

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011824\
 Data File : VX039812.D
 Acq On : 18 Jan 2024 12:45
 Operator : JC/MD
 Sample : P1150-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MR-306-25-27

Quant Time: Jan 19 00:38:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

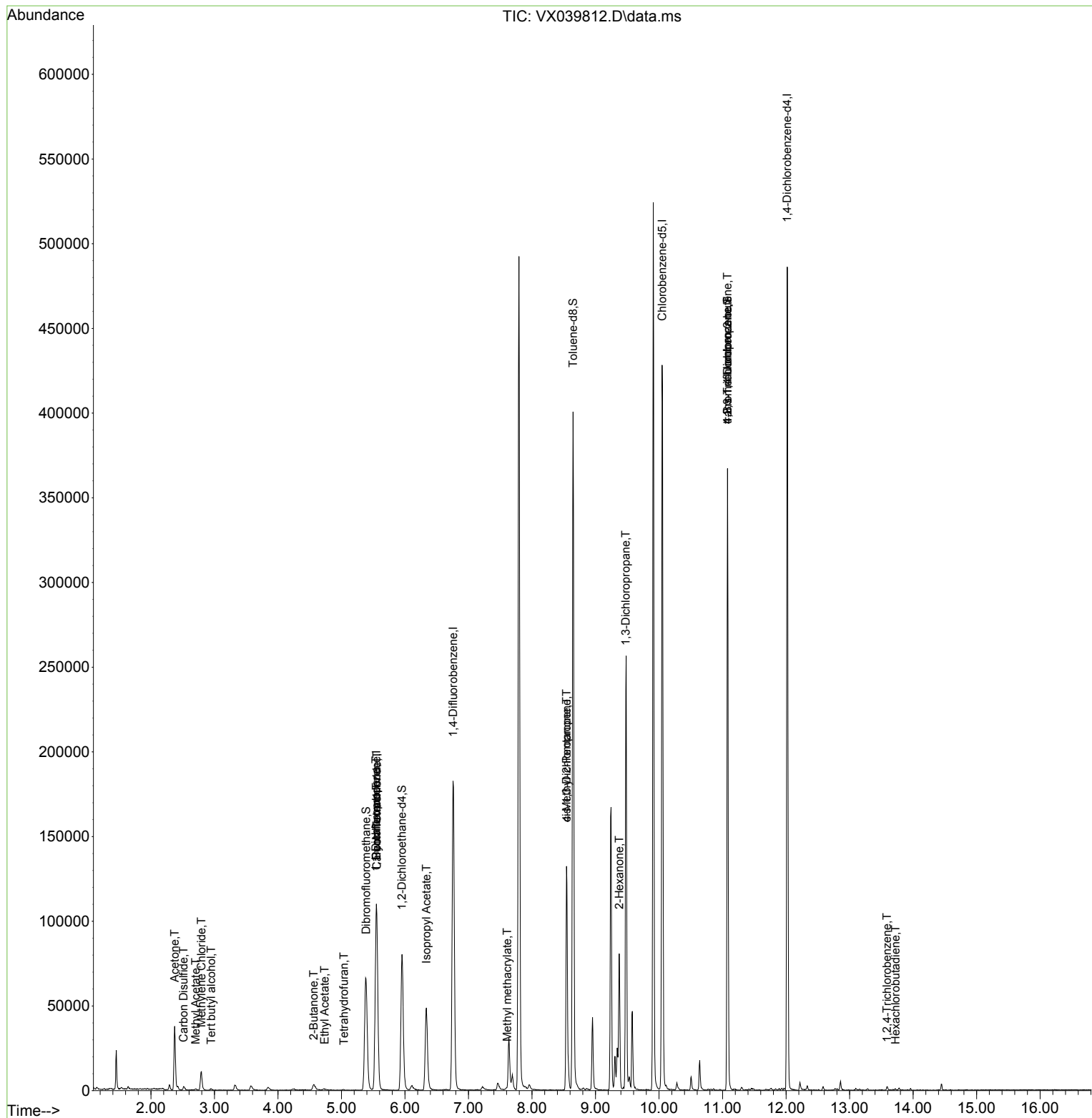
Internal Standards						
1) Pentafluorobenzene	5.550	168	97526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	182491	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	185350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76294	46.700	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.400%		
35) Dibromofluoromethane	5.385	113	58610	47.683	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.360%		
50) Toluene-d8	8.647	98	232371	50.125	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.240%		
62) 4-Bromofluorobenzene	11.079	95	95050	52.432	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.860%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.946	59	737	1.733	ug/l #	78
16) Acetone	2.373	43	39529	43.023	ug/l	95
17) Carbon Disulfide	2.514	76	1316	0.390	ug/l	99
18) Methyl Acetate	2.703	43	1155	0.601	ug/l #	82
20) Methylene Chloride	2.794	84	5208	3.747	ug/l #	89
25) 2-Butanone	4.562	43	6322	4.788	ug/l	99
29) Tetrahydrofuran	5.038	42	281	0.331	ug/l #	62
31) Cyclohexane	5.550	56	2738	1.270	ug/l #	9
36) 1,1-Dichloropropene	5.544	75	9260	4.840	ug/l #	50
37) Ethyl Acetate	4.733	43	1150	0.451	ug/l #	76
38) Carbon Tetrachloride	5.556	117	10656	6.081	ug/l #	15
43) Isopropyl Acetate	6.336	43	68052	18.175	ug/l	98
48) Methyl methacrylate	7.610	41	1323	0.719	ug/l #	16
51) 4-Methyl-2-Pentanone	8.543	43	50044	19.407	ug/l #	47
54) cis-1,3-Dichloropropene	8.543	75	19877	9.163	ug/l #	63
57) 1,3-Dichloropropane	9.476	76	2172	0.930	ug/l #	42
59) 2-Hexanone	9.372	43	58154	28.494	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	53093	22.145	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53093	64.219	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	525	0.277	ug/l	99
94) Hexachlorobutadiene	13.725	225	178	0.226	ug/l #	51

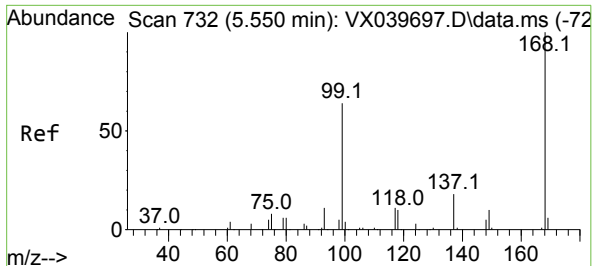
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
MR-306-25-27

Quant Time: Jan 19 00:38:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

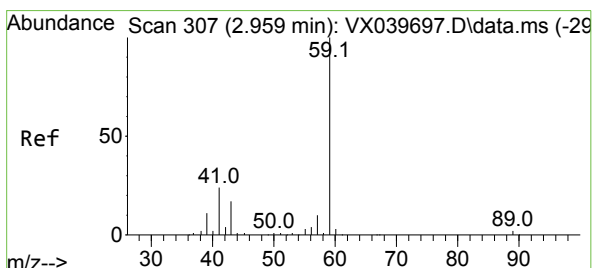
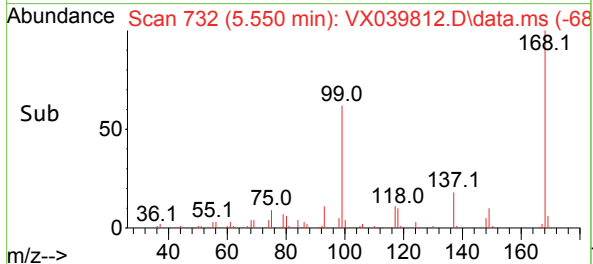
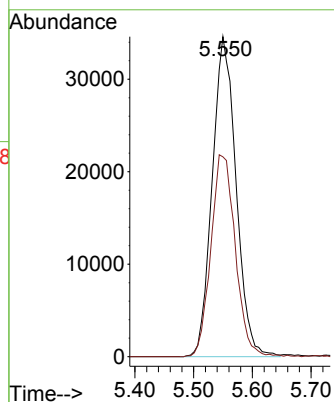
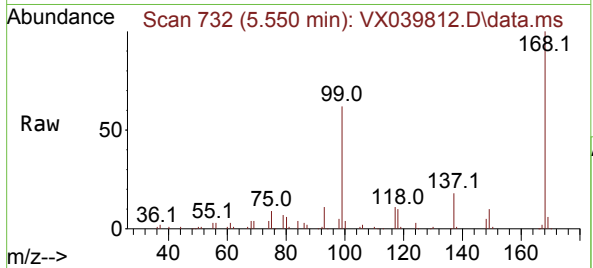




