

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034436.D
 Acq On : 13 Mar 2023 16:35
 Operator : JC/MD
 Sample : 01879-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20230308

Quant Time: Mar 14 02:26:58 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)

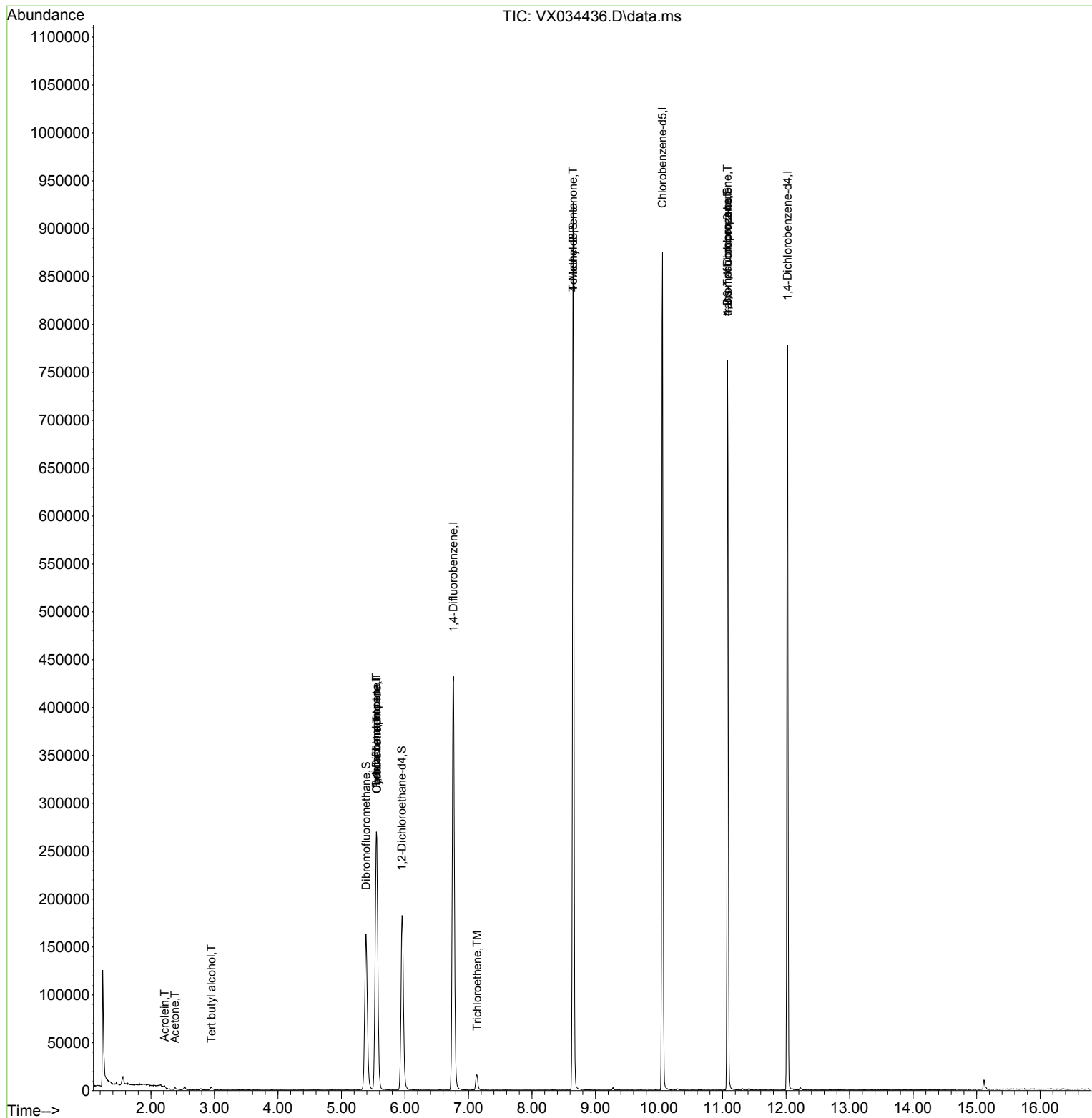
Internal Standards						
1) Pentafluorobenzene	5.550	168	259599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	442893	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	391388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170554	45.160	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.320%
35) Dibromofluoromethane	5.385	113	141041	48.233	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.460%
50) Toluene-d8	8.647	98	536496	49.147	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.300%
62) 4-Bromofluorobenzene	11.079	95	195503	44.339	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.680%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	512	Below Cal	#	42
11) Tert butyl alcohol	2.953	59	2647	3.366	ug/l #	84
13) Acrolein	2.215	56	139	0.223	ug/l #	14
16) Acetone	2.380	43	1909	1.073	ug/l	92
31) Cyclohexane	5.556	56	5815	1.098	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	21565	4.801	ug/l #	50
38) Carbon Tetrachloride	5.556	117	27077	6.060	ug/l #	17
44) Trichloroethene	7.135	130	6618	1.939	ug/l	74
51) 4-Methyl-2-Pentanone	8.647	43	2525	0.524	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	102094	27.274	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	102094	73.785	ug/l #	8

