

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038907.D
 Acq On : 18 Nov 2023 04:21
 Operator : JC/MD
 Sample : 05404-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20231109

Quant Time: Nov 20 00:32:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

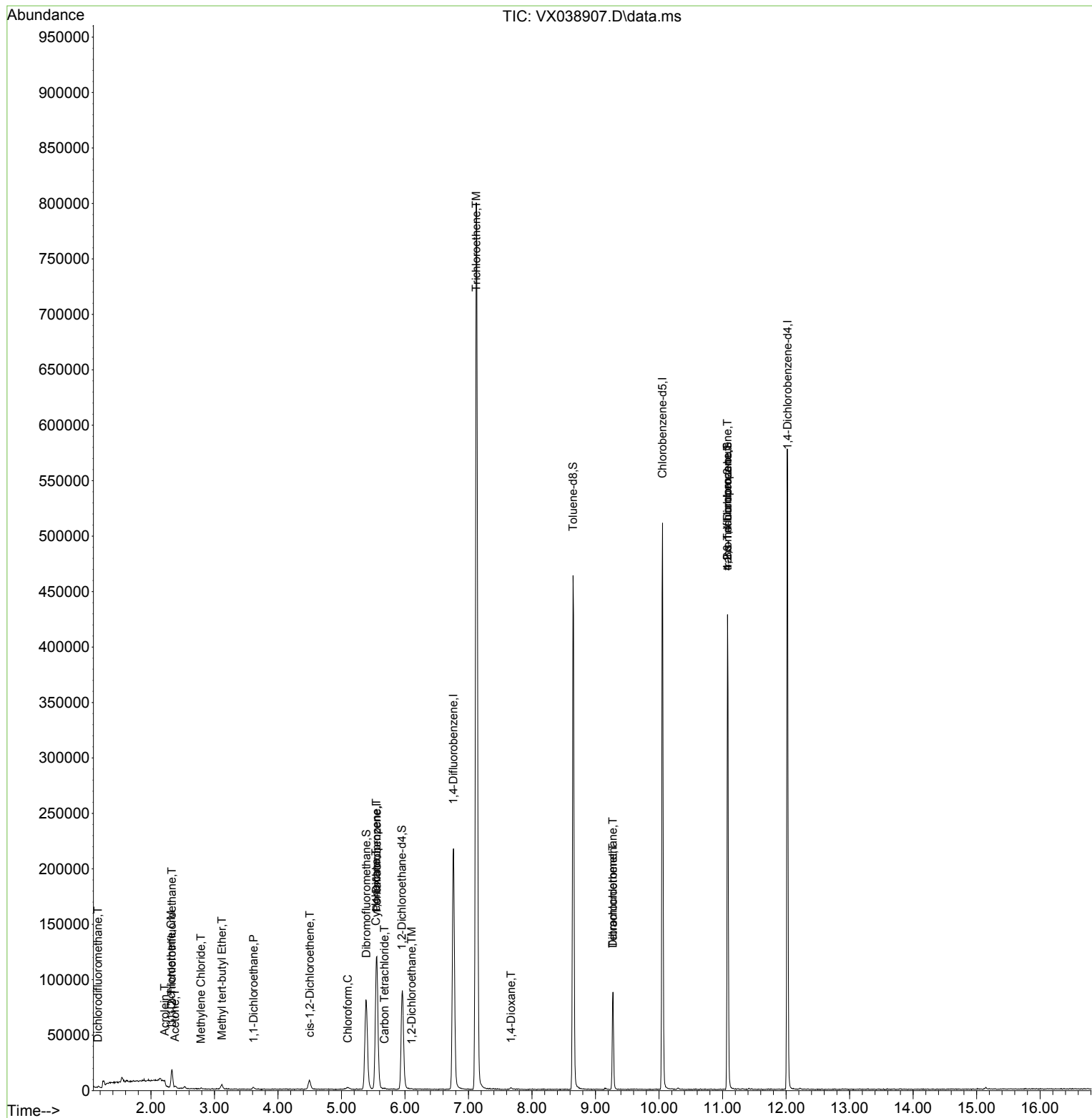
Internal Standards						
1) Pentafluorobenzene	5.556	168	109008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222573	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85541	48.700	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.400%
35) Dibromofluoromethane	5.391	113	71393	44.413	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.820%
50) Toluene-d8	8.647	98	278749	45.323	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.640%#
62) 4-Bromofluorobenzene	11.079	95	117405	47.687	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	440	0.346	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	5433	4.037	ug/l	92
12) 1,1-Dichloroethene	2.319	96	1669	1.228	ug/l	81
13) Acrolein	2.215	56	561	2.170	ug/l #	14
16) Acetone	2.380	43	1156	1.236	ug/l #	51
19) Methyl tert-butyl Ether	3.117	73	3958	0.828	ug/l	99
20) Methylene Chloride	2.788	84	361	0.214	ug/l #	74
24) 1,1-Dichloroethane	3.617	63	1945	0.697	ug/l #	85
27) cis-1,2-Dichloroethene	4.501	96	5011	2.868	ug/l	81
30) Chloroform	5.099	83	2191	0.804	ug/l	94
31) Cyclohexane	5.544	56	3189	1.272	ug/l #	16
36) 1,1-Dichloropropene	5.550	75	10106	4.387	ug/l #	50
38) Carbon Tetrachloride	5.678	117	490	0.230	ug/l #	89
42) 1,2-Dichloroethane	6.105	62	498	0.221	ug/l #	77
44) Trichloroethene	7.123	130	299036	180.291	ug/l	94
49) 1,4-Dioxane	7.671	88	1189	26.406	ug/l #	94
60) Dibromochloromethane	9.275	129	15846	8.833	ug/l #	11
64) Tetrachloroethene	9.275	164	14595	10.506	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	60522	21.640	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	60522	47.999	ug/l #	5

