

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034431.D
 Acq On : 13 Mar 2023 14:37
 Operator : JC/MD
 Sample : 01879-06 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20230308

Quant Time: Mar 14 02:25:11 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)

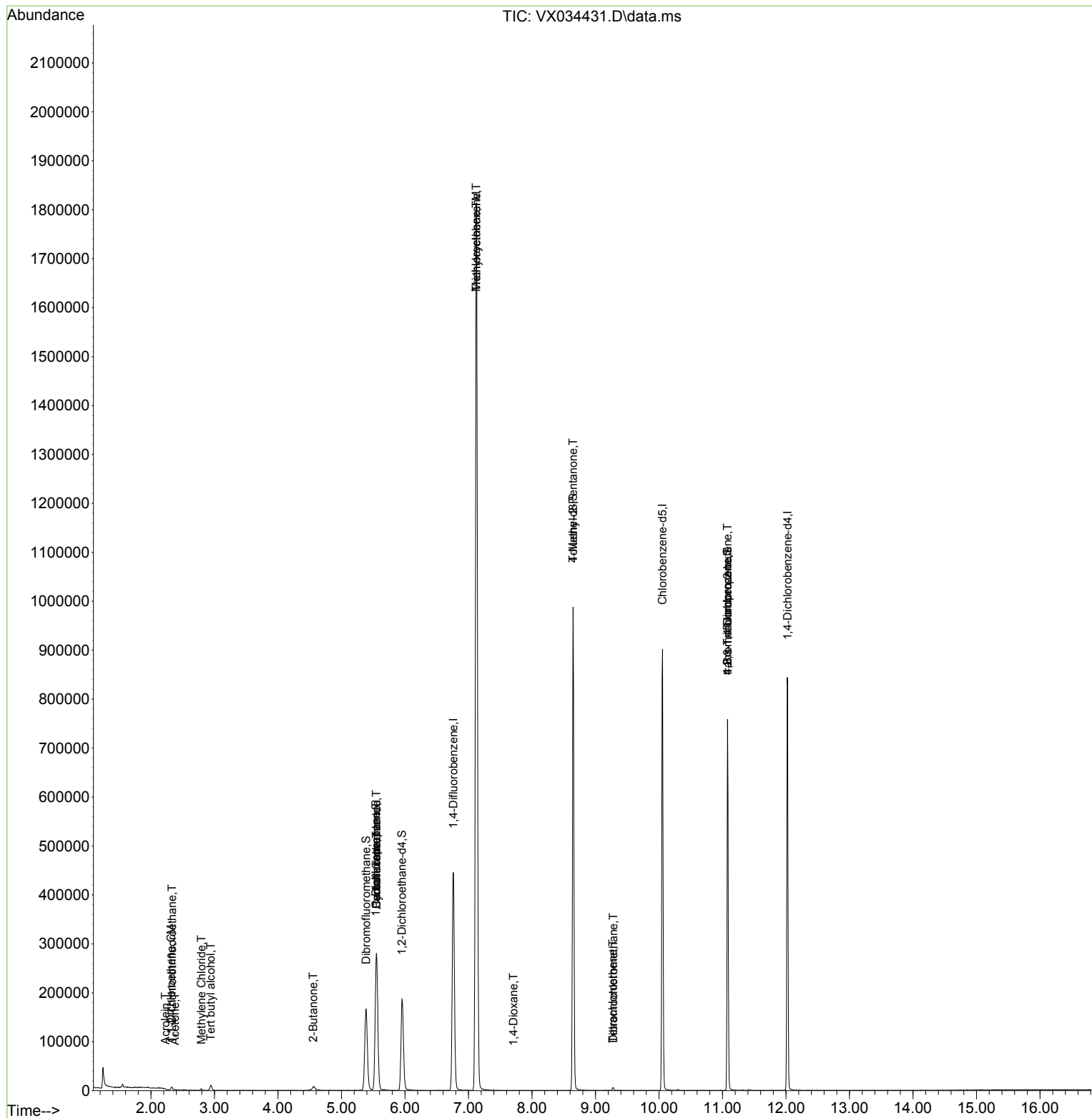
Internal Standards						
1) Pentafluorobenzene	5.550	168	270930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	463775	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	177378	45.003	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.000%
35) Dibromofluoromethane	5.385	113	145819	47.621	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.240%
50) Toluene-d8	8.647	98	551663	48.261	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.079	95	189811	41.110	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.220%#
Target Compounds						Qvalue
3) Chloromethane	1.295	50	500	Below Cal	#	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	1913	0.635	ug/l	96
11) Tert butyl alcohol	2.941	59	6293	7.667	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	603	0.203	ug/l #	85
13) Acrolein	2.227	56	131	0.202	ug/l #	1
16) Acetone	2.380	43	1240	0.668	ug/l #	77
20) Methylene Chloride	2.794	84	1217	0.338	ug/l #	86
25) 2-Butanone	4.556	43	619	0.233	ug/l #	51
31) Cyclohexane	5.550	56	6195	1.121	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	21606	4.594	ug/l #	50
38) Carbon Tetrachloride	5.550	117	27090	5.790	ug/l #	16
39) Methylcyclohexane	7.123	83	8480	1.507	ug/l #	1
44) Trichloroethene	7.123	130	700686	196.007	ug/l	100
49) 1,4-Dioxane	7.708	88	18	0.205	ug/l #	2
51) 4-Methyl-2-Pentanone	8.647	43	2642	0.523	ug/l #	1
60) Dibromochloromethane	9.281	129	766	0.216	ug/l #	10
64) Tetrachloroethene	9.275	164	761	0.282	ug/l #	84
76) 1,2,3-Trichloropropane	11.079	75	98501	24.865	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	98501	67.269	ug/l #	8

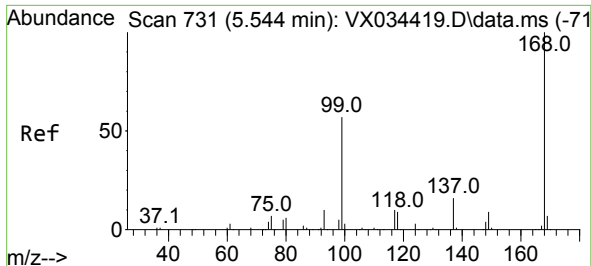
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE122D2-20230308

Quant Time: Mar 14 02:25:11 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

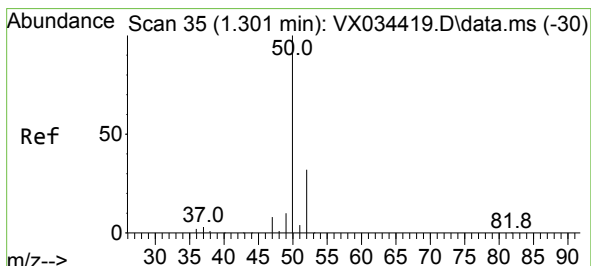
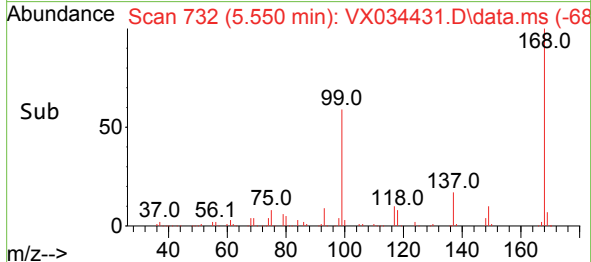
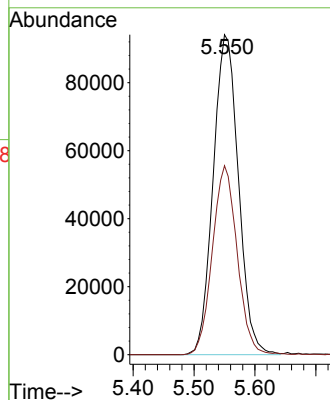
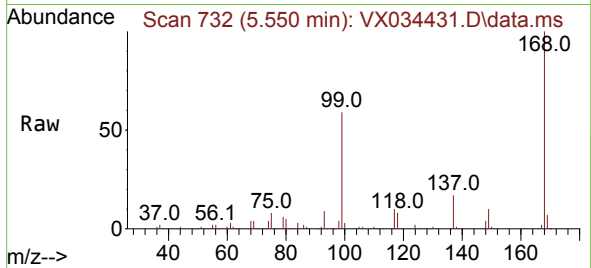