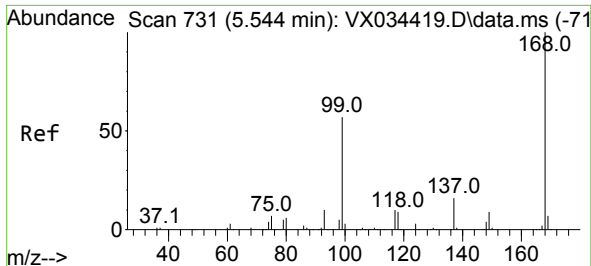
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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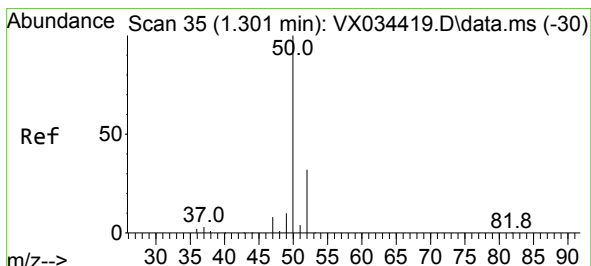
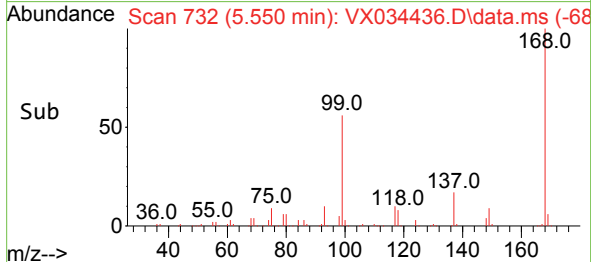
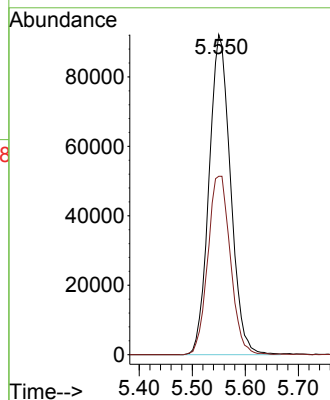
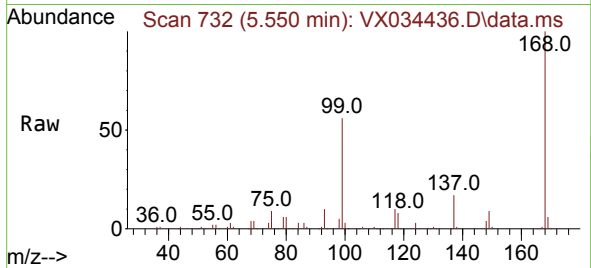




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034436.D
Acq: 13 Mar 2023 16:35

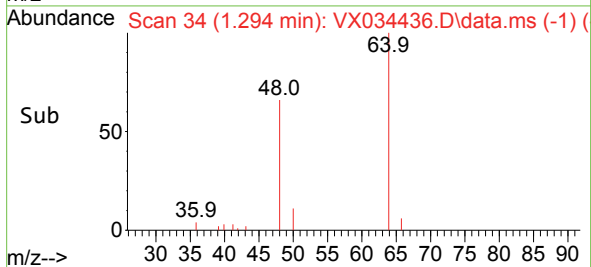
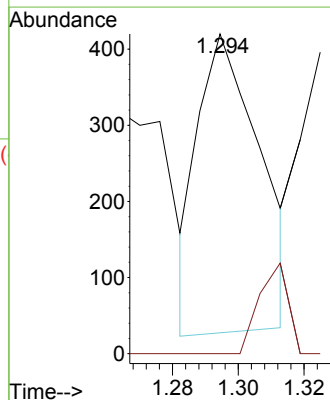
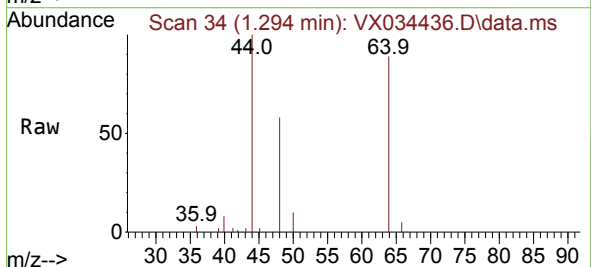
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20230308

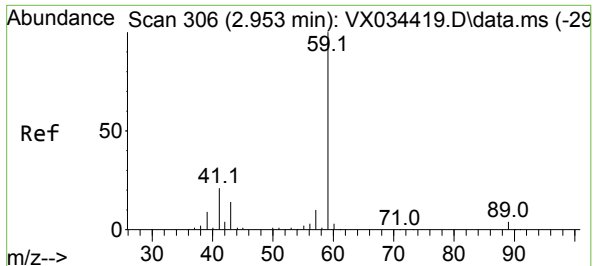
Tgt Ion:168 Resp: 259599
Ion Ratio Lower Upper
168 100
99 55.7 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034436.D
Acq: 13 Mar 2023 16:35

Tgt Ion: 50 Resp: 512
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

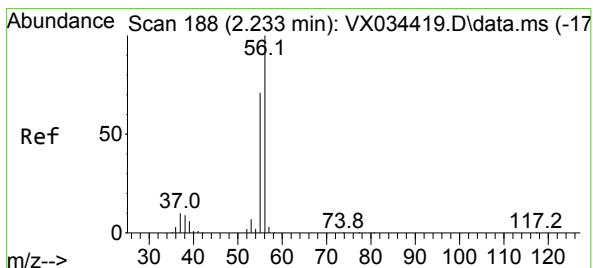
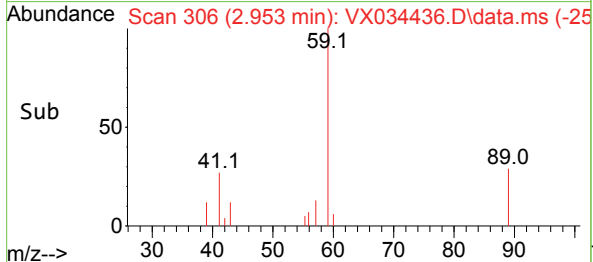
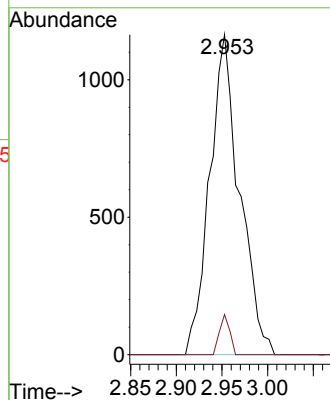
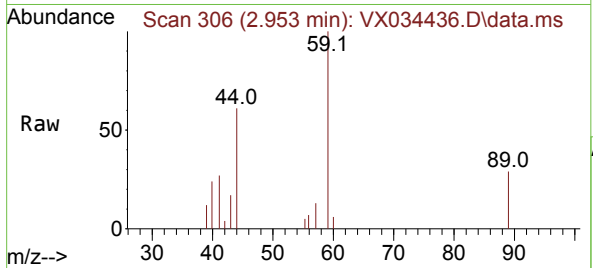