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

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Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

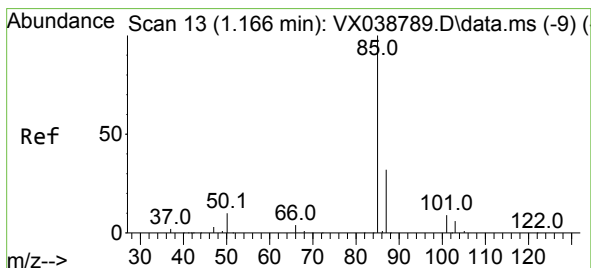
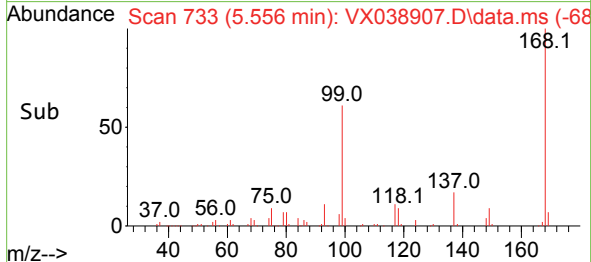
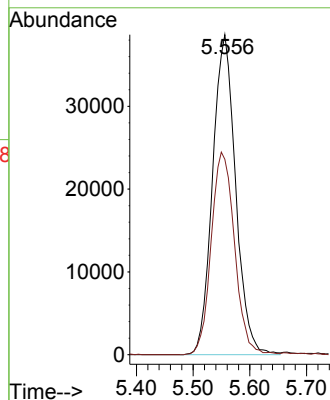
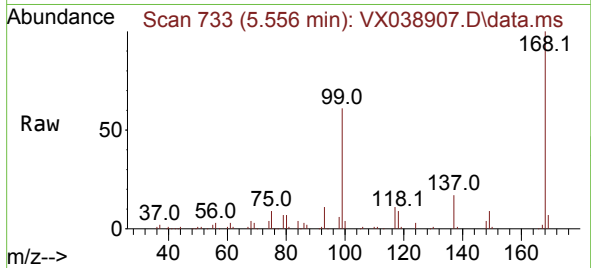




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

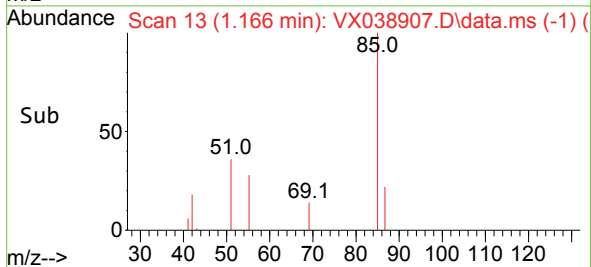
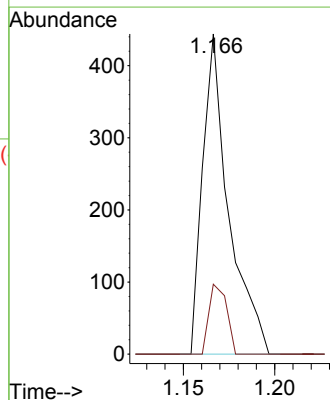
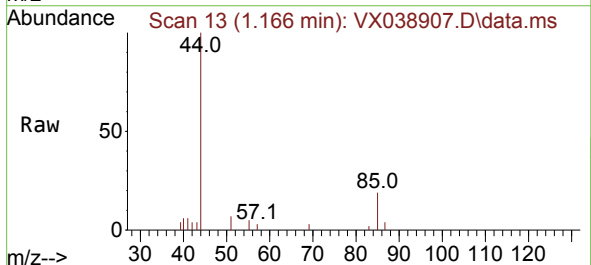
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20231109

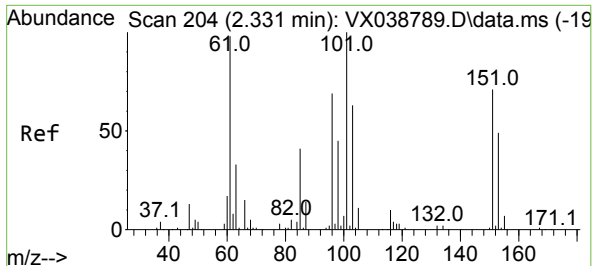
Tgt Ion:168 Resp: 109008
Ion Ratio Lower Upper
168 100
99 61.0 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.346 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

Tgt Ion: 85 Resp: 440
Ion Ratio Lower Upper
85 100
87 21.8 16.7 50.1

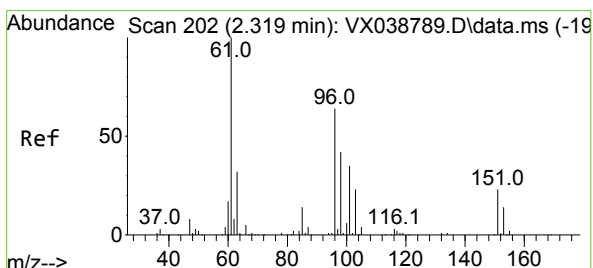
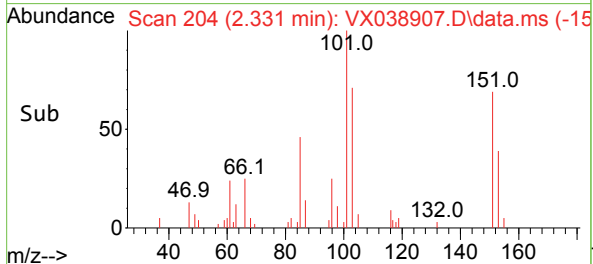
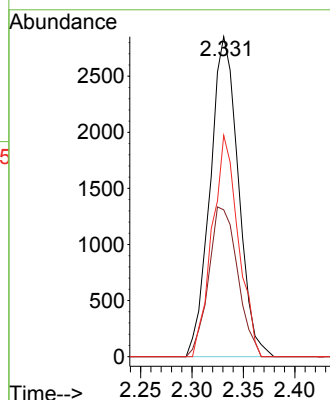
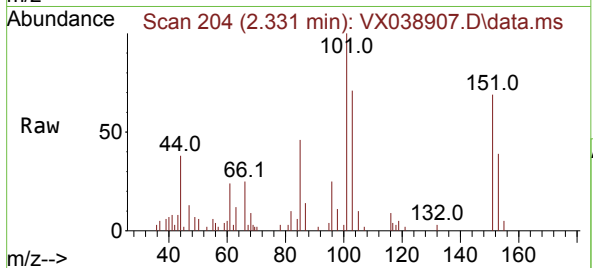