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

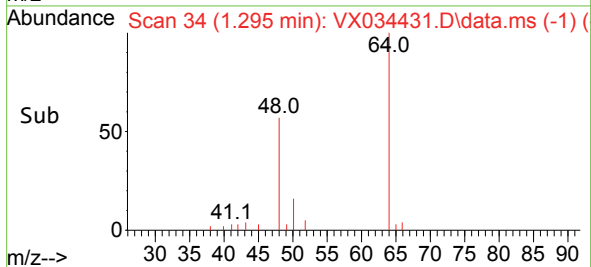
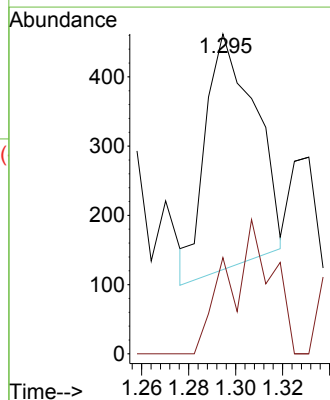
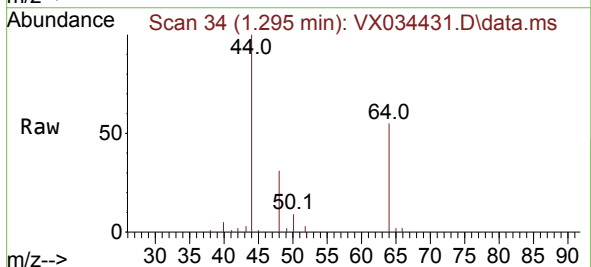
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230308

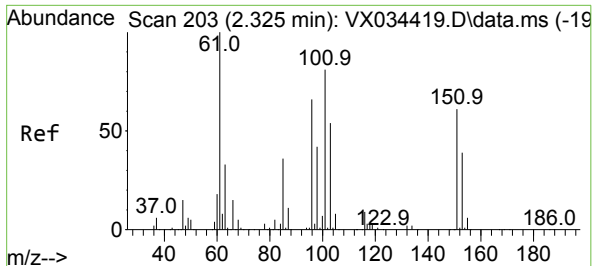
Tgt Ion:168 Resp: 270930
Ion Ratio Lower Upper
168 100
99 59.0 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

Tgt Ion: 50 Resp: 500
Ion Ratio Lower Upper
50 100
52 44.8 25.9 38.9#

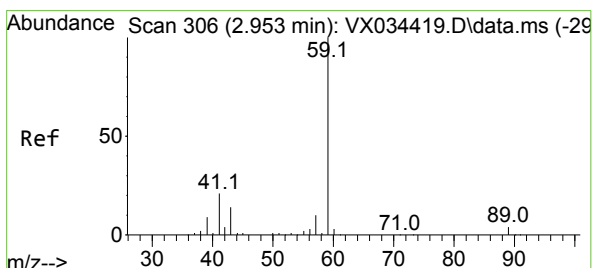
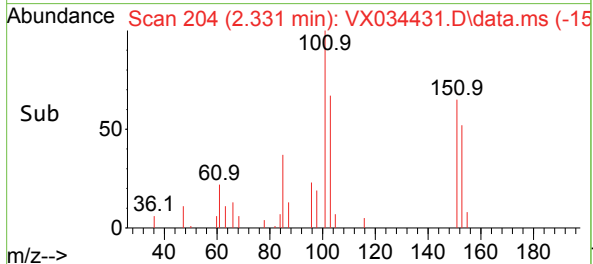
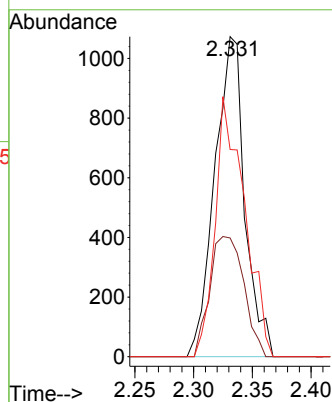
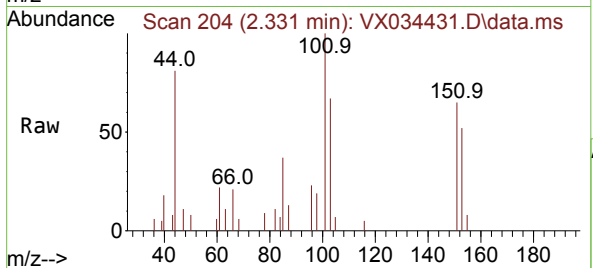




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.635 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

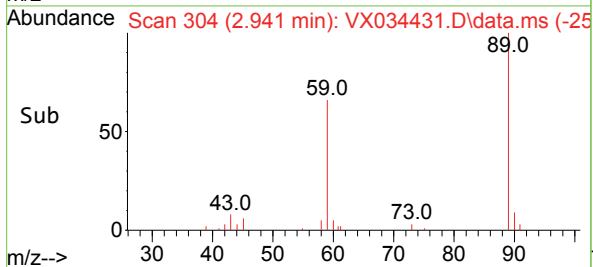
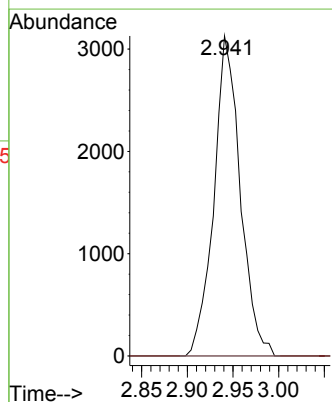
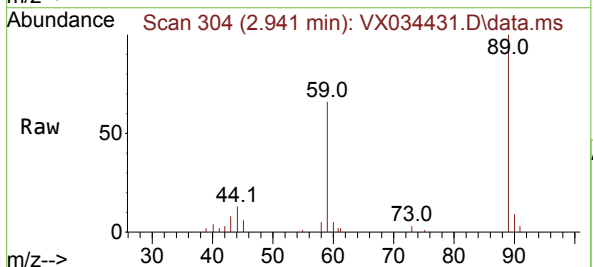
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230308

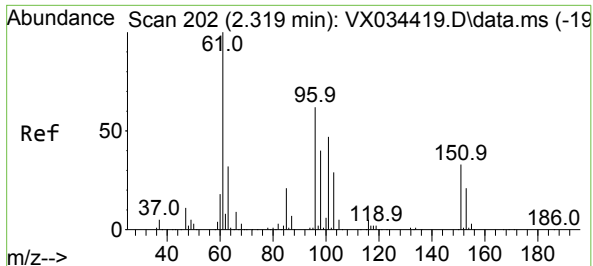
Tgt Ion:101 Resp: 1913
Ion Ratio Lower Upper
101 100
85 42.6 35.4 53.2
151 79.2 60.2 90.4



#11
Tert butyl alcohol
Concen: 7.667 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

Tgt Ion: 59 Resp: 6293
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#12

1,1-Dichloroethene

Concen: 0.203 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX034431.D

Acq: 13 Mar 2023 14:37

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20230308

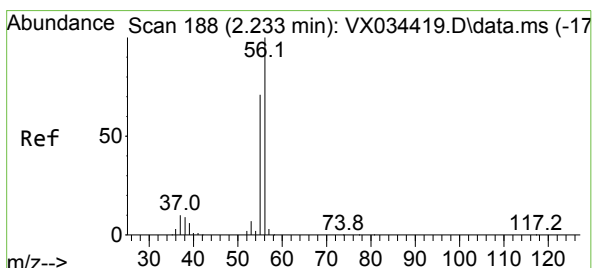
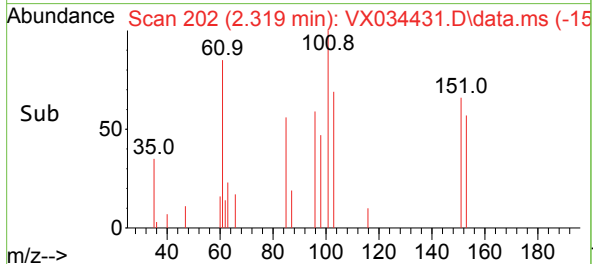
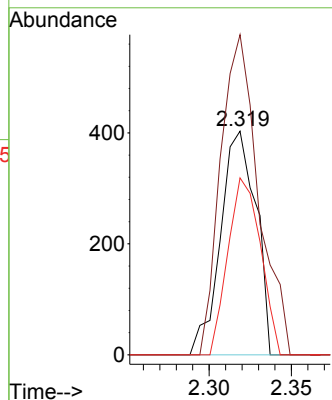
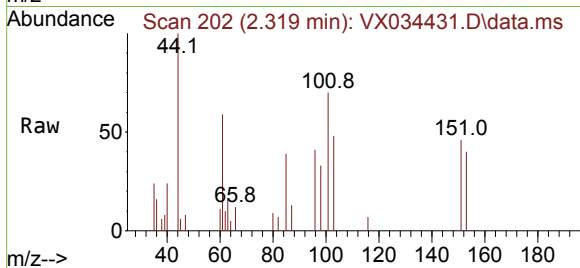
Tgt Ion: 96 Resp: 603

