

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034458.D
 Acq On : 14 Mar 2023 12:35
 Operator : JC/MD
 Sample : 01879-06DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20230308DL

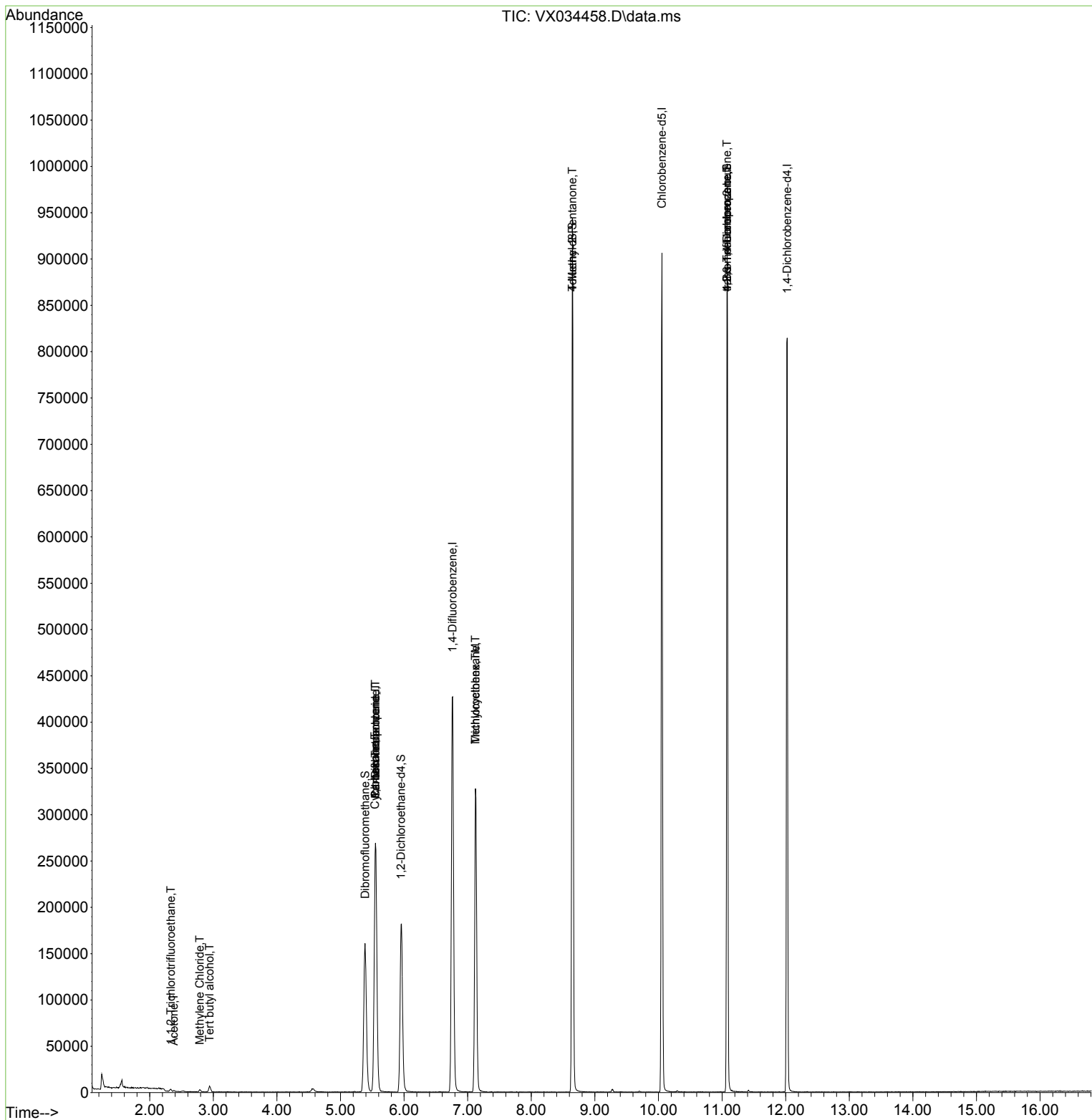
Quant Time: Mar 15 06:38:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	262427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	444983	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	395199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	172427	45.164	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.320%		
35) Dibromofluoromethane	5.385	113	138865	47.265	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.540%		
50) Toluene-d8	8.647	98	539641	49.203	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.400%		
62) 4-Bromofluorobenzene	11.079	95	246284	55.593	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.180%		
Target Compounds						
3) Chloromethane	1.325	50	812	Below Cal	#	42
9) 1,1,2-Trichlorotrifluo...	2.331	101	1070	0.367	ug/l	91
11) Tert butyl alcohol	2.940	59	3436	4.322	ug/l #	73
16) Acetone	2.379	43	1028	0.572	ug/l	95
20) Methylene Chloride	2.788	84	1118	0.320	ug/l	88
31) Cyclohexane	5.543	56	5980	1.117	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	21305	4.721	ug/l #	49
38) Carbon Tetrachloride	5.550	117	26884	5.989	ug/l #	15
39) Methylcyclohexane	7.122	83	1472	0.273	ug/l #	1
44) Trichloroethene	7.122	130	127642	37.214	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	2670	0.551	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	132033	33.553	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	132033	90.771	ug/l #	8

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

Quant Time: Mar 15 06:38:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
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QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

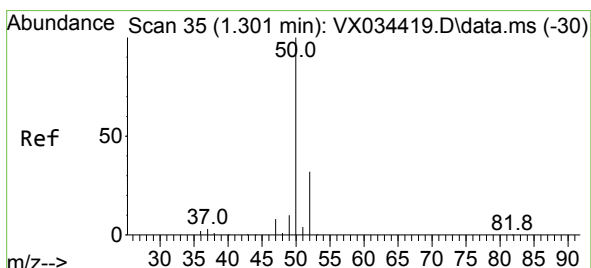
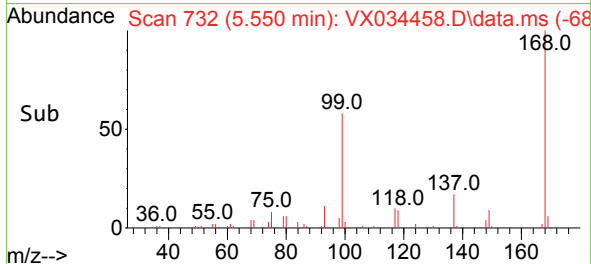
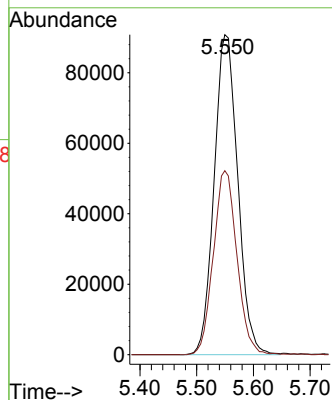
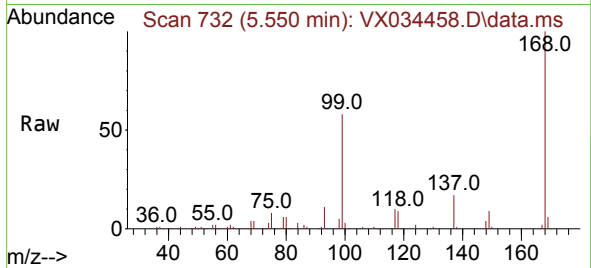




