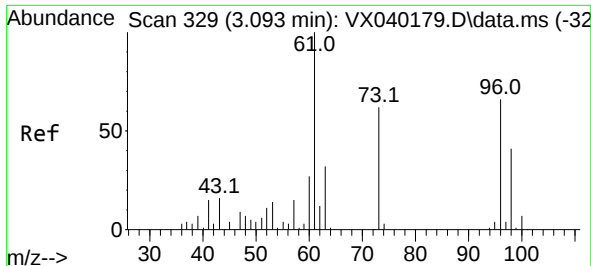
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#20
Methylene Chloride
Concen: 3.987 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

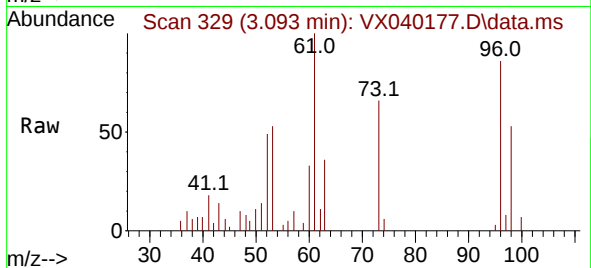
Tgt Ion: 84 Resp: 5007
Ion Ratio Lower Upper
84 100
49 134.0 103.6 155.4
51 38.5 33.8 50.6
86 72.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 4.949 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

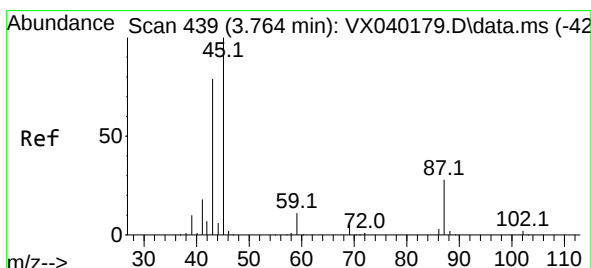
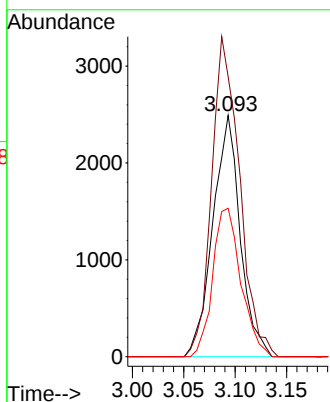
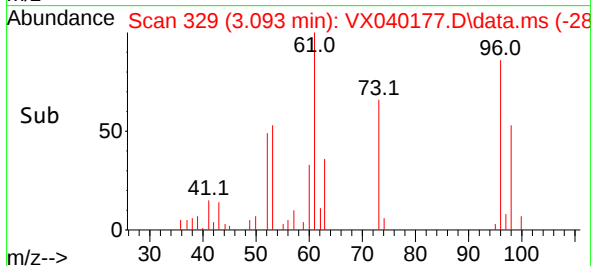
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



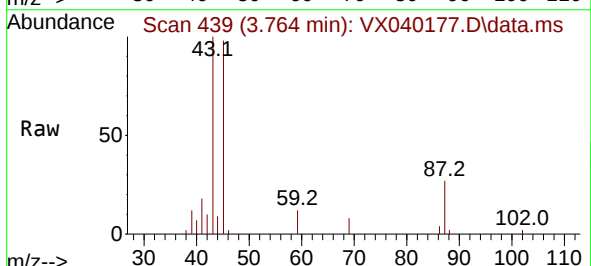
Tgt Ion: 96 Resp: 4612
Ion Ratio Lower Upper
96 100
61 116.1 119.2 178.8
98 61.5 48.7 73.1

Manual Integrations
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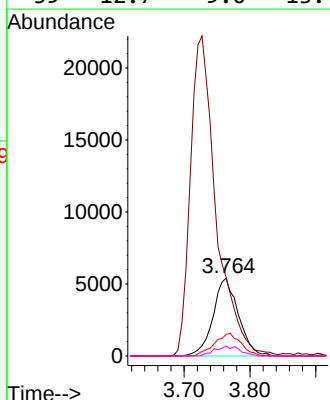
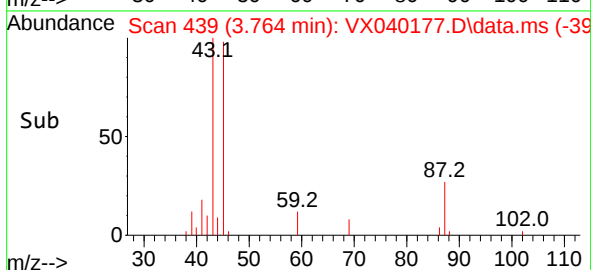
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

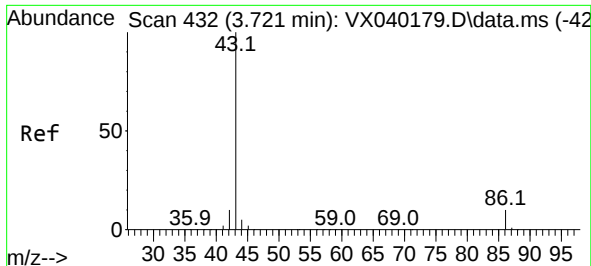


#22
Diisopropyl ether
Concen: 5.016 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33



Tgt Ion: 45 Resp: 14444
Ion Ratio Lower Upper
45 100
43 100.0 69.7 104.5
87 27.7 20.8 31.2
59 12.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 23.499 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX040177.D
 Acq: 09 Feb 2024 16:33

Instrument :

MSVOA_X

ClientSampleId :

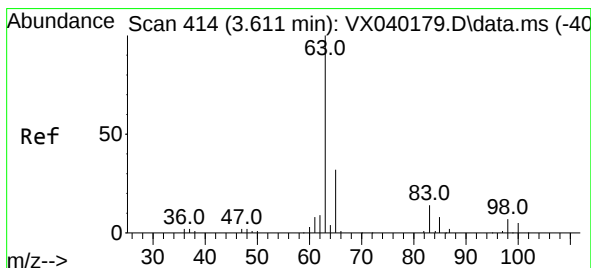
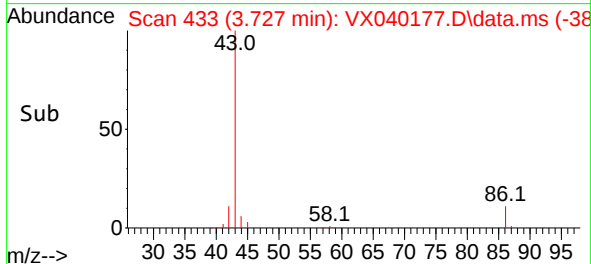
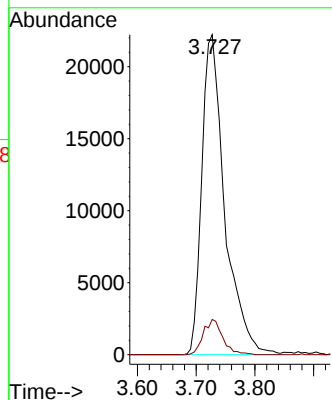
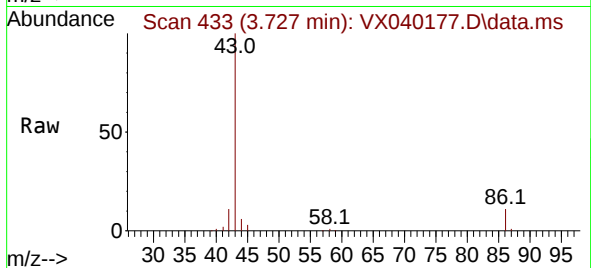
VSTDIC005

Tgt Ion: 43 Resp: 6032
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.8 11.8

Manual Integrations

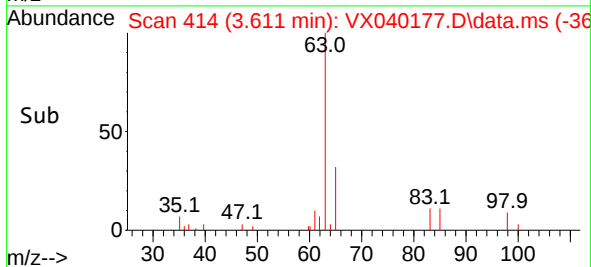
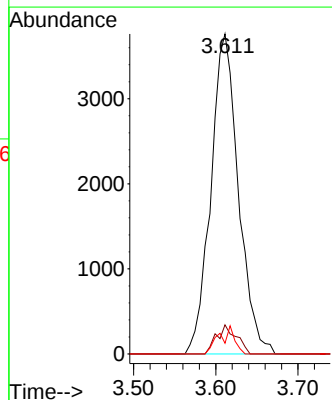
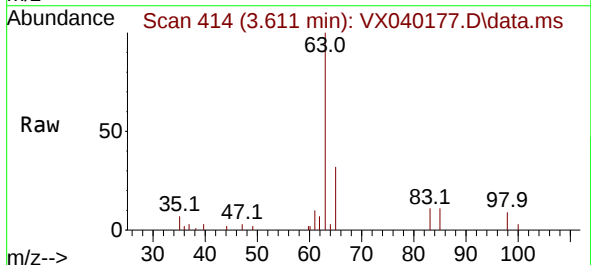
APPROVED

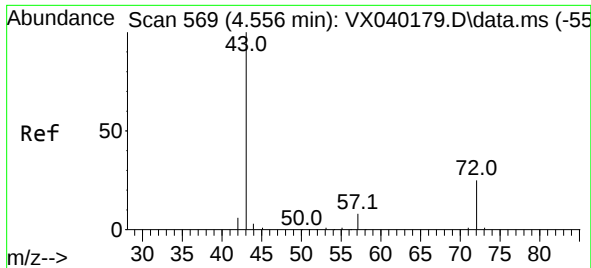
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#24
 1,1-Dichloroethane
 Concen: 5.226 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040177.D
 Acq: 09 Feb 2024 16:33

Tgt Ion: 63 Resp: 8766
 Ion Ratio Lower Upper
 63 100
 98 9.1 3.3 9.8
 100 3.3 2.1 6.5





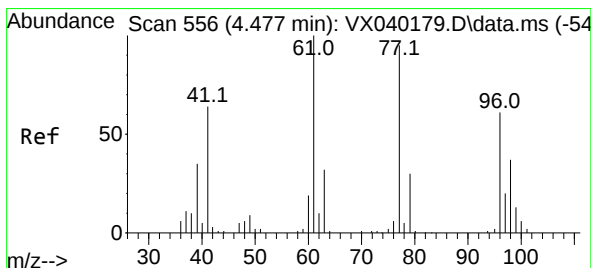
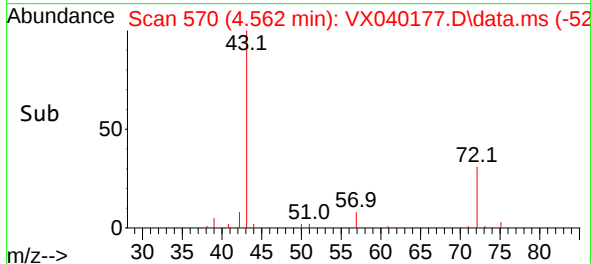
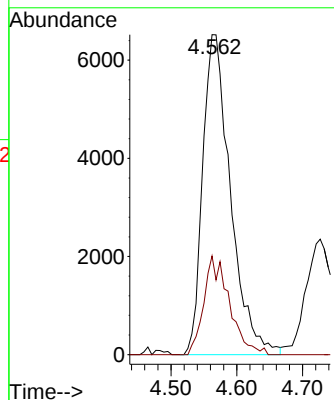
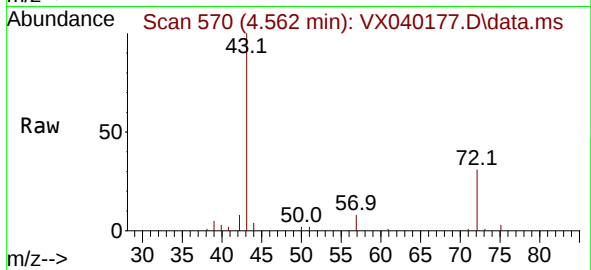
#25
2-Butanone
Concen: 25.052 ug/l
RT: 4.562 min Scan# 517
Delta R.T. 0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 1917
Ion Ratio Lower Upper
43 100
72 30.8 19.4 29.2

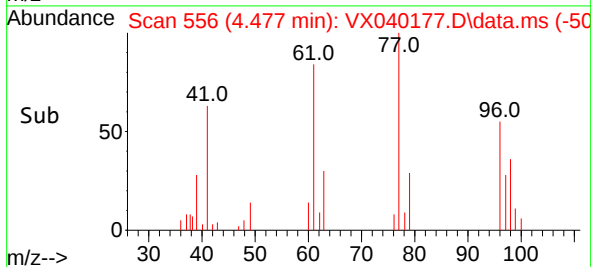
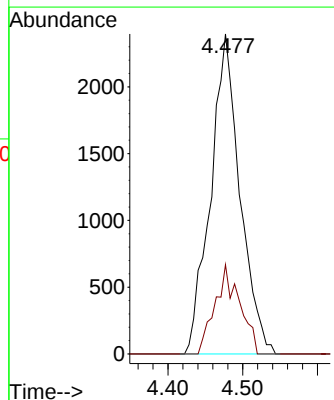
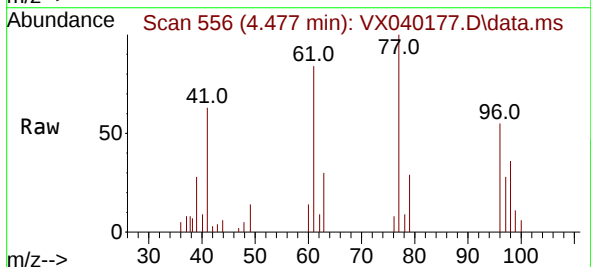
Manual Integrations
APPROVED

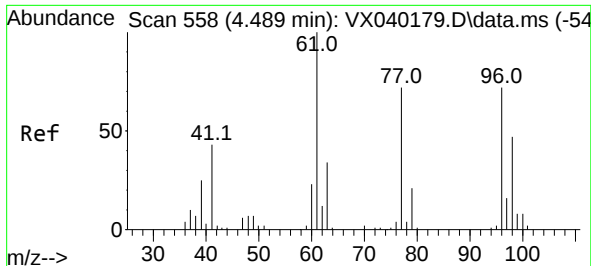
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#26
2,2-Dichloropropane
Concen: 5.066 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Tgt Ion: 77 Resp: 6542
Ion Ratio Lower Upper
77 100
97 23.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 5.101 ug/l

RT: 4.495 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 542

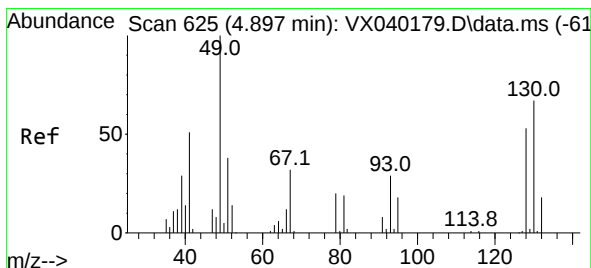
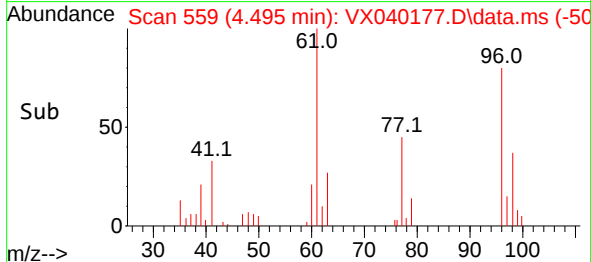
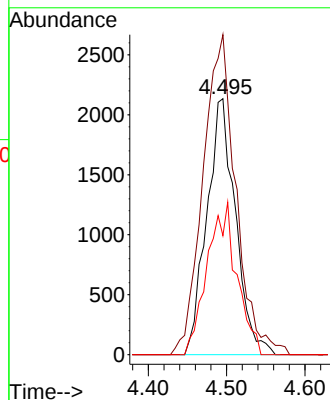
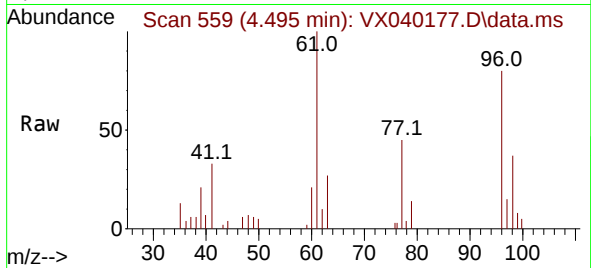
Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	312.2
98	61.4	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#28

Bromochloromethane

Concen: 5.570 ug/l

RT: 4.898 min Scan# 625

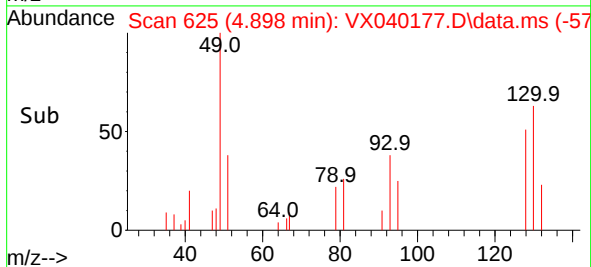
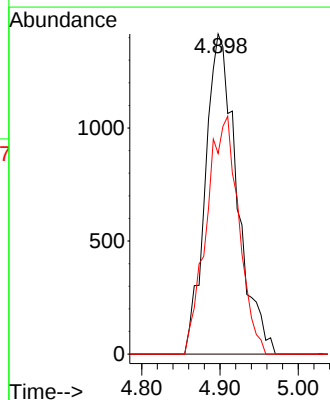
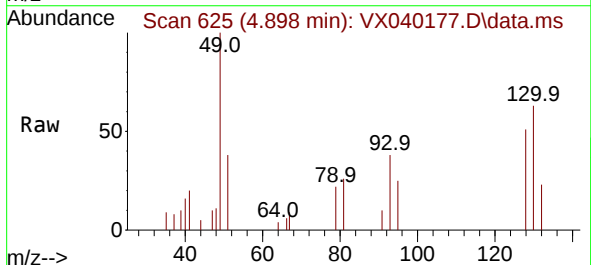
Delta R.T. 0.000 min

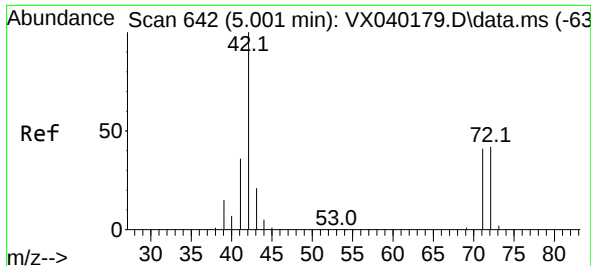
Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

Tgt Ion: 49 Resp: 3967

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	75.9	57.5	86.3





#29

Tetrahydrofuran

Concen: 24.965 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

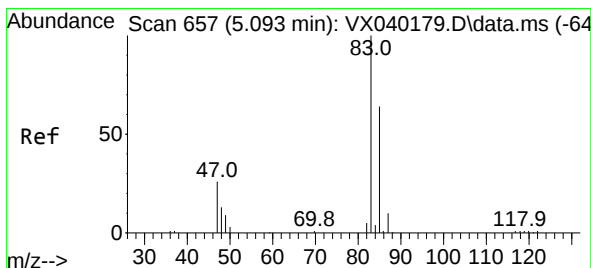
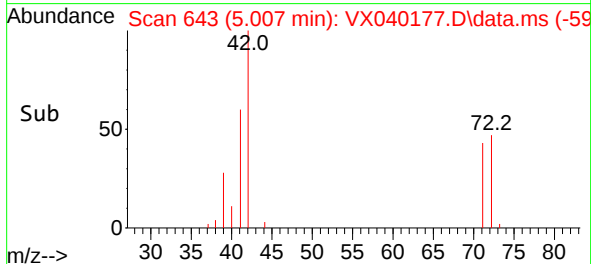
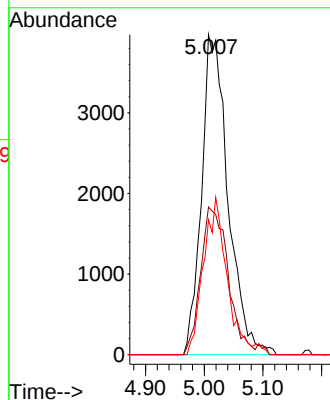
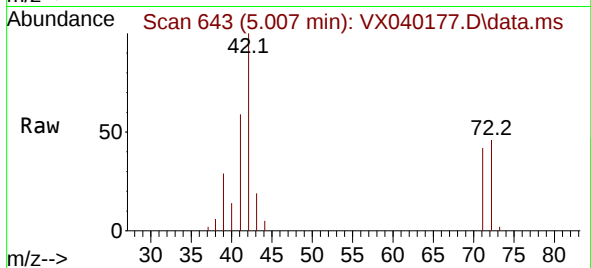
Tgt Ion:	42	Resp:	12449
Ion	Ratio	Lower	Upper
42	100		
72	47.7	34.2	51.4
71	44.1	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#30