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

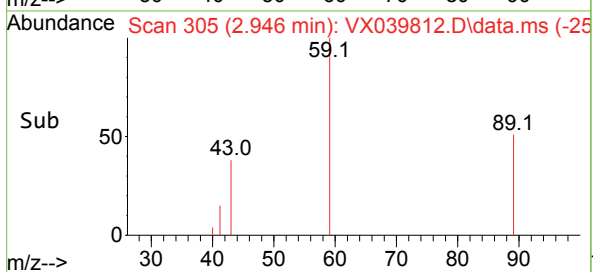
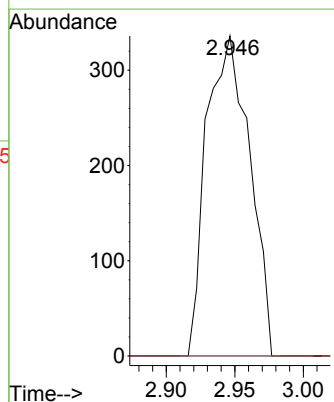
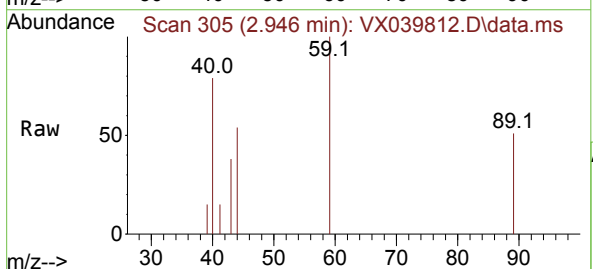
Instrument :
MSVOA_X
ClientSampleId :
MR-306-25-27

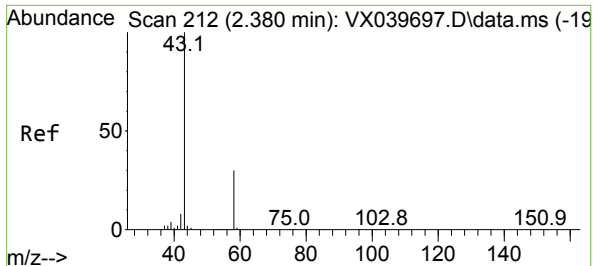
Tgt Ion:168 Resp: 97526
Ion Ratio Lower Upper
168 100
99 62.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.733 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

Tgt Ion: 59 Resp: 737
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

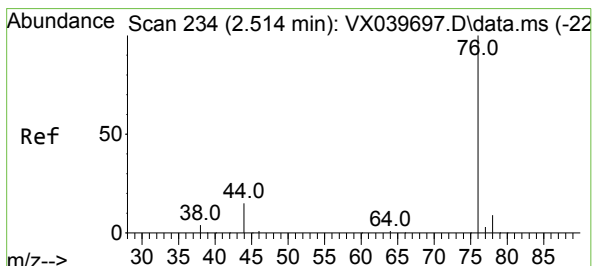
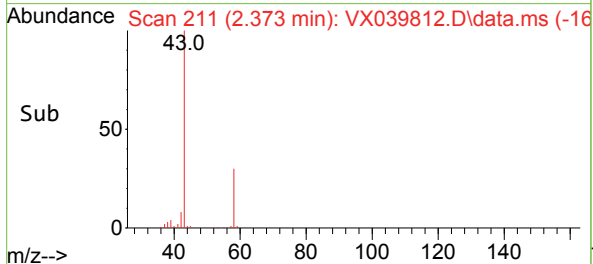
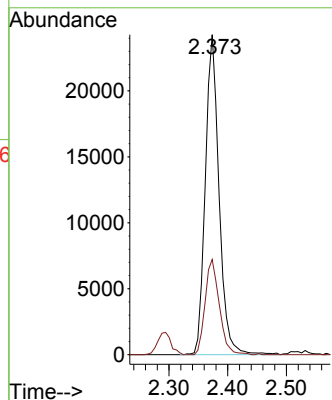
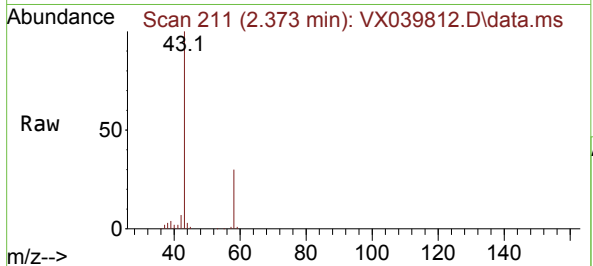




#16
Acetone
Concen: 43.023 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

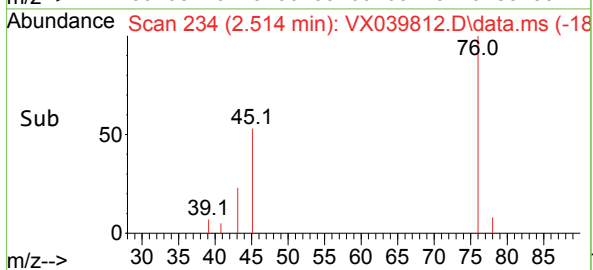
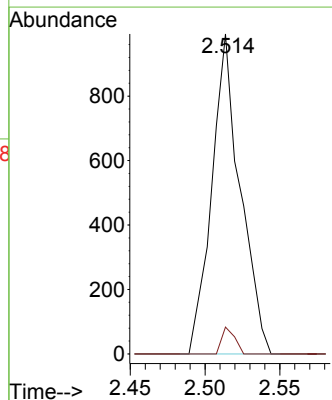
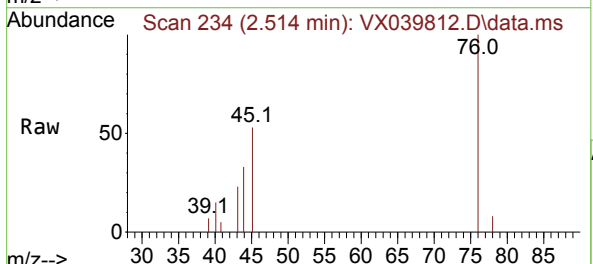
Instrument :
MSVOA_X
ClientSampleId :
MR-306-25-27

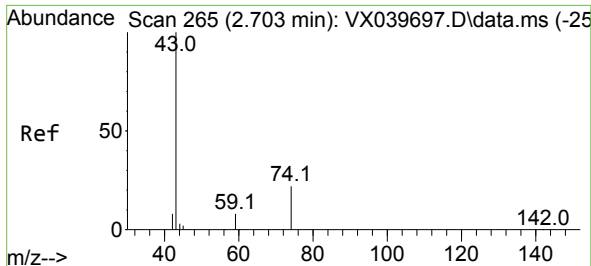
Tgt Ion: 43 Resp: 39529
Ion Ratio Lower Upper
43 100
58 29.8 21.9 32.9



#17
Carbon Disulfide
Concen: 0.390 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

Tgt Ion: 76 Resp: 1316
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6

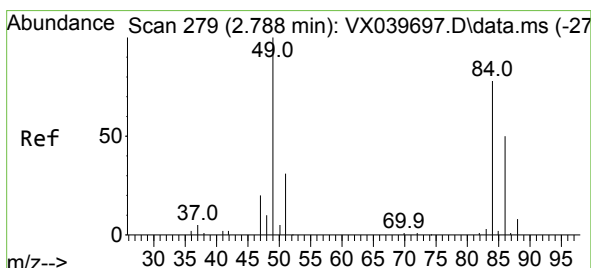
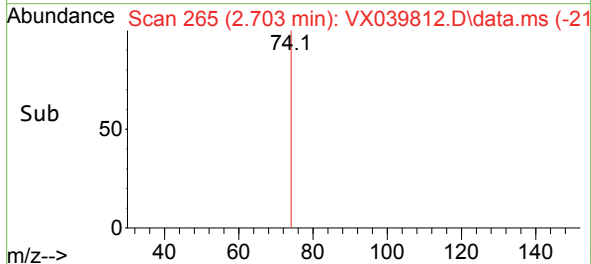
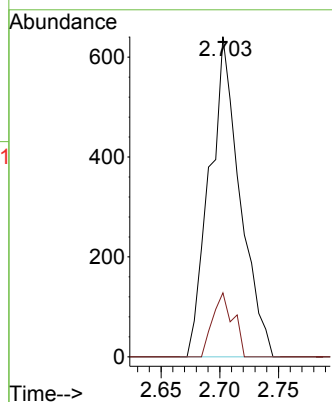
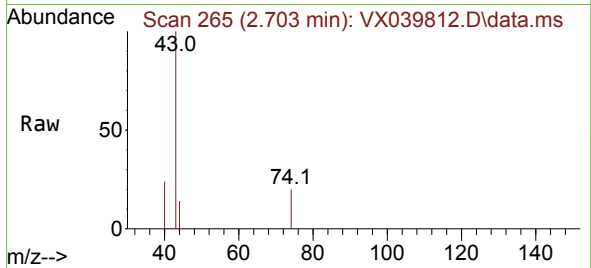




#18
Methyl Acetate
Concen: 0.601 ug/l
RT: 2.703 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