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034458.D
Acq: 14 Mar 2023 12:35

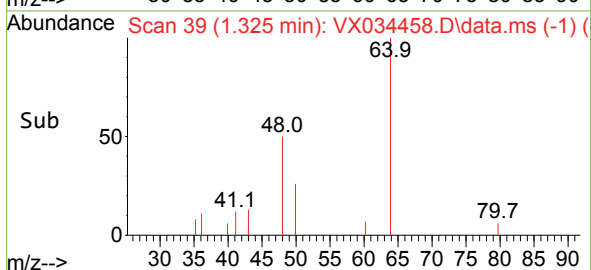
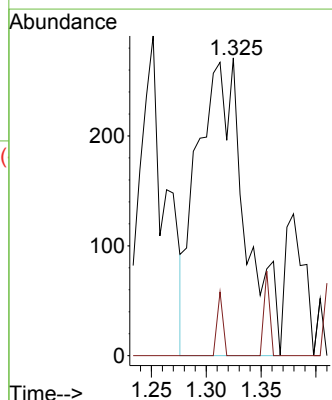
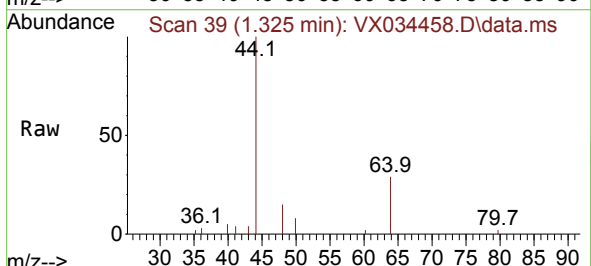
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230308DL

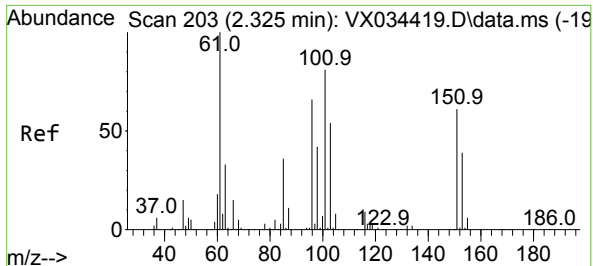
Tgt Ion:168 Resp: 262427
Ion Ratio Lower Upper
168 100
99 57.5 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.325 min Scan# 39
Delta R.T. 0.024 min
Lab File: VX034458.D
Acq: 14 Mar 2023 12:35

Tgt Ion: 50 Resp: 812
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

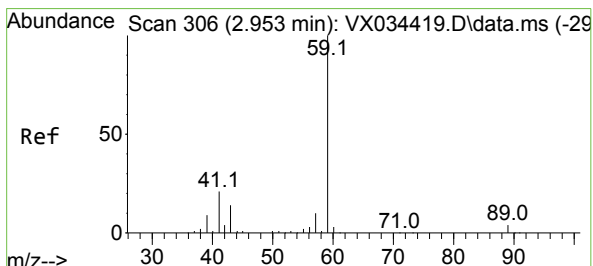
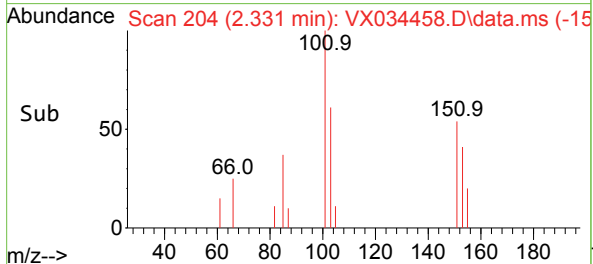
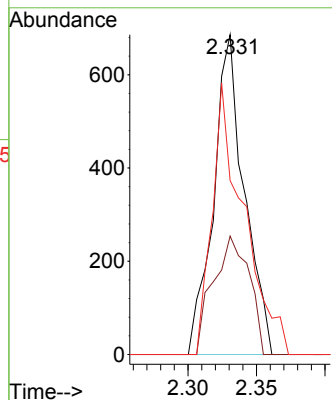
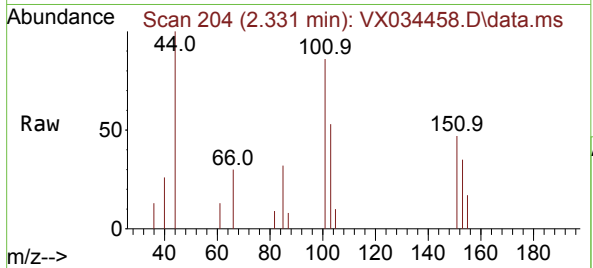




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.367 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX034458.D
Acq: 14 Mar 2023 12:35

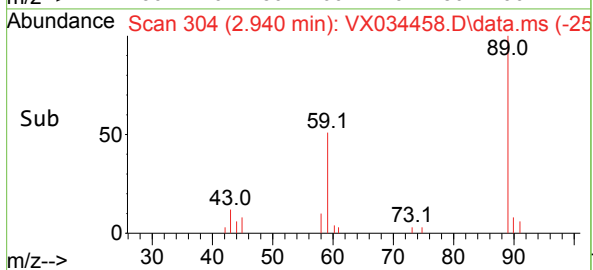
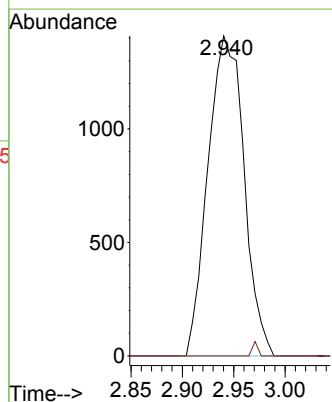
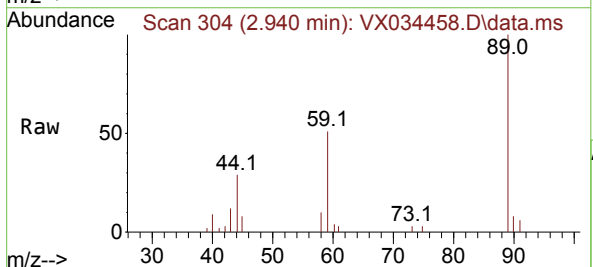
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230308DL