#11
Tert butyl alcohol
Concen: 3.366 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034436.D
Acq: 13 Mar 2023 16:35

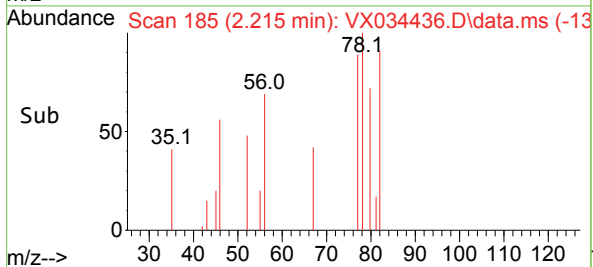
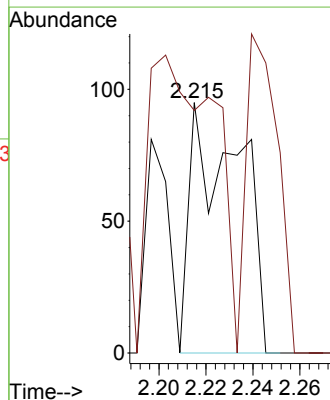
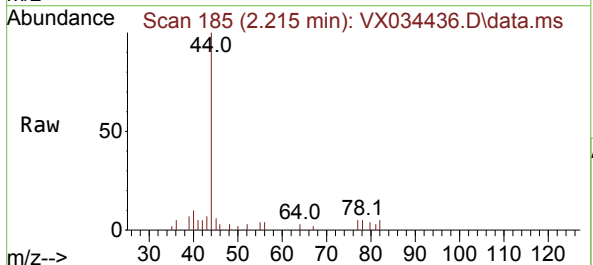
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20230308

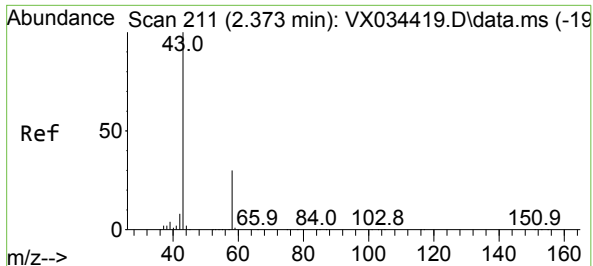
Tgt Ion: 59 Resp: 2647
Ion Ratio Lower Upper
59 100
57 4.3 8.1 12.1#



#13
Acrolein
Concen: 0.223 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.018 min
Lab File: VX034436.D
Acq: 13 Mar 2023 16:35

Tgt Ion: 56 Resp: 139
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#

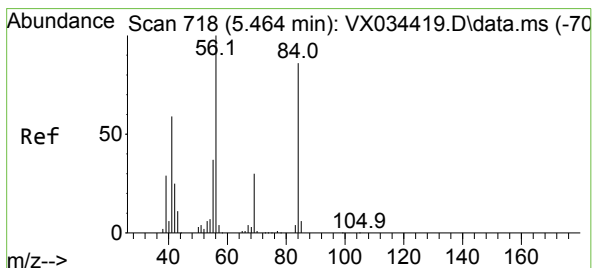
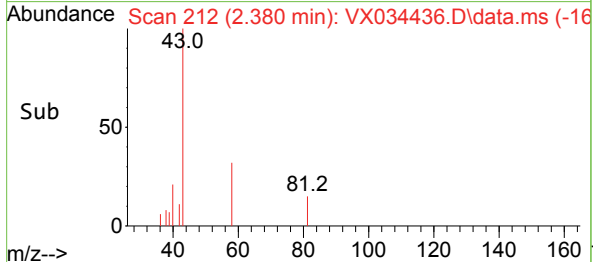
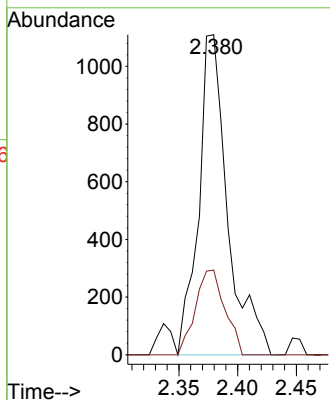
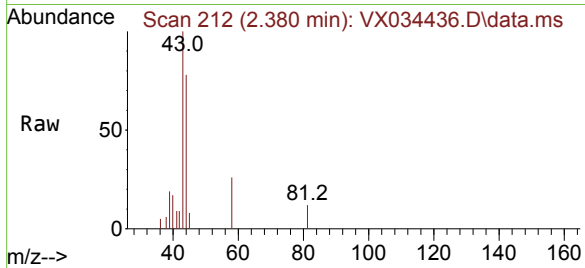




#16
Acetone
Concen: 1.073 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034436.D
Acq: 13 Mar 2023 16:35