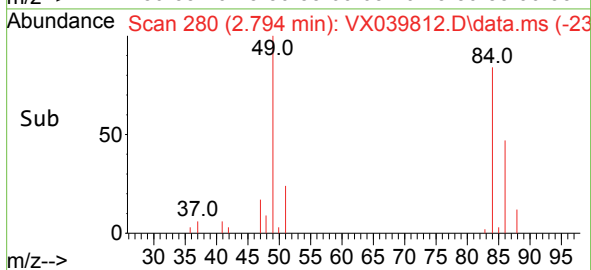
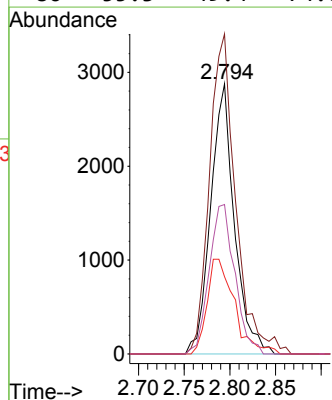
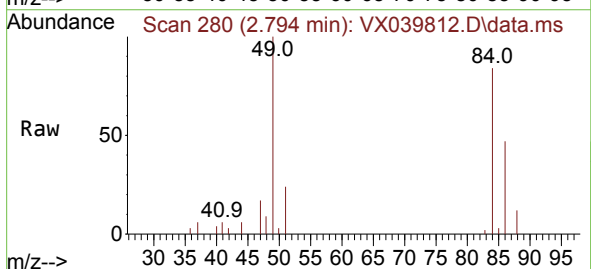
Instrument :
MSVOA_X
ClientSampleId :
MR-306-25-27

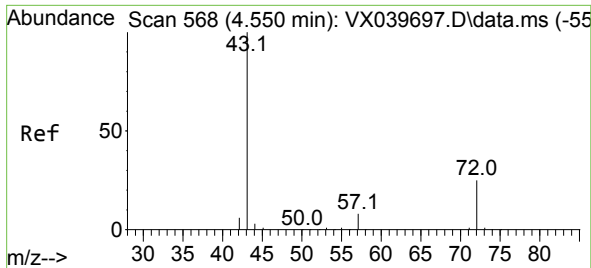
Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
74 13.6 17.8 26.8#



#20
Methylene Chloride
Concen: 3.747 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

Tgt Ion: 84 Resp: 5208
Ion Ratio Lower Upper
84 100
49 118.5 103.6 155.4
51 28.6 33.8 50.6#
86 55.3 49.4 74.0

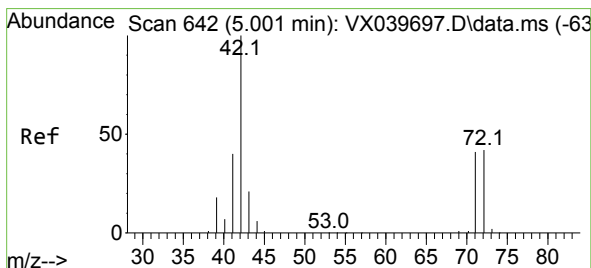
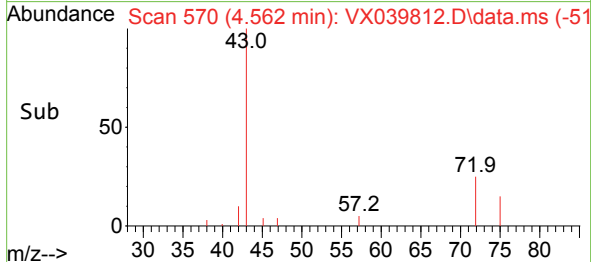
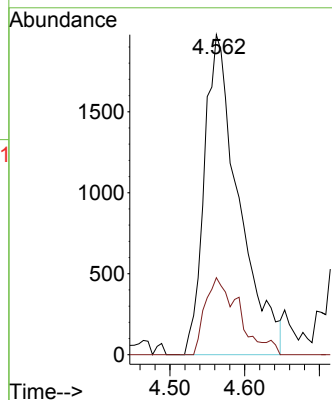
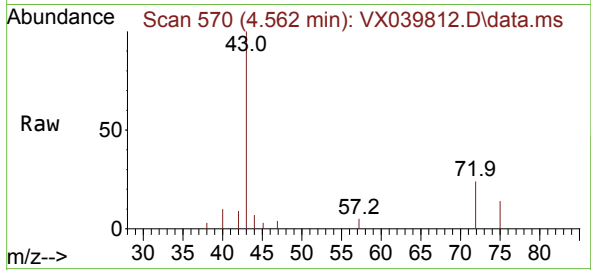




#25
2-Butanone
Concen: 4.788 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

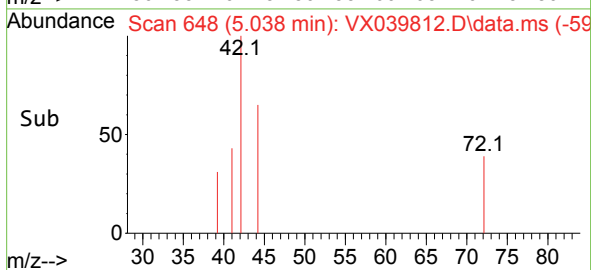
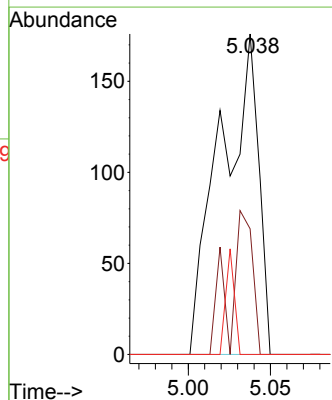
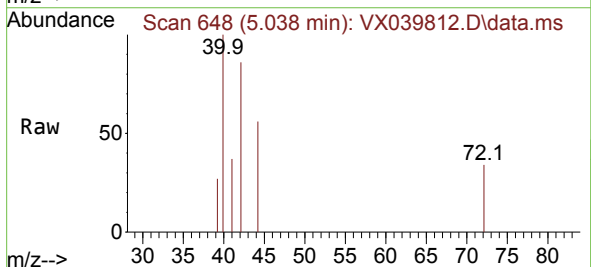
Instrument :
MSVOA_X
ClientSampleId :
MR-306-25-27

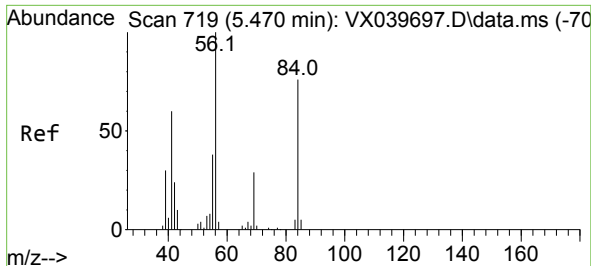
Tgt Ion: 43 Resp: 6322
Ion Ratio Lower Upper
43 100
72 24.0 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.331 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.037 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

Tgt Ion: 42 Resp: 281
Ion Ratio Lower Upper
42 100
72 27.0 34.2 51.4#
71 7.5 32.2 48.2#

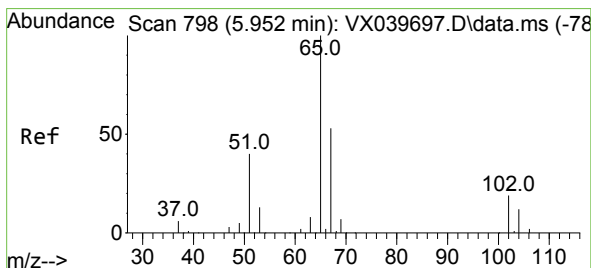
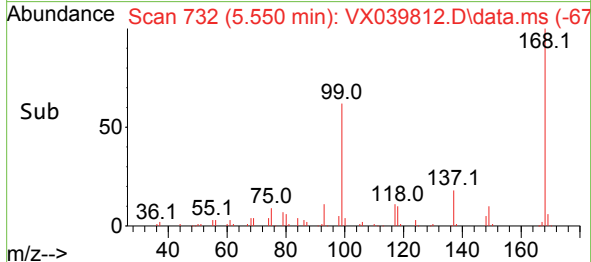
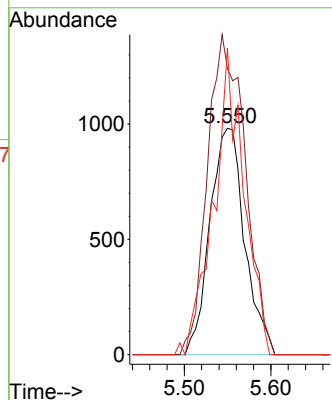
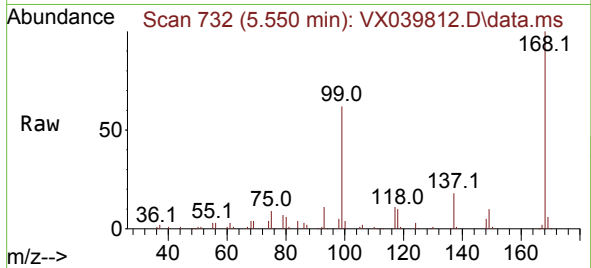