Ion Ratio Lower Upper

96 100

61 143.2 128.8 193.2

98 79.2 51.4 77.0#



#13

Acrolein

Concen: 0.202 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.006 min

Lab File: VX034431.D

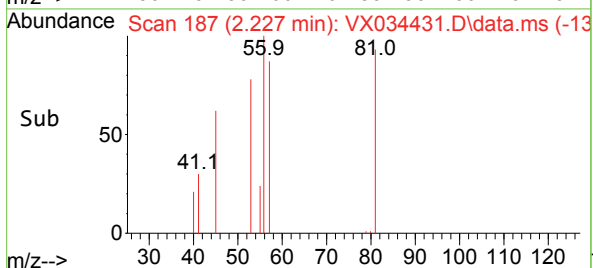
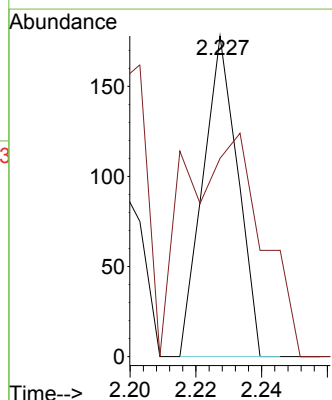
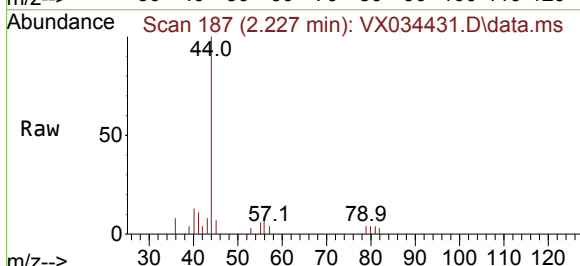
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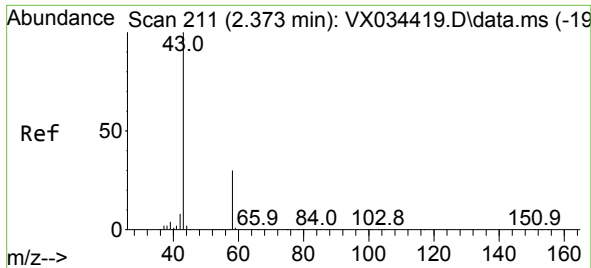
Tgt Ion: 56 Resp: 131

Ion Ratio Lower Upper

56 100

55 154.2 56.6 85.0#

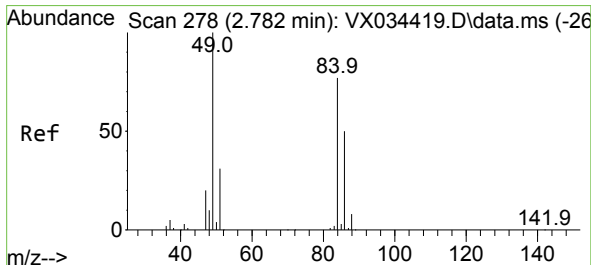
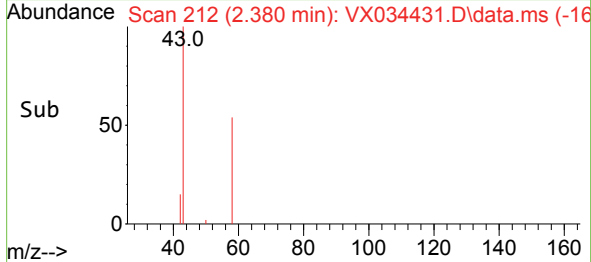
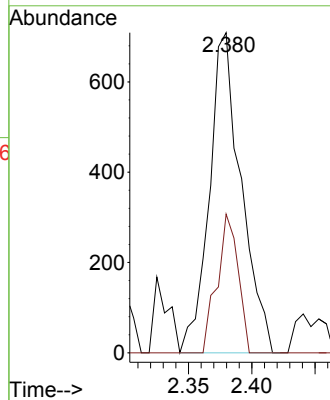
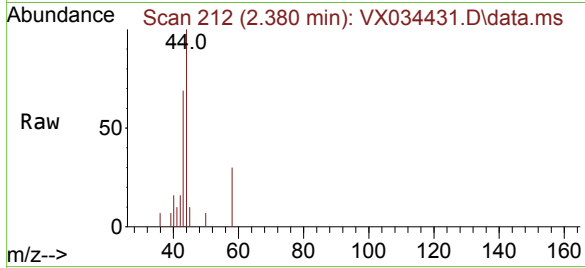




#16
Acetone
Concen: 0.668 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

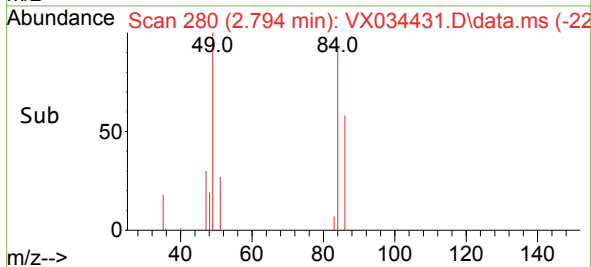
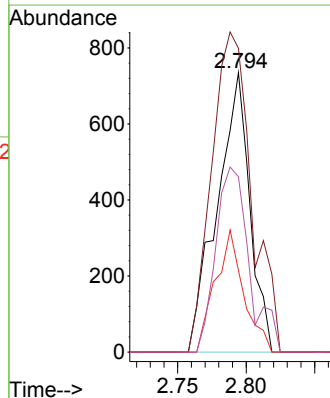
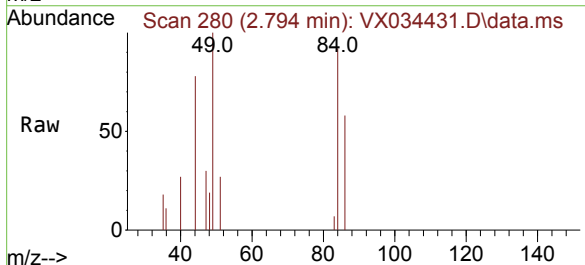
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230308

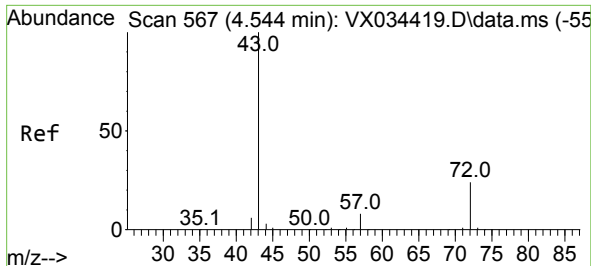
Tgt Ion: 43 Resp: 1240
Ion Ratio Lower Upper
43 100
58 43.3 24.7 37.1#



#20
Methylene Chloride
Concen: 0.338 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

Tgt Ion: 84 Resp: 1217
Ion Ratio Lower Upper
84 100
49 108.7 103.8 155.8
51 29.3 31.8 47.8#
86 62.7 51.4 77.2