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.037 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

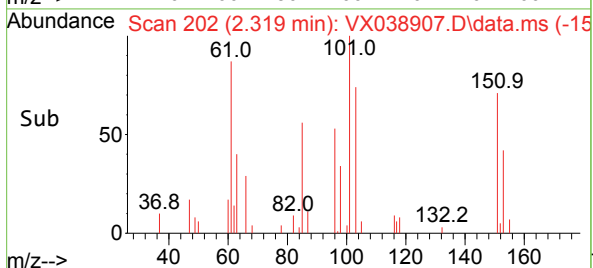
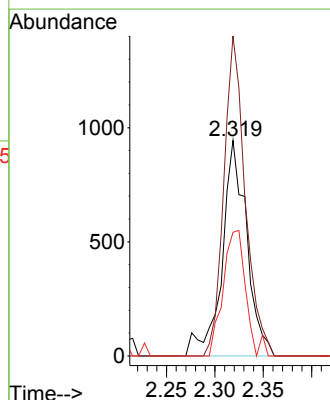
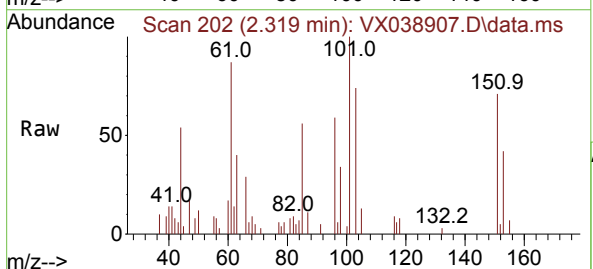
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20231109

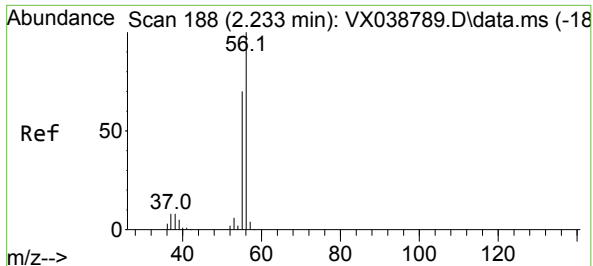
Tgt Ion:101 Resp: 5433
Ion Ratio Lower Upper
101 100
85 48.1 37.0 55.6
151 64.3 58.6 87.8



#12
1,1-Dichloroethene
Concen: 1.228 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

Tgt Ion: 96 Resp: 1669
Ion Ratio Lower Upper
96 100
61 148.5 144.6 216.8
98 57.4 50.4 75.6

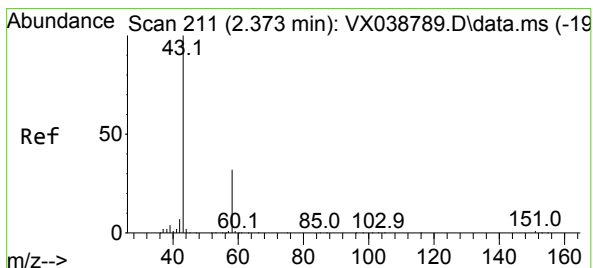
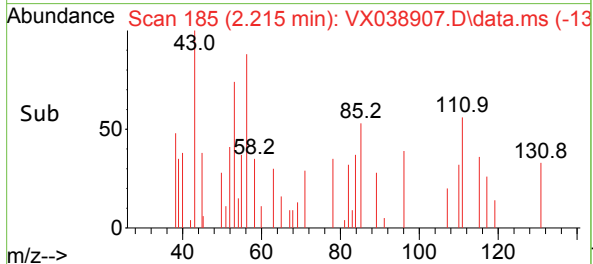
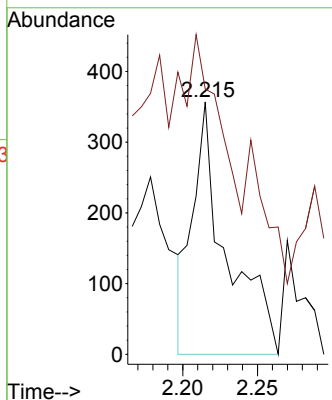
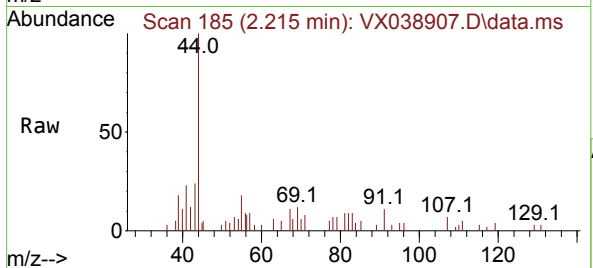




#13
Acrolein
Concen: 2.170 ug/l
RT: 2.215 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