#31
Cyclohexane
Concen: 1.270 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

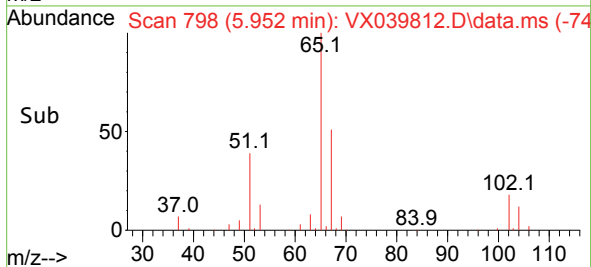
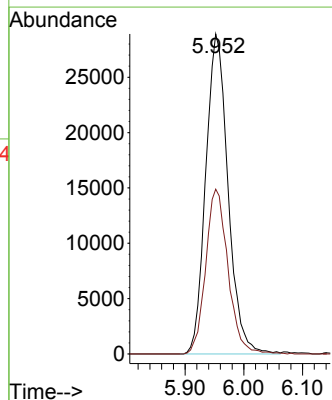
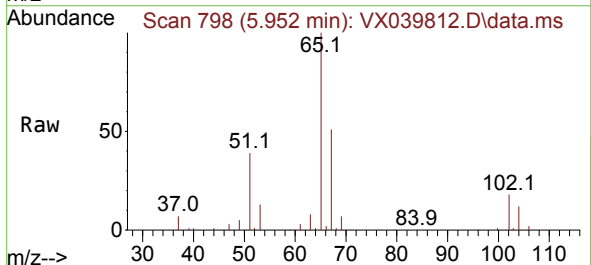
Instrument :
MSVOA_X
ClientSampleId :
MR-306-25-27

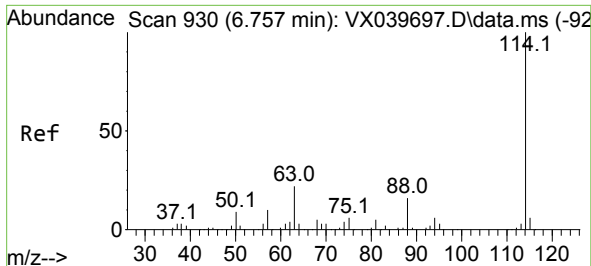
Tgt Ion: 56 Resp: 2738
Ion Ratio Lower Upper
56 100
69 126.4 23.4 35.2#
84 135.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.700 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

Tgt Ion: 65 Resp: 76294
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

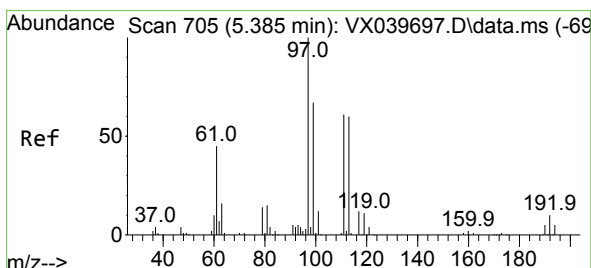
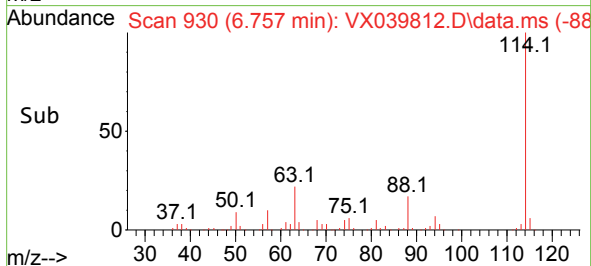
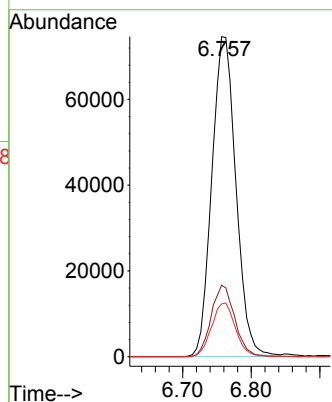
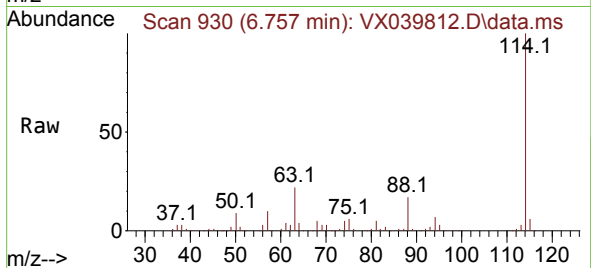




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

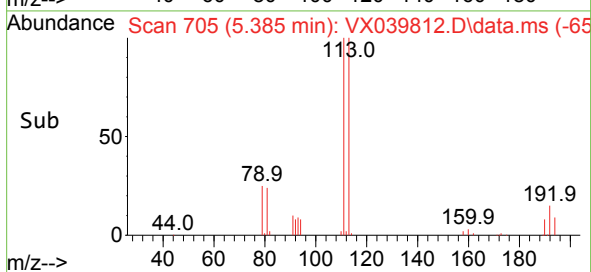
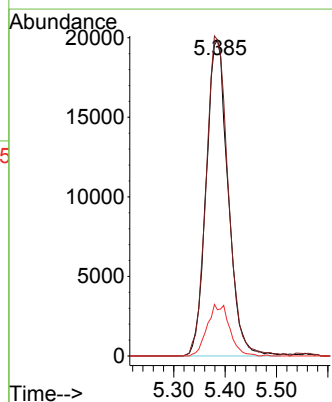
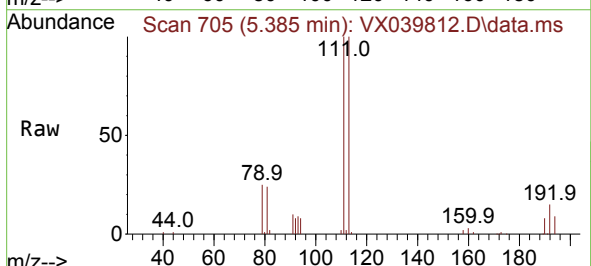
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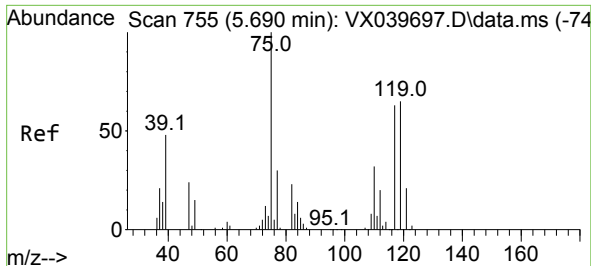
Tgt Ion:114 Resp: 182491
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.683 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

Tgt Ion:113 Resp: 58610
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 16.6 13.3 19.9

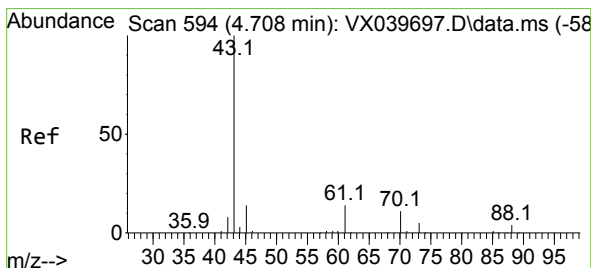
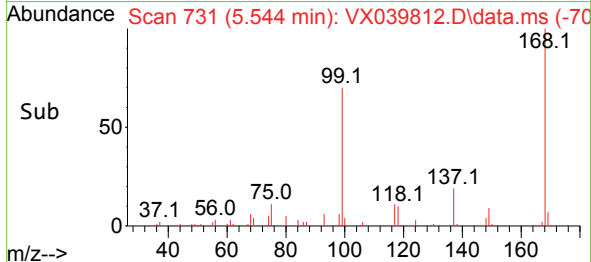
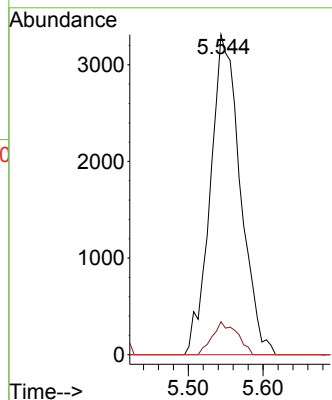
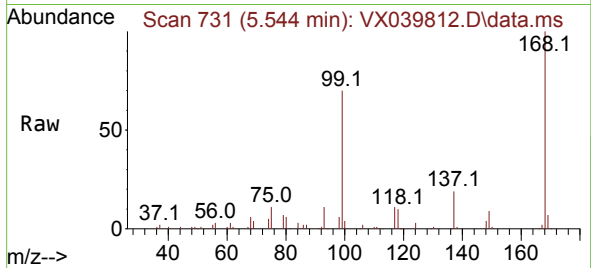