Chloroform

Concen: 4.783 ug/l

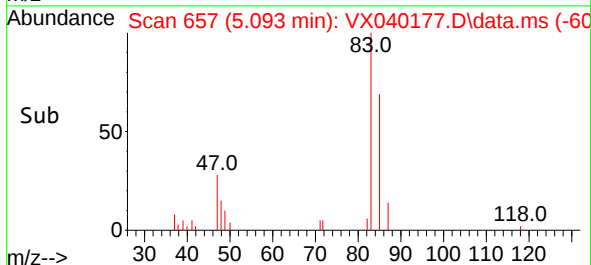
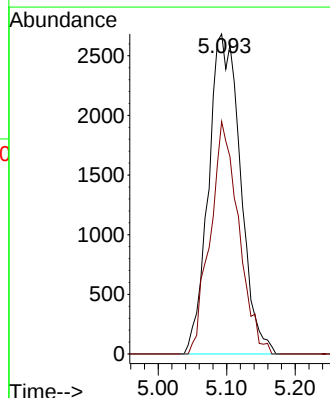
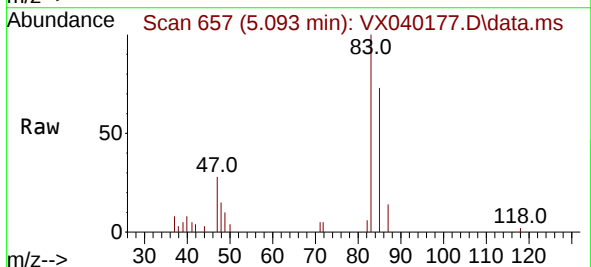
RT: 5.093 min Scan# 657

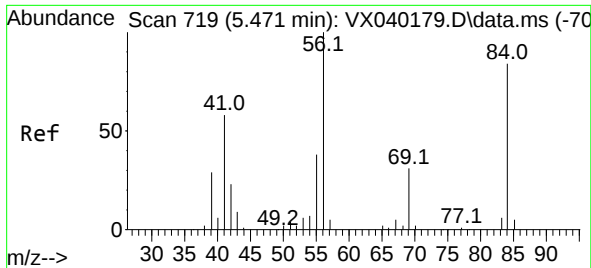
Delta R.T. -0.006 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

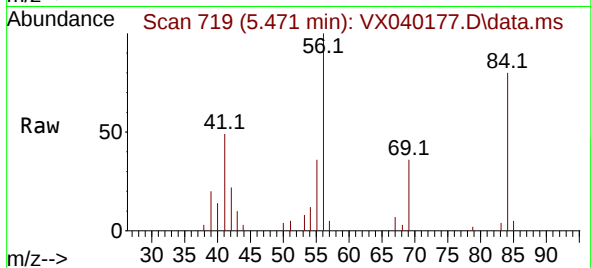
Tgt Ion:	83	Resp:	8675
Ion	Ratio	Lower	Upper
83	100		
85	72.7	50.3	75.5





#31
Cyclohexane
Concen: 5.351 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

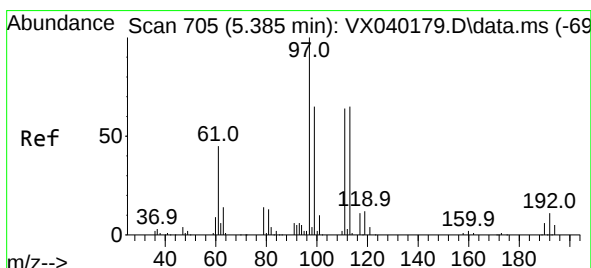
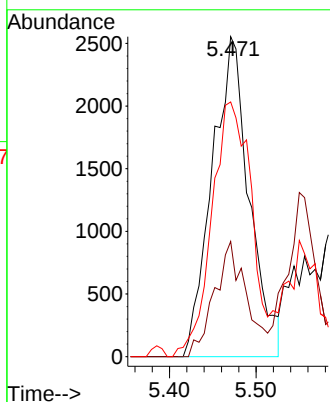
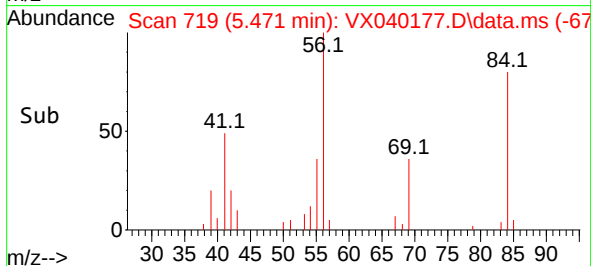
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



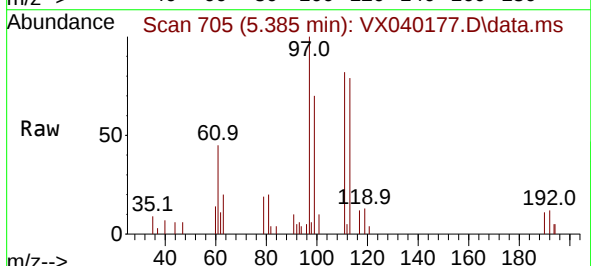
Tgt Ion: 56 Resp: 7610
Ion Ratio Lower Upper
56 100
69 36.0 23.4 35.2
84 77.1 65.9 98.9

Manual Integrations
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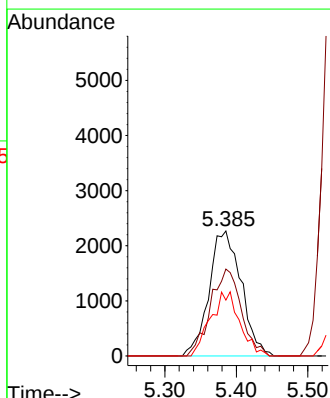
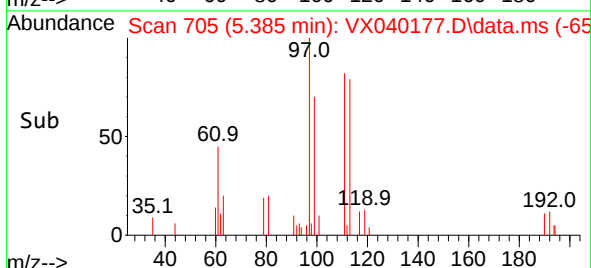
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

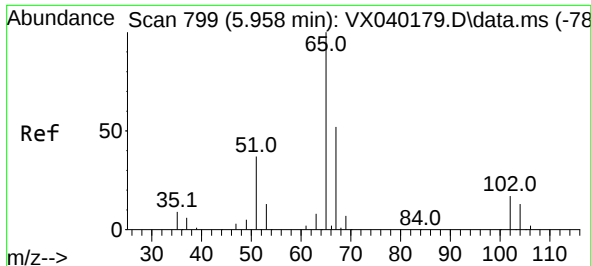


#32
1,1,1-Trichloroethane
Concen: 4.633 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33



Tgt Ion: 97 Resp: 7068
Ion Ratio Lower Upper
97 100
99 66.4 51.1 76.7
61 46.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 6.117 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 729

Ion Ratio Lower Upper

65 100

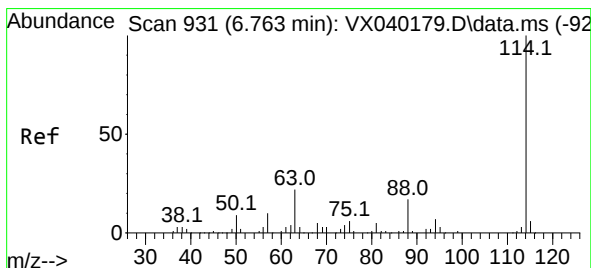
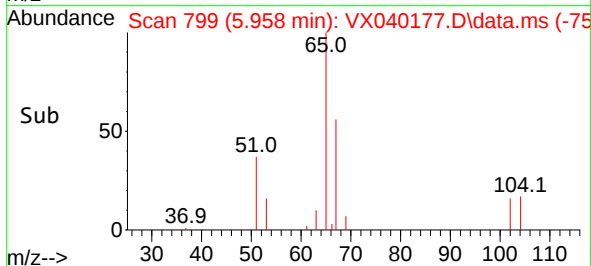
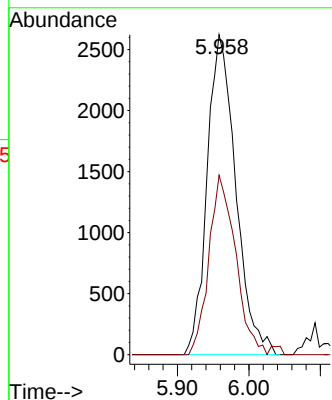
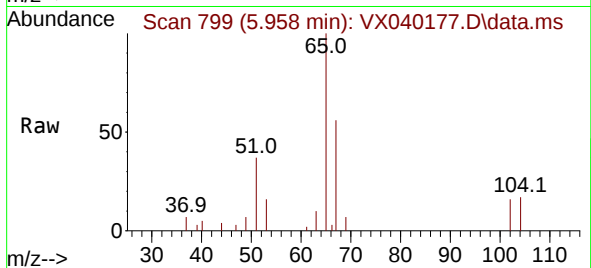
67 52.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

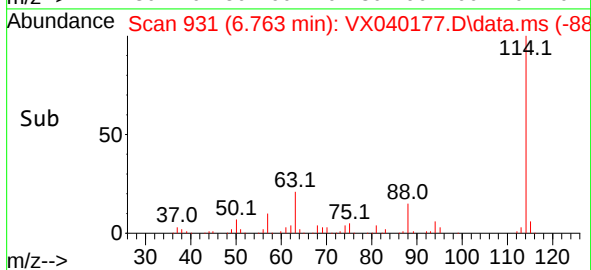
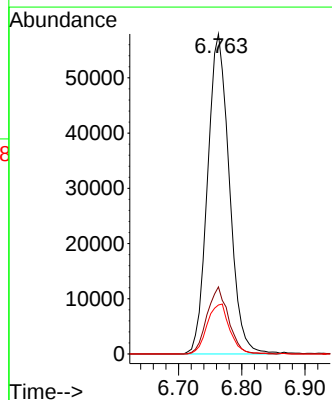
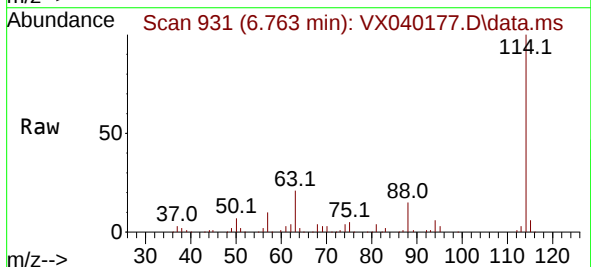
Tgt Ion:114 Resp: 138235

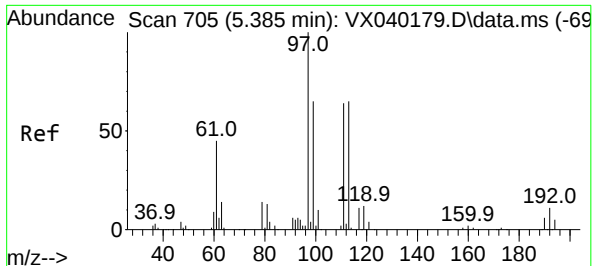
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

88 15.3 0.0 36.6





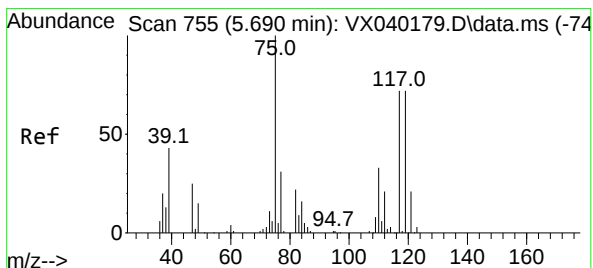
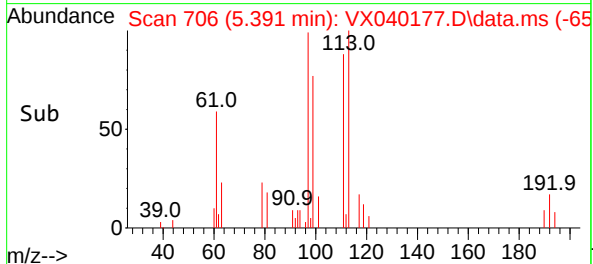
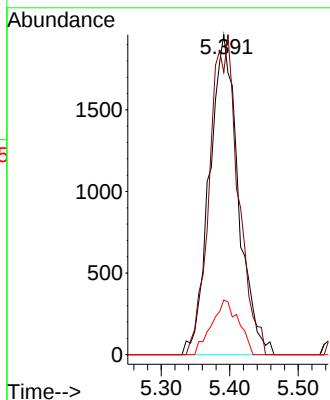
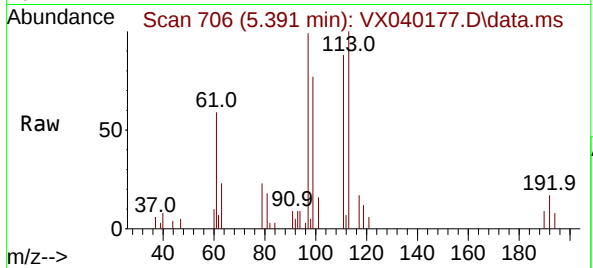
#35
Dibromofluoromethane
Concen: 5.918 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 113 Resp: 571
Ion Ratio Lower Upper
113 100
111 99.8 82.9 124.3
192 16.0 13.3 19.9

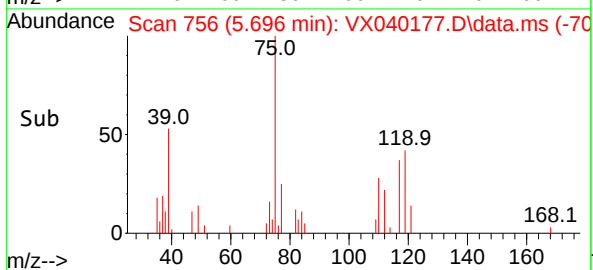
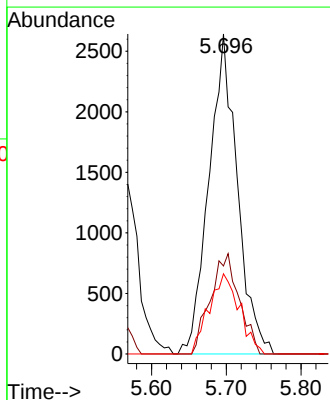
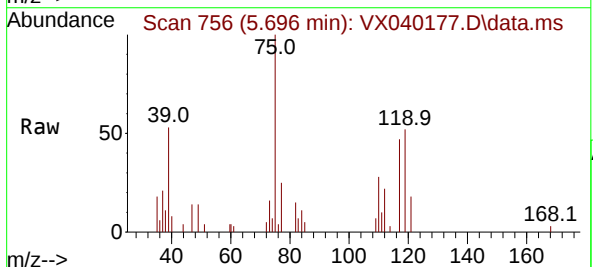
Manual Integrations
APPROVED

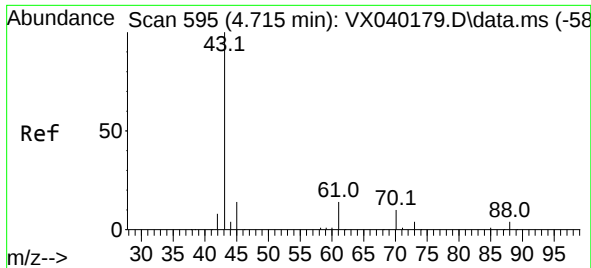
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#36
1,1-Dichloropropene
Concen: 5.167 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Tgt Ion: 75 Resp: 6988
Ion Ratio Lower Upper
75 100
110 31.8 17.0 50.9
77 26.7 24.7 37.1





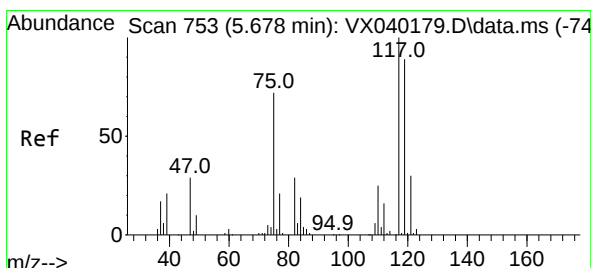
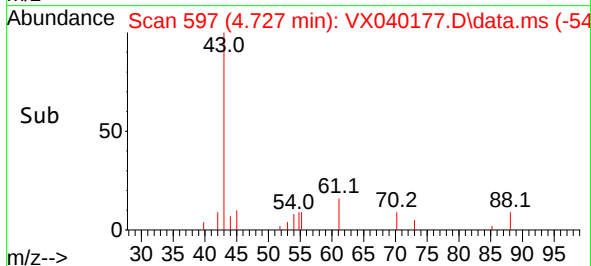
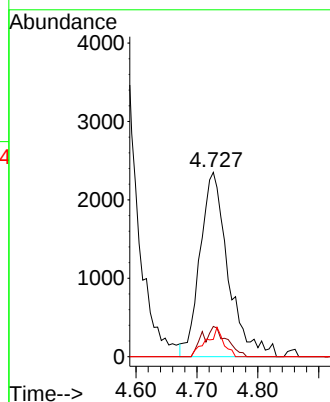
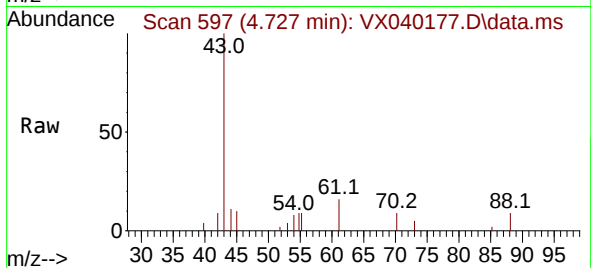
#37
Ethyl Acetate
Concen: 5.018 ug/l
RT: 4.727 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 9.6 8.3 12.5

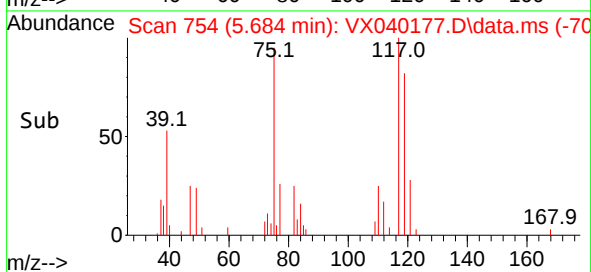
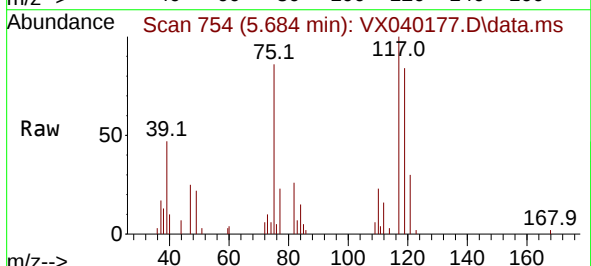
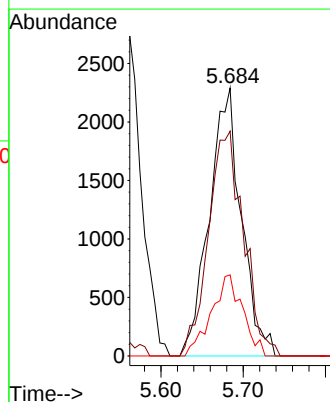
Manual Integrations
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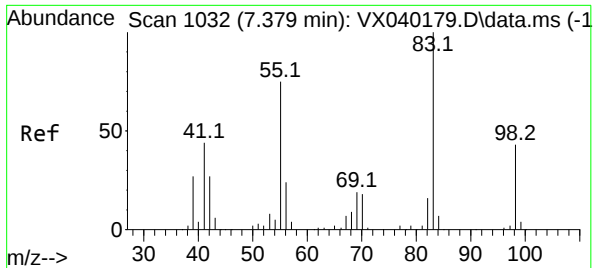
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#38
Carbon Tetrachloride
Concen: 4.838 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.012 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Tgt Ion:117 Resp: 6221
Ion Ratio Lower Upper
117 100
119 83.9 78.2 117.2
121 30.3 24.4 36.6





#39
Methylcyclohexane
Concen: 5.166 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

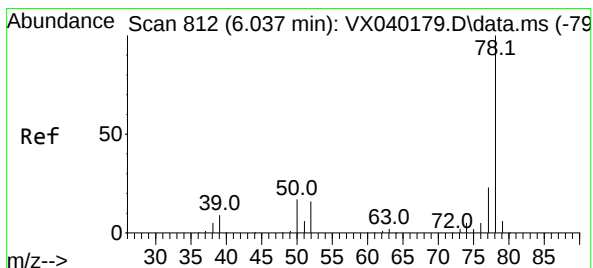
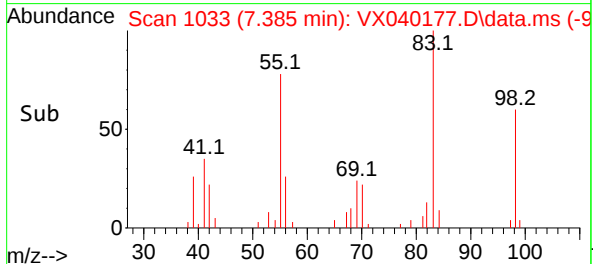
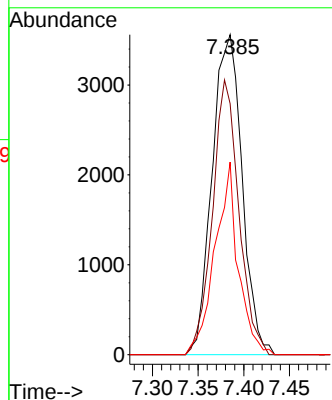
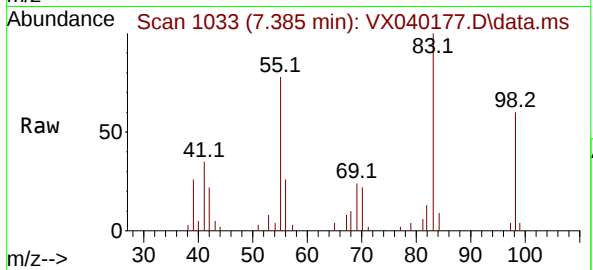
Tgt Ion: 83 Resp: 8119
Ion Ratio Lower Upper
83 100
55 78.4 64.6 97.0
98 60.2 36.7 55.1