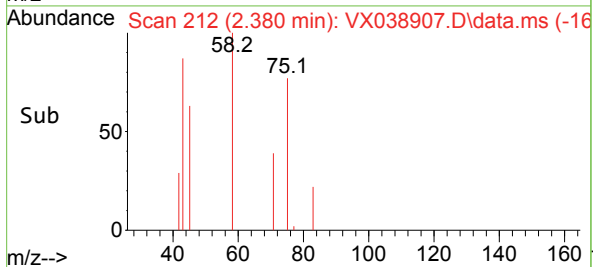
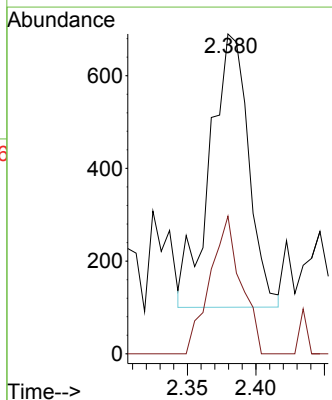
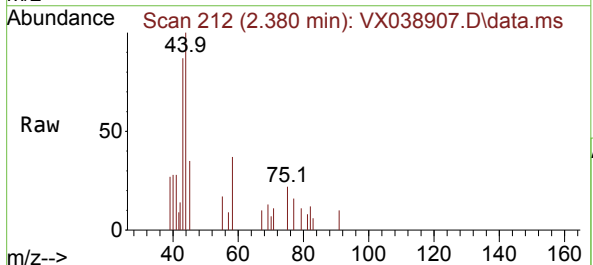
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20231109

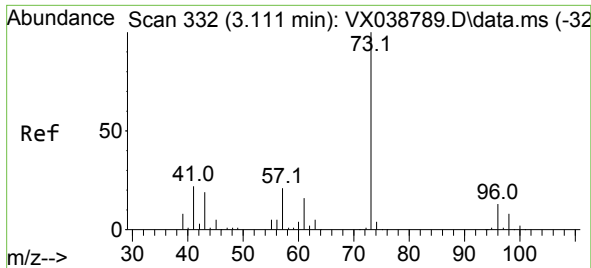
Tgt Ion: 56 Resp: 561
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 1.236 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

Tgt Ion: 43 Resp: 1156
Ion Ratio Lower Upper
43 100
58 52.8 21.9 32.9#

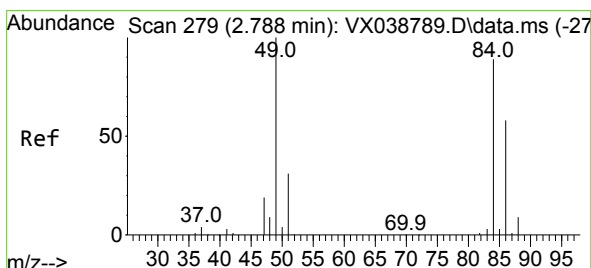
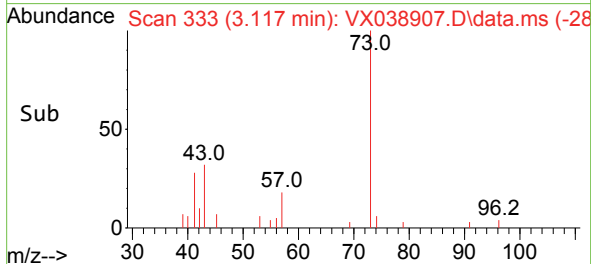
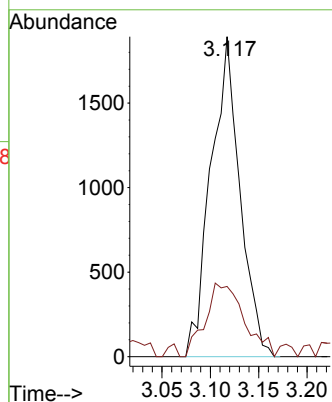
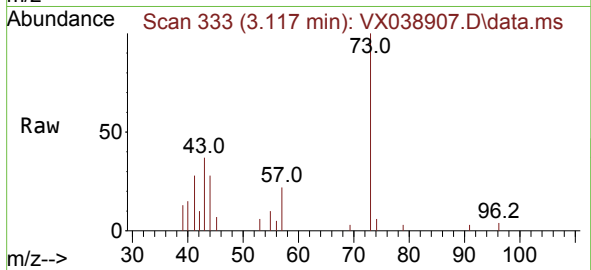




#19
Methyl tert-butyl Ether
Concen: 0.828 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

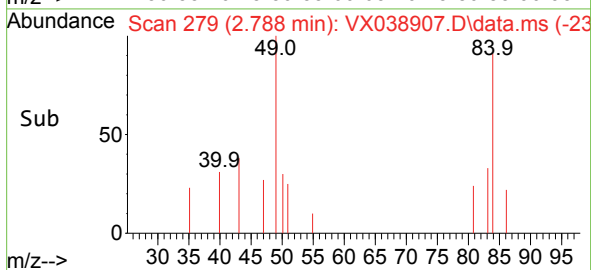
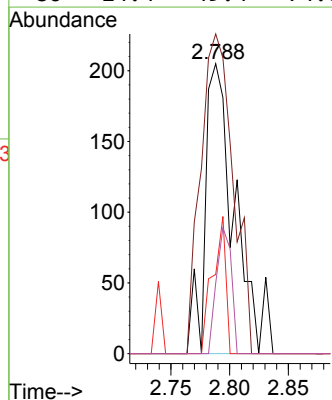
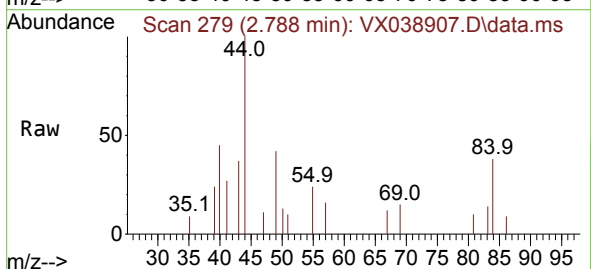
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20231109