#36
1,1-Dichloropropene
Concen: 4.840 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

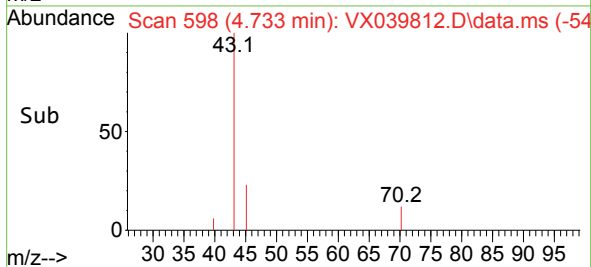
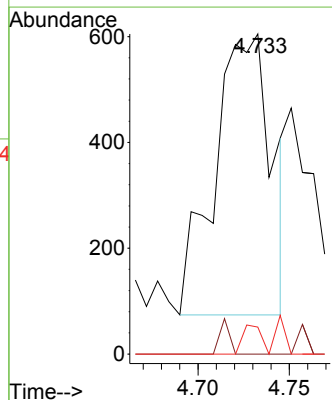
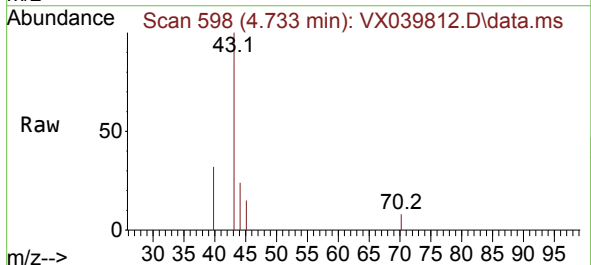
Instrument :
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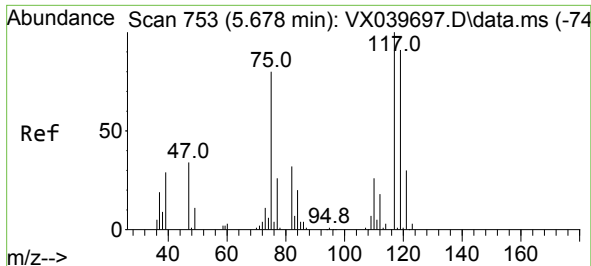
Tgt Ion: 75 Resp: 9260
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.451 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.024 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

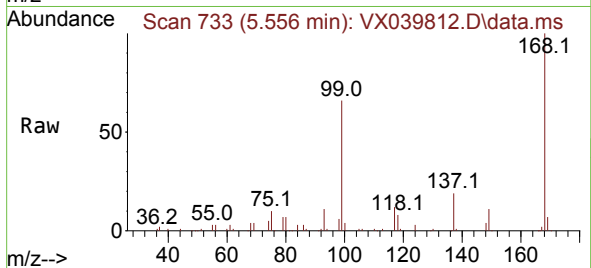
Tgt Ion: 43 Resp: 1150
Ion Ratio Lower Upper
43 100
61 2.2 10.6 16.0#
70 3.4 8.3 12.5#



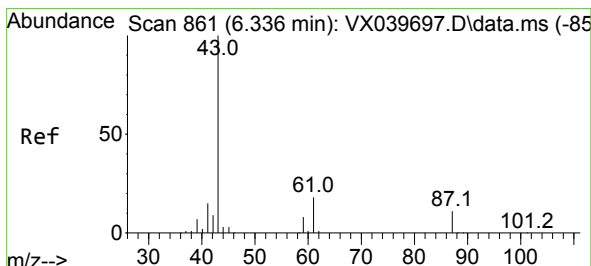
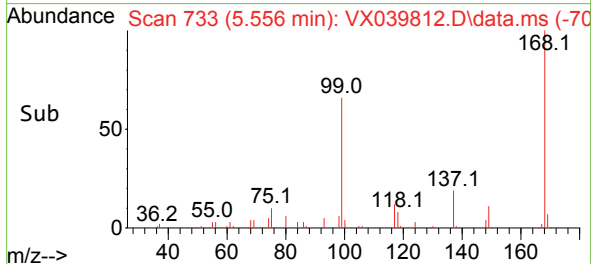
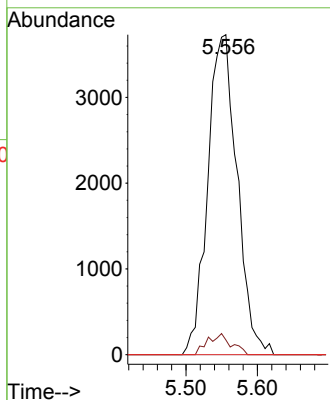


#38
Carbon Tetrachloride
Concen: 6.081 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

Instrument :
MSVOA_X
ClientSampleId :
MR-306-25-27

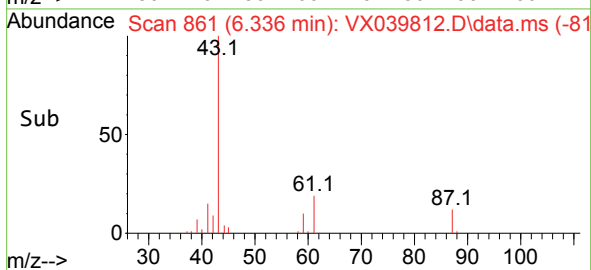
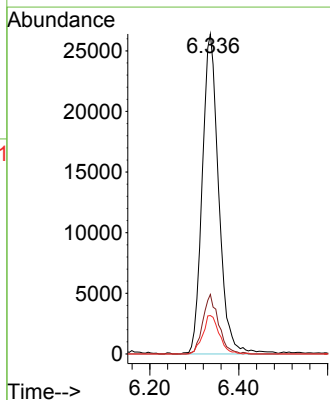
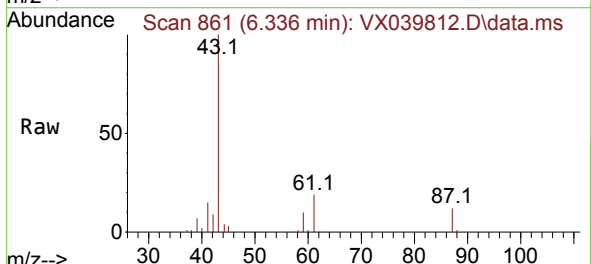


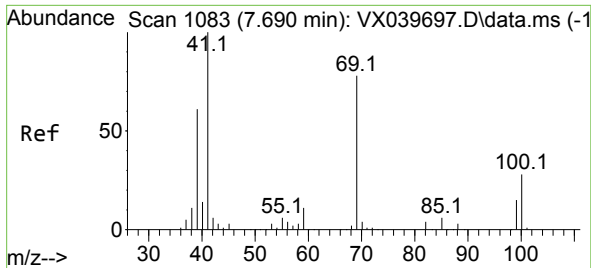
Tgt Ion:117 Resp: 10656
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 18.175 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

Tgt Ion: 43 Resp: 68052
Ion Ratio Lower Upper
43 100
61 17.8 15.2 22.8
87 12.0 9.8 14.6

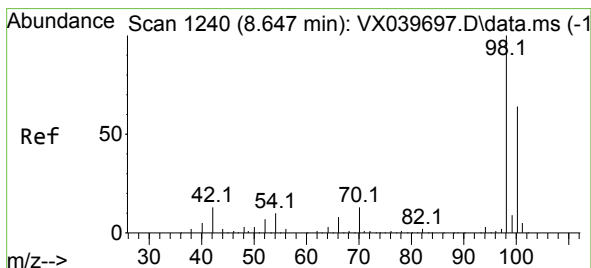
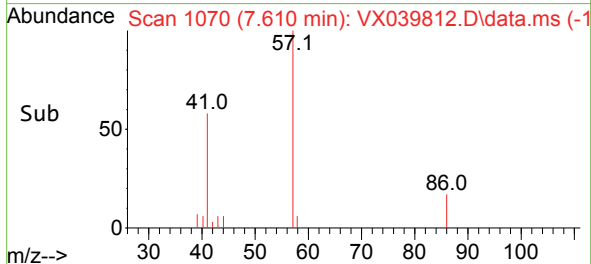
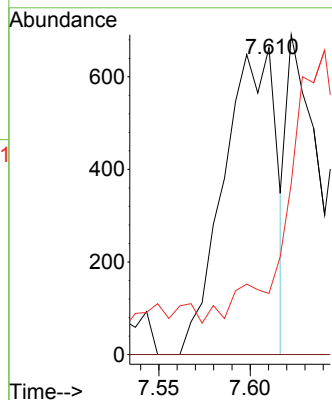
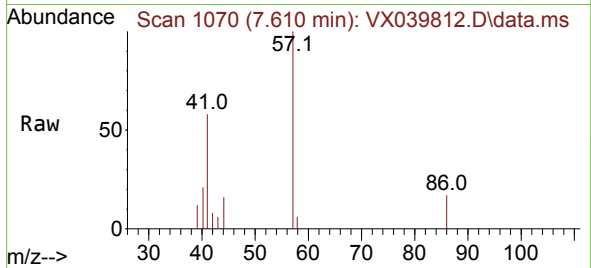