Manual Integrations

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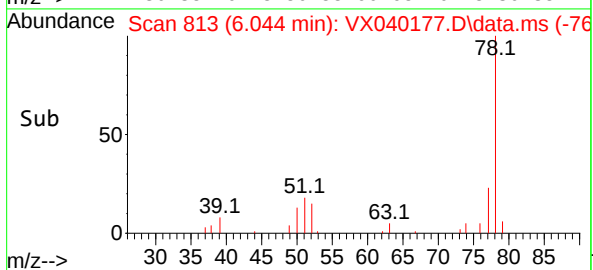
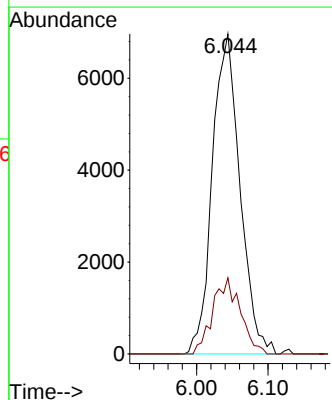
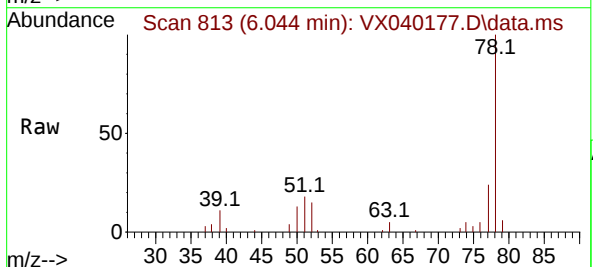
Reviewed By :John Carlone 02/12/2024

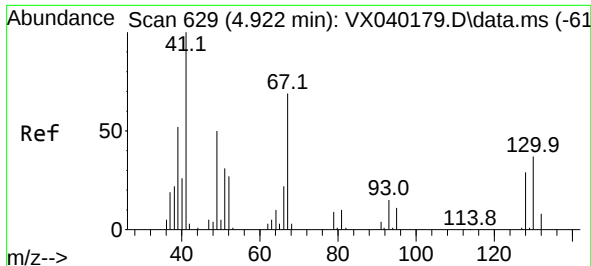
Supervised By :Mahesh Dadoda 02/12/2024



#40
Benzene
Concen: 4.949 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Tgt Ion: 78 Resp: 18717
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 4.817 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

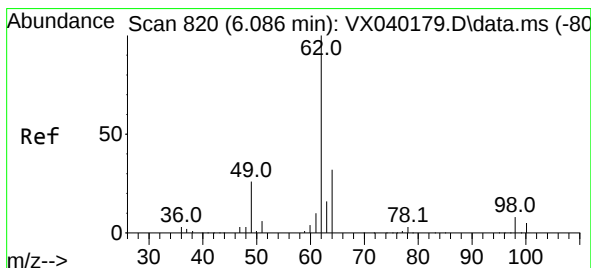
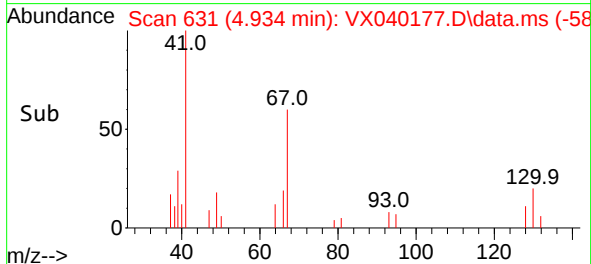
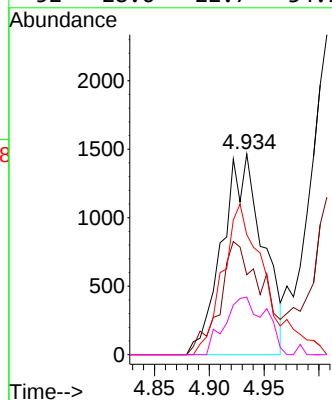
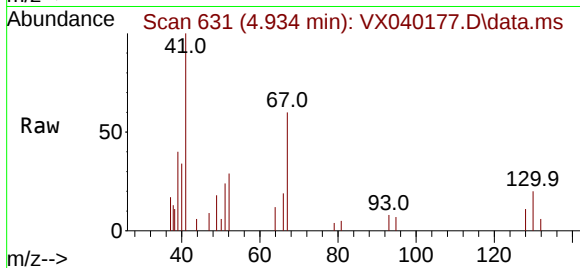
Tgt Ion: 41 Resp: 3789
Ion Ratio Lower Upper
41 100
39 58.0 45.2 67.8
67 78.4 52.6 78.8
52 28.6 22.7 34.1

Manual Integrations

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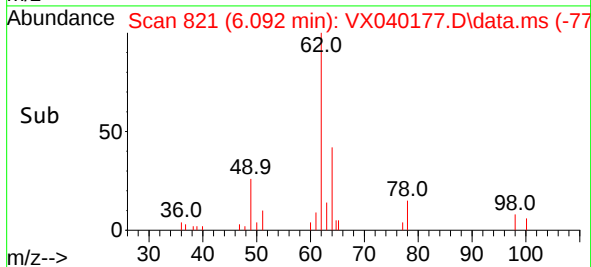
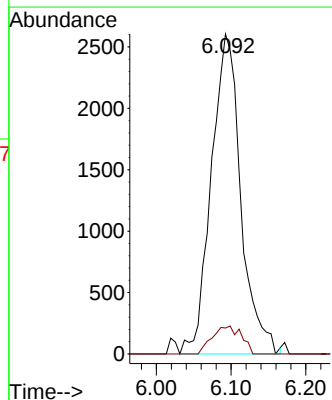
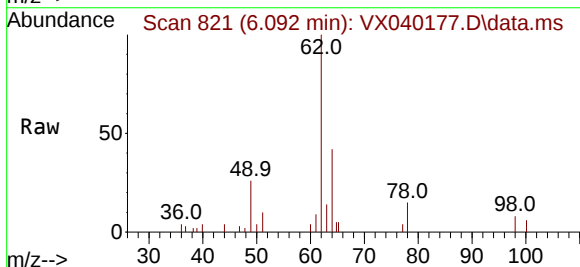
Reviewed By :John Carlone 02/12/2024

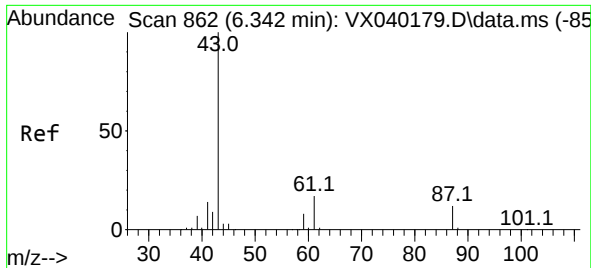
Supervised By :Mahesh Dadoda 02/12/2024



#42
1,2-Dichloroethane
Concen: 4.843 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Tgt Ion: 62 Resp: 7158
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.0





#43

Isopropyl Acetate

Concen: 4.692 ug/l

RT: 6.349 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

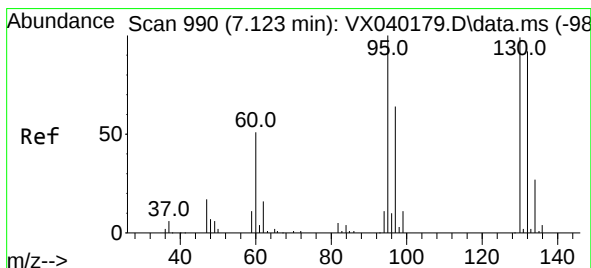
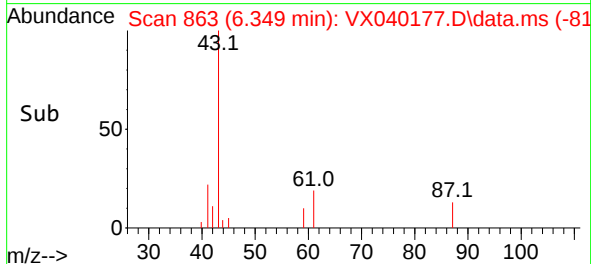
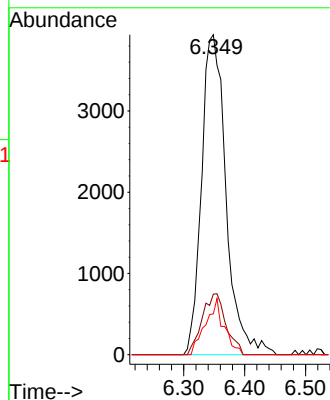
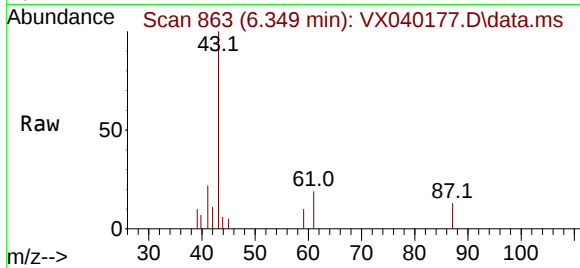
Tgt Ion: 43	Resp: 1102
Ion Ratio	Lower Upper
43	100
61	18.5 15.2 22.8
87	13.2 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#44

Trichloroethene

Concen: 5.106 ug/l

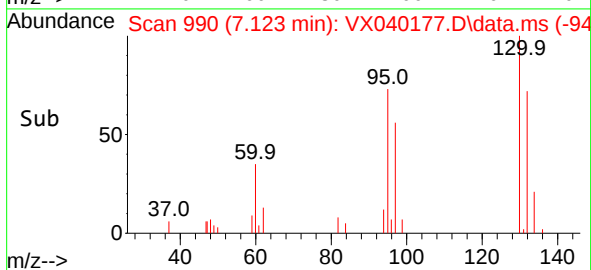
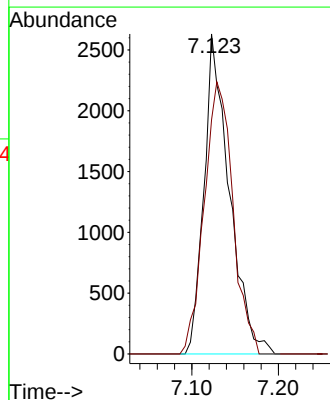
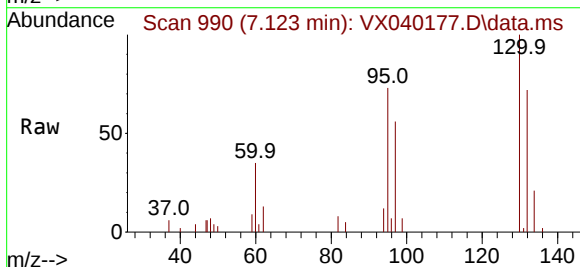
RT: 7.123 min Scan# 990

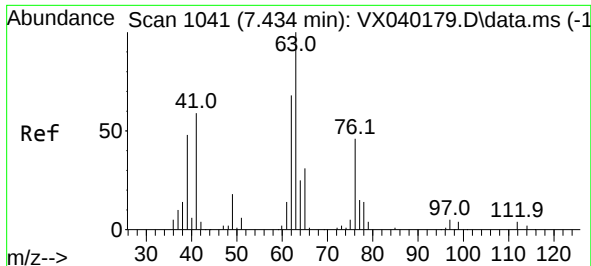
Delta R.T. -0.006 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

Tgt Ion:130	Resp: 5326
Ion Ratio	Lower Upper
130	100
95	73.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 4.631 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 4558

Ion Ratio Lower Upper

63 100

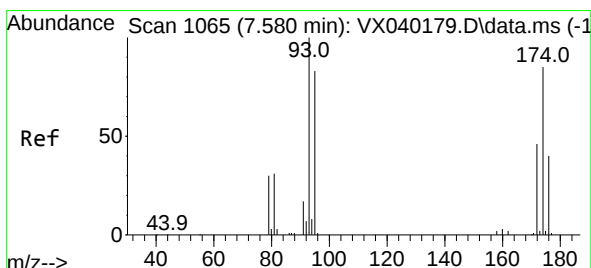
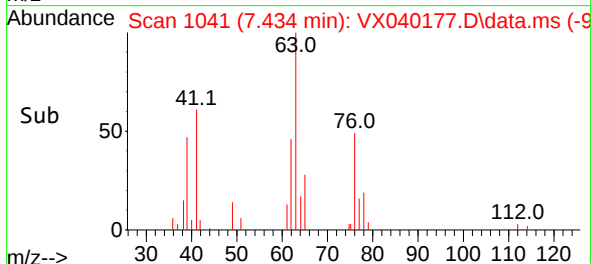
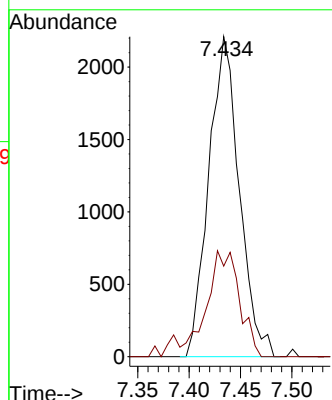
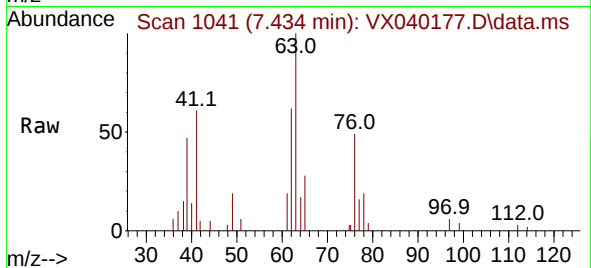
65 28.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#46

Dibromomethane

Concen: 4.729 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

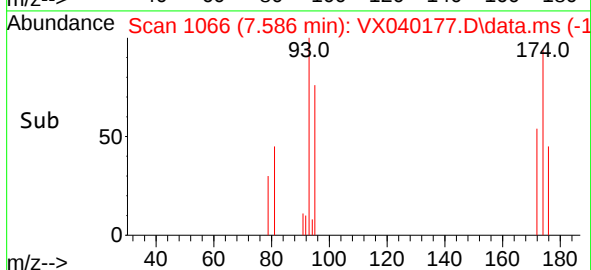
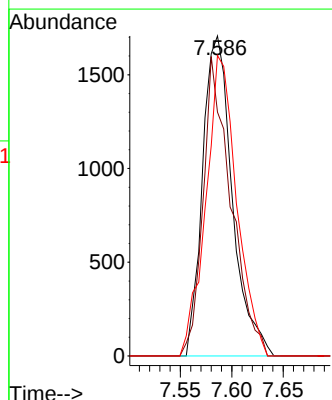
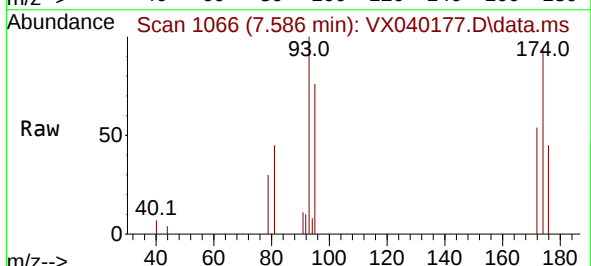
Tgt Ion: 93 Resp: 3428

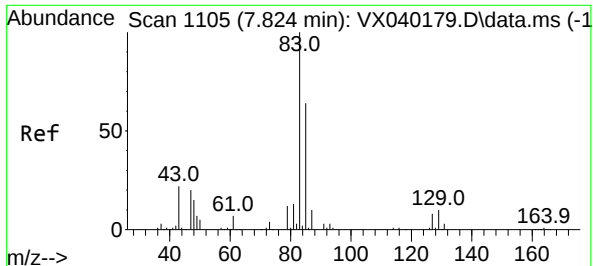
Ion Ratio Lower Upper

93 100

95 87.9 66.6 100.0

174 97.9 69.4 104.0





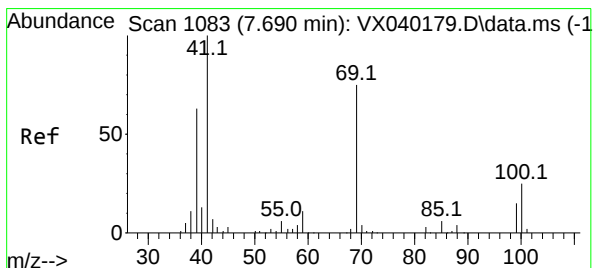
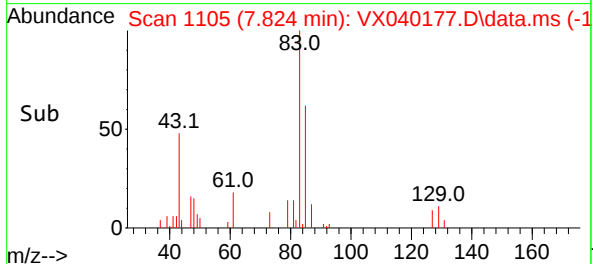
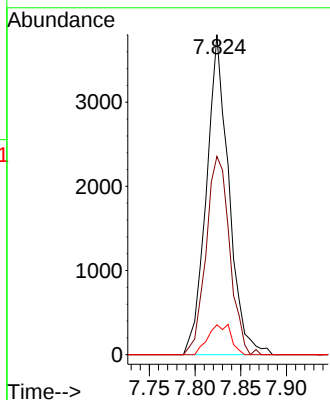
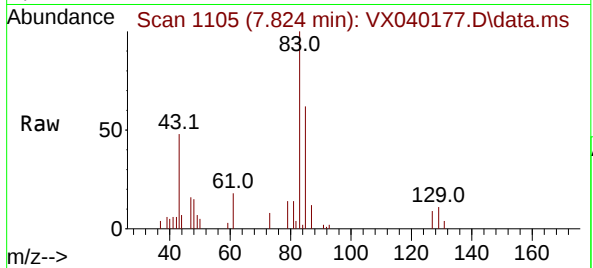
#47
Bromodichloromethane
Concen: 4.648 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 6492
Ion Ratio Lower Upper
83 100
85 62.0 49.8 74.6
127 9.4 7.1 10.7

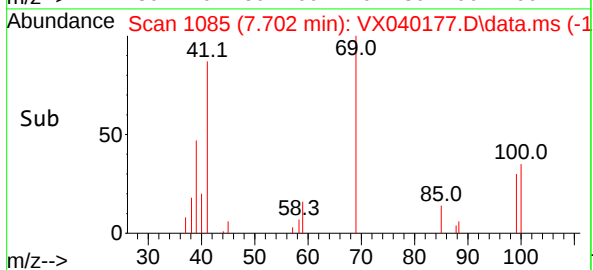
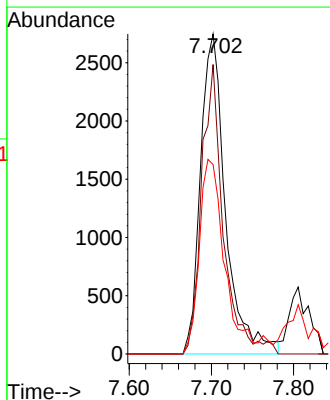
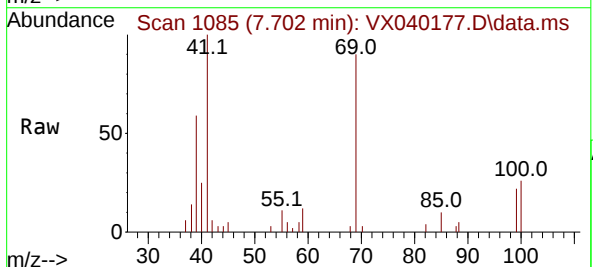
Manual Integrations
APPROVED

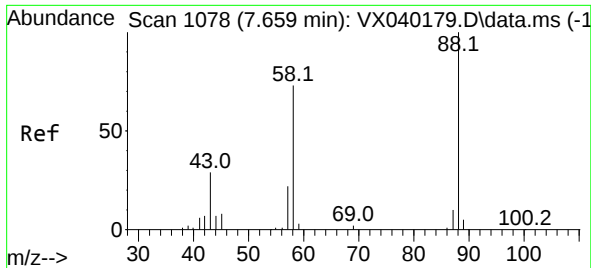
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#48
Methyl methacrylate
Concen: 4.858 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Tgt Ion: 41 Resp: 5839
Ion Ratio Lower Upper
41 100
69 78.3 59.2 88.8
39 61.0 47.7 71.5