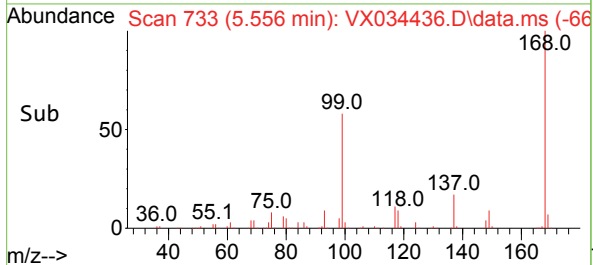
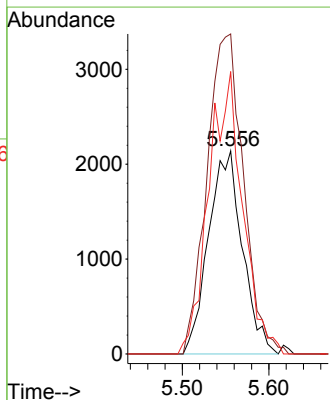
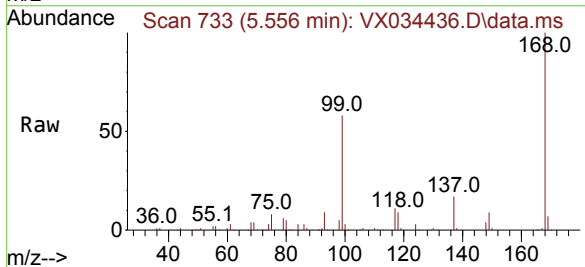
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20230308

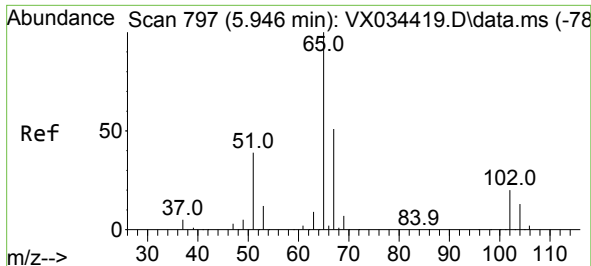
Tgt Ion: 43 Resp: 1909
Ion Ratio Lower Upper
43 100
58 26.5 24.7 37.1



#31
Cyclohexane
Concen: 1.098 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX034436.D
Acq: 13 Mar 2023 16:35

Tgt Ion: 56 Resp: 5815
Ion Ratio Lower Upper
56 100
69 157.6 23.7 35.5#
84 139.1 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 45.160 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034436.D

Acq: 13 Mar 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

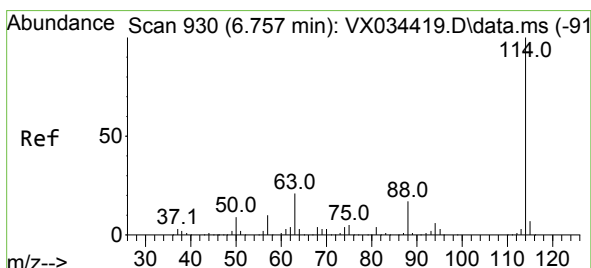
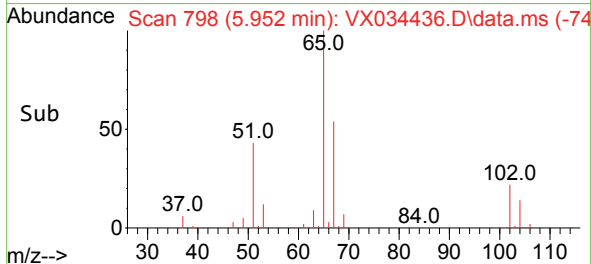
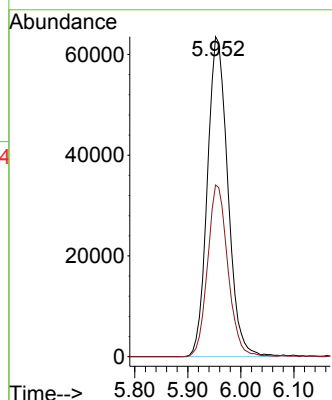
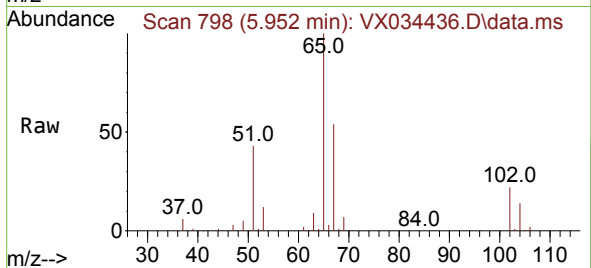
RE122D3-20230308

Tgt Ion: 65 Resp: 170554

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034436.D

Acq: 13 Mar 2023 16:35

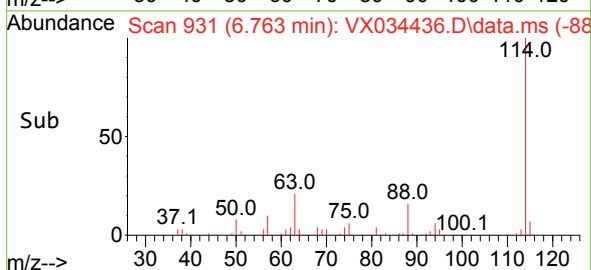
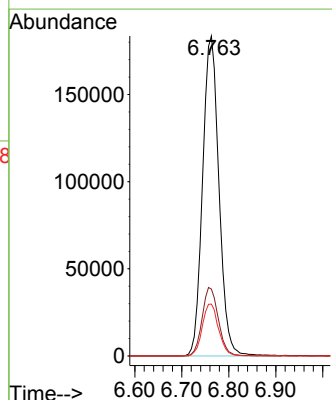
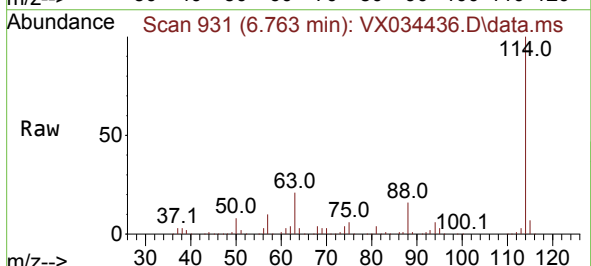
Tgt Ion: 114 Resp: 442893