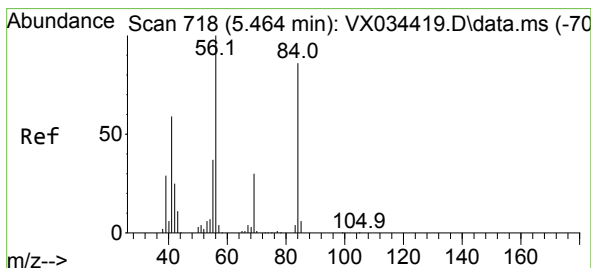
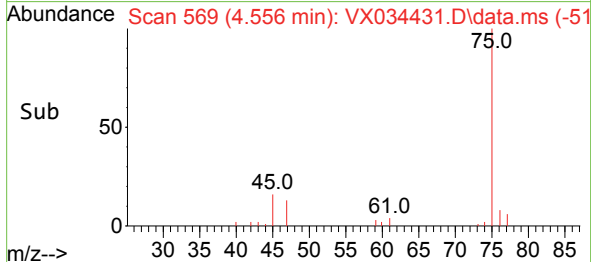
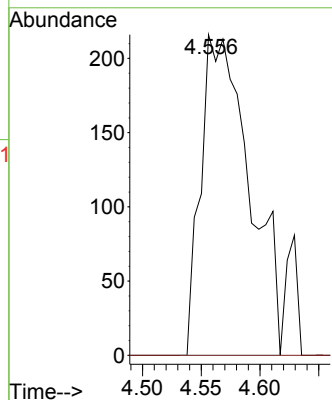
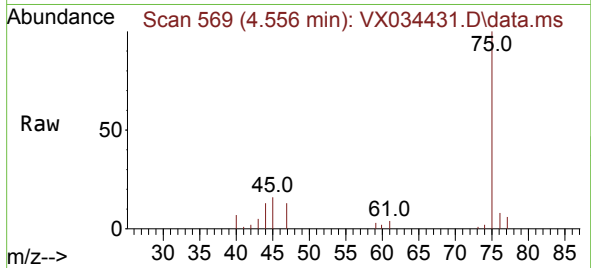




#25
2-Butanone
Concen: 0.233 ug/l
RT: 4.556 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

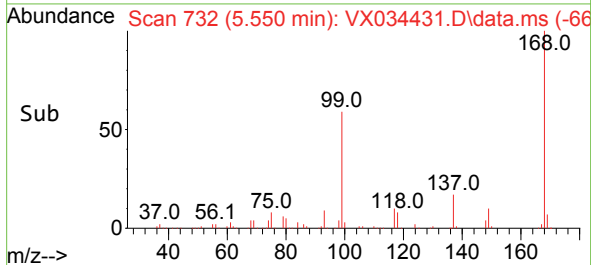
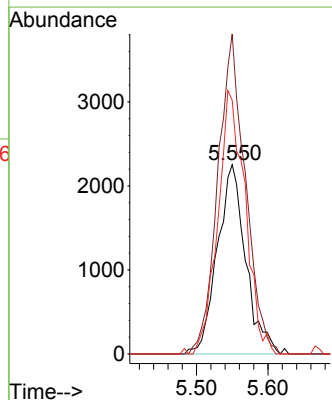
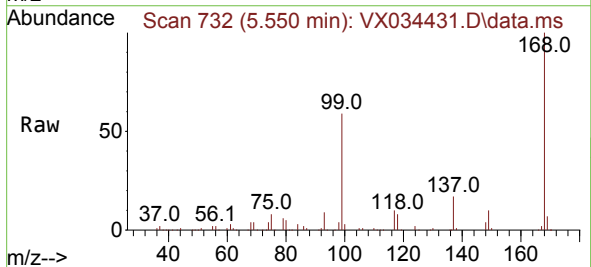
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ClientSampleId :
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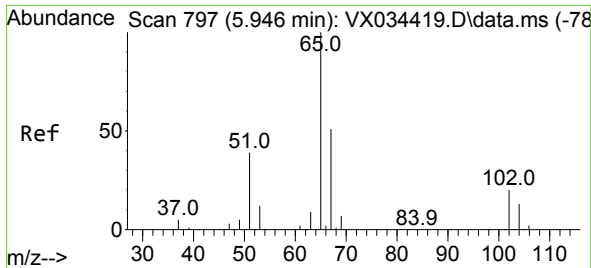
Tgt Ion: 43 Resp: 619
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#



#31
Cyclohexane
Concen: 1.121 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

Tgt Ion: 56 Resp: 6195
Ion Ratio Lower Upper
56 100
69 169.1 23.7 35.5#
84 134.0 68.5 102.7#

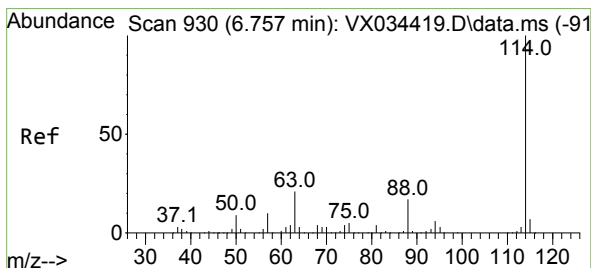
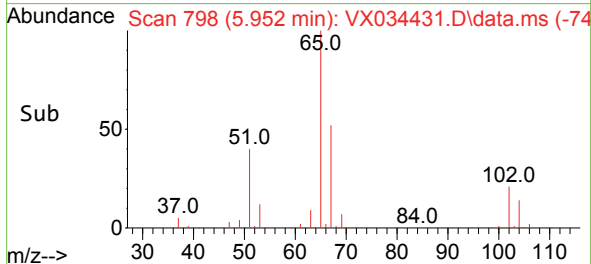
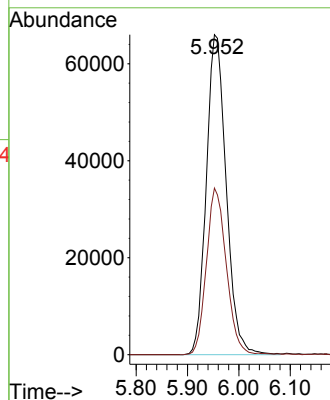
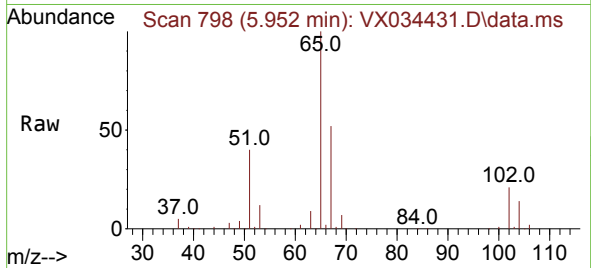




#33
1,2-Dichloroethane-d4
Concen: 45.003 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

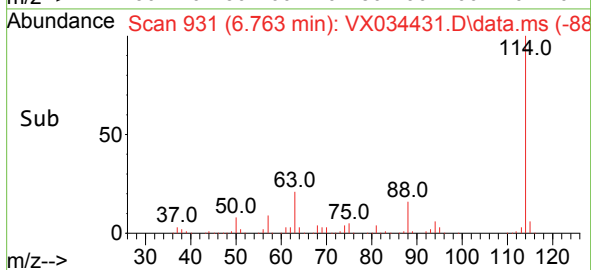
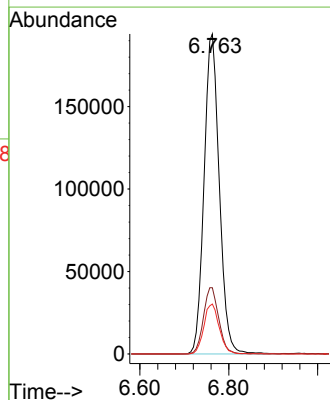
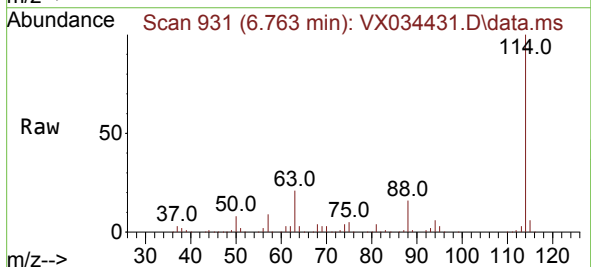
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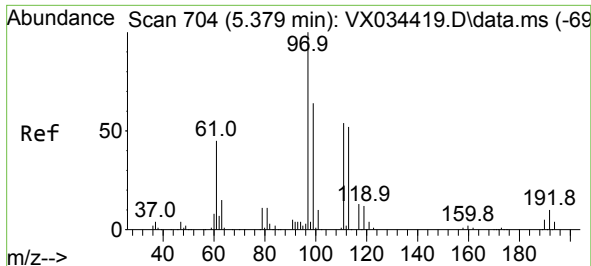
Tgt Ion: 65 Resp: 177378
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