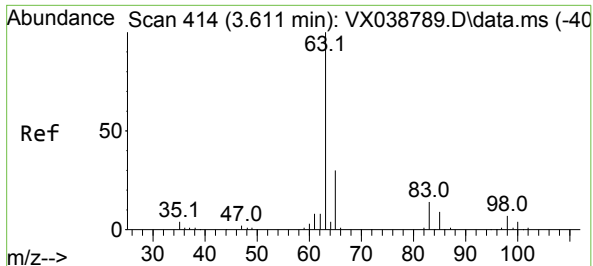
Tgt Ion: 73 Resp: 3958
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#20
Methylene Chloride
Concen: 0.214 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

Tgt Ion: 84 Resp: 361
Ion Ratio Lower Upper
84 100
49 110.2 103.6 155.4
51 27.3 33.8 50.6#
86 24.4 49.4 74.0#

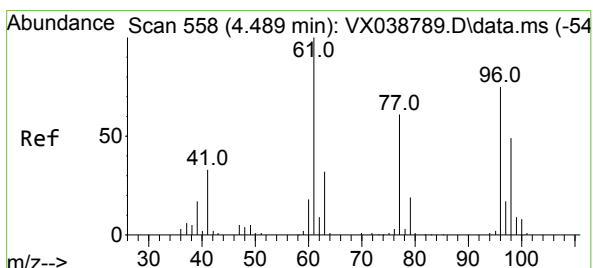
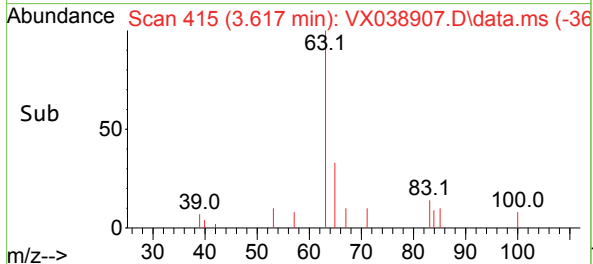
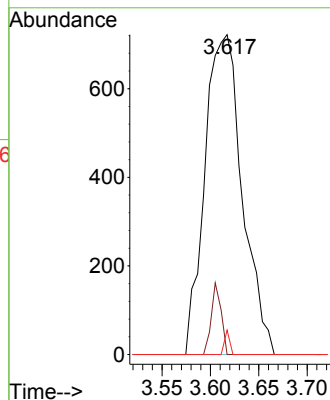
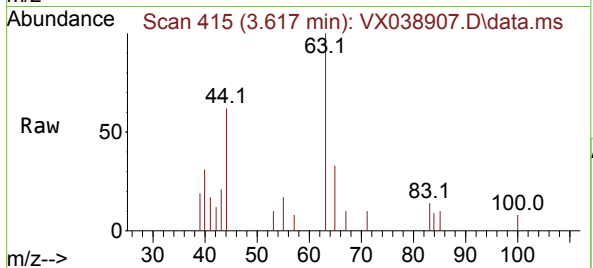




#24
1,1-Dichloroethane
Concen: 0.697 ug/l
RT: 3.617 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

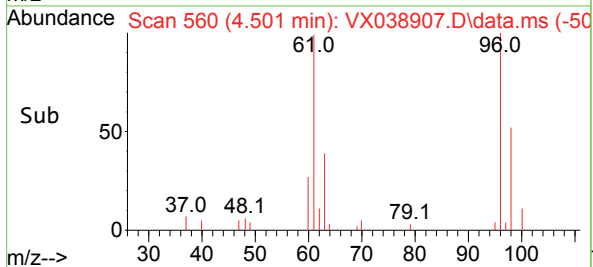
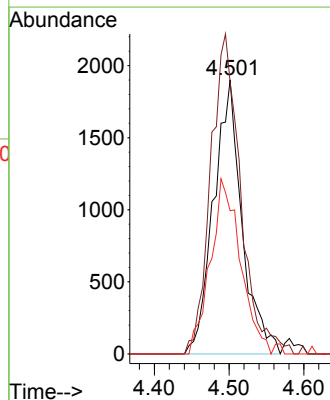
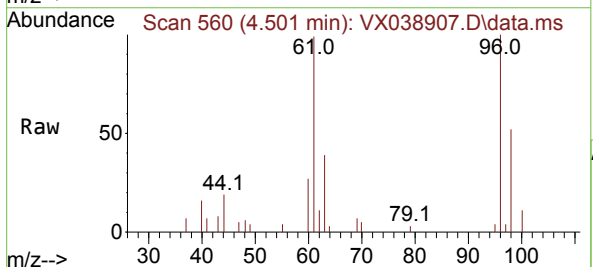
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20231109

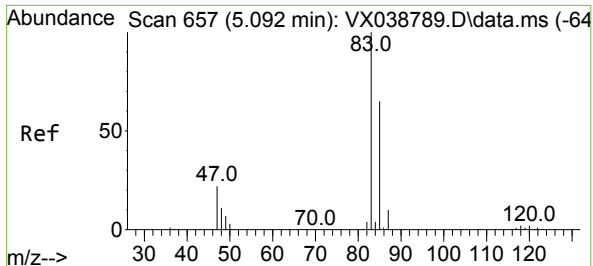
Tgt Ion: 63 Resp: 1945
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 7.6 2.1 6.5#



#27
cis-1,2-Dichloroethene
Concen: 2.868 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

Tgt Ion: 96 Resp: 5011
Ion Ratio Lower Upper
96 100
61 123.5 0.0 312.2
98 67.7 0.0 129.0