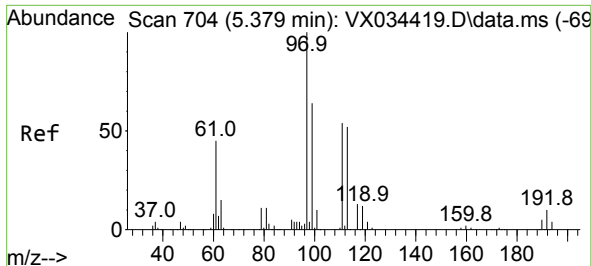
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.2

88 16.2 0.0 33.2

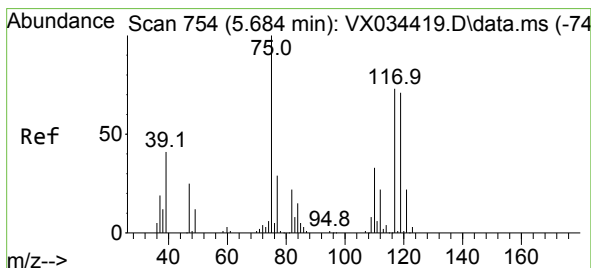
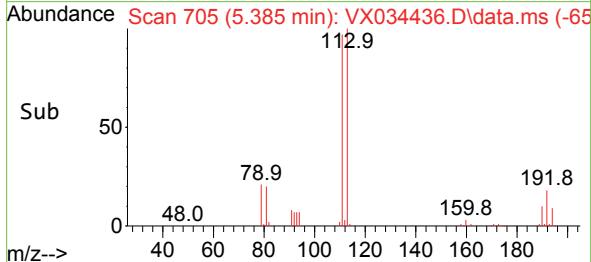
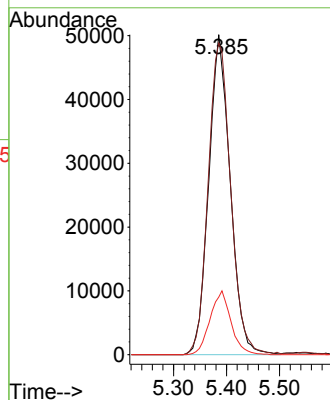
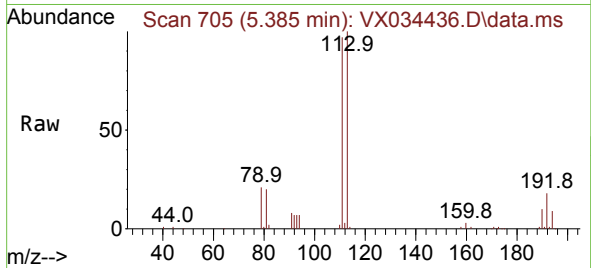




#35
Dibromofluoromethane
Concen: 48.233 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034436.D
Acq: 13 Mar 2023 16:35

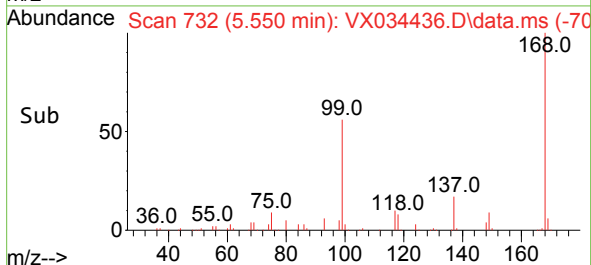
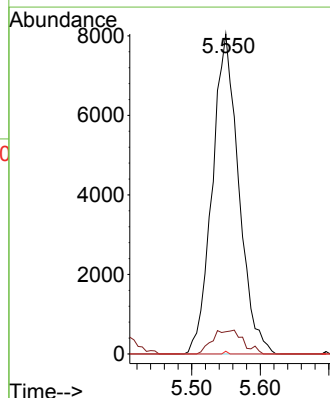
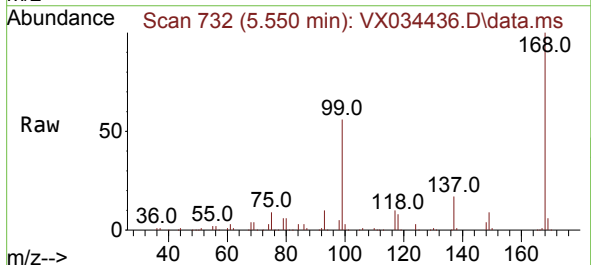
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20230308

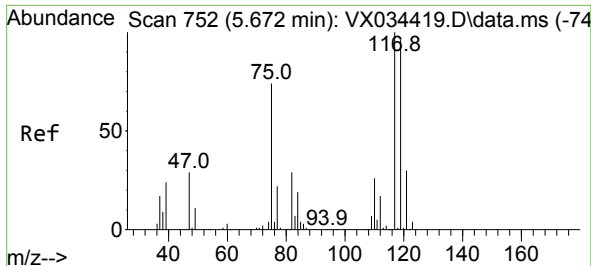
Tgt Ion:113 Resp: 141041
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 19.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.801 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034436.D
Acq: 13 Mar 2023 16:35

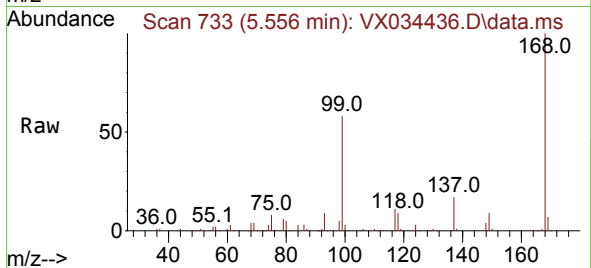
Tgt Ion: 75 Resp: 21565
Ion Ratio Lower Upper
75 100
110 8.7 17.5 52.5#
77 0.1 24.3 36.5#