Tgt Ion: 114 Resp: 463775
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.2
88 15.6 0.0 33.2

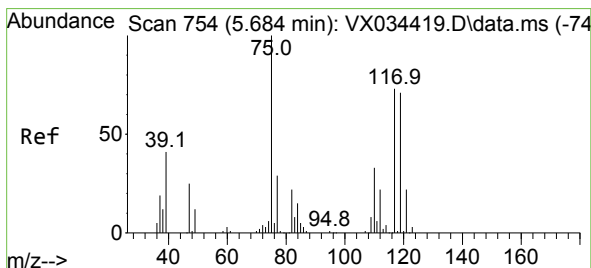
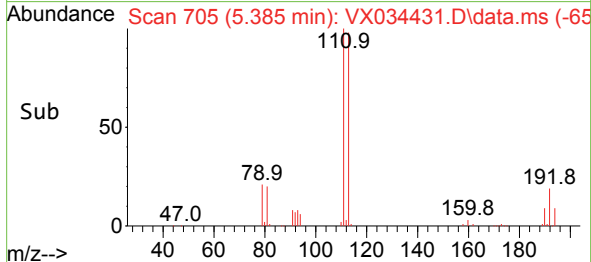
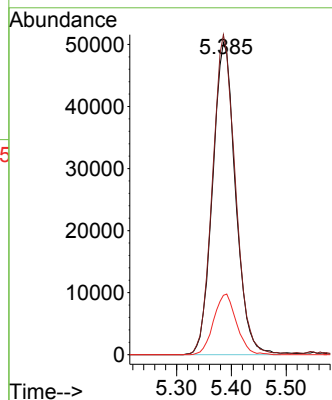
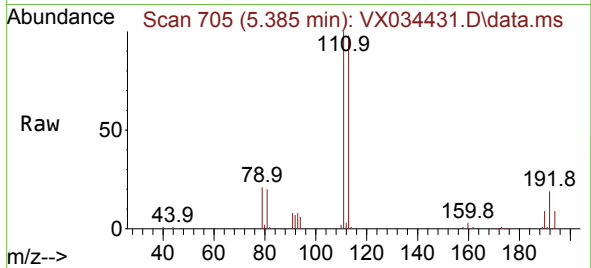




#35
Dibromofluoromethane
Concen: 47.621 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

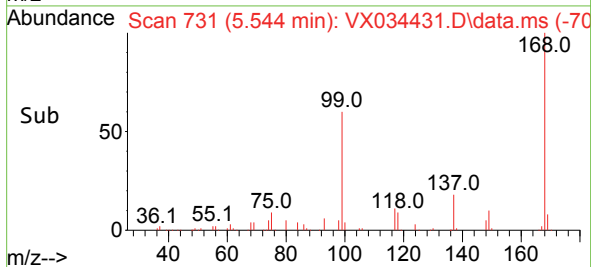
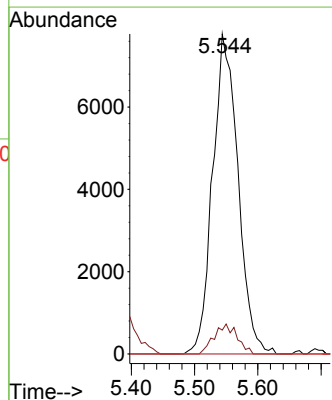
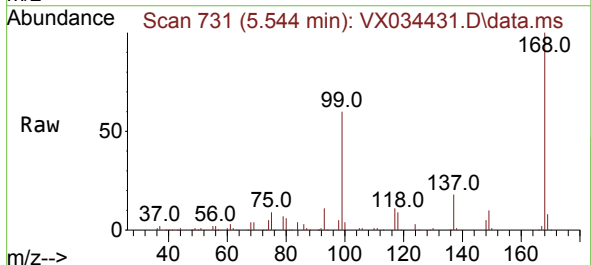
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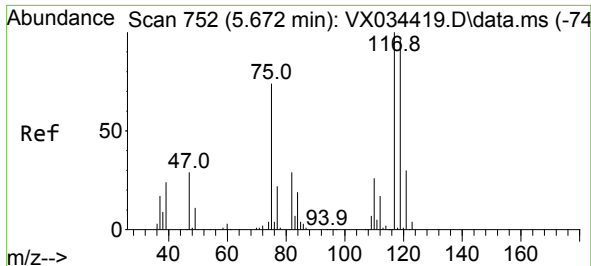
Tgt Ion:113 Resp: 145819
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 19.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.594 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

Tgt Ion: 75 Resp: 21606
Ion Ratio Lower Upper
75 100
110 8.5 17.5 52.5#
77 0.0 24.3 36.5#

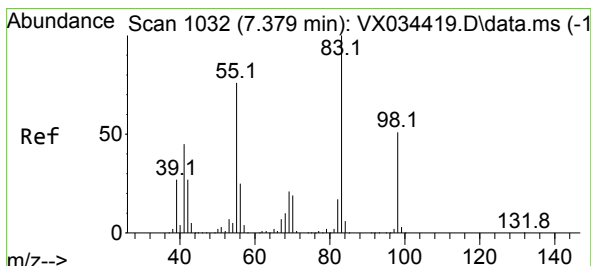
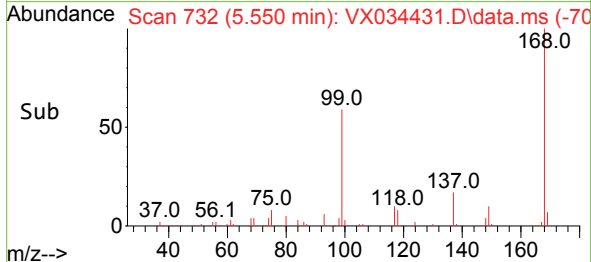
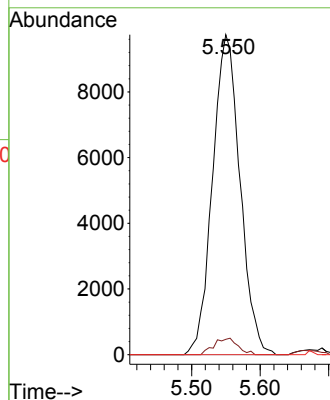
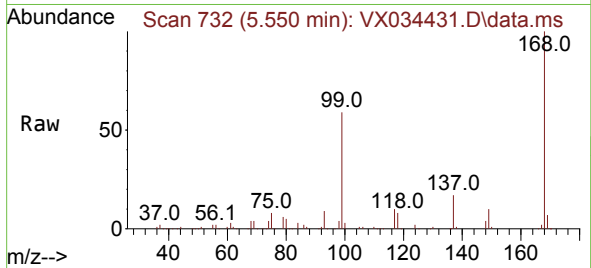




#38
Carbon Tetrachloride
Concen: 5.790 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

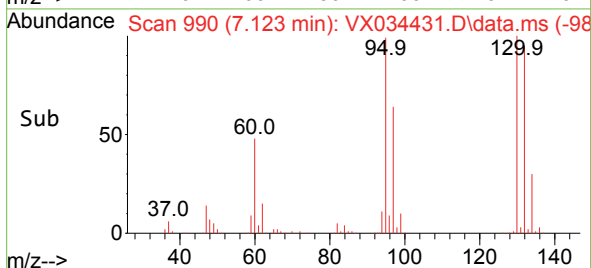
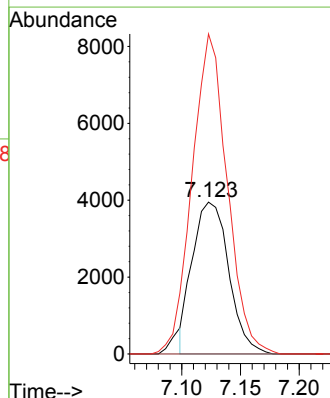
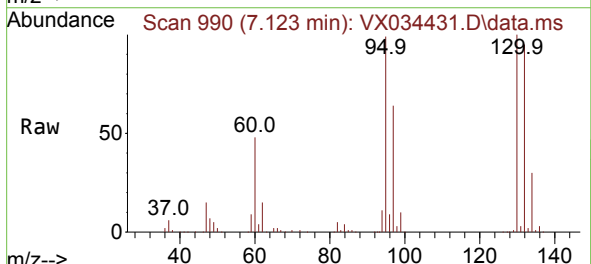
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230308