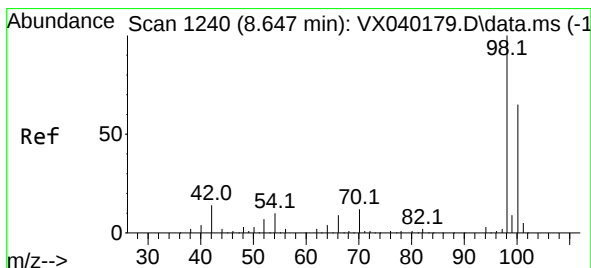
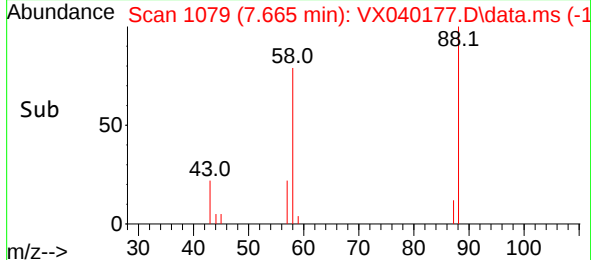
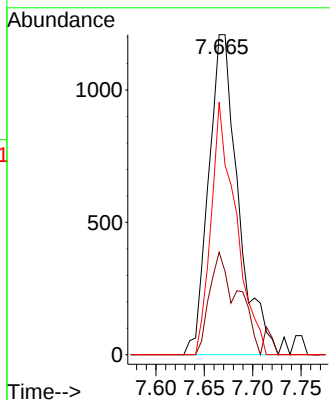
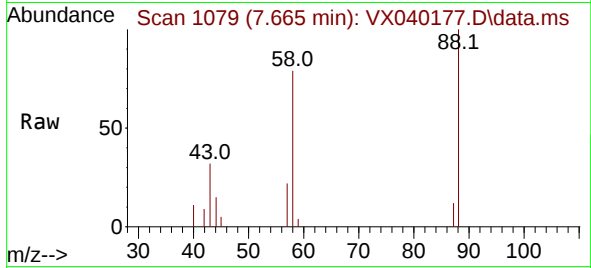
#49
1,4-Dioxane
Concen: 98.520 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 2570
Ion Ratio Lower Upper
88 100
43 30.8 0.0 0.0
58 65.8 60.1 90.1

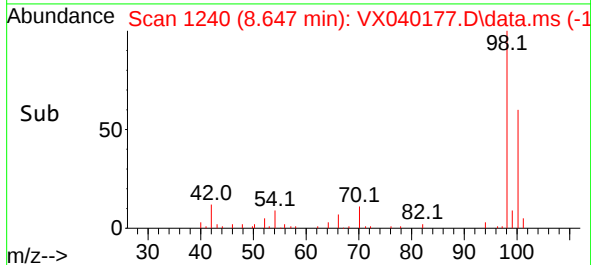
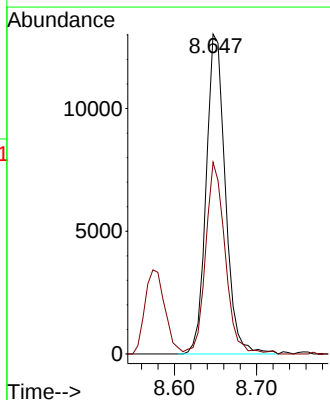
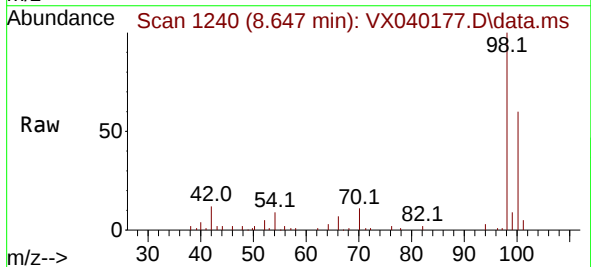
Manual Integrations
APPROVED

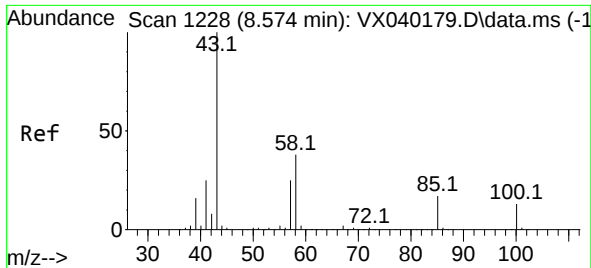
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#50
Toluene-d8
Concen: 5.840 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Tgt Ion: 98 Resp: 21088
Ion Ratio Lower Upper
98 100
100 61.3 53.1 79.7





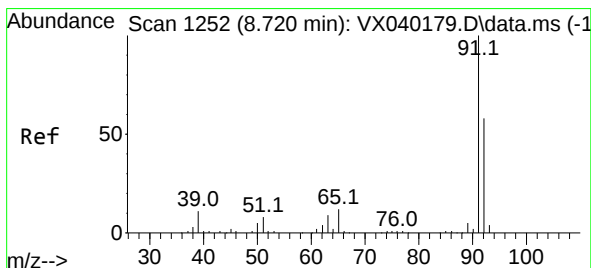
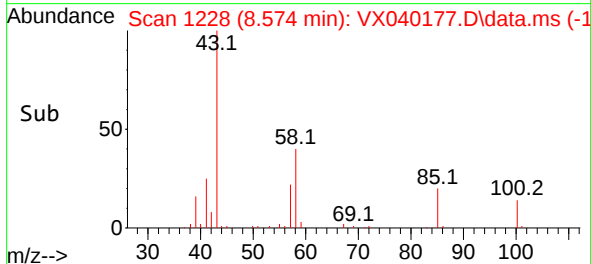
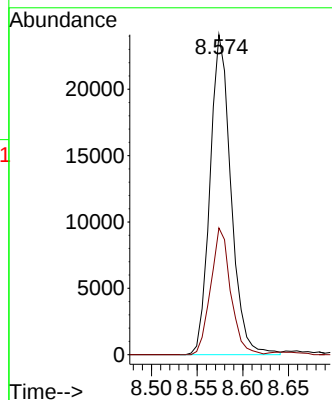
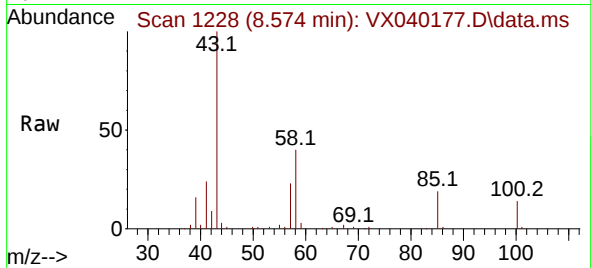
#51
4-Methyl-2-Pentanone
Concen: 23.940 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 3839
Ion Ratio Lower Upper
43 100
58 37.8 30.4 45.6

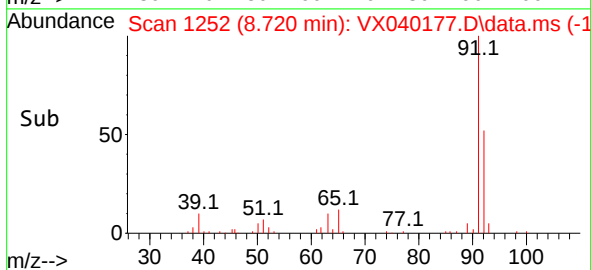
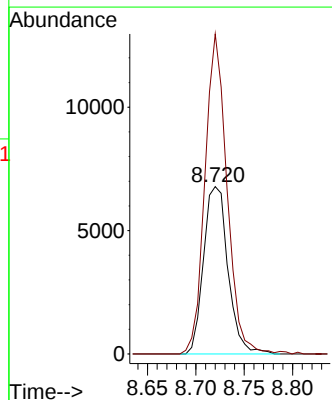
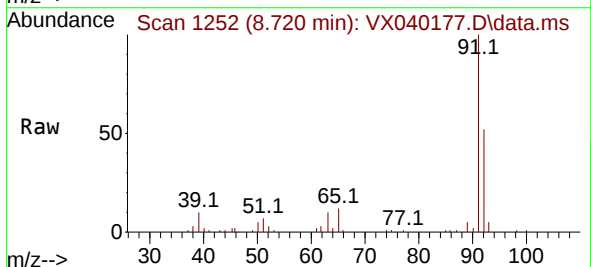
Manual Integrations
APPROVED

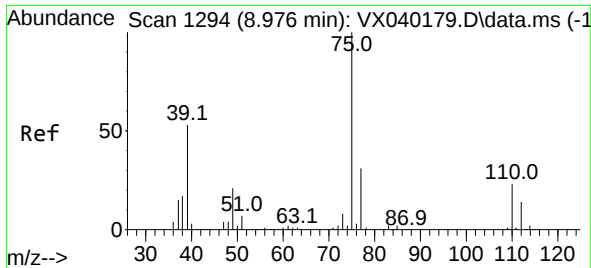
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#52
Toluene
Concen: 4.819 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Tgt Ion: 92 Resp: 11937
Ion Ratio Lower Upper
92 100
91 173.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 5.454 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 75 Resp: 6129

Ion Ratio Lower Upper

75 100

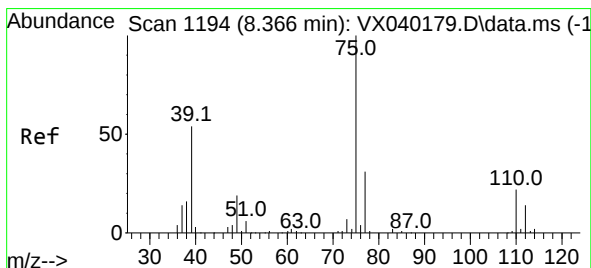
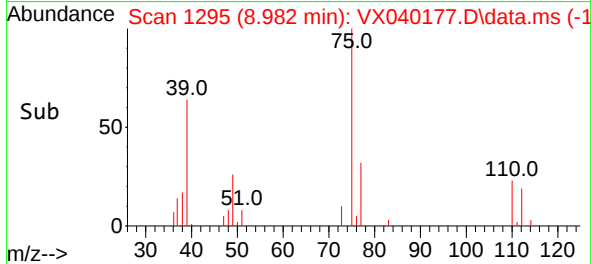
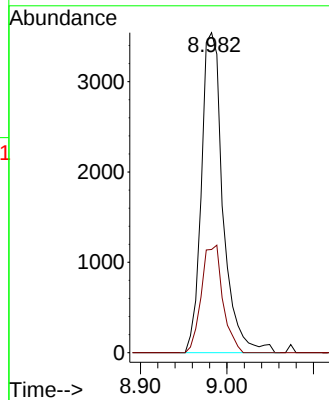
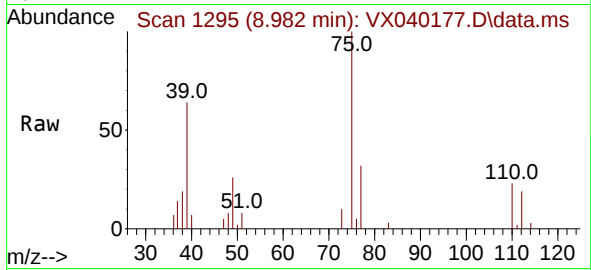
77 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#54

cis-1,3-Dichloropropene

Concen: 4.589 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

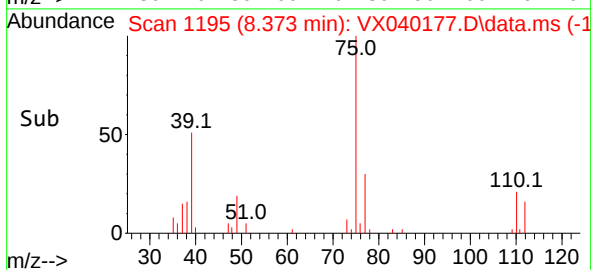
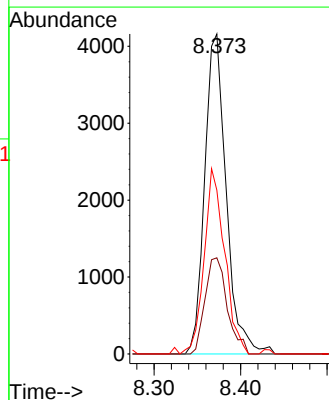
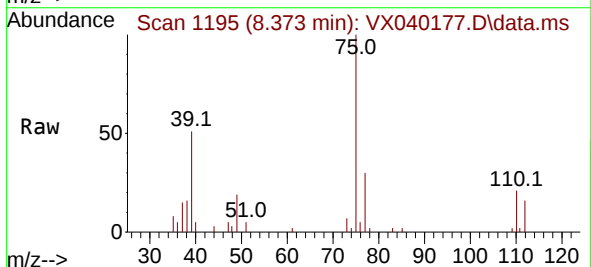
Tgt Ion: 75 Resp: 7183

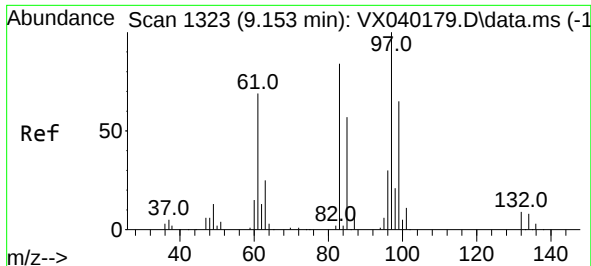
Ion Ratio Lower Upper

75 100

77 30.1 25.3 37.9

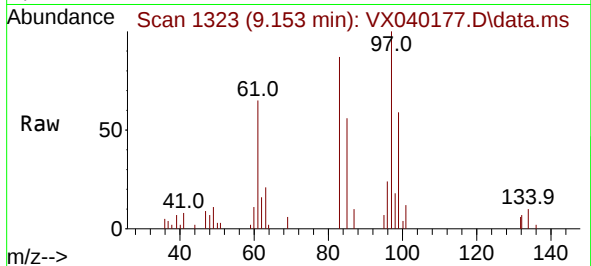
39 51.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 4.892 ug/l
RT: 9.153 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

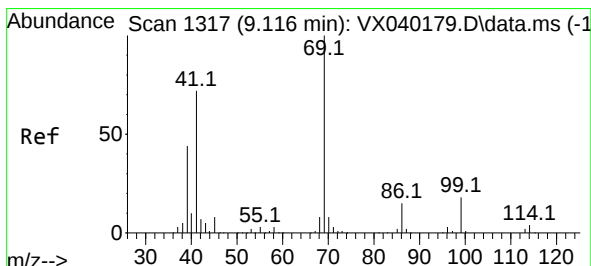
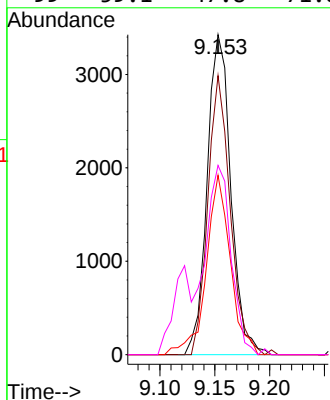
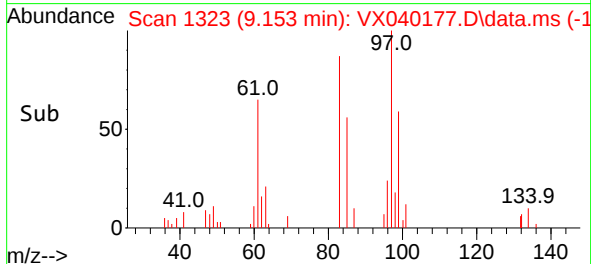
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



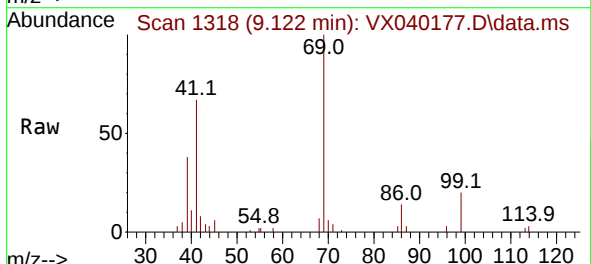
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.2	65.8	98.8
85	56.1	41.6	62.4
99	59.1	47.8	71.8

Manual Integrations
APPROVED

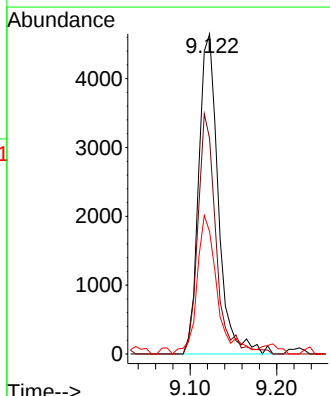
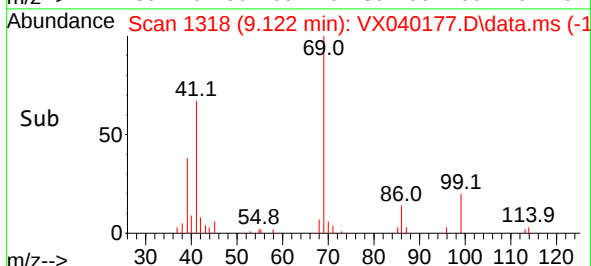
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

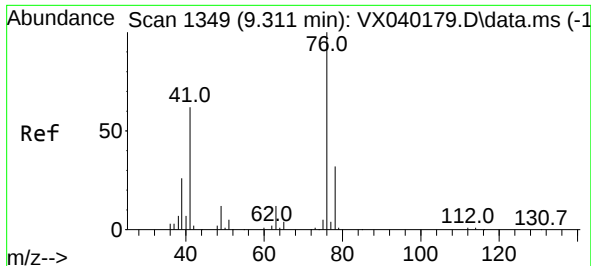


#56
Ethyl methacrylate
Concen: 4.607 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33



Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.8	85.2
39	44.1	32.0	48.0





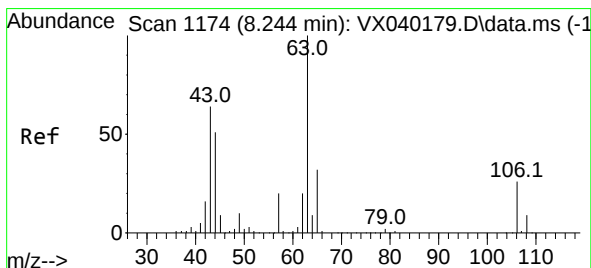
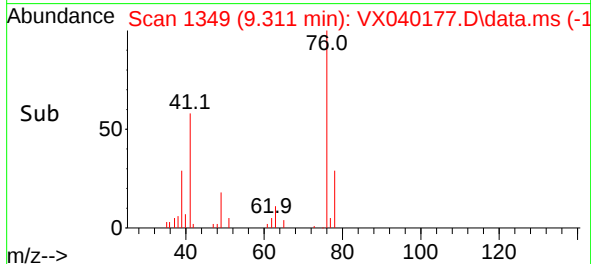
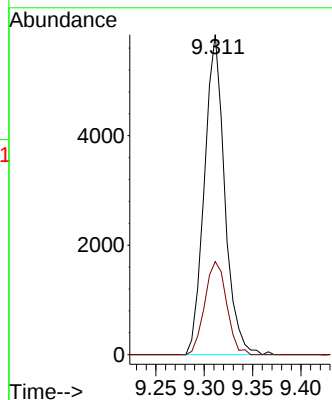
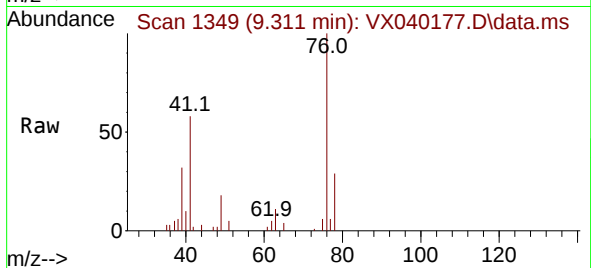
#57
1,3-Dichloropropane
Concen: 4.960 ug/l
RT: 9.311 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 855
Ion Ratio Lower Upper
76 100
78 31.3 26.1 39.1

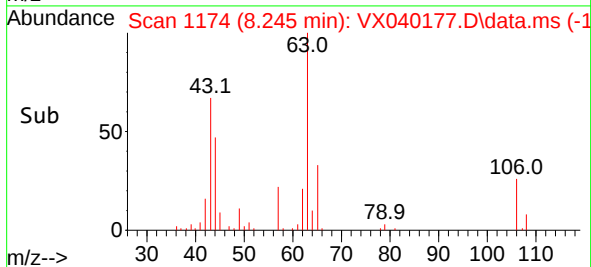
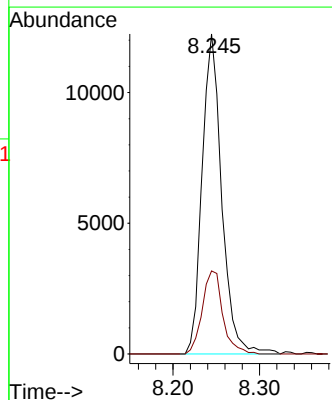
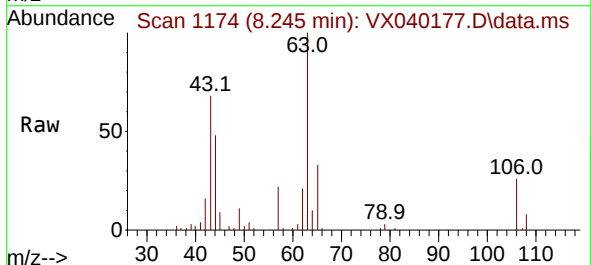
Manual Integrations
APPROVED