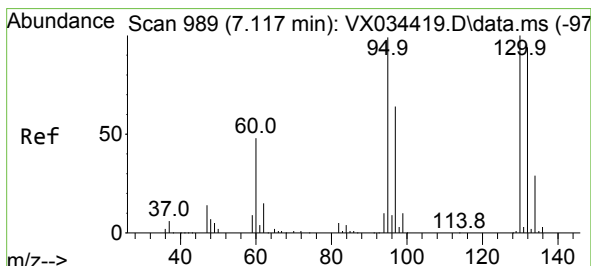
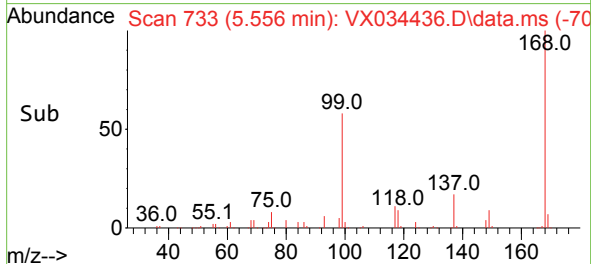
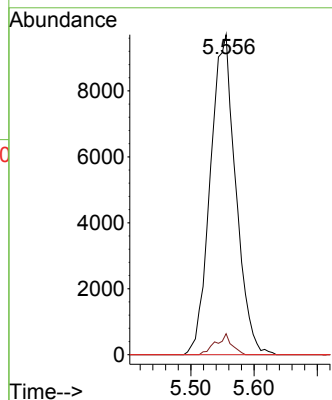


#38
Carbon Tetrachloride
Concen: 6.060 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX034436.D
Acq: 13 Mar 2023 16:35

Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20230308

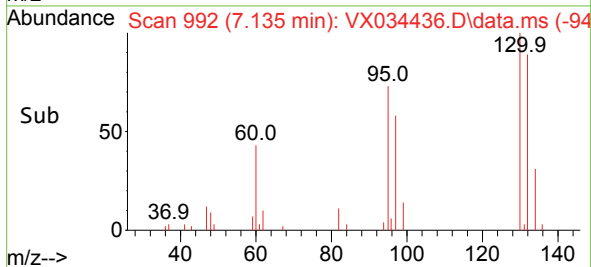
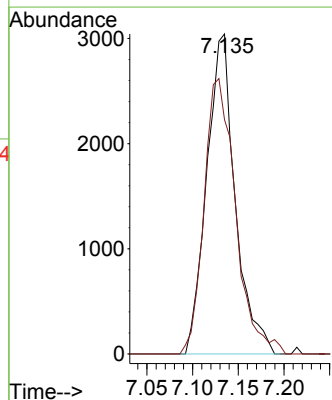
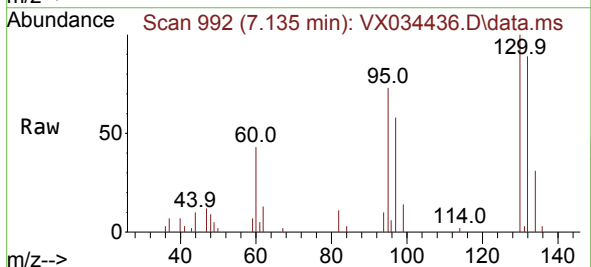


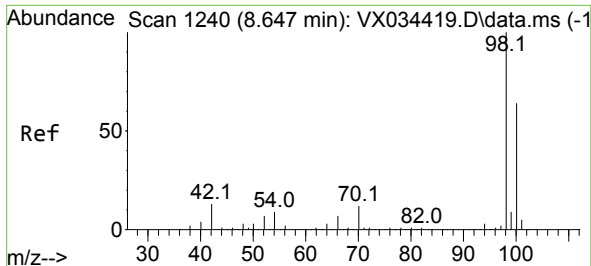
Tgt Ion:117 Resp: 27077
Ion Ratio Lower Upper
117 100
119 6.5 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 1.939 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.018 min
Lab File: VX034436.D
Acq: 13 Mar 2023 16:35

Tgt Ion:130 Resp: 6618
Ion Ratio Lower Upper
130 100
95 73.2 0.0 198.4

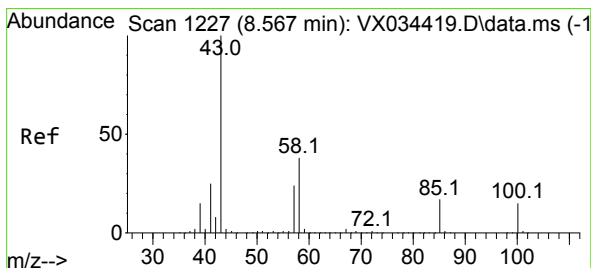
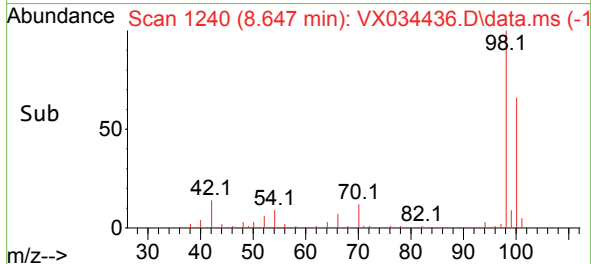
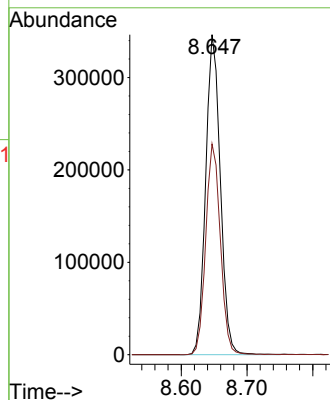
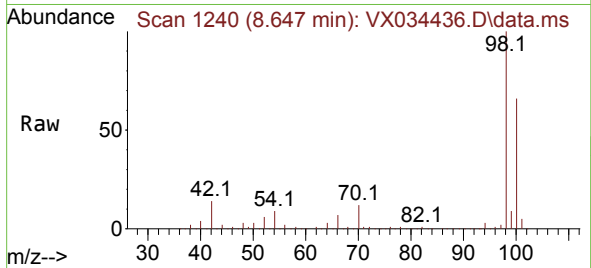