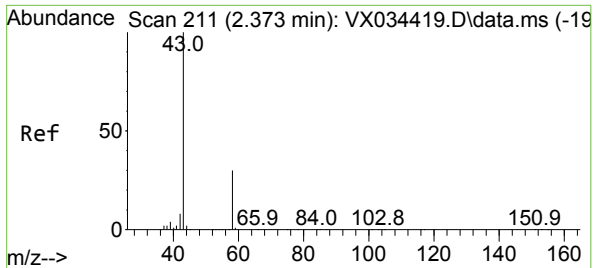
Tgt Ion:101 Resp: 1070
Ion Ratio Lower Upper
101 100
85 43.2 35.4 53.2
151 87.1 60.2 90.4



#11
Tert butyl alcohol
Concen: 4.322 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX034458.D
Acq: 14 Mar 2023 12:35

Tgt Ion: 59 Resp: 3436
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

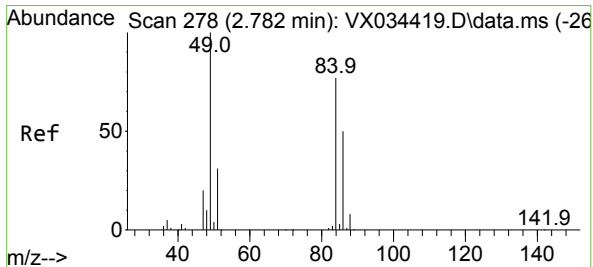
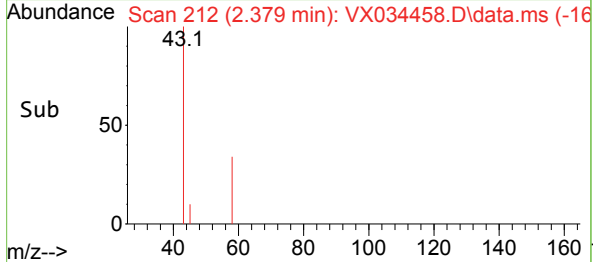
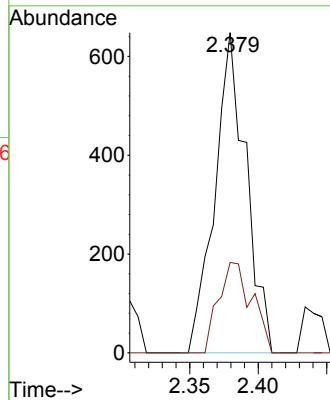
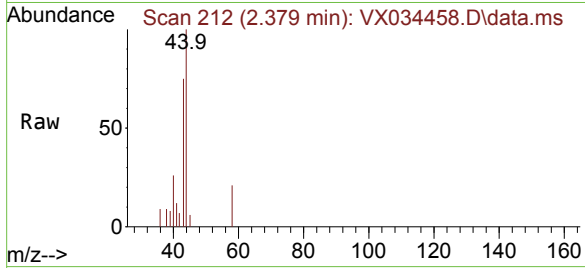




#16
Acetone
Concen: 0.572 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034458.D
Acq: 14 Mar 2023 12:35

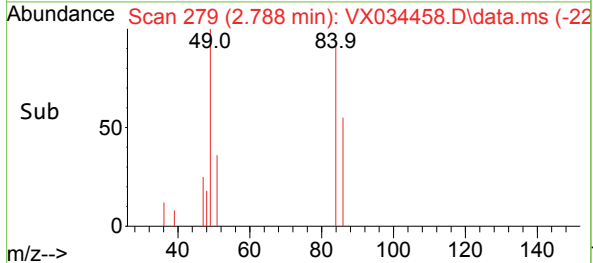
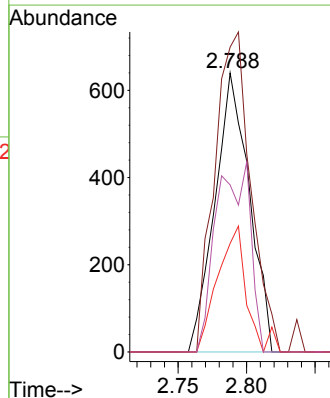
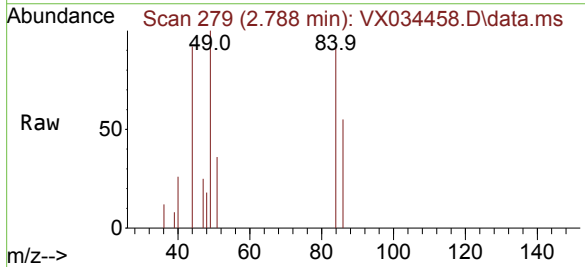
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230308DL

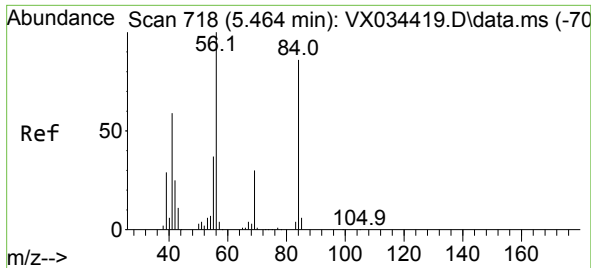
Tgt Ion: 43 Resp: 1028
Ion Ratio Lower Upper
43 100
58 28.2 24.7 37.1



#20
Methylene Chloride
Concen: 0.320 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034458.D
Acq: 14 Mar 2023 12:35

Tgt Ion: 84 Resp: 1118
Ion Ratio Lower Upper
84 100
49 109.2 103.8 155.8
51 38.9 31.8 47.8
86 59.8 51.4 77.2