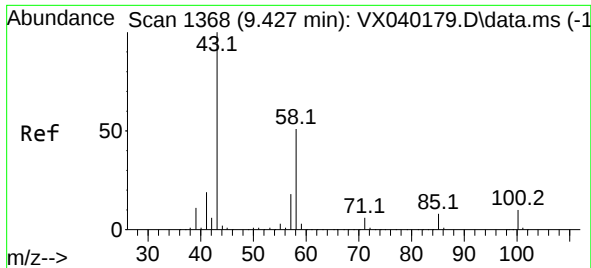
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#58
2-Chloroethyl Vinyl ether
Concen: 25.781 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Tgt Ion: 63 Resp: 19289
Ion Ratio Lower Upper
63 100
106 27.1 22.5 33.7





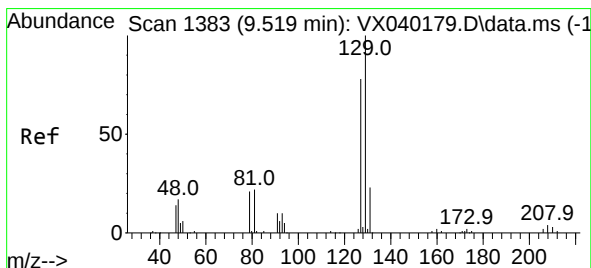
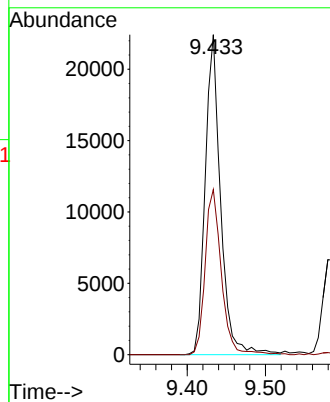
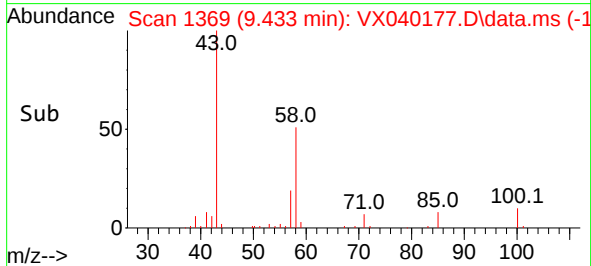
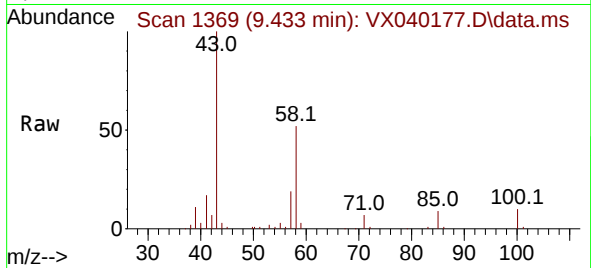
#59
2-Hexanone
Concen: 23.967 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 30474
Ion Ratio Lower Upper
43 100
58 54.5 26.2 78.5

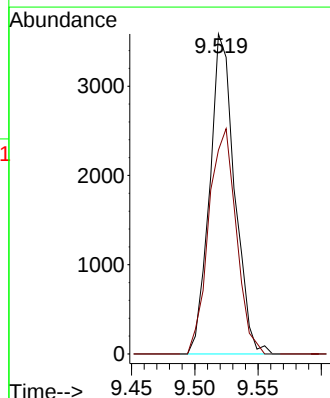
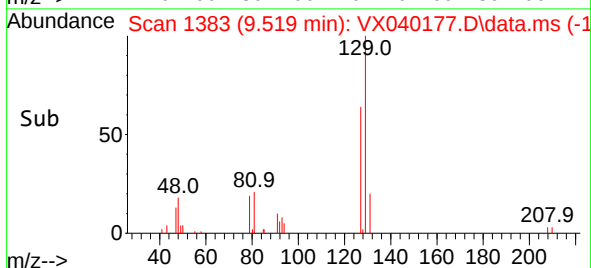
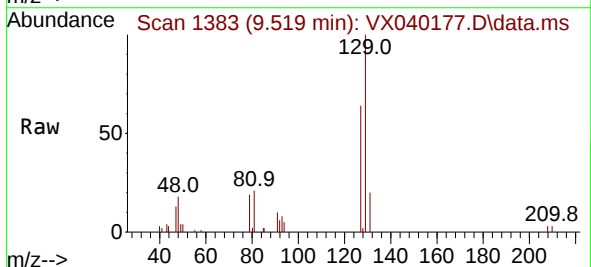
Manual Integrations
APPROVED

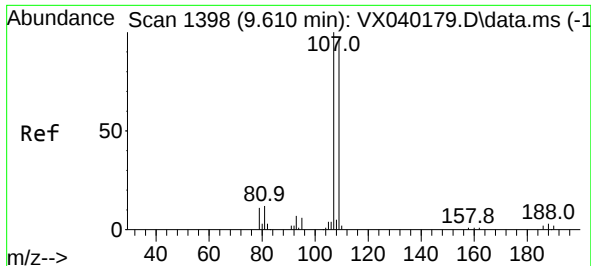
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#60
Dibromochloromethane
Concen: 4.576 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

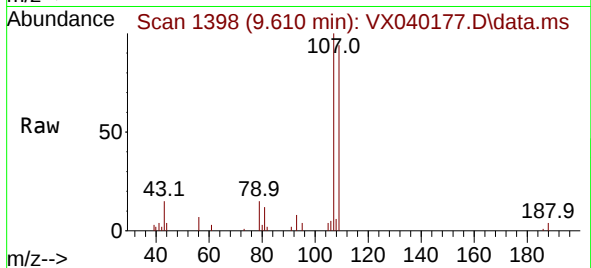
Tgt Ion:129 Resp: 4925
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 4.900 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

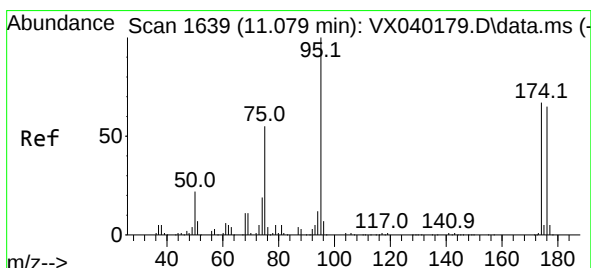
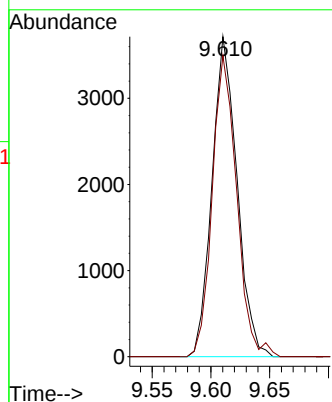
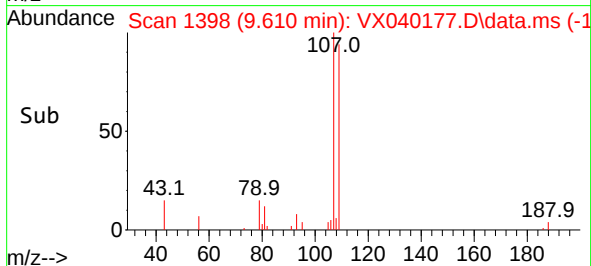
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



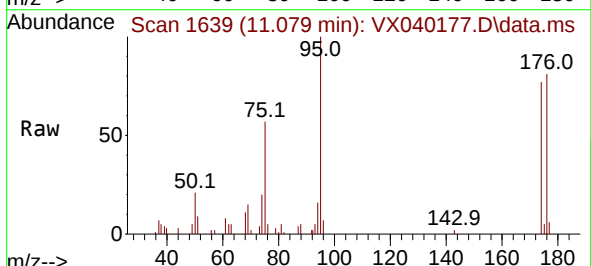
Tgt Ion:107 Resp: 550
Ion Ratio Lower Upper
107 100
109 91.8 75.2 112.8

Manual Integrations
APPROVED

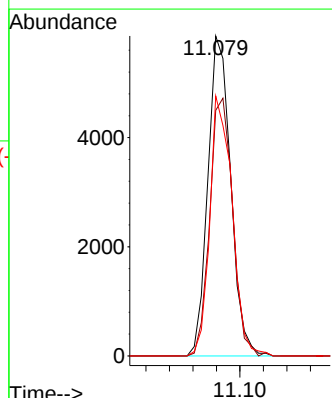
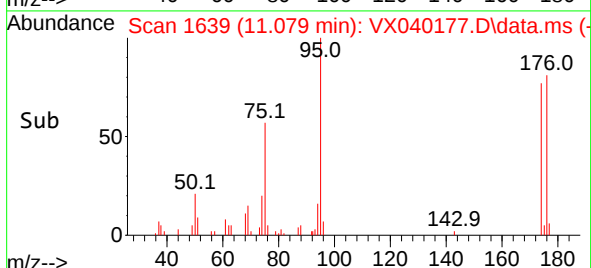
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

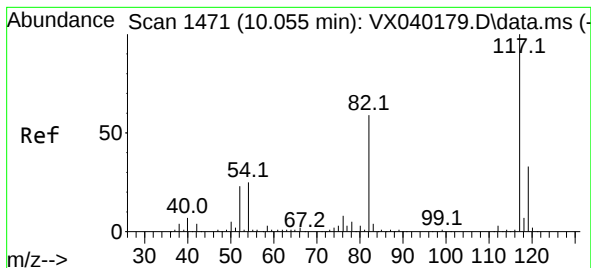


#62
4-Bromofluorobenzene
Concen: 5.364 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33



Tgt Ion: 95 Resp: 7900
Ion Ratio Lower Upper
95 100
174 81.2 0.0 135.6
176 79.3 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: VX040177.D

Acq: 09 Feb 2024 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:117 Resp: 12791

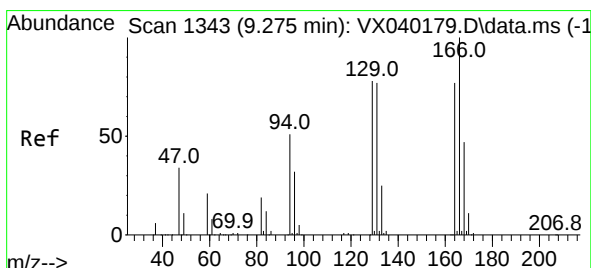
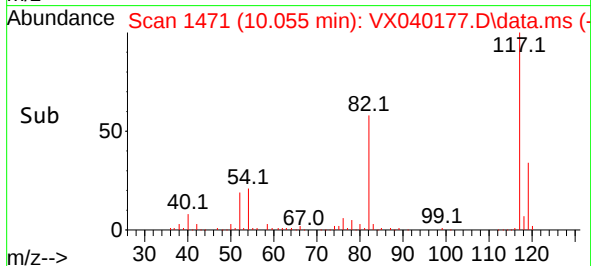
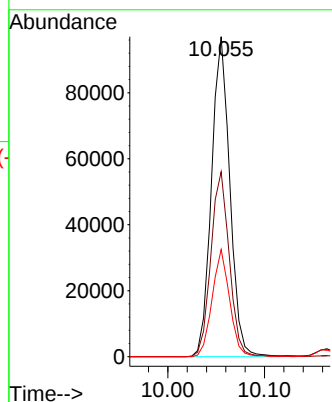
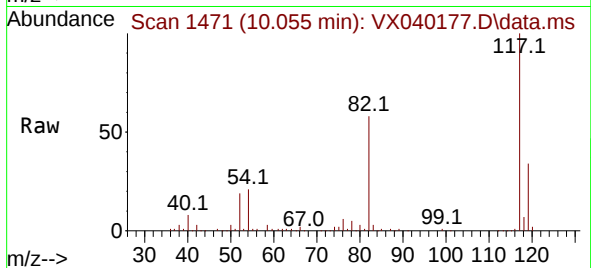
Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.2	69.4
119	33.5	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#64

Tetrachloroethene

Concen: 5.069 ug/l

RT: 9.275 min Scan# 1343

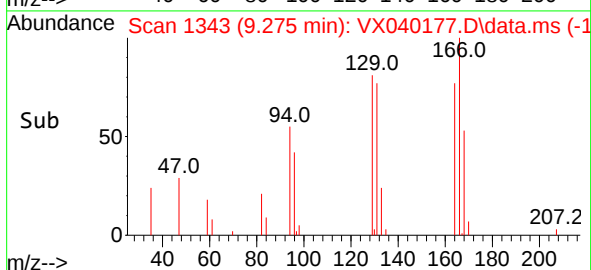
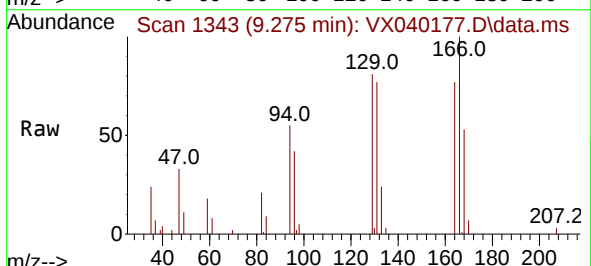
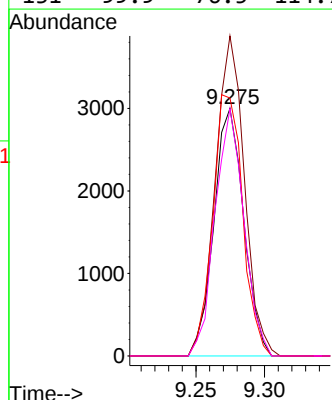
Delta R.T. 0.000 min

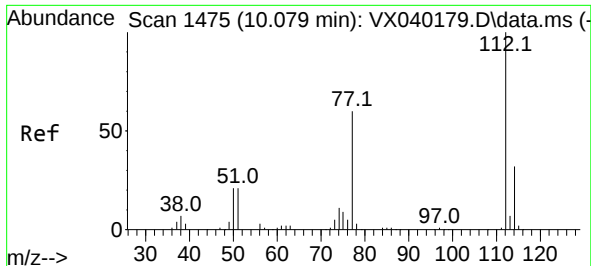
Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

Tgt Ion:164 Resp: 4544

Ion	Ratio	Lower	Upper
164	100		
166	129.3	102.7	154.1
129	104.2	80.4	120.6
131	99.9	76.5	114.7





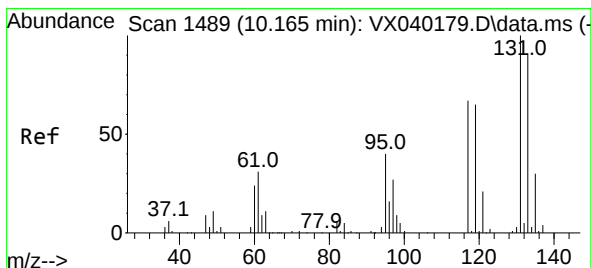
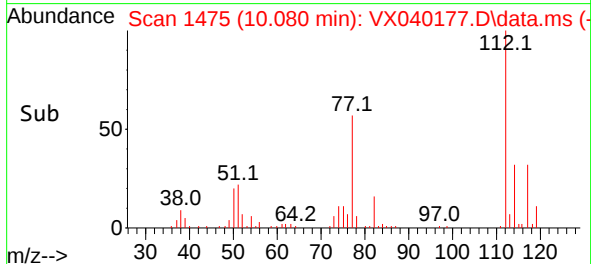
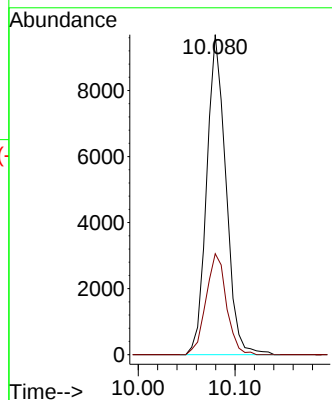
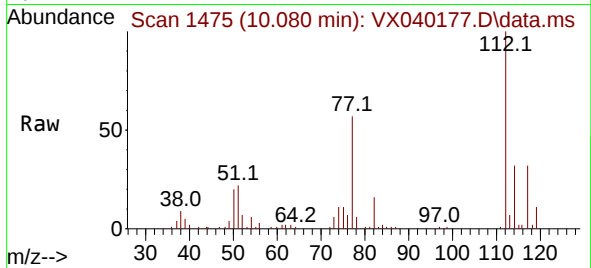
#65
Chlorobenzene
Concen: 5.016 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 1339
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

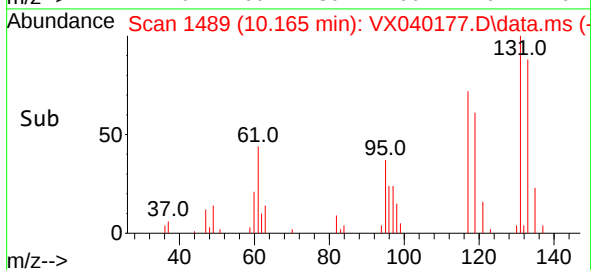
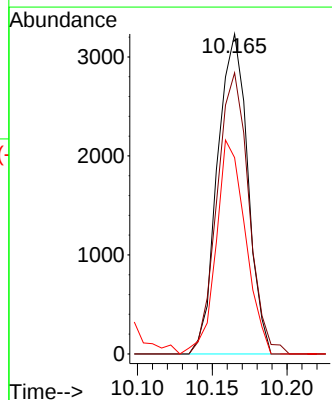
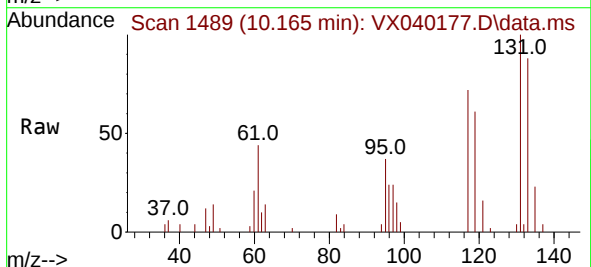
Manual Integrations
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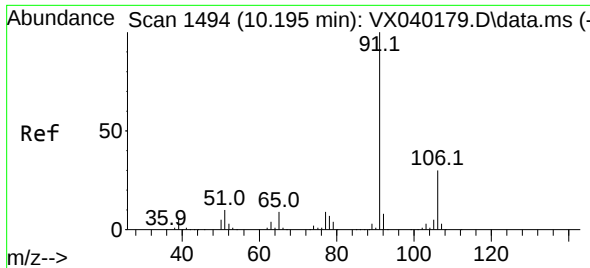
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.923 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Tgt Ion:131 Resp: 4552
Ion Ratio Lower Upper
131 100
133 91.7 47.1 141.4
119 64.6 32.2 96.6





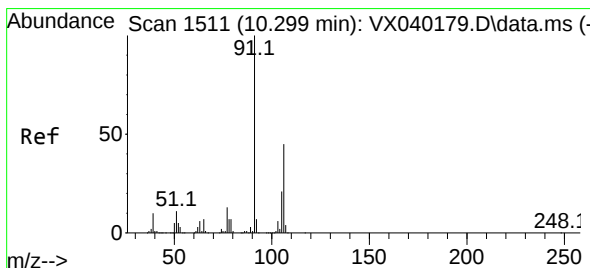
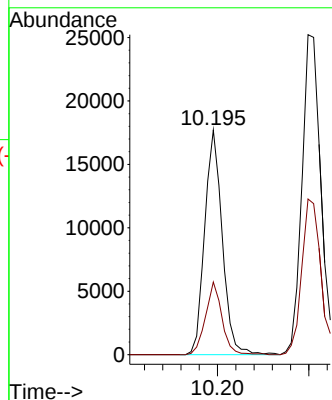
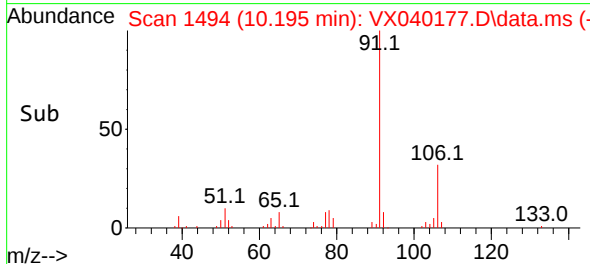
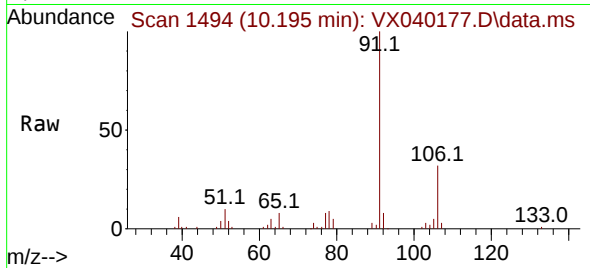
#67
Ethyl Benzene
Concen: 4.975 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 2365
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3