#30

Chloroform

Concen: 0.804 ug/l

RT: 5.099 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX038907.D

Acq: 18 Nov 2023 04:21

Instrument :

MSVOA_X

ClientSampleId :

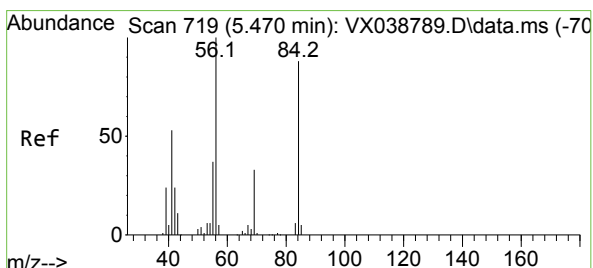
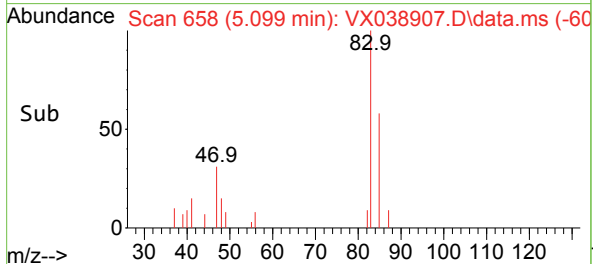
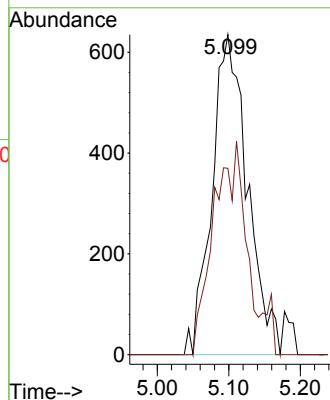
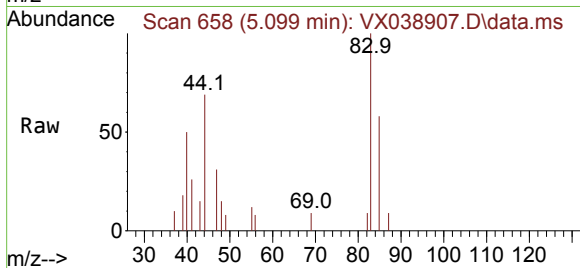
RE125D1-20231109

Tgt Ion: 83 Resp: 2191

Ion Ratio Lower Upper

83 100

85 58.3 50.3 75.5



#31

Cyclohexane

Concen: 1.272 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX038907.D

Acq: 18 Nov 2023 04:21

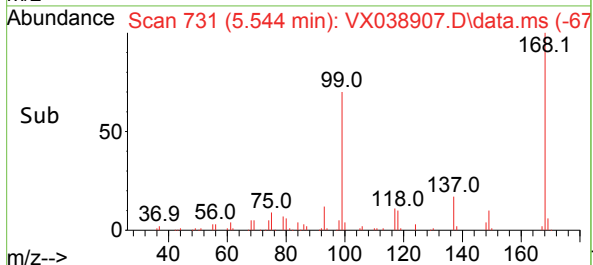
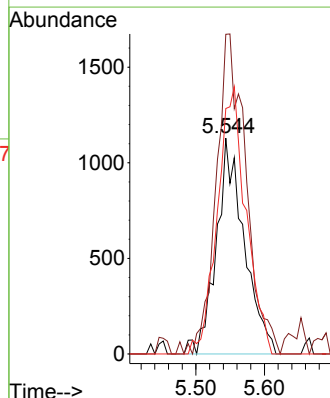
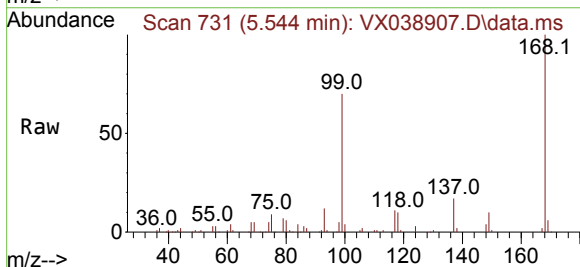
Tgt Ion: 56 Resp: 3189

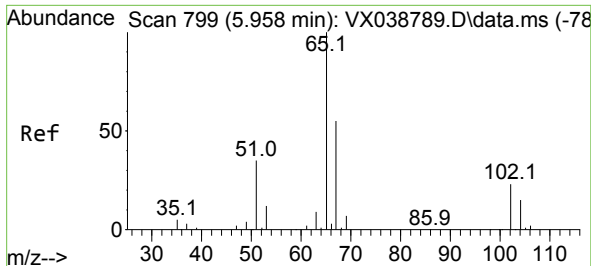
Ion Ratio Lower Upper

56 100

69 148.1 23.4 35.2#

84 113.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.700 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038907.D

Acq: 18 Nov 2023 04:21

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ClientSampleId :