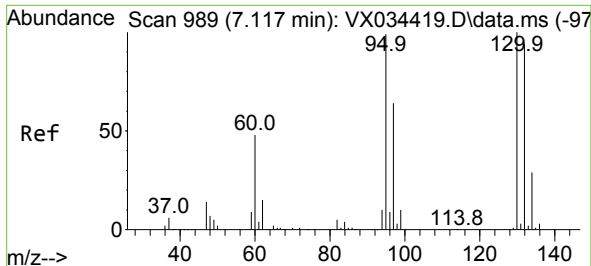
Tgt Ion:117 Resp: 27090
Ion Ratio Lower Upper
117 100
119 4.8 76.6 114.8#
121 0.0 23.8 35.6#



#39
Methylcyclohexane
Concen: 1.507 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

Tgt Ion: 83 Resp: 8480
Ion Ratio Lower Upper
83 100
55 0.0 60.5 90.7#
98 210.8 40.4 60.6#

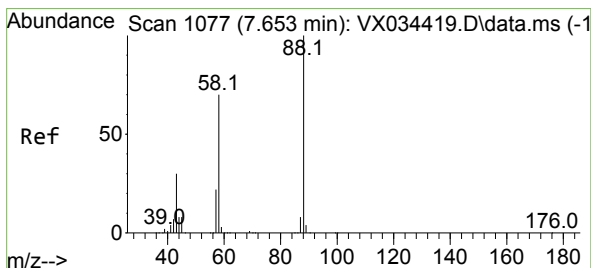
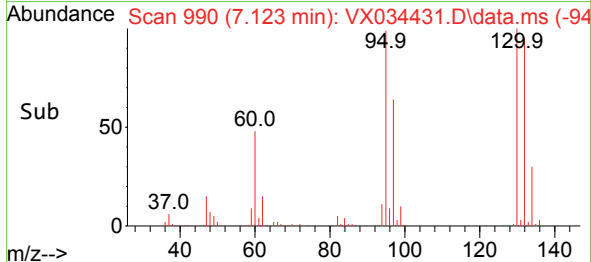
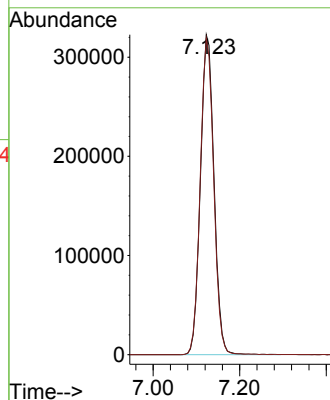
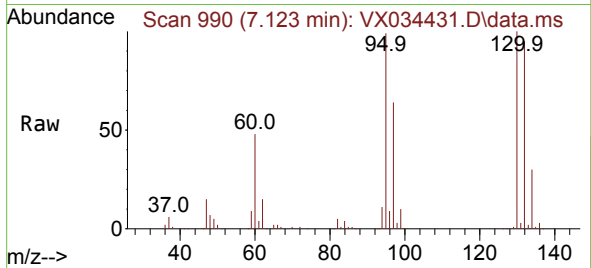




#44
Trichloroethene
Concen: 196.007 ug/l
RT: 7.123 min Scan# 94
Delta R.T. 0.006 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

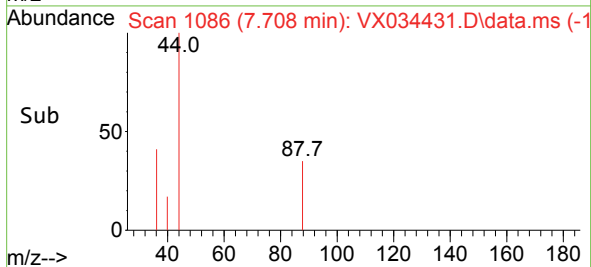
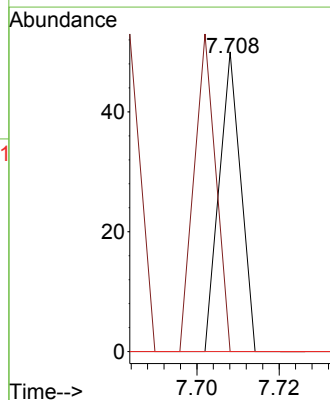
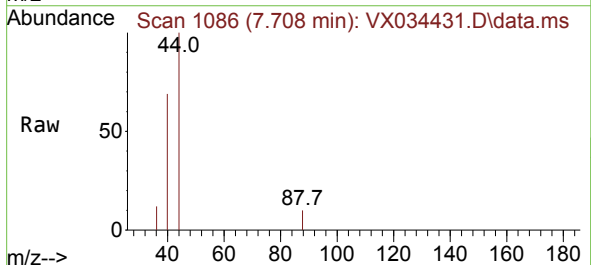
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230308

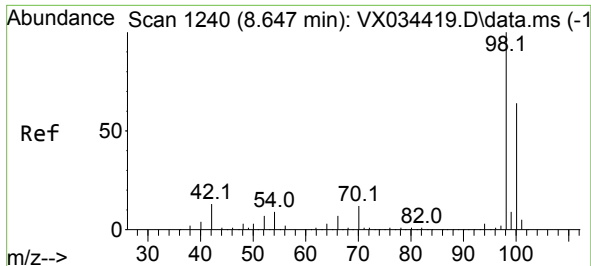
Tgt Ion:130 Resp: 700686
Ion Ratio Lower Upper
130 100
95 98.9 0.0 198.4



#49
1,4-Dioxane
Concen: 0.205 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.055 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

Tgt Ion: 88 Resp: 18
Ion Ratio Lower Upper
88 100
43 105.6 27.7 41.5#
58 0.0 56.8 85.2#

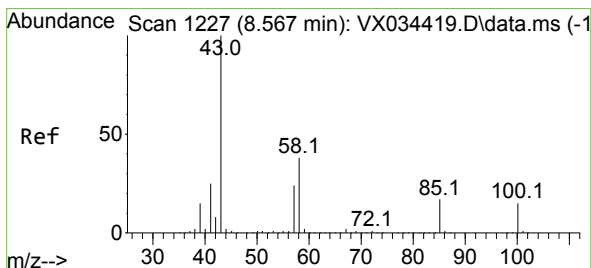
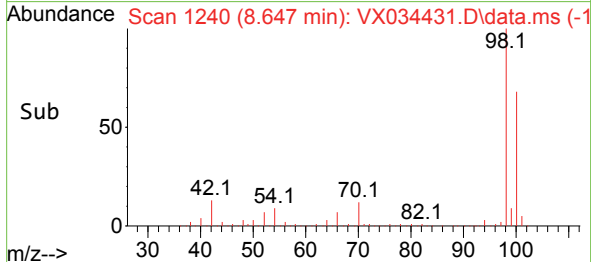
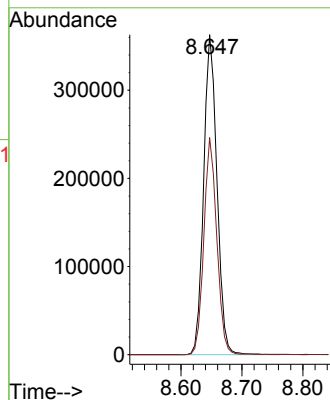
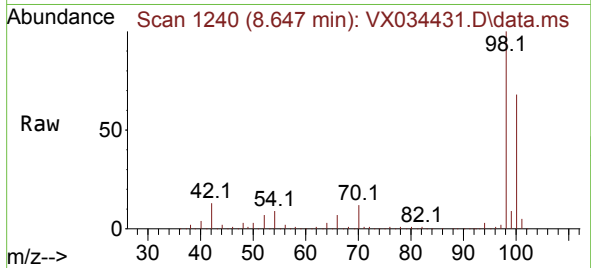