#50
Toluene-d8
Concen: 49.147 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034436.D
Acq: 13 Mar 2023 16:35

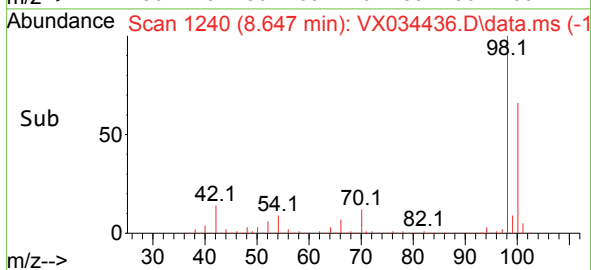
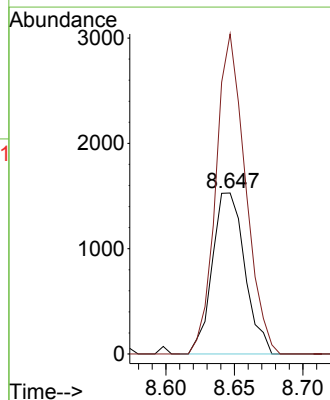
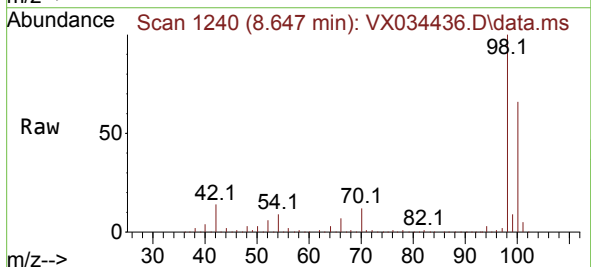
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20230308

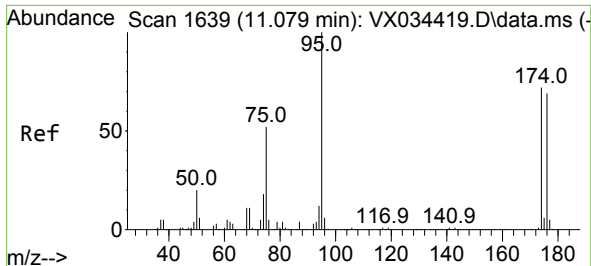
Tgt Ion: 98 Resp: 536496
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.524 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX034436.D
Acq: 13 Mar 2023 16:35

Tgt Ion: 43 Resp: 2525
Ion Ratio Lower Upper
43 100
58 180.8 30.6 46.0#

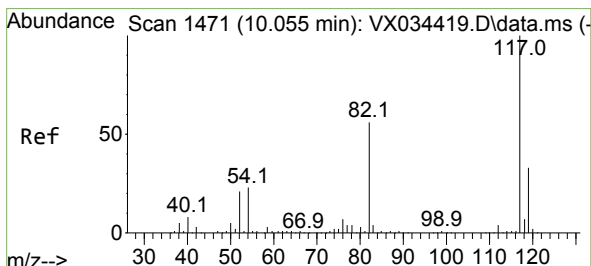
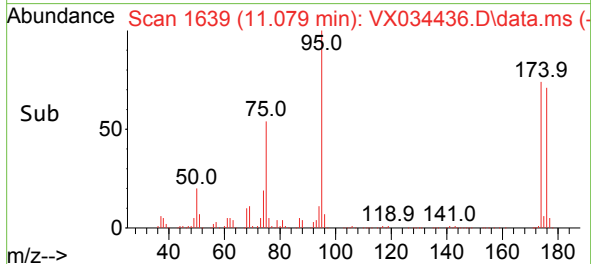
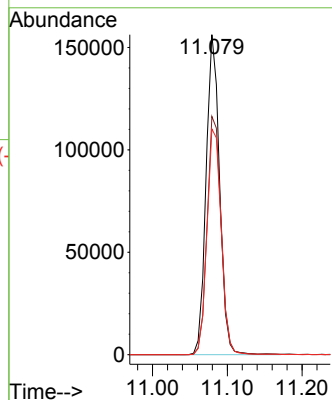
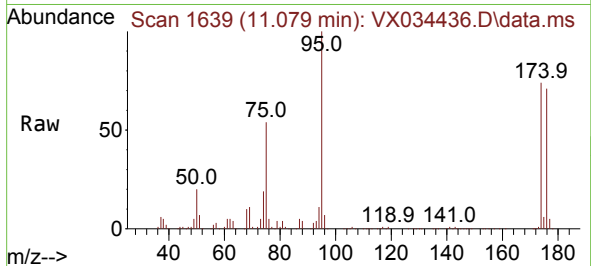




#62
4-Bromofluorobenzene
Concen: 44.339 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034436.D
Acq: 13 Mar 2023 16:35

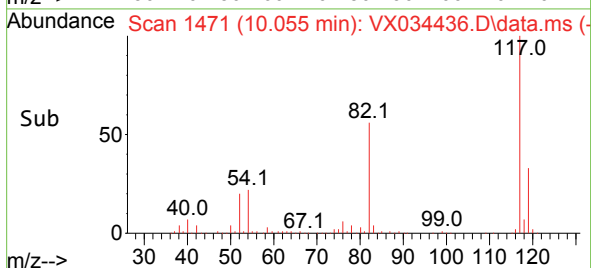
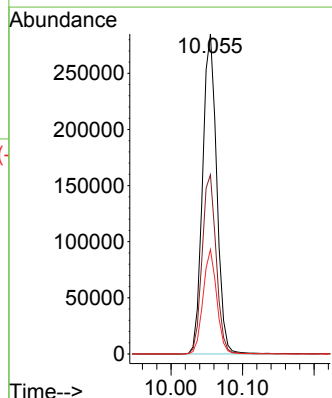
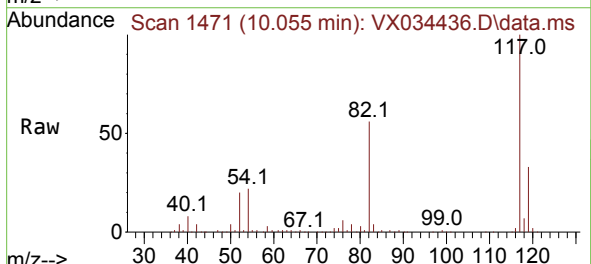
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20230308