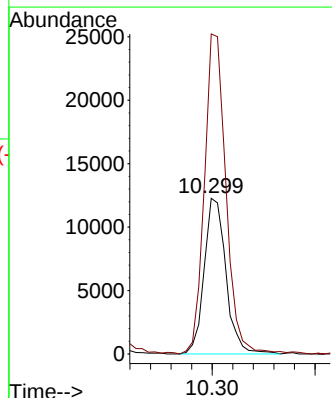
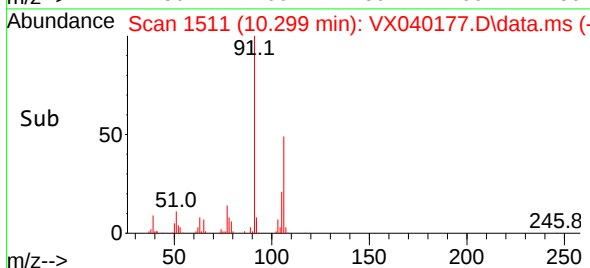
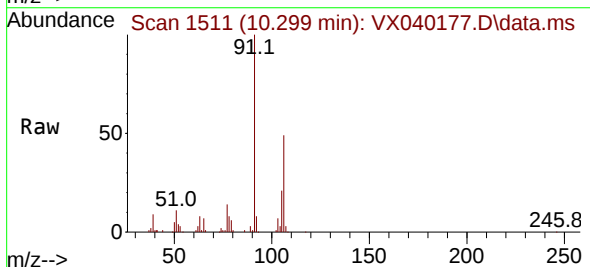
Manual Integrations
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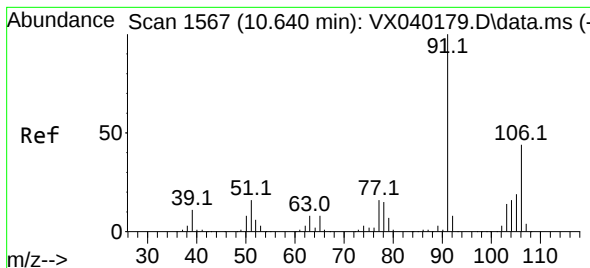
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#68
m/p-Xylenes
Concen: 10.069 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Tgt Ion:106 Resp: 18080
Ion Ratio Lower Upper
106 100
91 204.1 165.5 248.3





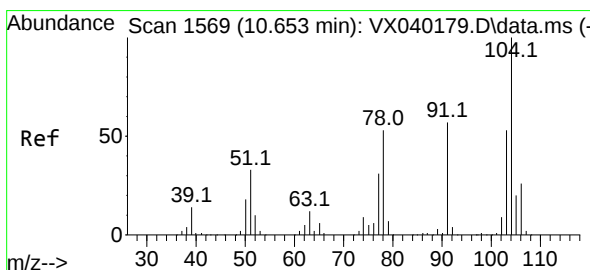
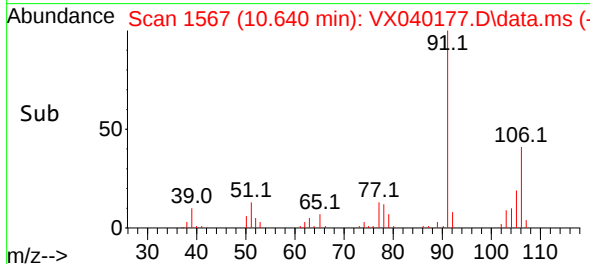
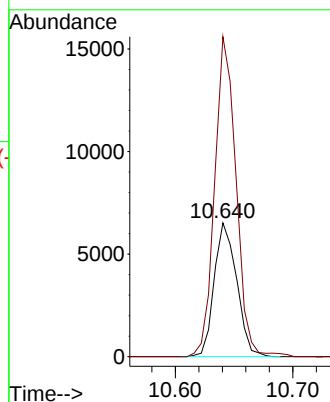
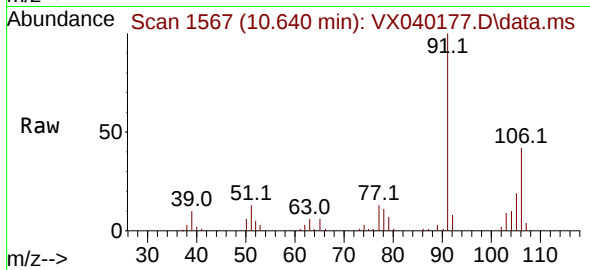
#69
o-Xylene
Concen: 4.960 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 865
Ion Ratio Lower Upper
106 100
91 228.5 108.9 326.8

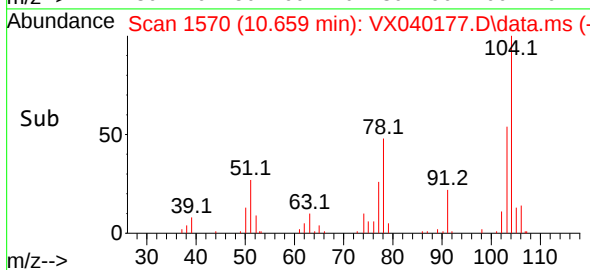
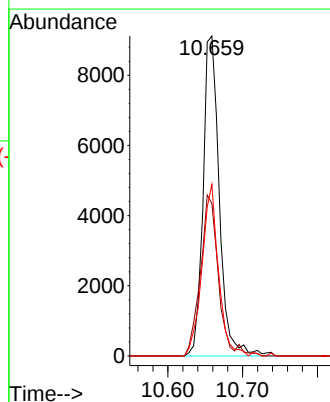
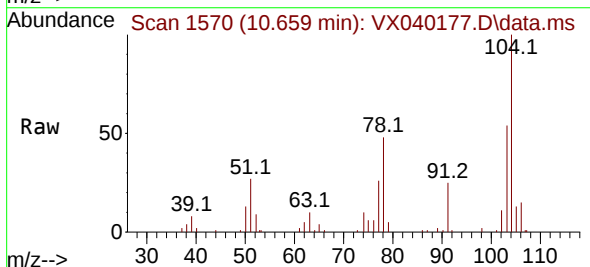
Manual Integrations
APPROVED

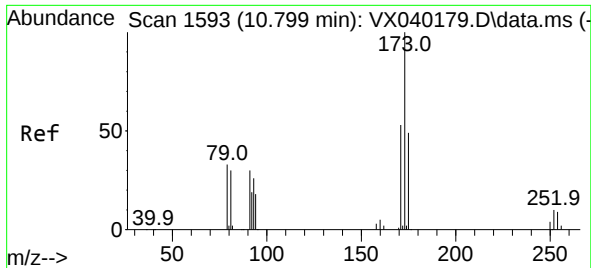
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#70
Styrene
Concen: 4.756 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

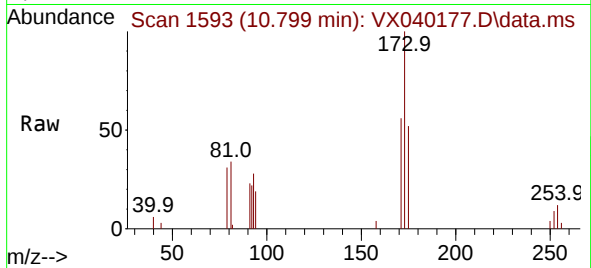
Tgt Ion:104 Resp: 13799
Ion Ratio Lower Upper
104 100
78 55.7 43.6 65.4
103 54.4 43.6 65.4





#71
Bromoform
Concen: 5.522 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

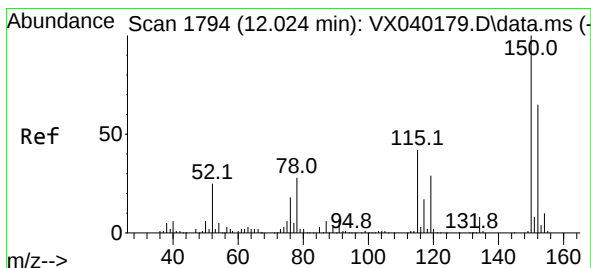
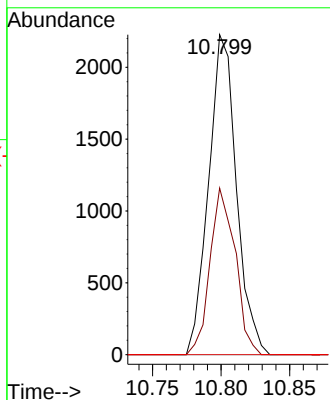
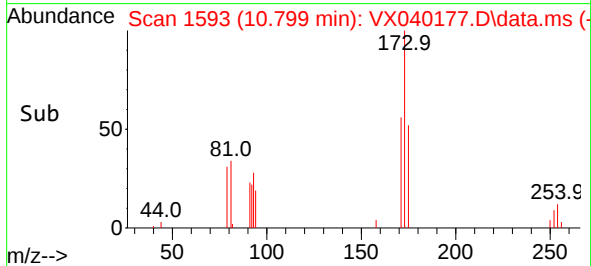
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:173 Resp: 314
Ion Ratio Lower Upper
173 100
175 47.1 24.1 72.4
254 0.0 0.0 0.0

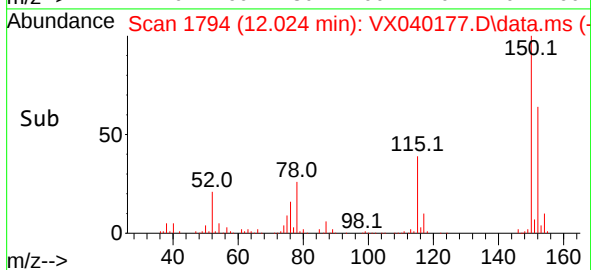
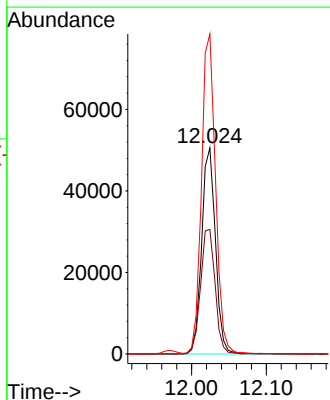
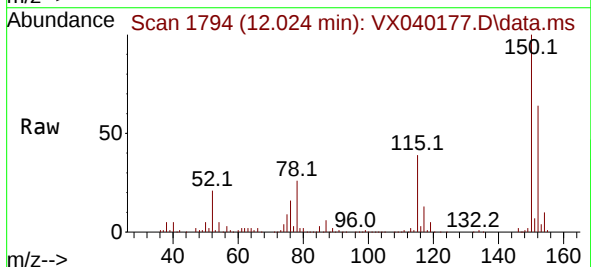
Manual Integrations
APPROVED

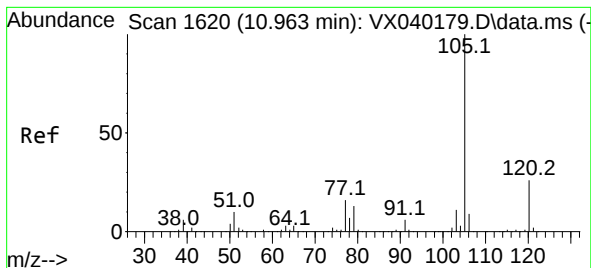
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Tgt Ion:152 Resp: 64815
Ion Ratio Lower Upper
152 100
115 63.8 43.3 129.9
150 157.5 0.0 345.0





#73

Isopropylbenzene

Concen: 5.046 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 2303

Ion Ratio Lower Upper

105 100

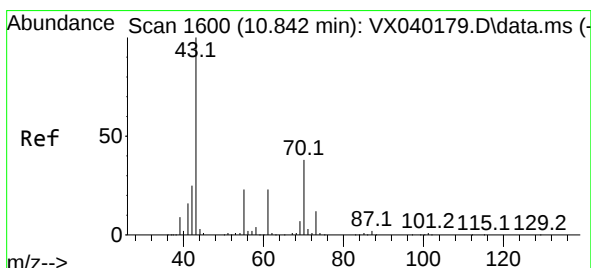
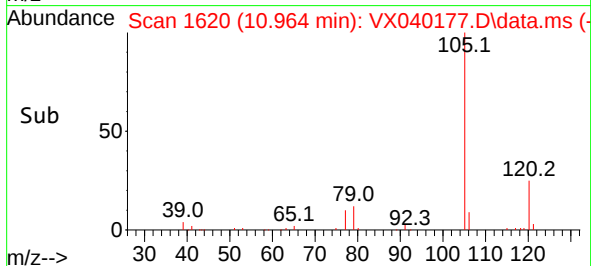
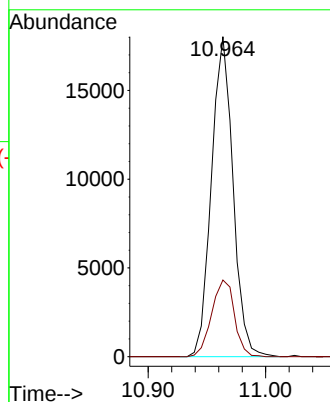
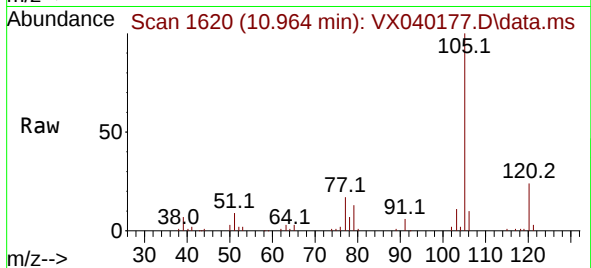
120 25.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#74

N-ethyl acetate

Concen: 4.447 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

Tgt Ion: 43 Resp: 8701

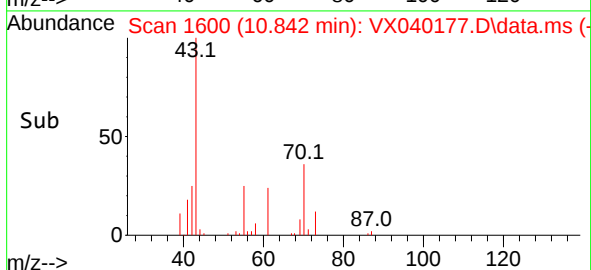
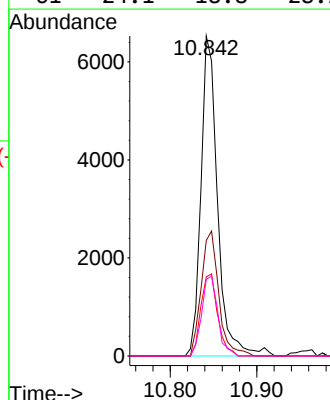
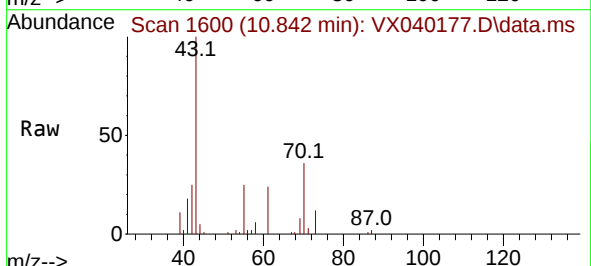
Ion Ratio Lower Upper

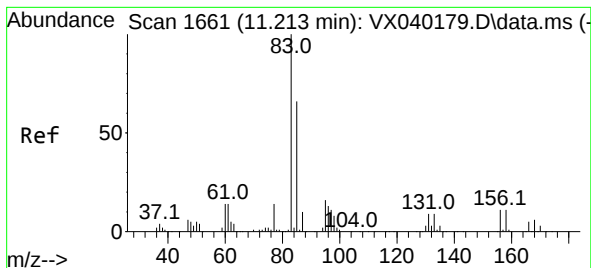
43 100

70 41.3 32.9 49.3

55 25.8 19.3 28.9

61 24.1 18.8 28.2





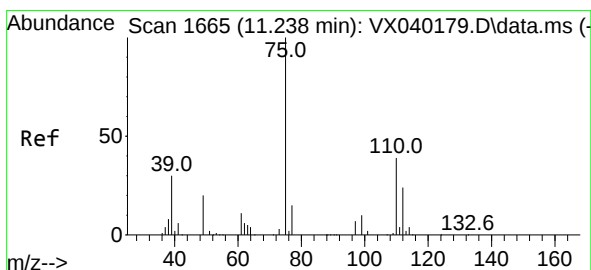
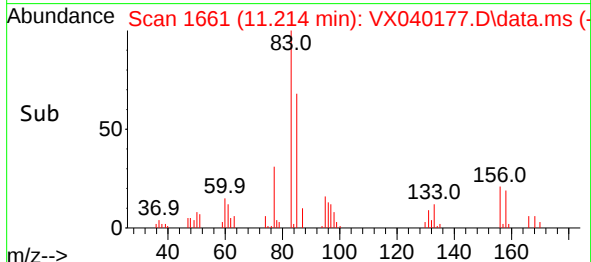
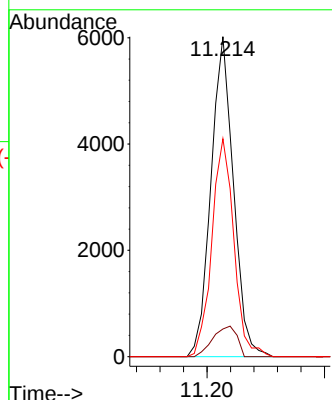
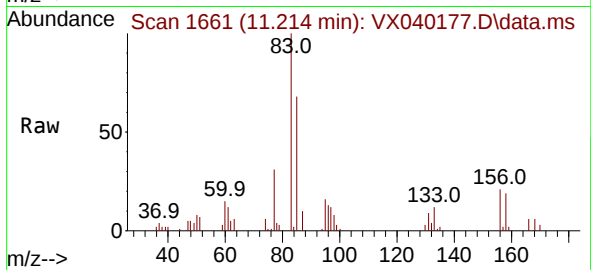
#75
1,1,2,2-Tetrachloroethane
Concen: 4.879 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 800
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.8
85 66.6 32.0 96.2

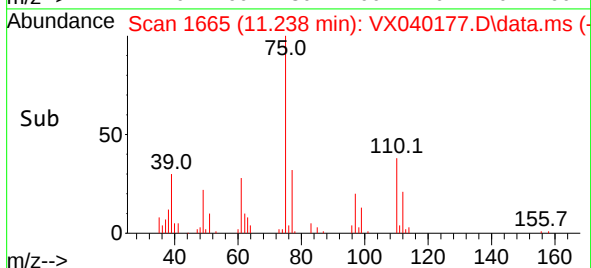
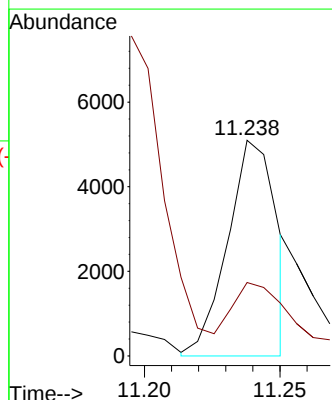
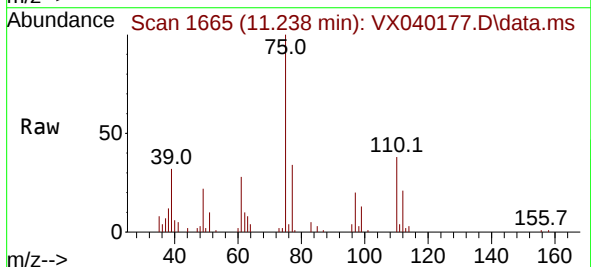
Manual Integrations
APPROVED

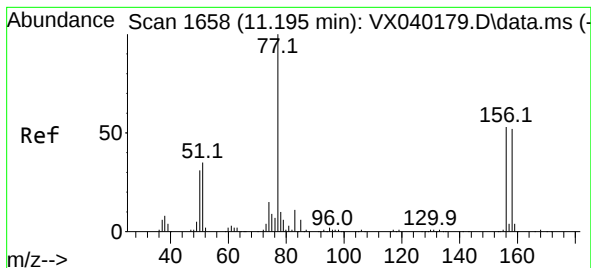
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#76
1,2,3-Trichloropropane
Concen: 4.851 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Tgt Ion: 75 Resp: 6367
Ion Ratio Lower Upper
75 100
77 43.6 19.1 57.5