#50
Toluene-d8
Concen: 48.261 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

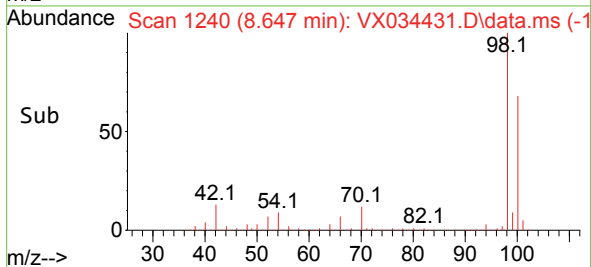
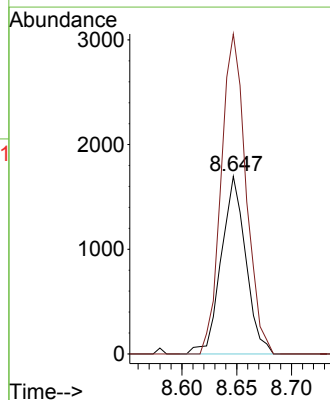
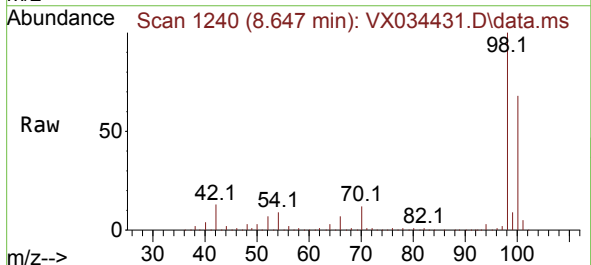
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230308

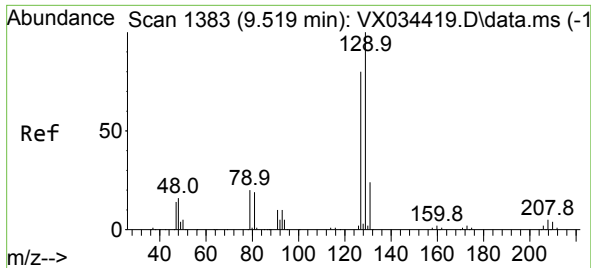
Tgt Ion: 98 Resp: 551663
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.523 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

Tgt Ion: 43 Resp: 2642
Ion Ratio Lower Upper
43 100
58 182.2 30.6 46.0#

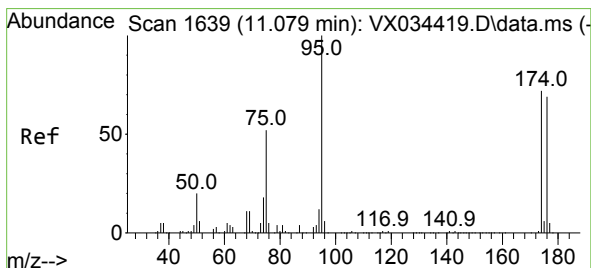
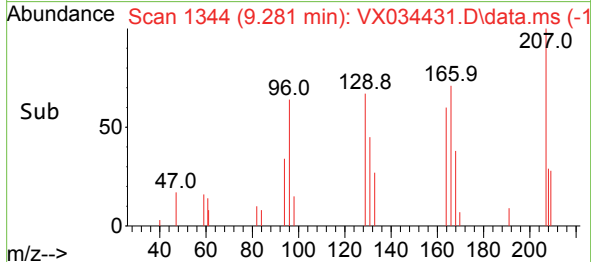
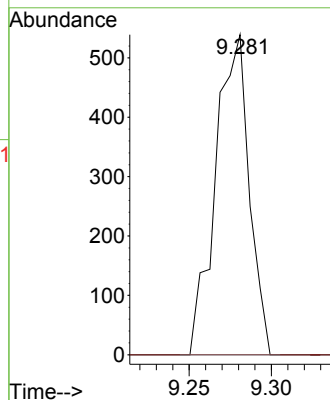
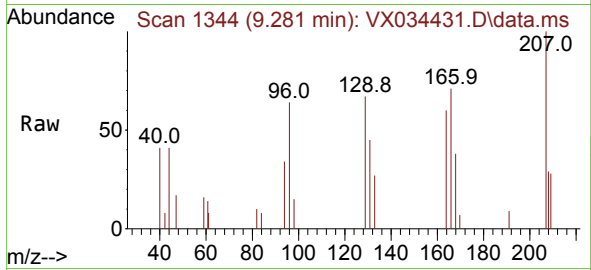




#60
Dibromochloromethane
Concen: 0.216 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.238 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

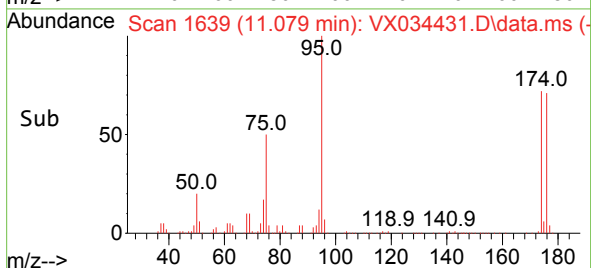
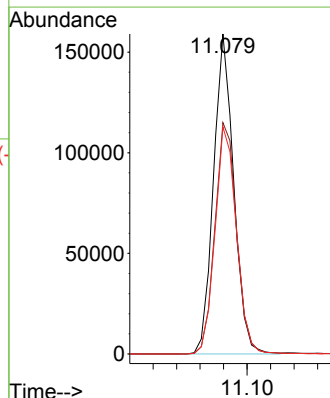
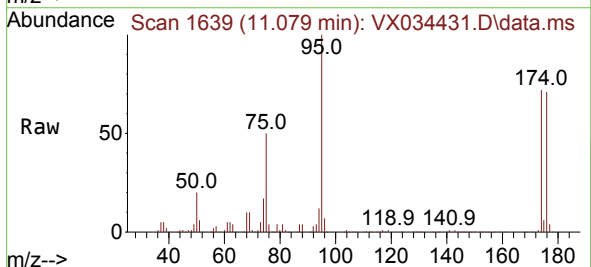
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230308

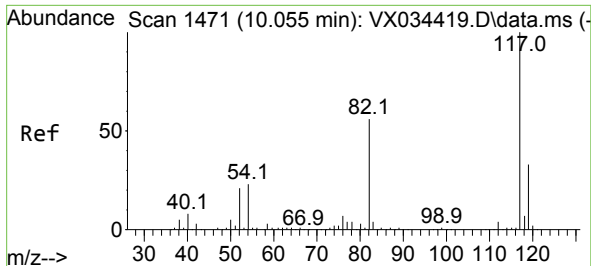
Tgt Ion:129 Resp: 766
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 41.110 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

Tgt Ion: 95 Resp: 189811
Ion Ratio Lower Upper
95 100
174 77.7 0.0 147.4
176 75.3 0.0 140.6