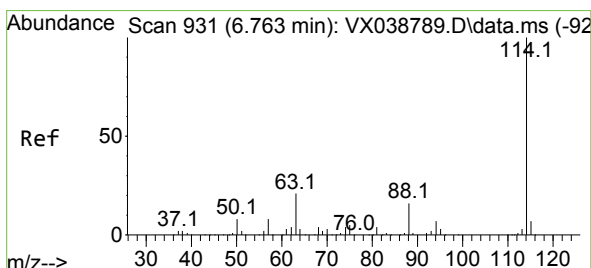
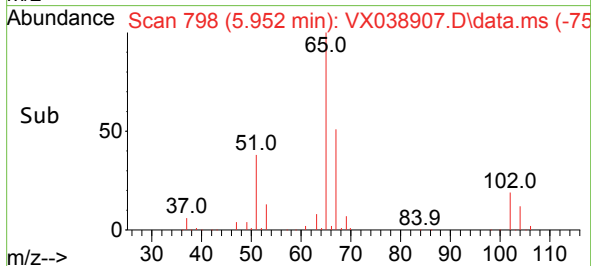
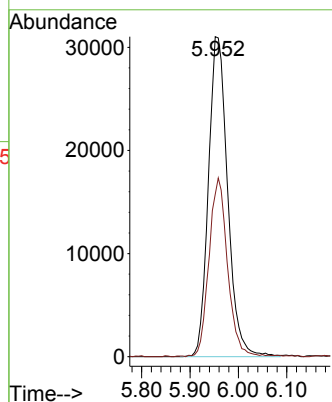
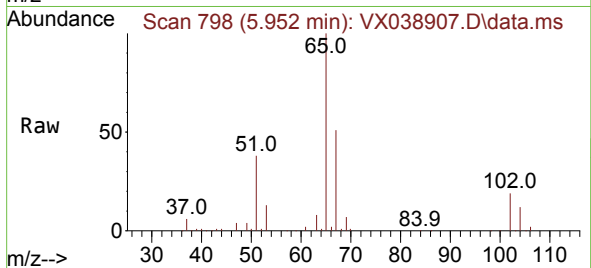
RE125D1-20231109

Tgt Ion: 65 Resp: 85541

Ion Ratio Lower Upper

65 100

67 54.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038907.D

Acq: 18 Nov 2023 04:21

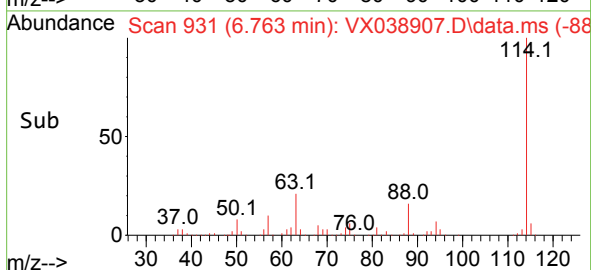
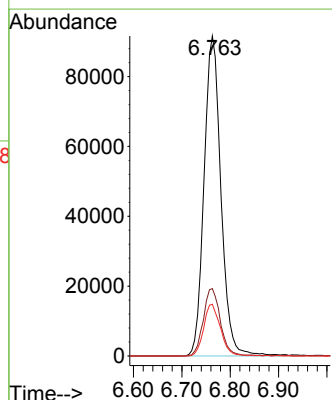
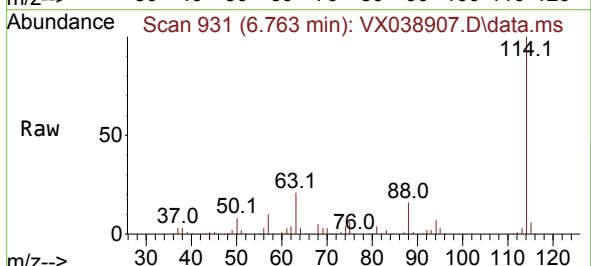
Tgt Ion: 114 Resp: 222573

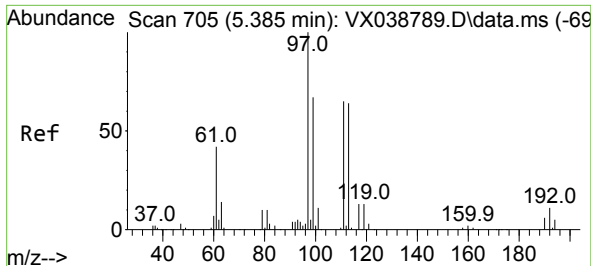
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

88 16.2 0.0 36.6

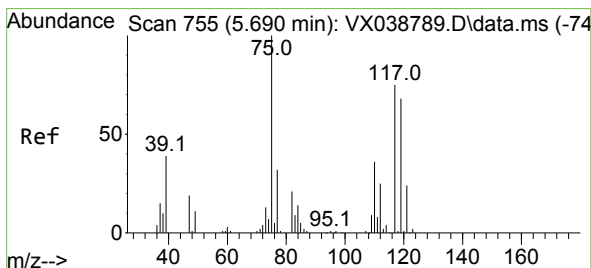
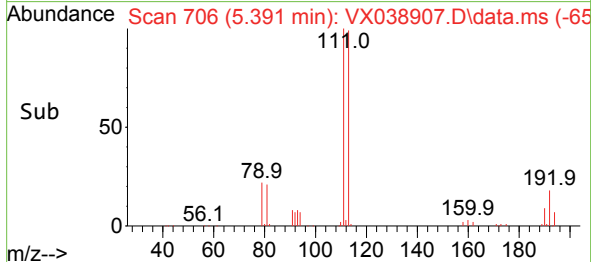
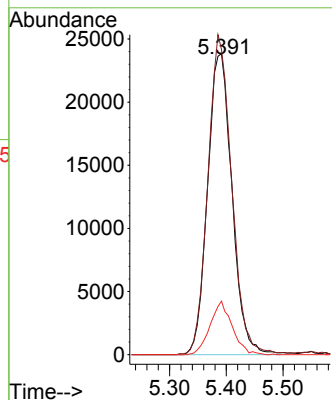
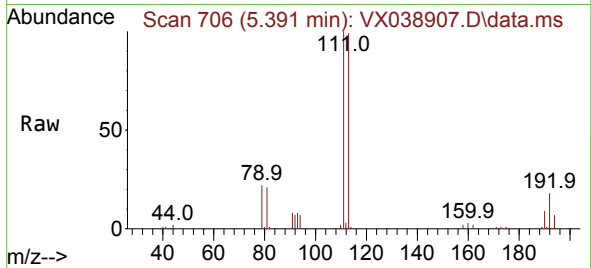