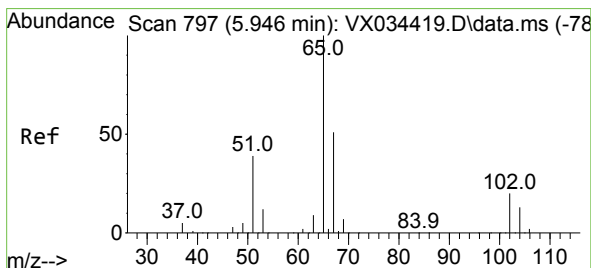
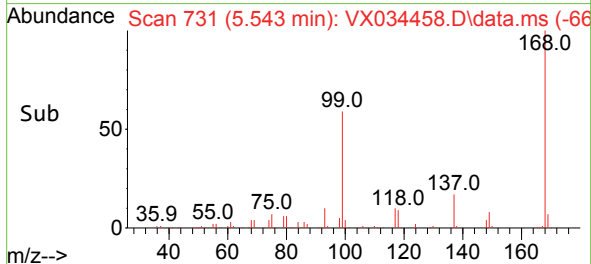
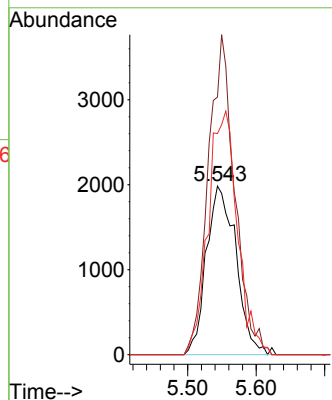
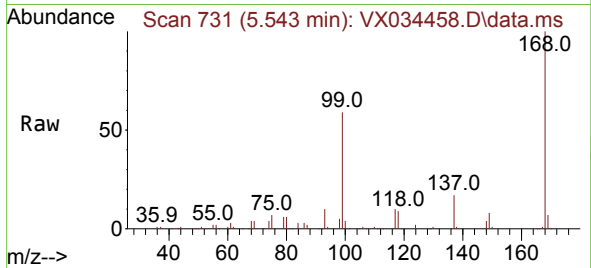




#31
Cyclohexane
Concen: 1.117 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034458.D
Acq: 14 Mar 2023 12:35

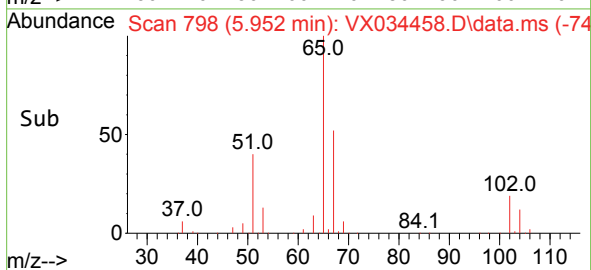
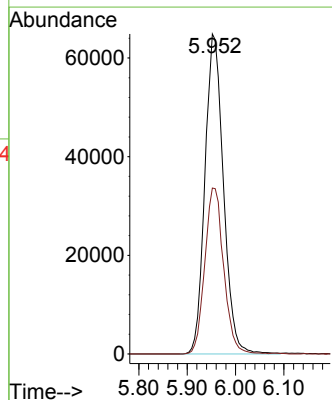
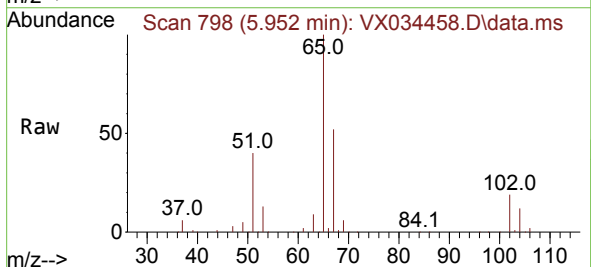
Instrument :
MSVOA_X
ClientSampleId :
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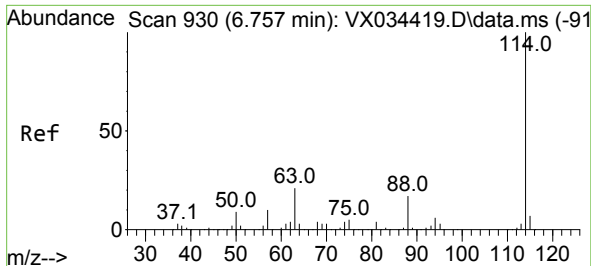
Tgt Ion: 56 Resp: 5980
Ion Ratio Lower Upper
56 100
69 152.7 23.7 35.5#
84 131.1 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 45.164 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034458.D
Acq: 14 Mar 2023 12:35

Tgt Ion: 65 Resp: 172427
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.0

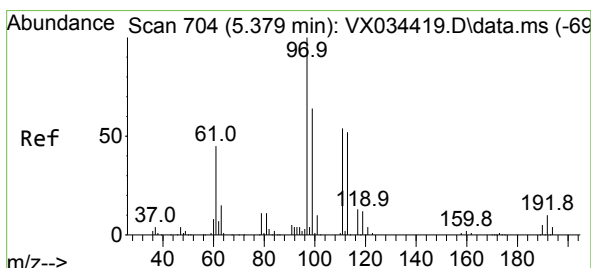
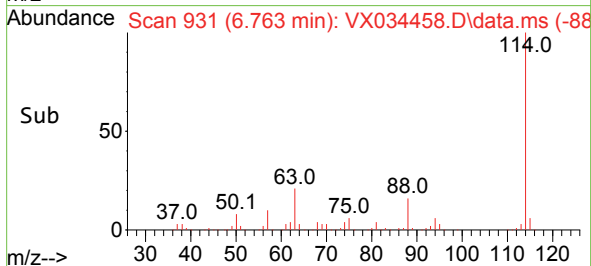
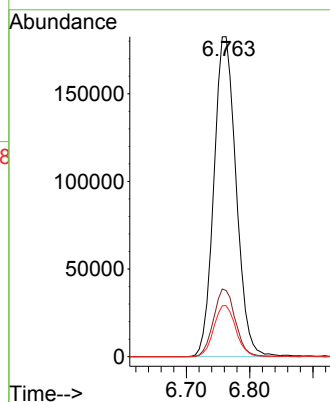
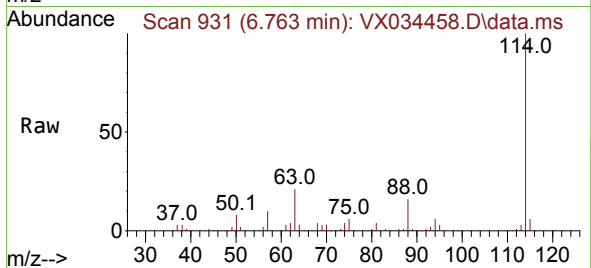