#77

Bromobenzene

Concen: 4.982 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

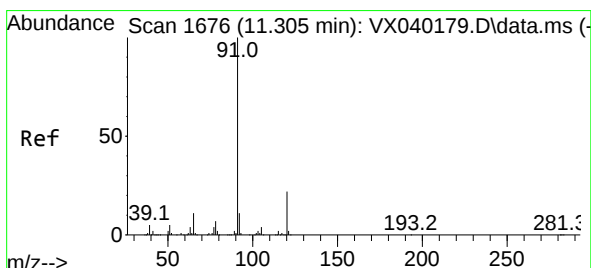
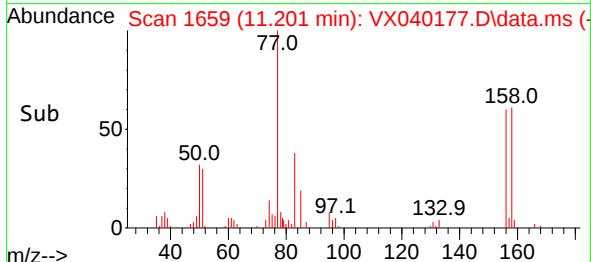
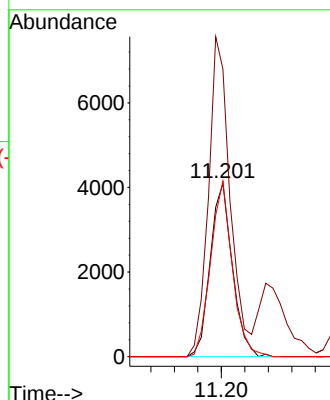
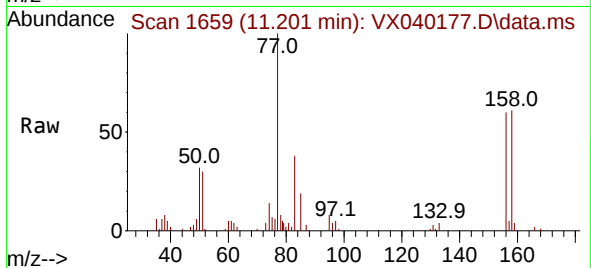
Tgt Ion:	156	Resp:	5372
Ion Ratio	Lower	Upper	
156	100		
77	180.3	88.4	265.3
158	99.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#78

n-propylbenzene

Concen: 4.947 ug/l

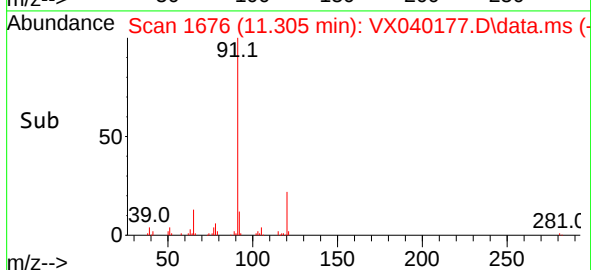
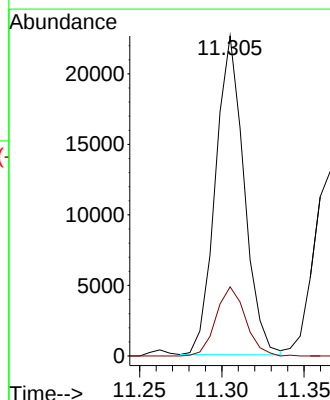
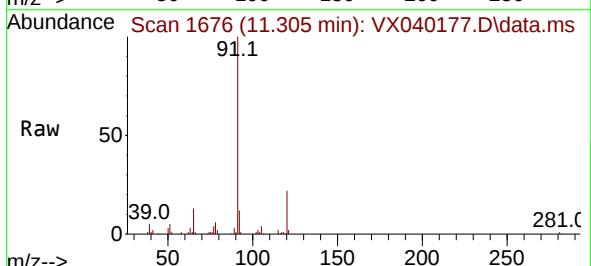
RT: 11.305 min Scan# 1676

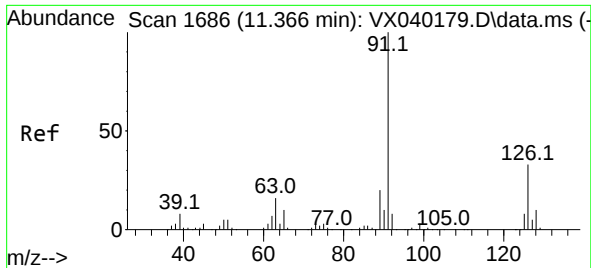
Delta R.T. 0.000 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

Tgt Ion:	91	Resp:	27340
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.5	34.4





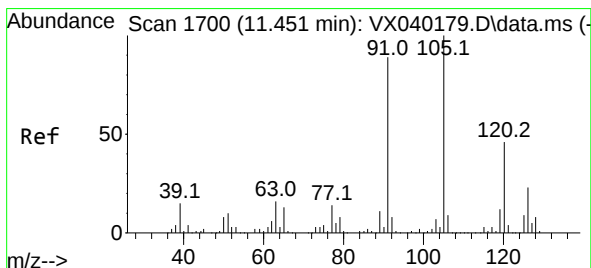
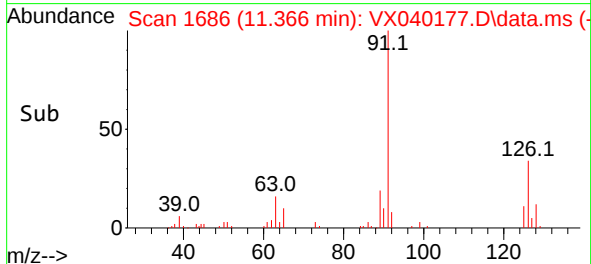
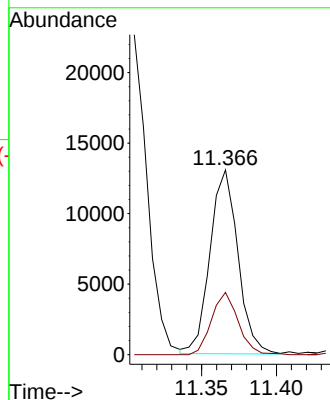
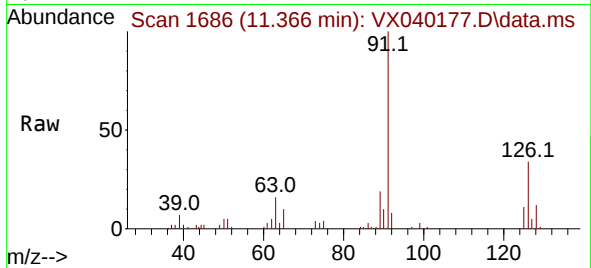
#79
2-Chlorotoluene
Concen: 5.082 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 1696
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8

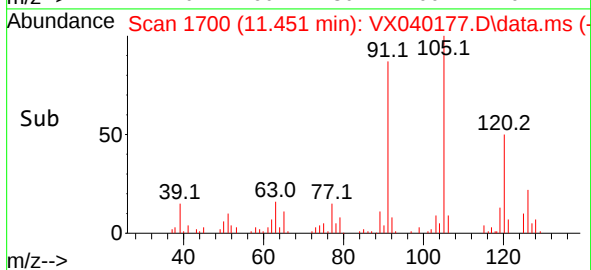
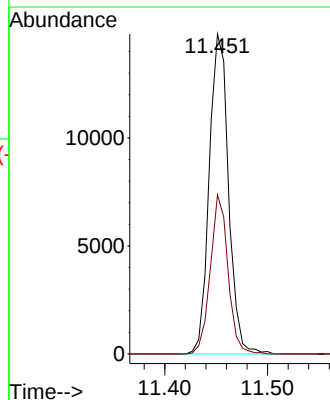
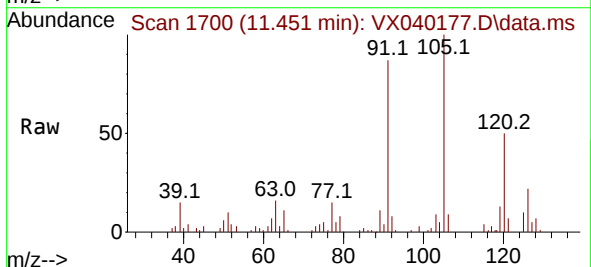
Manual Integrations
APPROVED

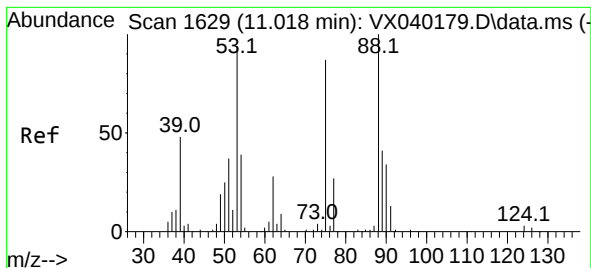
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#80
1,3,5-Trimethylbenzene
Concen: 5.030 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Tgt Ion:105 Resp: 19333
Ion Ratio Lower Upper
105 100
120 45.8 24.1 72.3





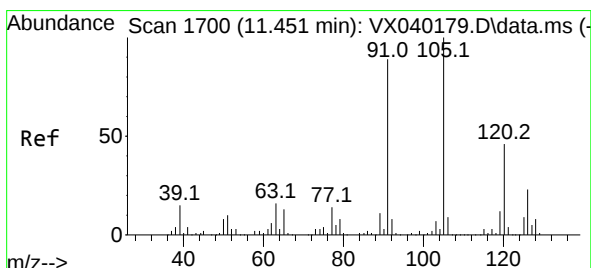
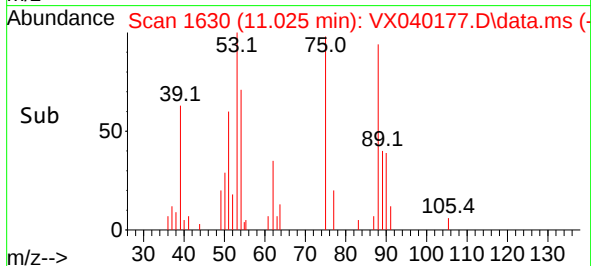
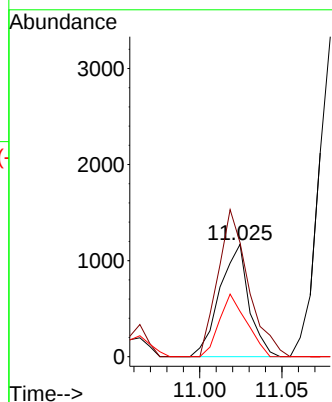
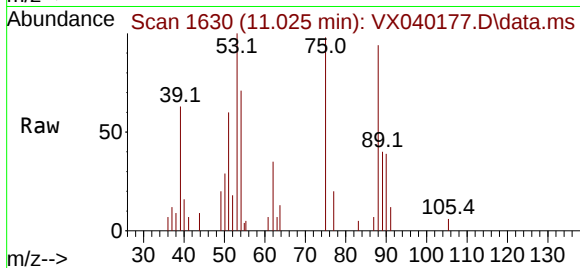
#81
trans-1,4-Dichloro-2-butene
Concen: 6.424 ug/l
RT: 11.025 min Scan# 1629
Delta R.T. 0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 1440
Ion Ratio Lower Upper
75 100
53 135.9 90.5 135.7
89 51.9 36.9 55.3

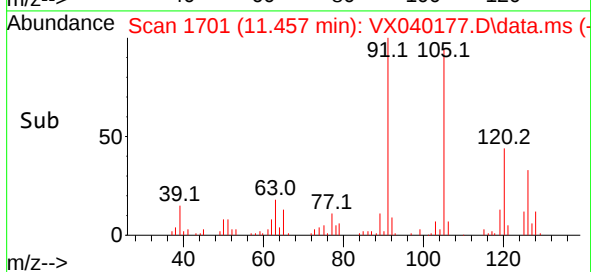
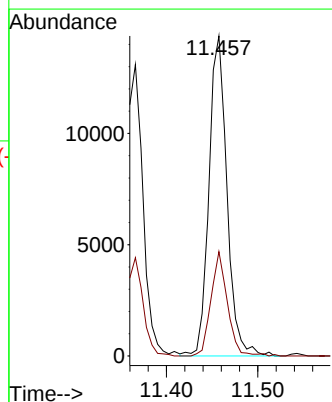
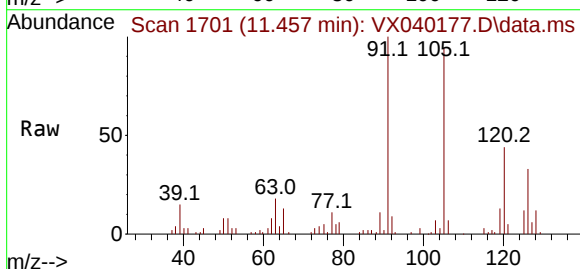
Manual Integrations
APPROVED

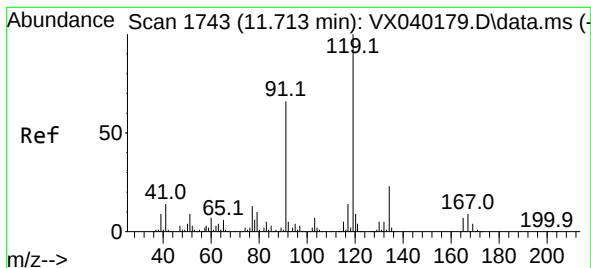
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#82
4-Chlorotoluene
Concen: 4.972 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

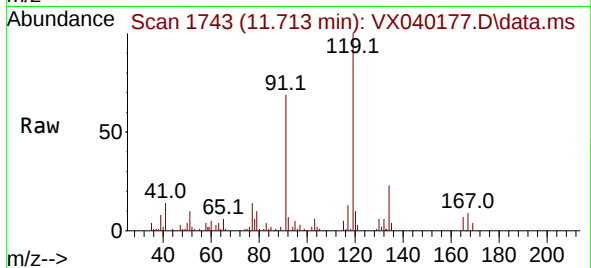
Tgt Ion: 91 Resp: 19659
Ion Ratio Lower Upper
91 100
126 29.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 4.952 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

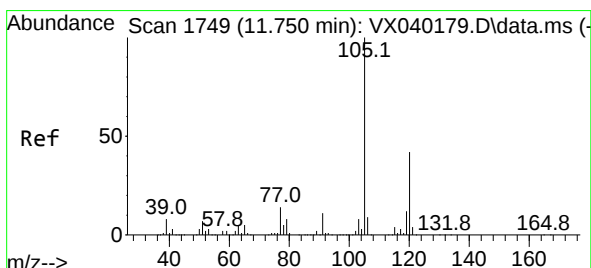
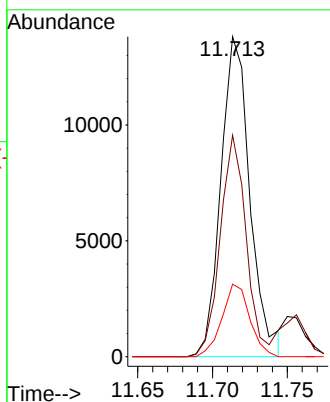
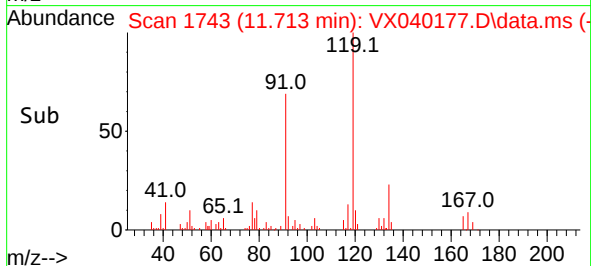
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



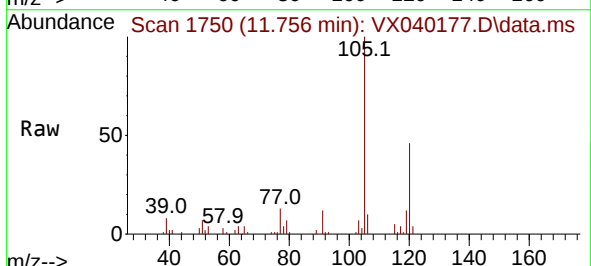
Tgt Ion:119 Resp: 18660
Ion Ratio Lower Upper
119 100
91 61.7 31.2 93.6
134 21.7 11.7 35.0

Manual Integrations
APPROVED

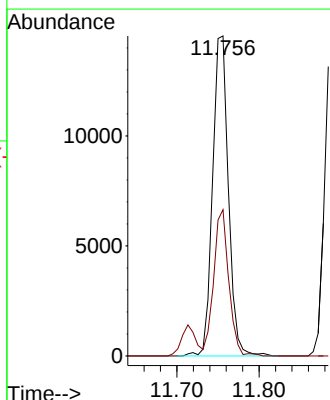
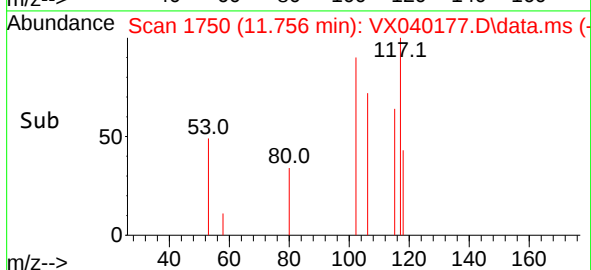
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

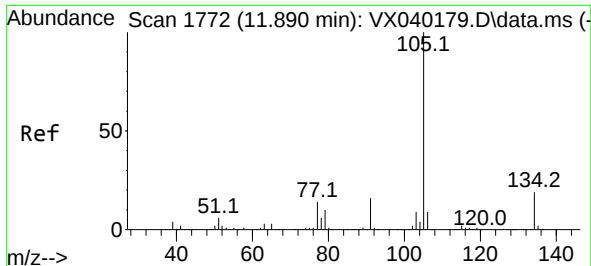


#84
1,2,4-Trimethylbenzene
Concen: 4.996 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33



Tgt Ion:105 Resp: 19427
Ion Ratio Lower Upper
105 100
120 43.6 21.2 63.6





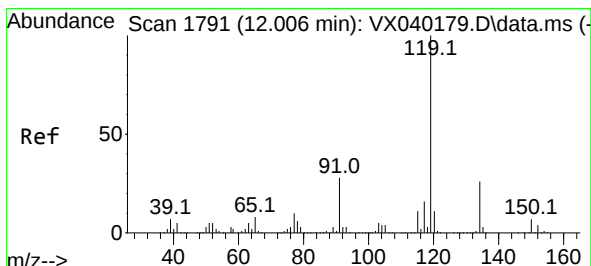
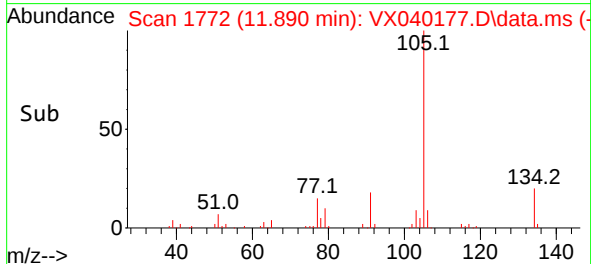
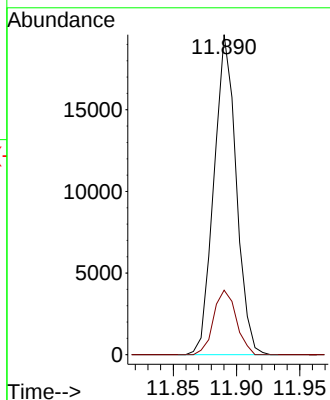
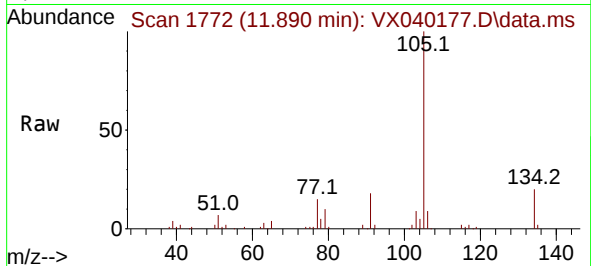
#85
 sec-Butylbenzene
 Concen: 4.954 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040177.D
 Acq: 09 Feb 2024 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion:105 Resp: 2398
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.8 29.4

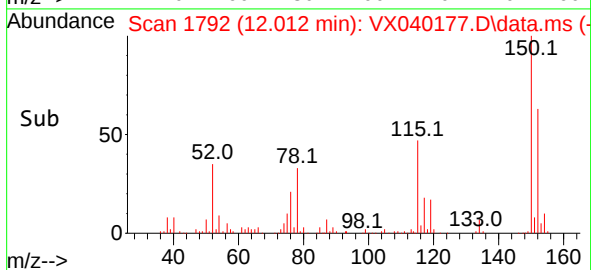
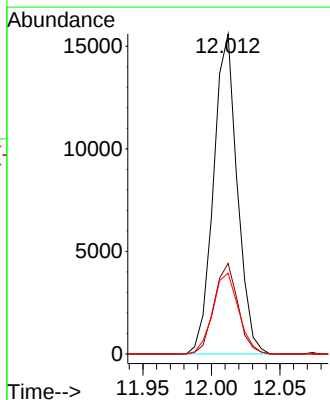
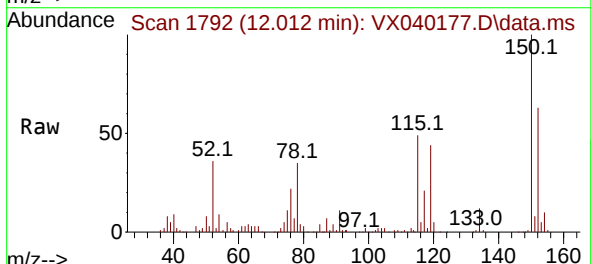
Manual Integrations
 APPROVED

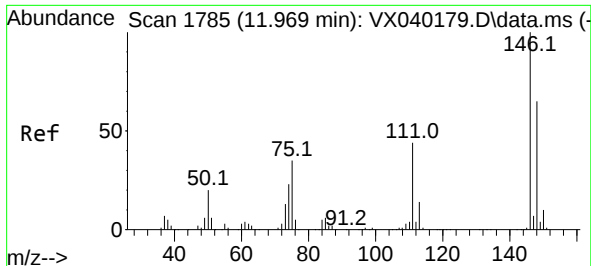
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#86
 p-Isopropyltoluene
 Concen: 4.743 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX040177.D
 Acq: 09 Feb 2024 16:33

Tgt Ion:119 Resp: 18827
 Ion Ratio Lower Upper
 119 100
 134 28.4 12.8 38.3
 91 27.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 5.053 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 10790