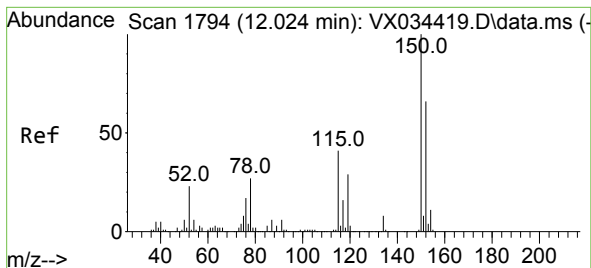
Tgt Ion: 95 Resp: 195503
Ion Ratio Lower Upper
95 100
174 77.6 0.0 147.4
176 74.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034436.D
Acq: 13 Mar 2023 16:35

Tgt Ion: 117 Resp: 391388
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 32.6 26.0 39.0

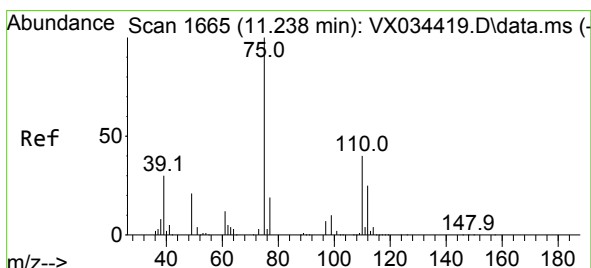
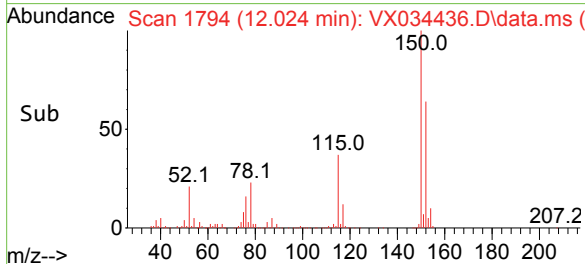
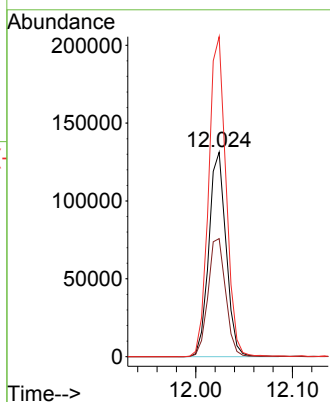
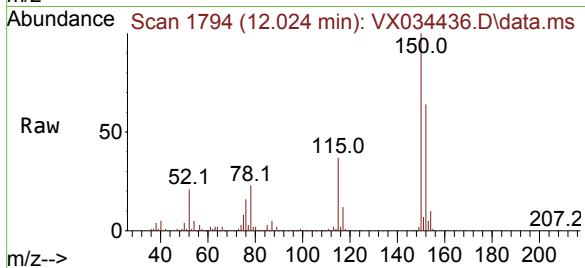




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX034436.D
 Acq: 13 Mar 2023 16:35

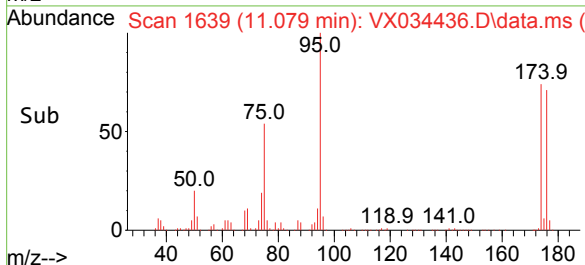
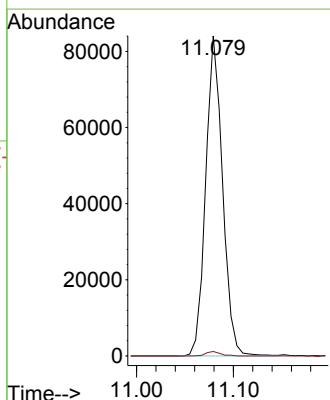
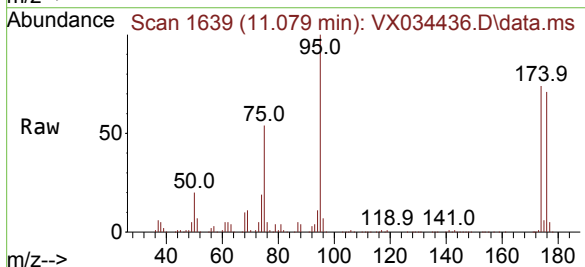
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20230308

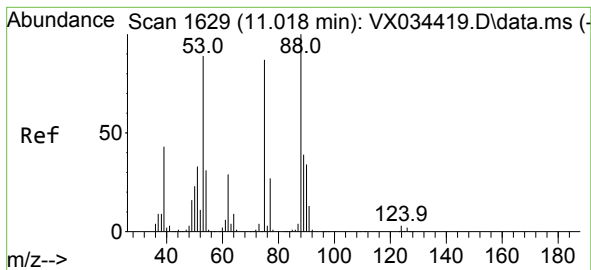
Tgt Ion:152 Resp: 163025
 Ion Ratio Lower Upper
 152 100
 115 59.4 45.0 135.0
 150 158.0 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 27.274 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034436.D
 Acq: 13 Mar 2023 16:35

Tgt Ion: 75 Resp: 102094
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.785 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX034436.D
 Acq: 13 Mar 2023 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20230308

Tgt Ion: 75 Resp: 102094
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