#48
Methyl methacrylate
Concen: 0.719 ug/l
RT: 7.610 min Scan# 1083
Delta R.T. -0.079 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

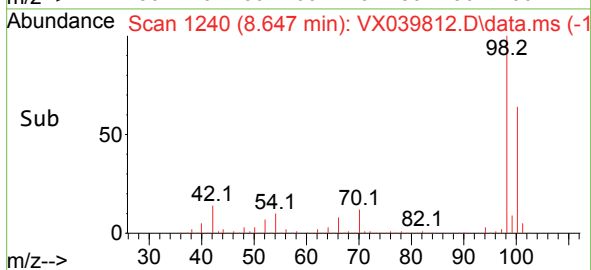
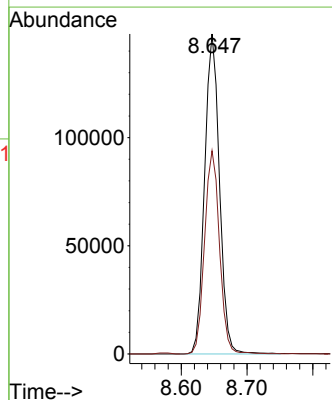
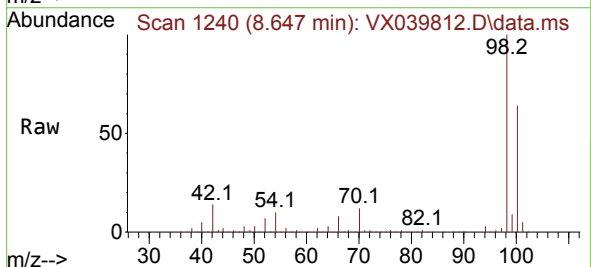
Instrument :
MSVOA_X
ClientSampleId :
MR-306-25-27

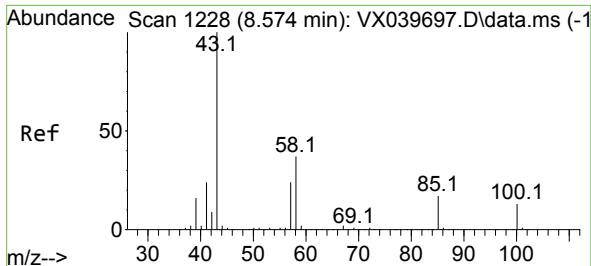
Tgt Ion: 41 Resp: 1323
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 0.0 47.7 71.5#



#50
Toluene-d8
Concen: 50.125 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

Tgt Ion: 98 Resp: 232371
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

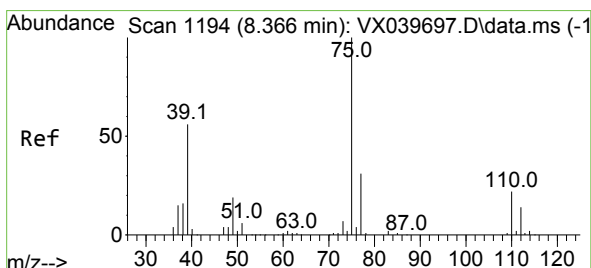
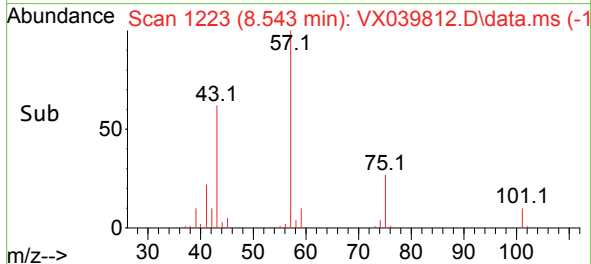
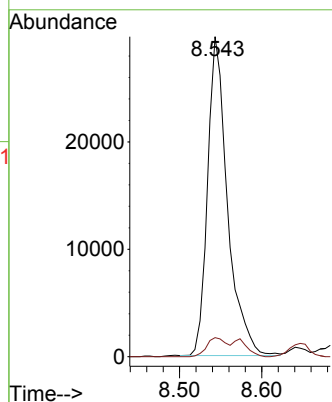
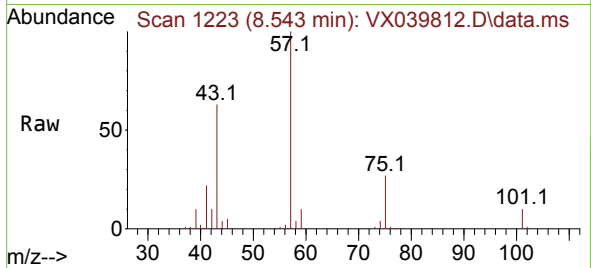




#51
4-Methyl-2-Pentanone
Concen: 19.407 ug/l
RT: 8.543 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

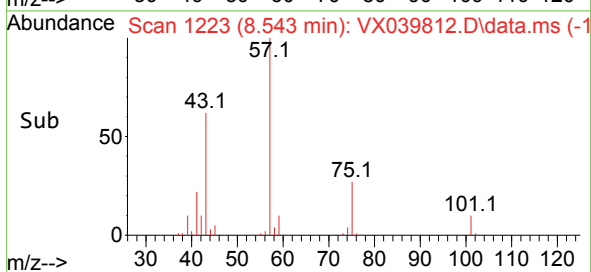
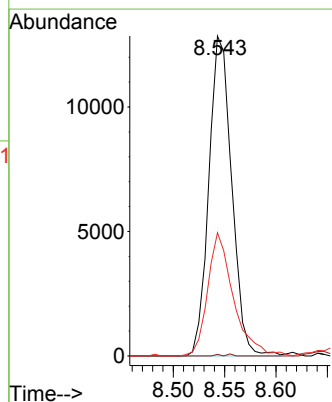
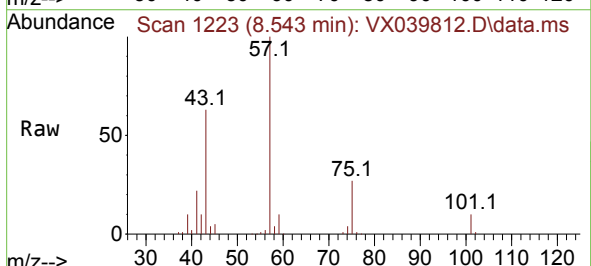
Instrument :
MSVOA_X
ClientSampleId :
MR-306-25-27

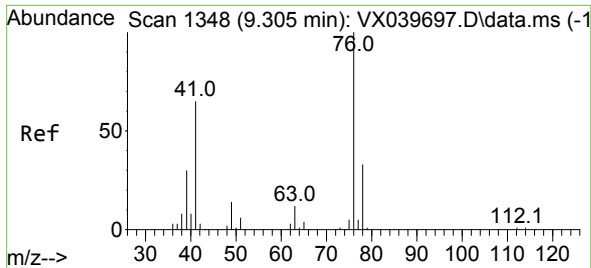
Tgt Ion: 43 Resp: 50044
Ion Ratio Lower Upper
43 100
58 6.1 30.4 45.6#



#54
cis-1,3-Dichloropropene
Concen: 9.163 ug/l
RT: 8.543 min Scan# 1223
Delta R.T. 0.177 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

Tgt Ion: 75 Resp: 19877
Ion Ratio Lower Upper
75 100
77 0.5 25.3 37.9#
39 38.5 46.7 70.1#

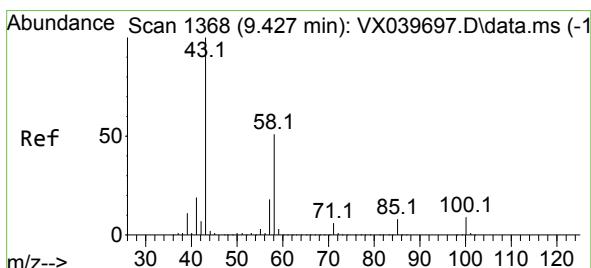
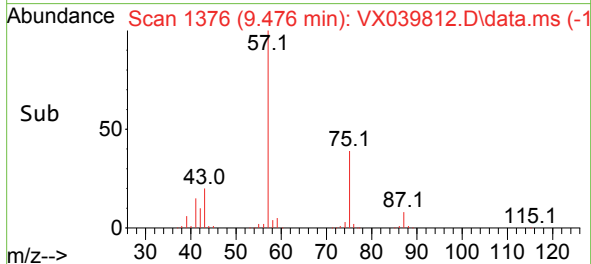
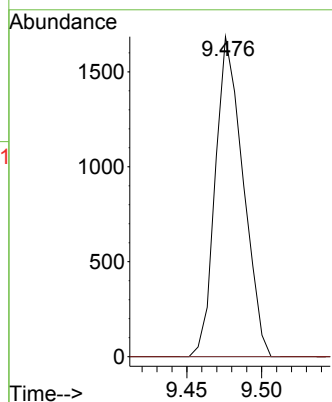
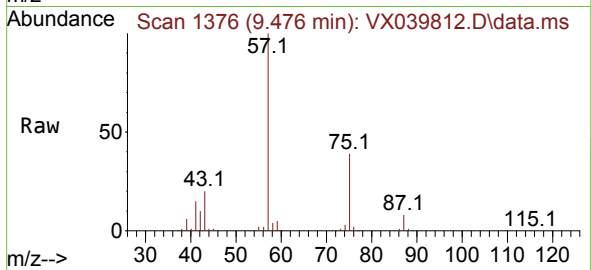