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034458.D
Acq: 14 Mar 2023 12:35

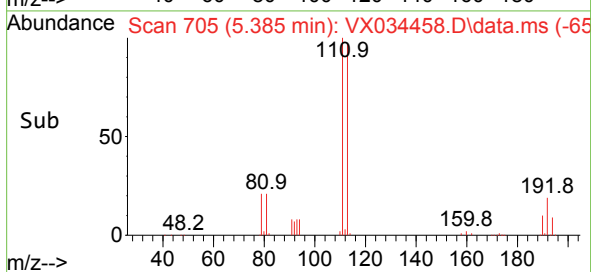
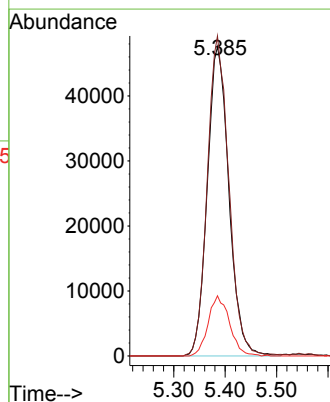
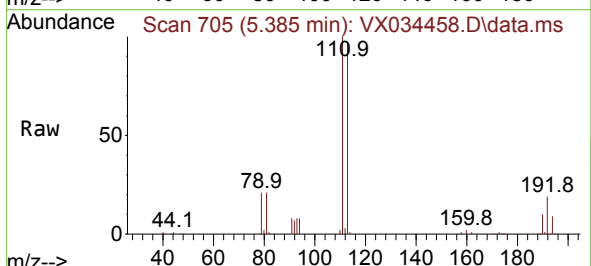
Instrument :
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RE122D2-20230308DL

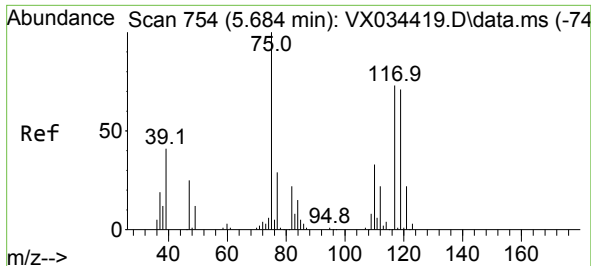
Tgt Ion:114 Resp: 444983
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.2
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.265 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034458.D
Acq: 14 Mar 2023 12:35

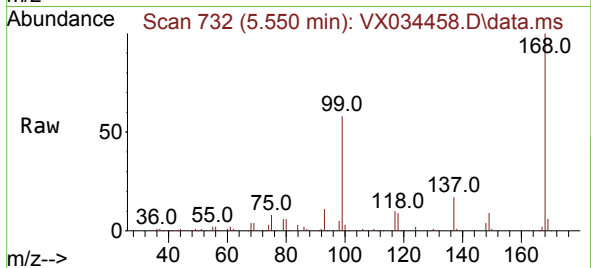
Tgt Ion:113 Resp: 138865
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 19.2 15.4 23.2



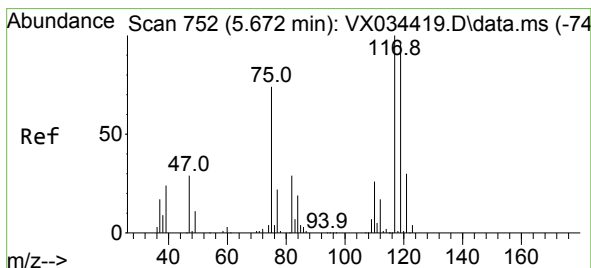
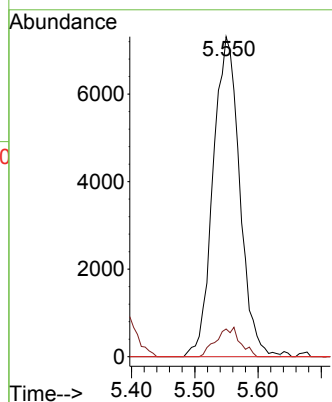
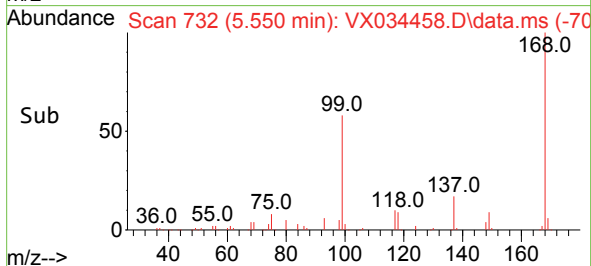


#36
1,1-Dichloropropene
Concen: 4.721 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX034458.D
Acq: 14 Mar 2023 12:35

Instrument :
MSVOA_X
ClientSampleId :
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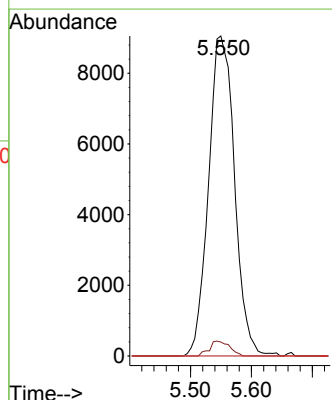
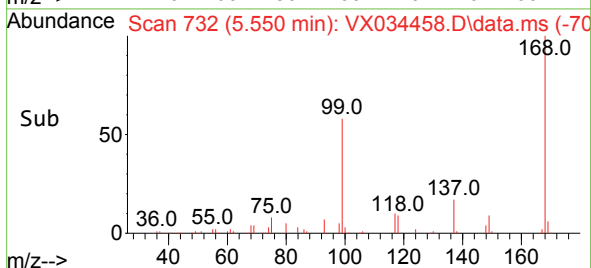
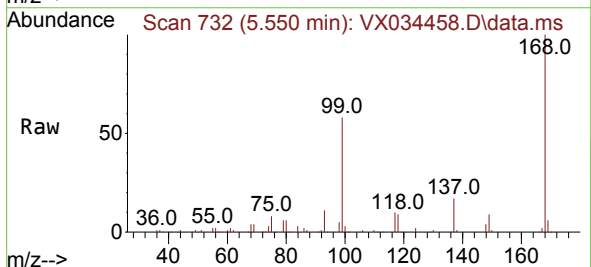