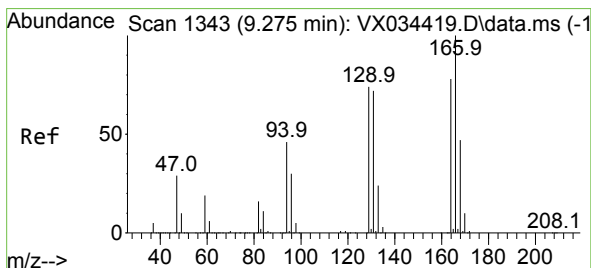
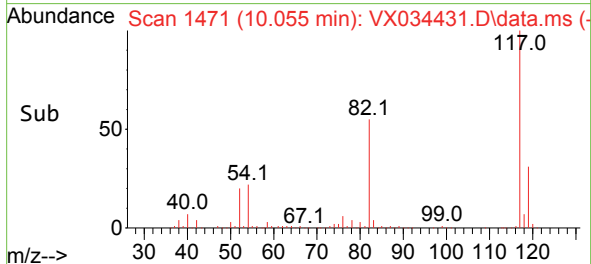
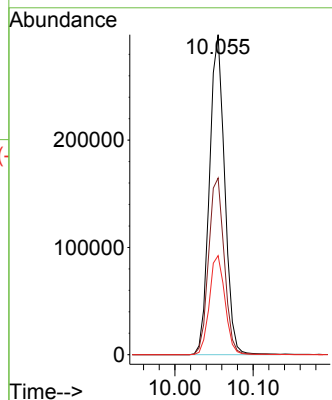
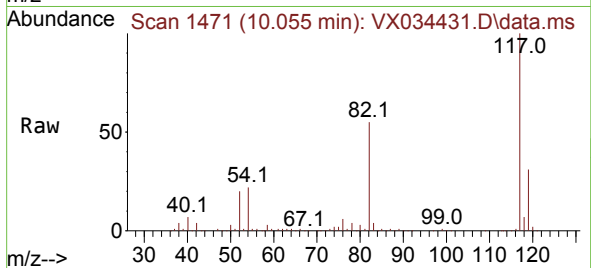




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

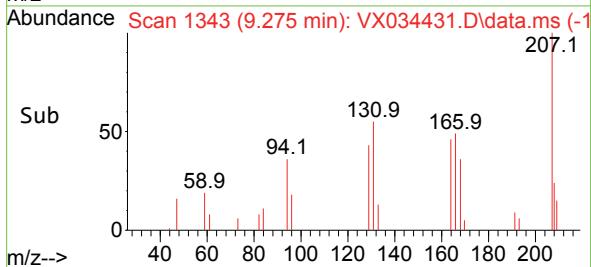
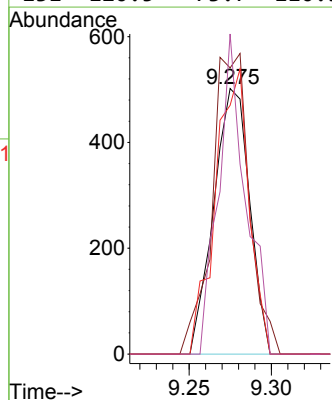
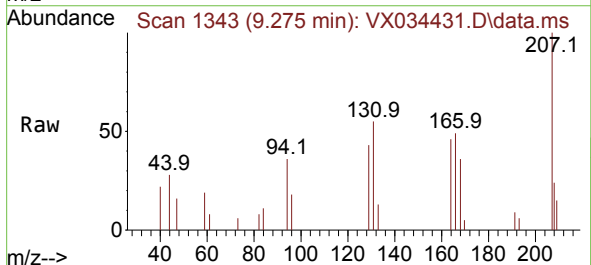
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230308

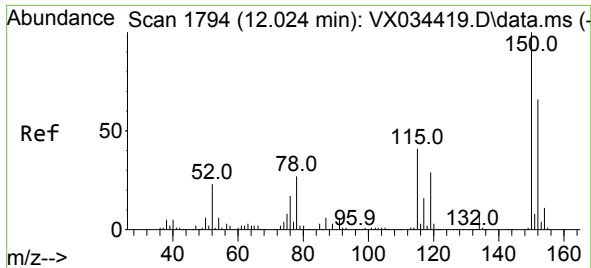
Tgt Ion:117 Resp: 402389
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 31.0 26.0 39.0



#64
Tetrachloroethene
Concen: 0.282 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034431.D
Acq: 13 Mar 2023 14:37

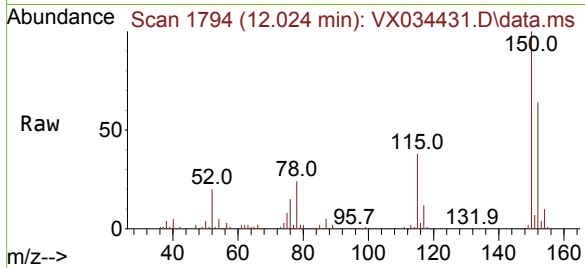
Tgt Ion:164 Resp: 761
Ion Ratio Lower Upper
164 100
166 107.8 102.7 154.1
129 93.6 75.6 113.4
131 120.5 73.7 110.5#



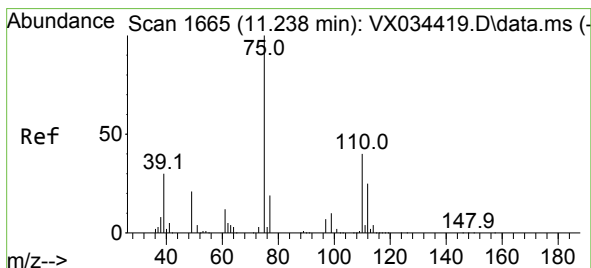
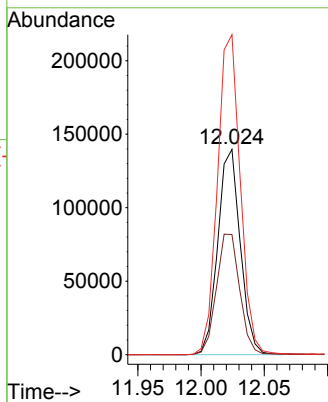
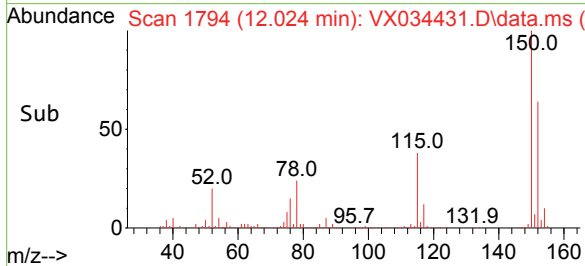


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034431.D
 Acq: 13 Mar 2023 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20230308

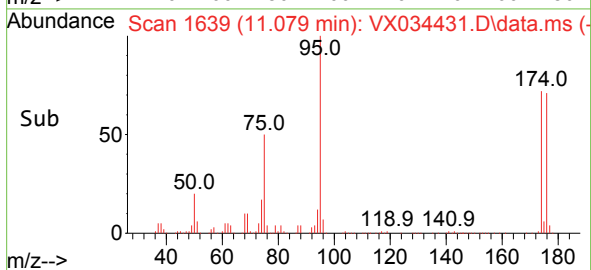
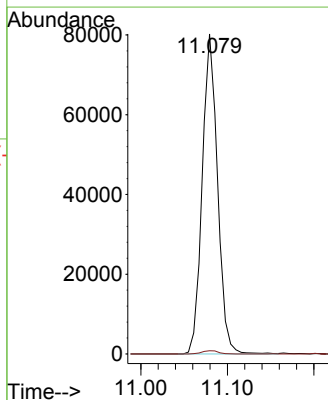
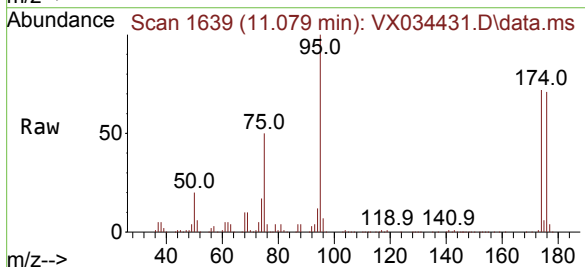


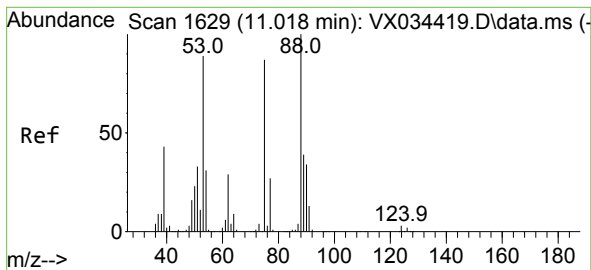
Tgt Ion:152 Resp: 172524
 Ion Ratio Lower Upper
 152 100
 115 61.0 45.0 135.0
 150 158.6 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 24.865 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034431.D
 Acq: 13 Mar 2023 14:37

Tgt Ion: 75 Resp: 98501
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.269 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034431.D
 Acq: 13 Mar 2023 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20230308

Tgt Ion: 75 Resp: 98501
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