#57
1,3-Dichloropropane
Concen: 0.930 ug/l
RT: 9.476 min Scan# 1376
Delta R.T. 0.171 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

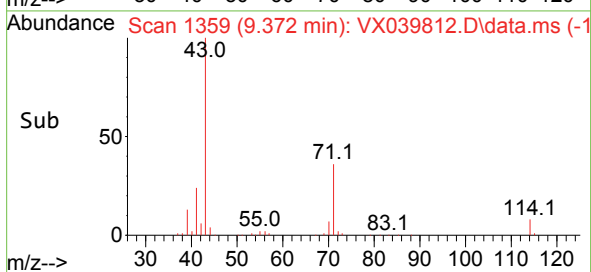
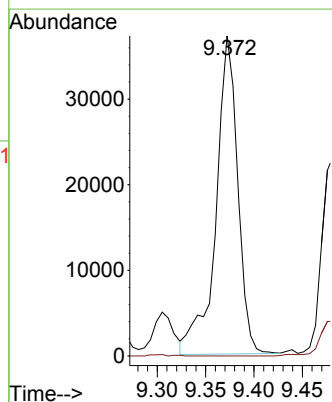
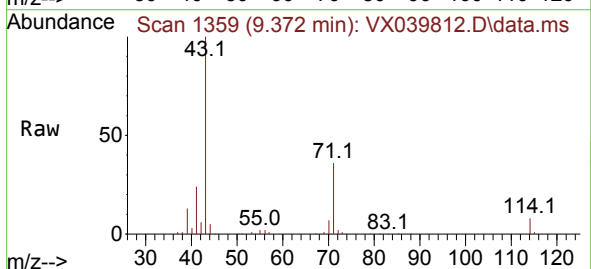
Instrument :
MSVOA_X
ClientSampleId :
MR-306-25-27

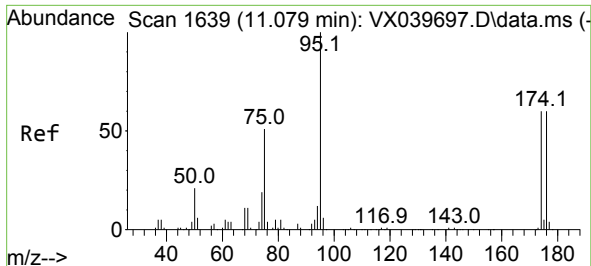
Tgt Ion: 76 Resp: 2172
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 28.494 ug/l
RT: 9.372 min Scan# 1359
Delta R.T. -0.055 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

Tgt Ion: 43 Resp: 58154
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#

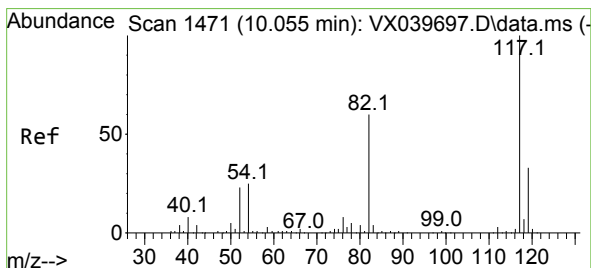
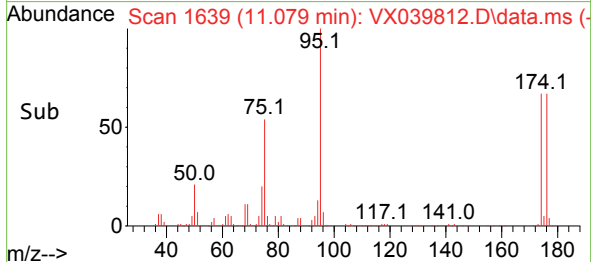
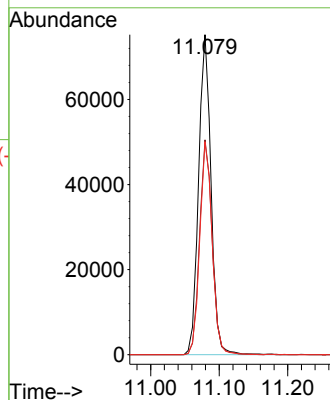
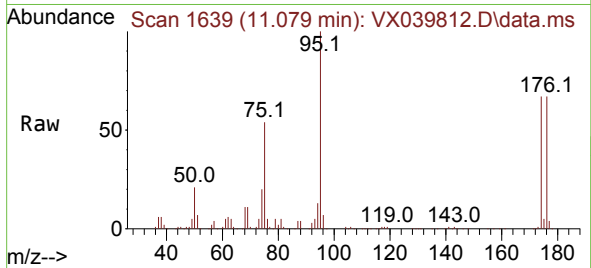




#62
4-Bromofluorobenzene
Concen: 52.432 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

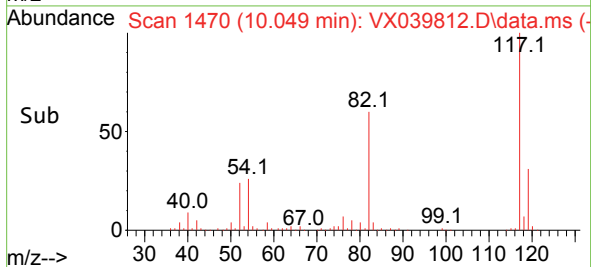
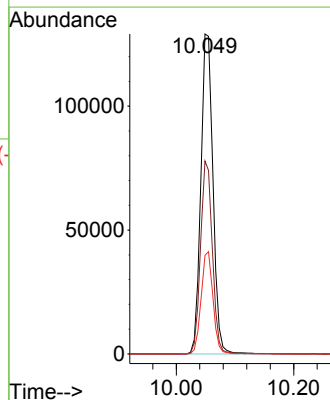
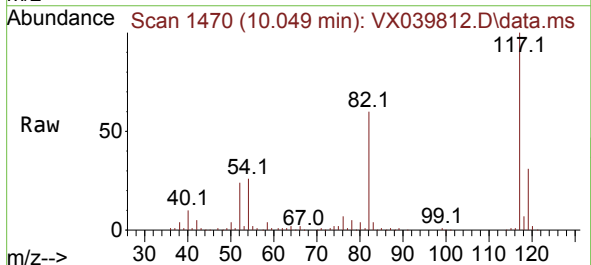
Instrument :
MSVOA_X
ClientSampleId :
MR-306-25-27

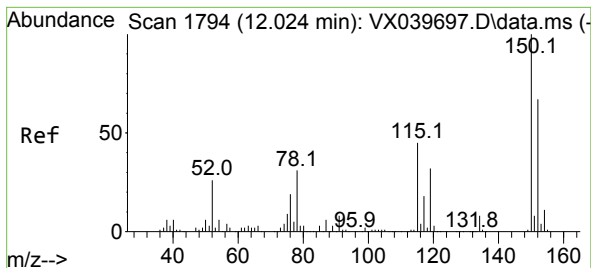
Tgt Ion: 95 Resp: 95050
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.6
176 66.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

Tgt Ion: 117 Resp: 185350
Ion Ratio Lower Upper
117 100
82 60.3 46.2 69.4
119 30.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039812.D

Acq: 18 Jan 2024 12:45

Instrument :

MSVOA_X

ClientSampleId :