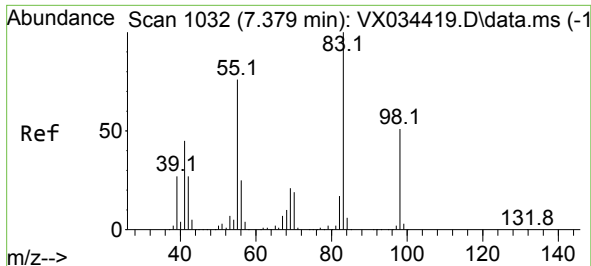
Tgt Ion: 75 Resp: 21305
Ion Ratio Lower Upper
75 100
110 8.3 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.989 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034458.D
Acq: 14 Mar 2023 12:35

Tgt Ion: 117 Resp: 26884
Ion Ratio Lower Upper
117 100
119 4.4 76.6 114.8#
121 0.0 23.8 35.6#





#39

Methylcyclohexane

Concen: 0.273 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.256 min

Lab File: VX034458.D

Acq: 14 Mar 2023 12:35

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20230308DL

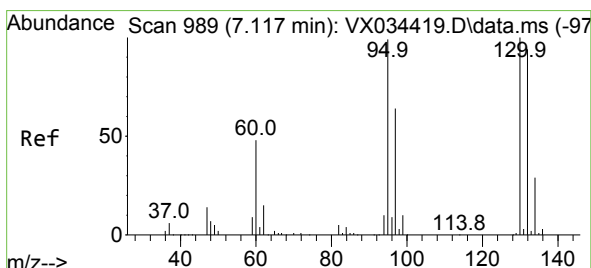
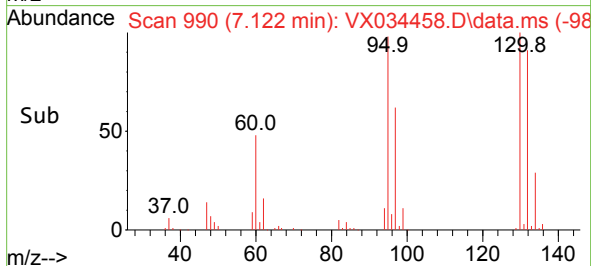
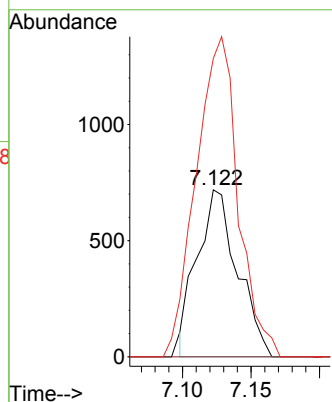
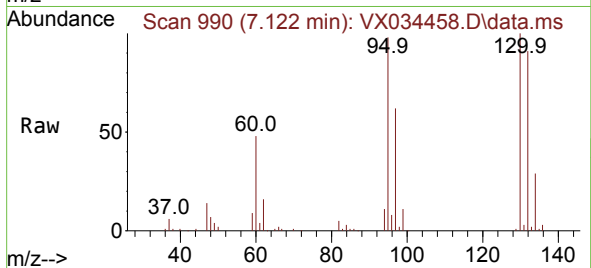
Tgt Ion: 83 Resp: 1472

Ion Ratio Lower Upper

83 100

55 0.0 60.5 90.7#

98 178.6 40.4 60.6#



#44

Trichloroethene

Concen: 37.214 ug/l

RT: 7.122 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX034458.D

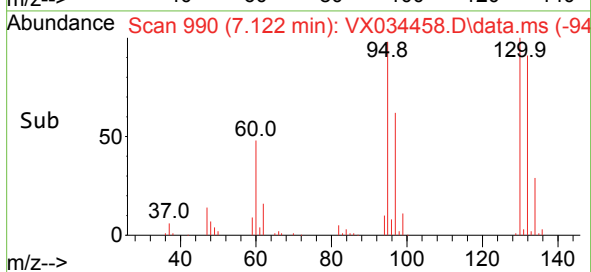
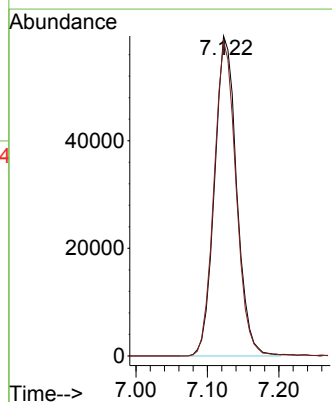
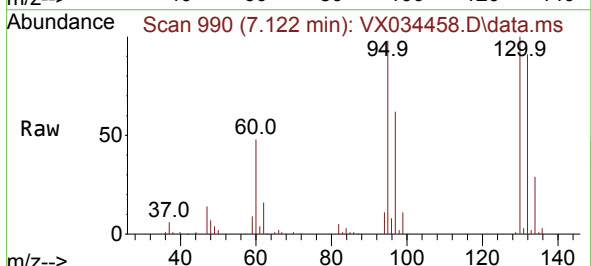
Acq: 14 Mar 2023 12:35