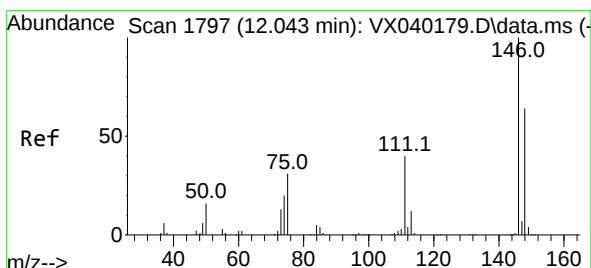
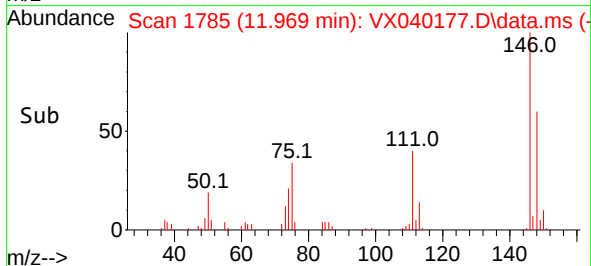
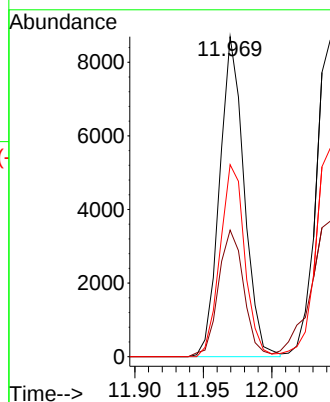
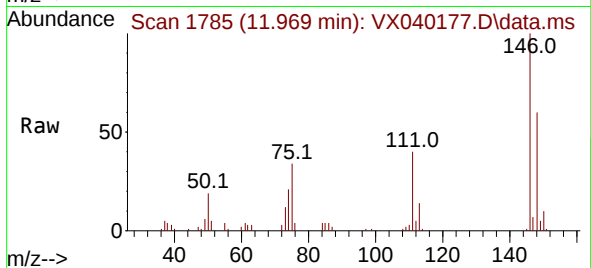
Ion	Ratio	Lower	Upper
146	100		
111	41.1	22.1	66.1
148	60.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#88

1,4-Dichlorobenzene

Concen: 5.077 ug/l

RT: 12.043 min Scan# 1797

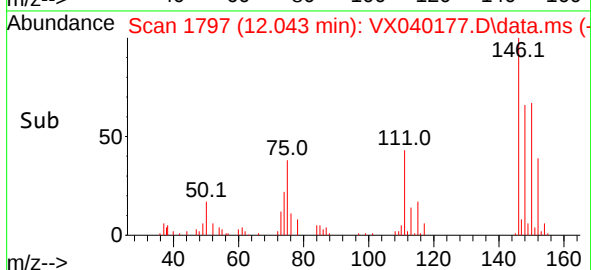
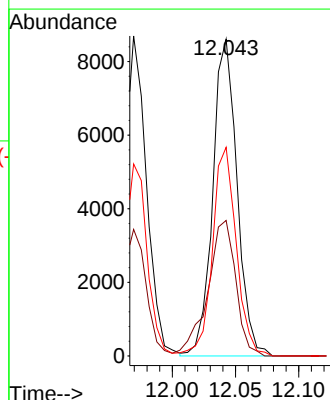
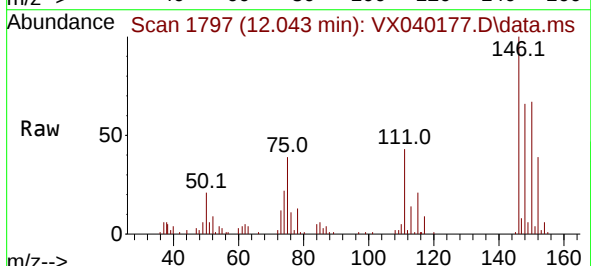
Delta R.T. 0.000 min

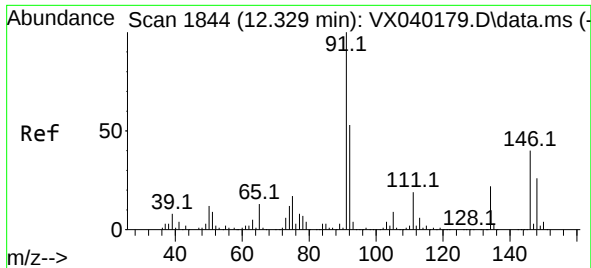
Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

Tgt Ion:146 Resp: 11486

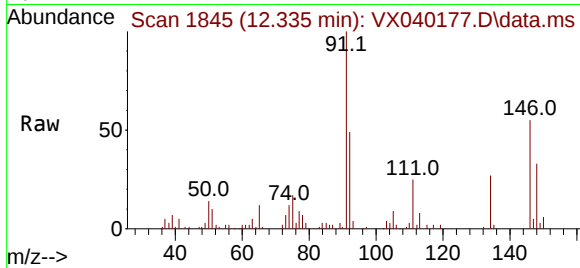
Ion	Ratio	Lower	Upper
146	100		
111	49.5	21.3	63.7
148	64.8	31.8	95.4





#89
n-Butylbenzene
Concen: 4.835 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

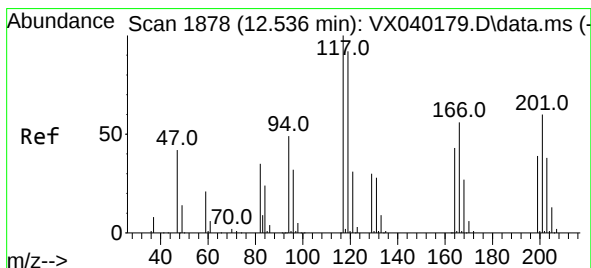
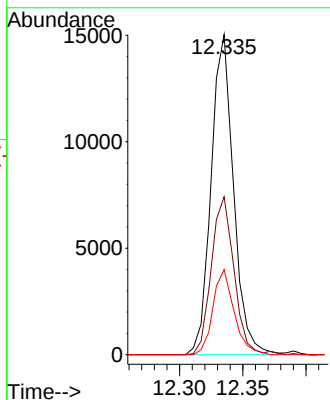
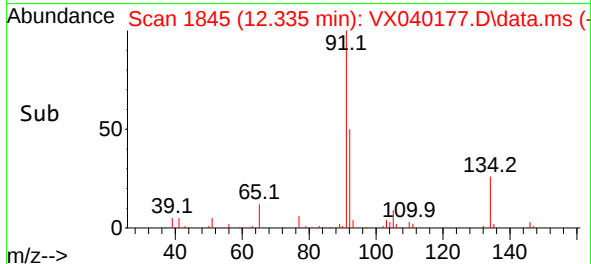
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 1852
Ion Ratio Lower Upper
91 100
92 50.0 27.4 82.0
134 25.0 12.6 37.8

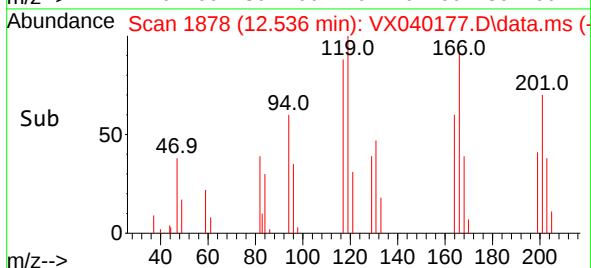
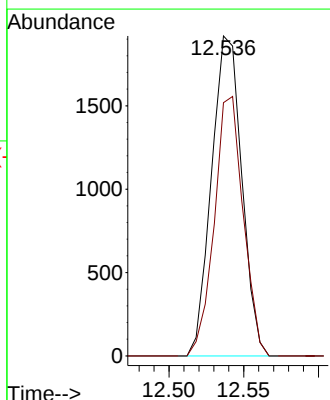
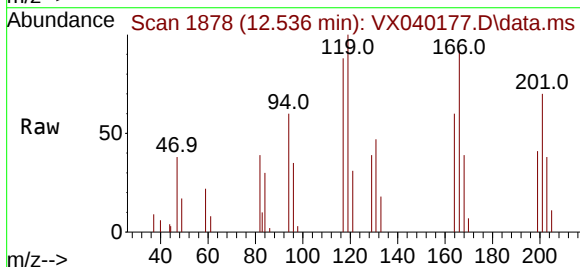
Manual Integrations
APPROVED

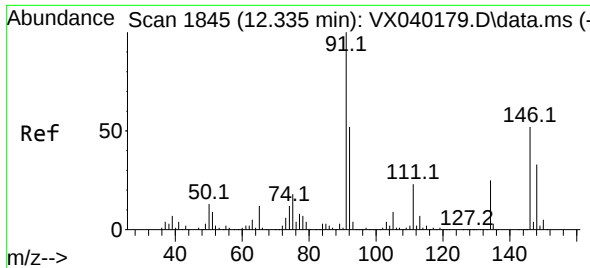
Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#90
Hexachloroethane
Concen: 4.312 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

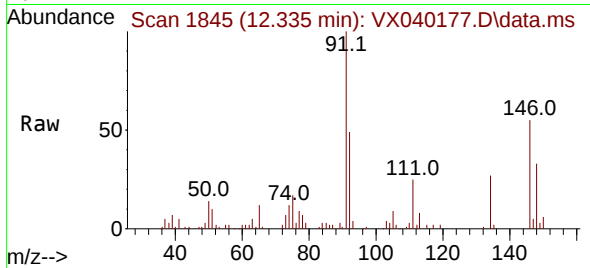
Tgt Ion:117 Resp: 2700
Ion Ratio Lower Upper
117 100
201 77.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 5.025 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

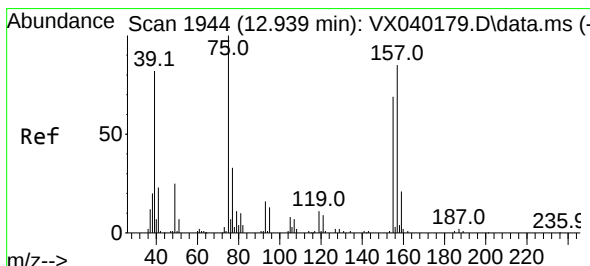
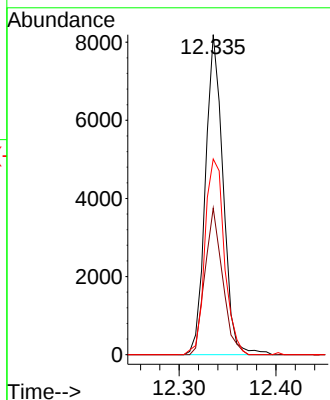
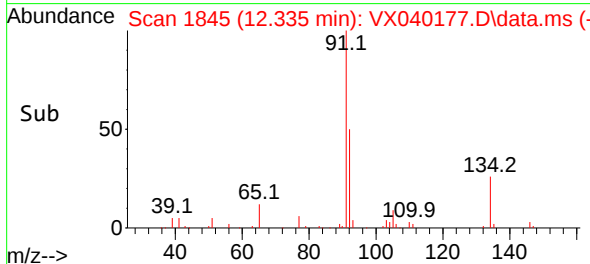
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



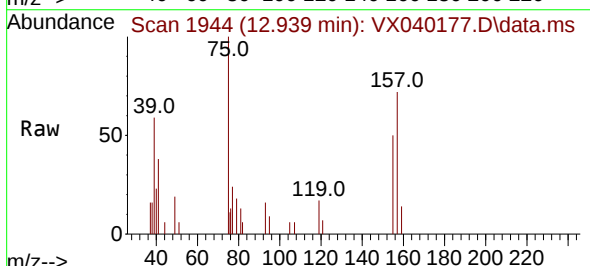
Tgt Ion:146 Resp: 1039
Ion Ratio Lower Upper
146 100
111 45.6 22.4 67.0
148 67.1 31.6 95.0

Manual Integrations
APPROVED

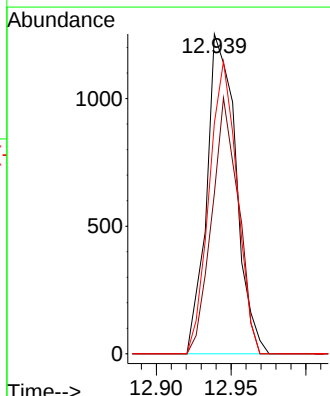
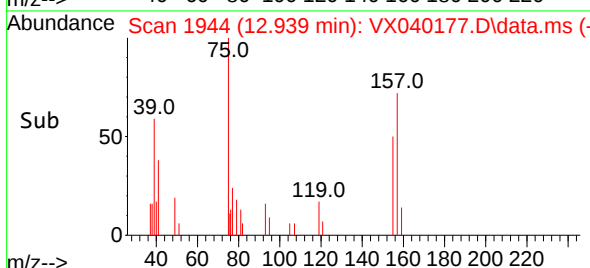
Reviewed By :John Carbone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

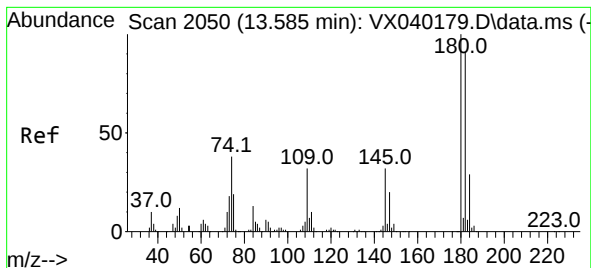


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.504 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33



Tgt Ion: 75 Resp: 1705
Ion Ratio Lower Upper
75 100
155 72.9 36.1 108.5
157 87.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 4.966 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

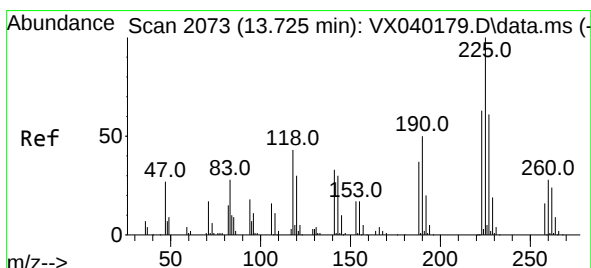
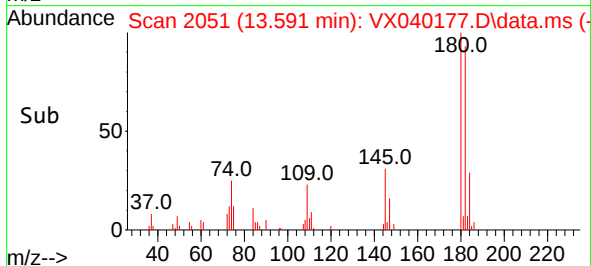
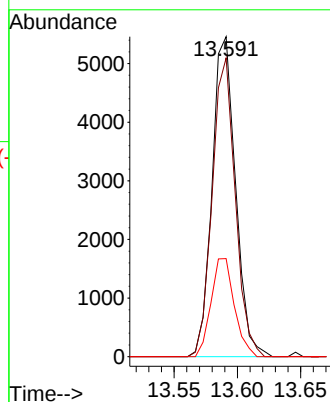
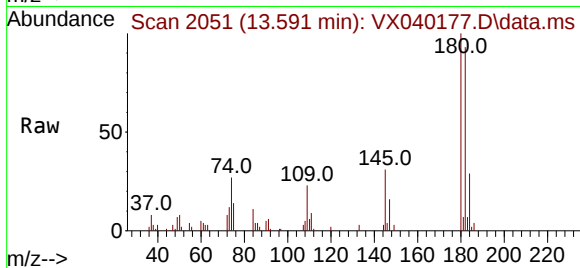
Tgt Ion:	180	Resp:	703
Ion Ratio	Lower	Upper	
180	100		
182	91.6	48.3	144.8
145	30.5	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2024

Supervised By :Mahesh Dadoda 02/12/2024



#94

Hexachlorobutadiene

Concen: 5.135 ug/l

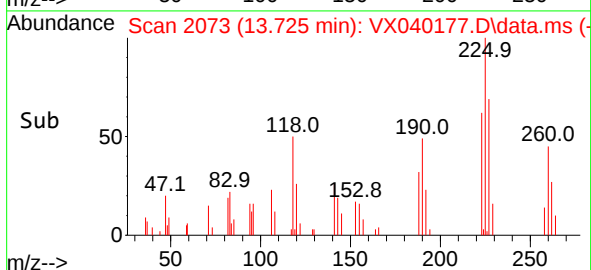
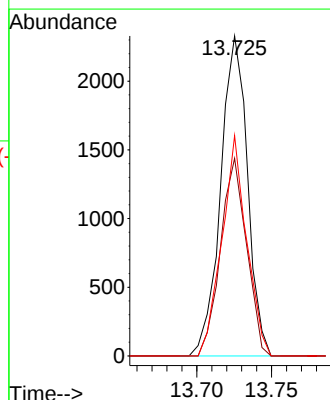
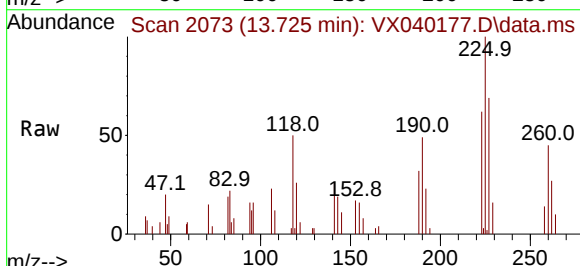
RT: 13.725 min Scan# 2073

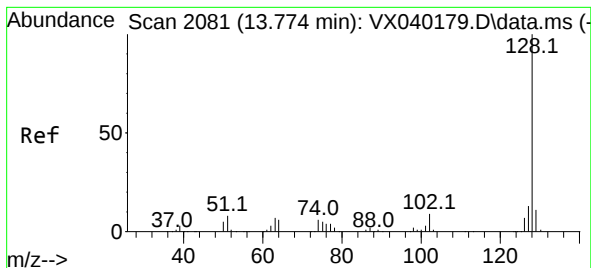
Delta R.T. 0.000 min

Lab File: VX040177.D

Acq: 09 Feb 2024 16:33

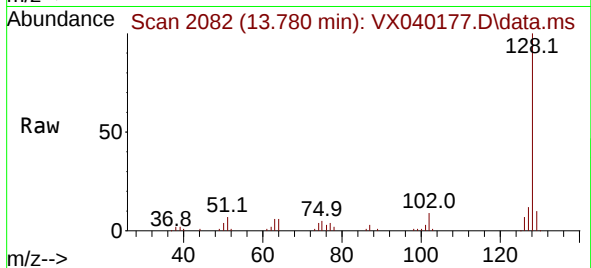
Tgt Ion:	225	Resp:	2902
Ion Ratio	Lower	Upper	
225	100		
223	60.0	31.1	93.2
227	63.7	32.5	97.5





#95
Naphthalene
Concen: 4.645 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33

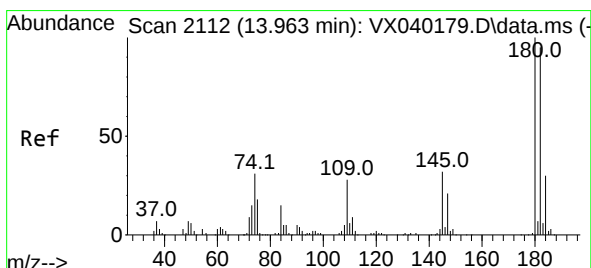
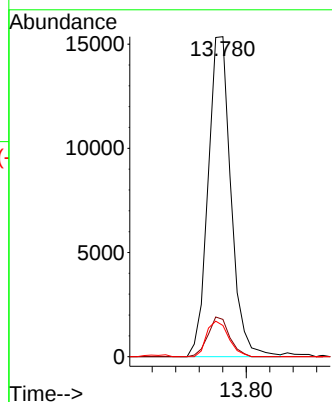
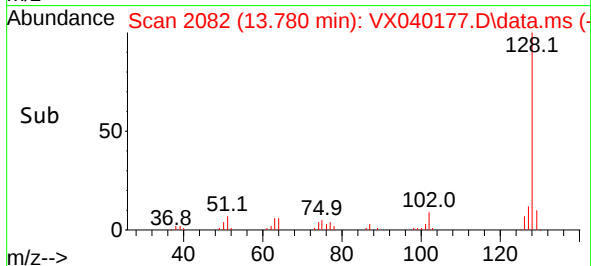
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



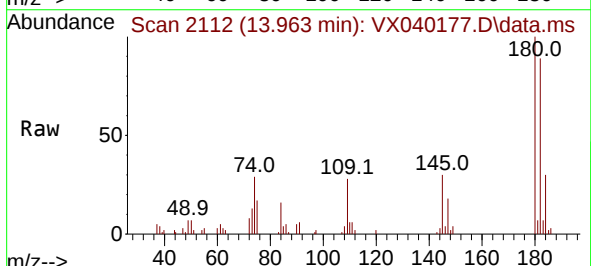
Tgt Ion:128 Resp: 20770
Ion Ratio Lower Upper
128 100
127 11.7 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#96
1,2,3-Trichlorobenzene
Concen: 4.944 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040177.D
Acq: 09 Feb 2024 16:33



Tgt Ion:180 Resp: 6672
Ion Ratio Lower Upper
180 100
182 100.0 46.9 140.6
145 33.3 17.8 53.5