MR-306-25-27

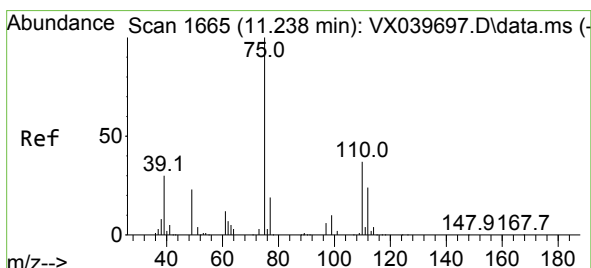
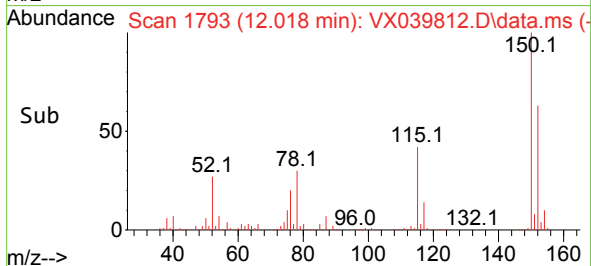
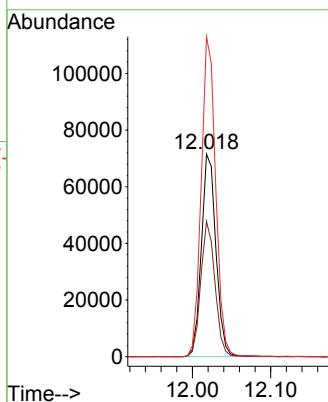
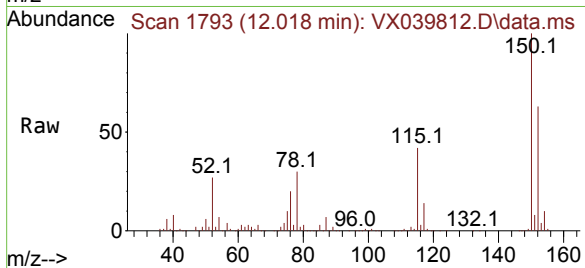
Tgt Ion:152 Resp: 92477

Ion Ratio Lower Upper

152 100

115 65.0 43.3 129.9

150 156.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.145 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039812.D

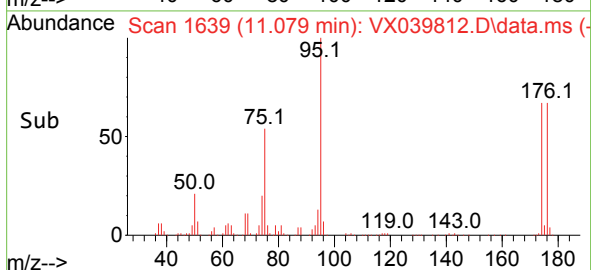
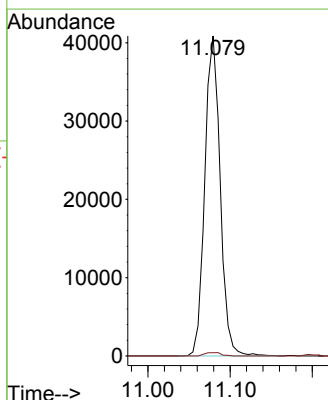
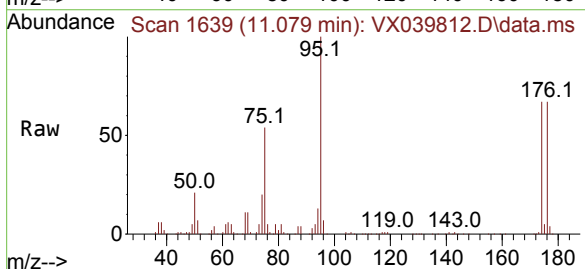
Acq: 18 Jan 2024 12:45

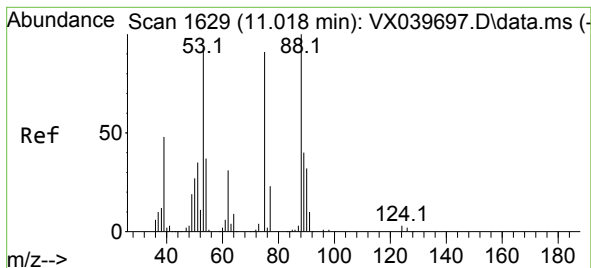
Tgt Ion: 75 Resp: 53093

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

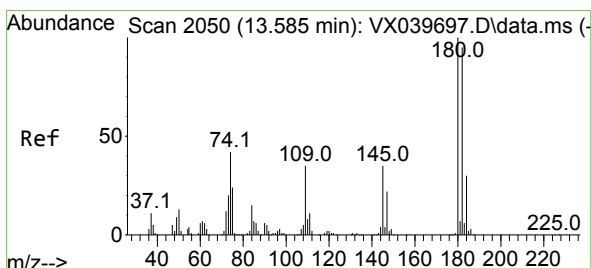
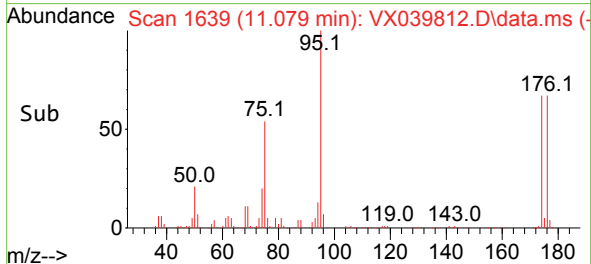
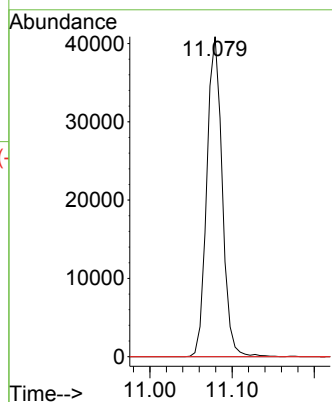
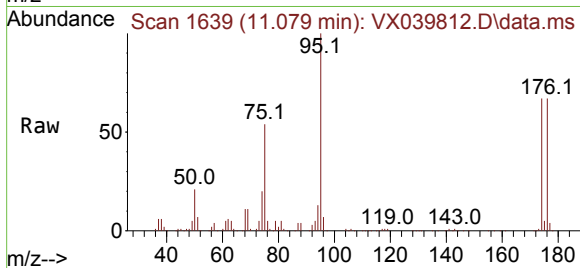




#81
trans-1,4-Dichloro-2-butene
Concen: 64.219 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

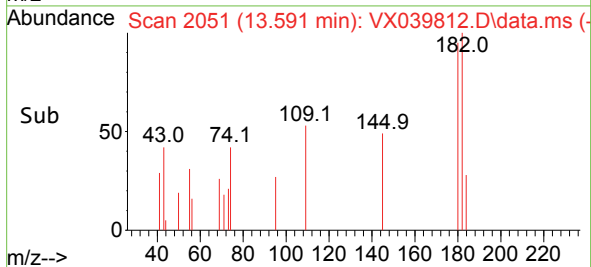
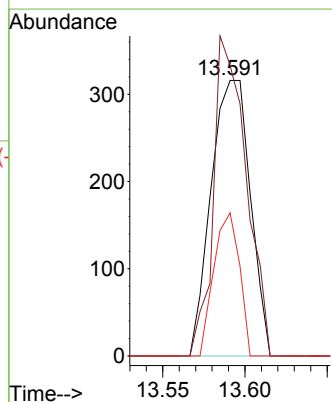
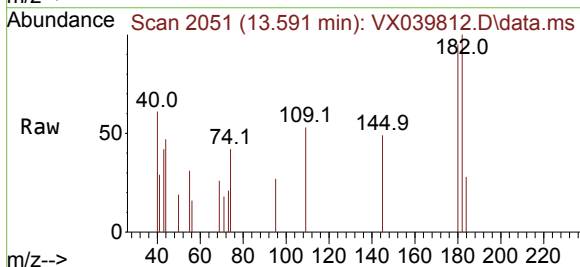
Instrument :
MSVOA_X
ClientSampleId :
MR-306-25-27

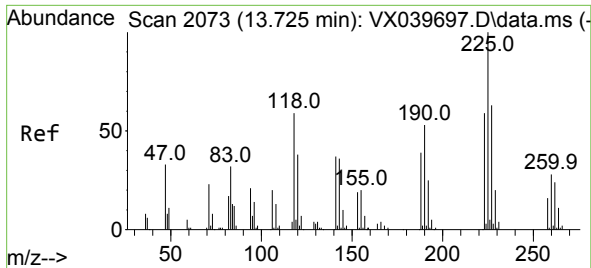
Tgt Ion: 75 Resp: 53093
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.277 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039812.D
Acq: 18 Jan 2024 12:45

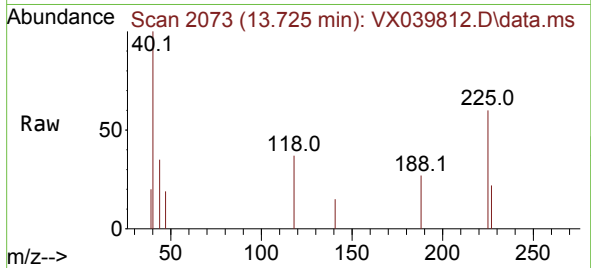
Tgt Ion: 180 Resp: 525
Ion Ratio Lower Upper
180 100
182 96.4 48.3 144.8
145 33.7 18.0 54.0





#94
 Hexachlorobutadiene
 Concen: 0.226 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VX039812.D
 Acq: 18 Jan 2024 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 MR-306-25-27



Tgt Ion:	225	Resp:	178
Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.1	93.2#
227	80.3	32.5	97.5