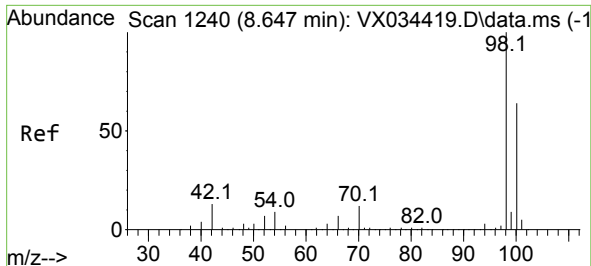
Tgt Ion:130 Resp: 127642

Ion Ratio Lower Upper

130 100

95 98.3 0.0 198.4

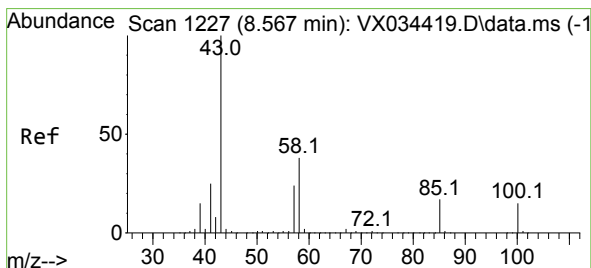
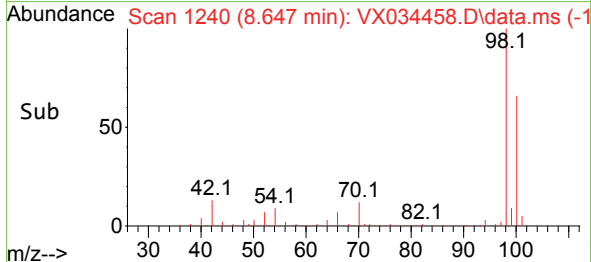
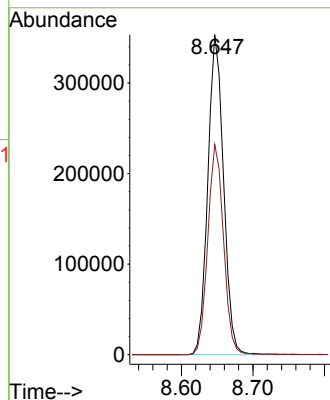
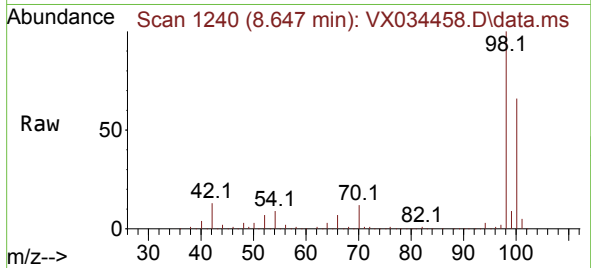




#50
Toluene-d8
Concen: 49.203 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034458.D
Acq: 14 Mar 2023 12:35

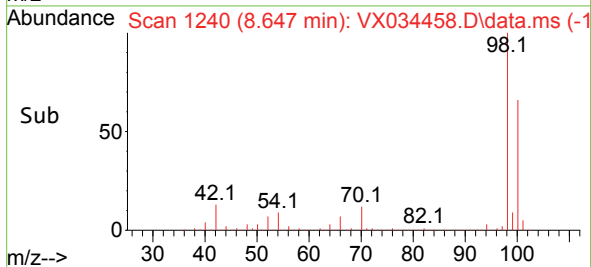
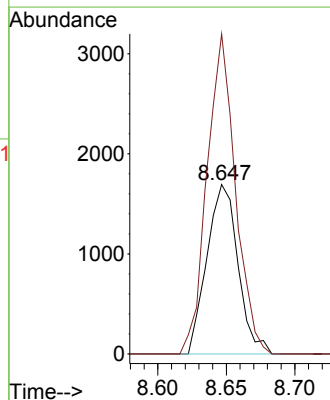
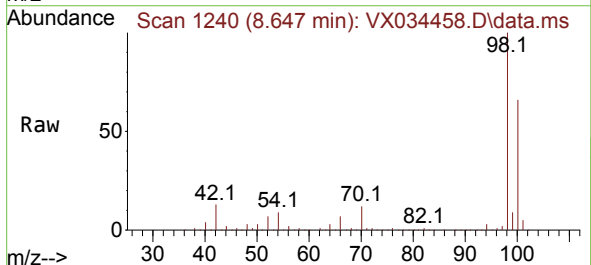
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230308DL

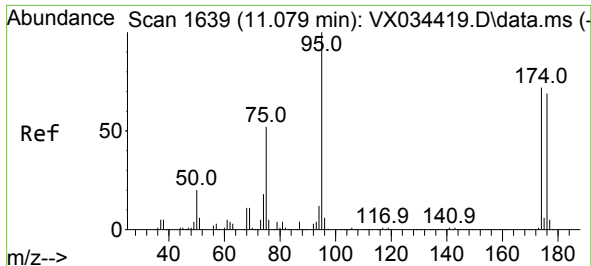
Tgt Ion: 98 Resp: 539641
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.551 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX034458.D
Acq: 14 Mar 2023 12:35

Tgt Ion: 43 Resp: 2670
Ion Ratio Lower Upper
43 100
58 172.7 30.6 46.0#

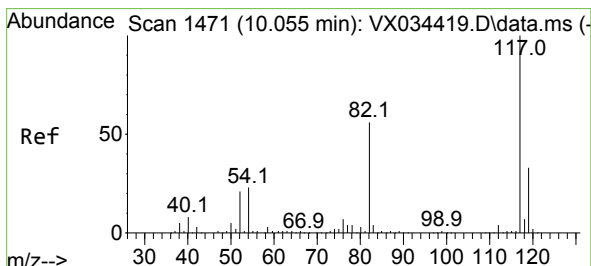
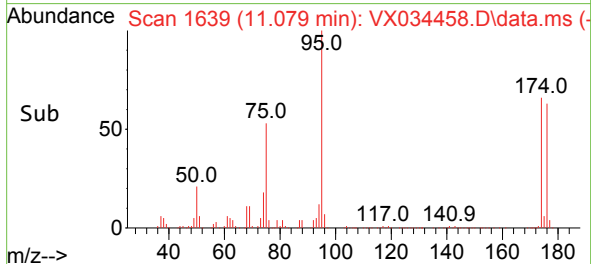
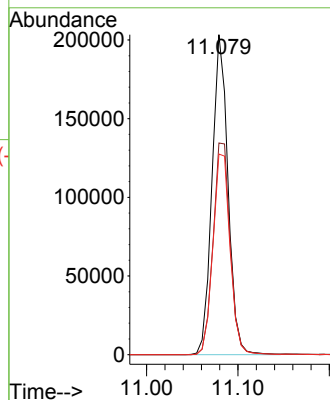
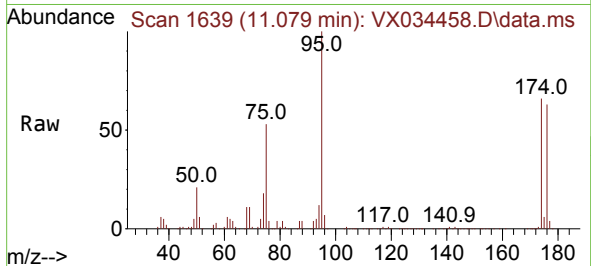




#62
4-Bromofluorobenzene
Concen: 55.593 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034458.D
Acq: 14 Mar 2023 12:35

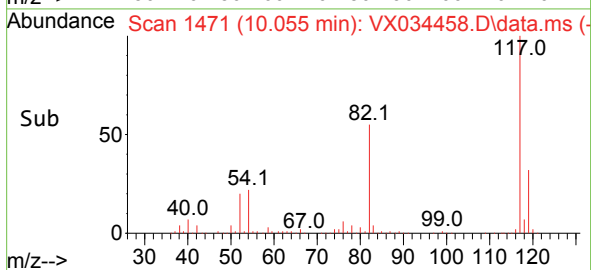
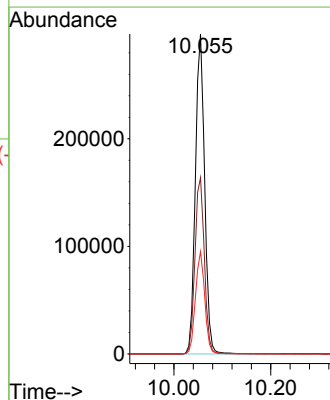
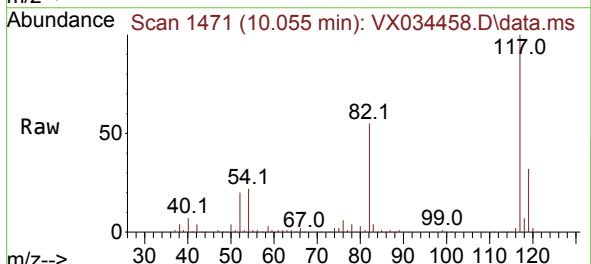
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230308DL

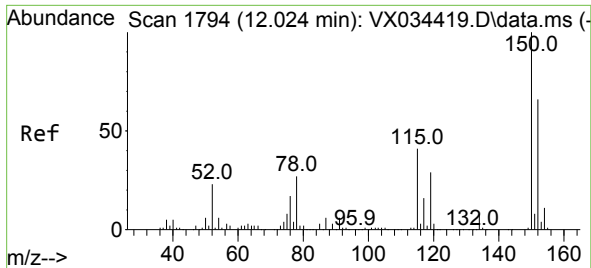
Tgt Ion: 95 Resp: 246284
Ion Ratio Lower Upper
95 100
174 71.2 0.0 147.4
176 67.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034458.D
Acq: 14 Mar 2023 12:35

Tgt Ion: 117 Resp: 395199
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.4
119 32.0 26.0 39.0

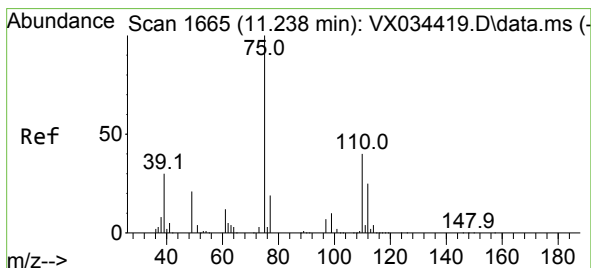
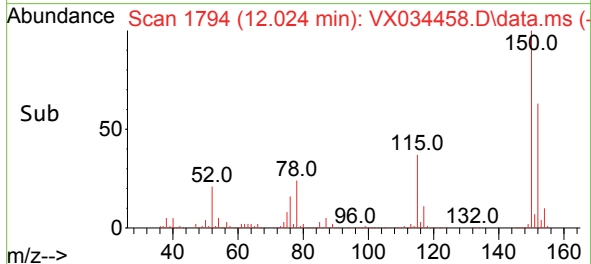
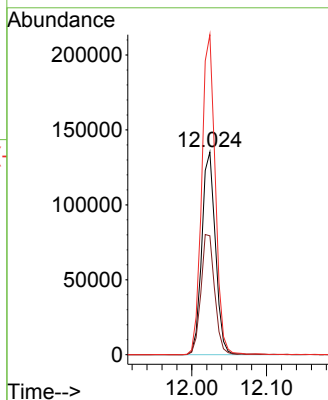
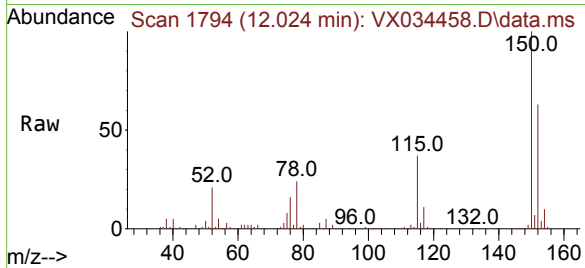




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034458.D
 Acq: 14 Mar 2023 12:35

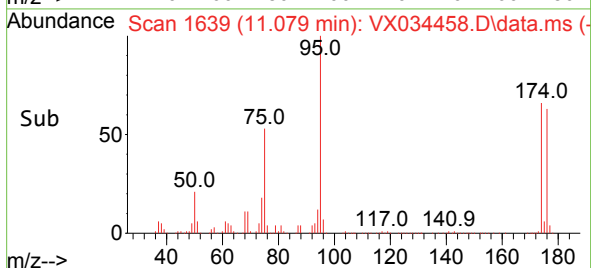
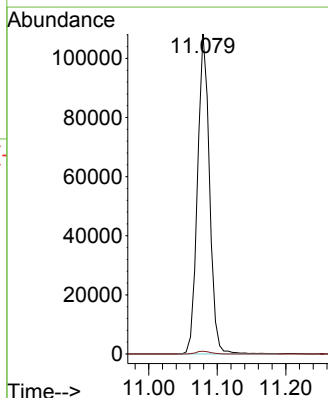
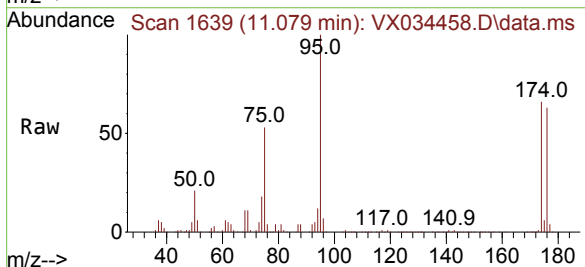
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20230308DL

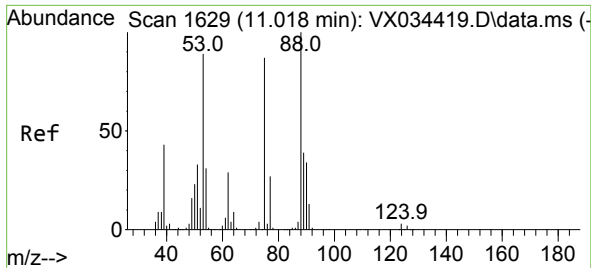
Tgt Ion:152 Resp: 171378
 Ion Ratio Lower Upper
 152 100
 115 59.8 45.0 135.0
 150 156.9 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 33.553 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034458.D
 Acq: 14 Mar 2023 12:35

Tgt Ion: 75 Resp: 132033
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.771 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034458.D
 Acq: 14 Mar 2023 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20230308DL

Tgt Ion: 75 Resp: 132033
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