#35
Dibromofluoromethane
Concen: 44.413 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

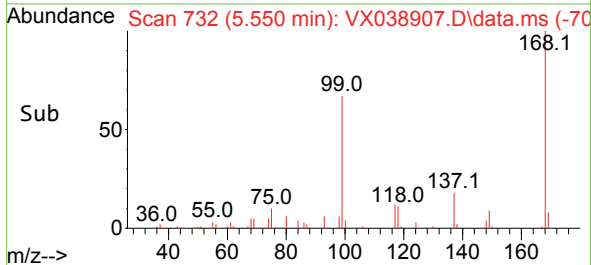
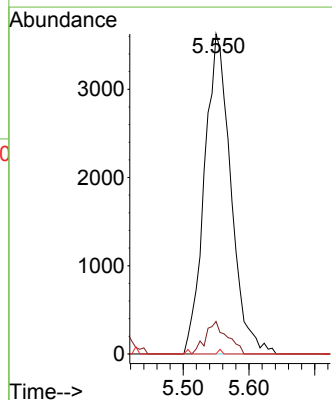
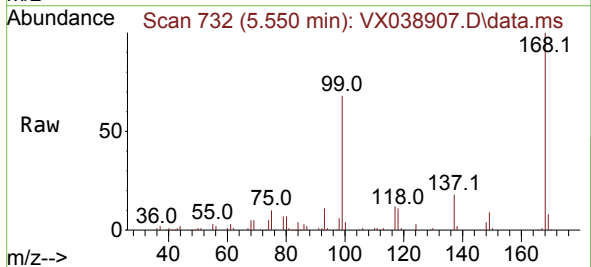
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20231109

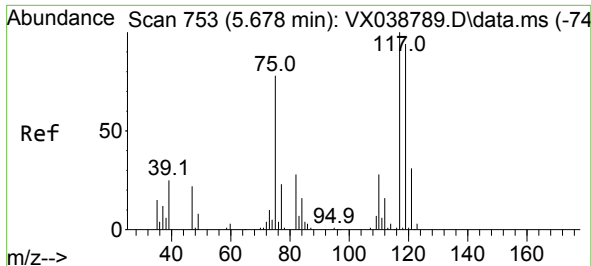
Tgt Ion:113 Resp: 71393
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 16.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.387 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

Tgt Ion: 75 Resp: 10106
Ion Ratio Lower Upper
75 100
110 8.3 17.0 50.9#
77 0.2 24.7 37.1#

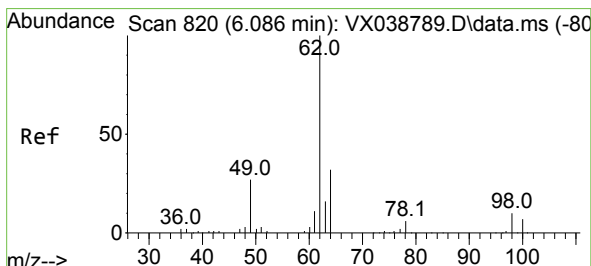
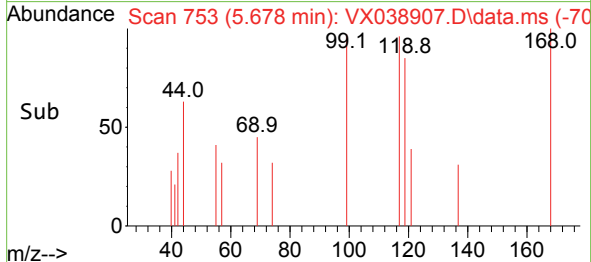
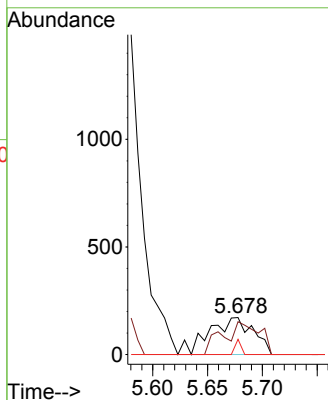
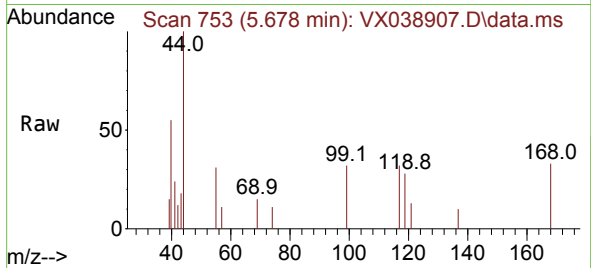




#38
Carbon Tetrachloride
Concen: 0.230 ug/l
RT: 5.678 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

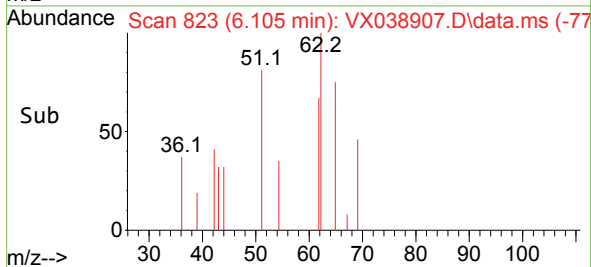
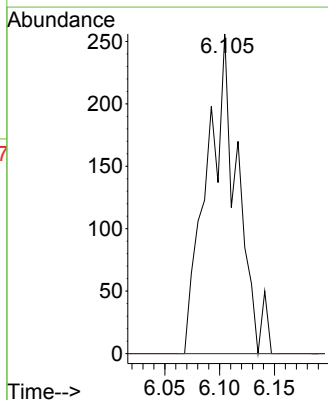
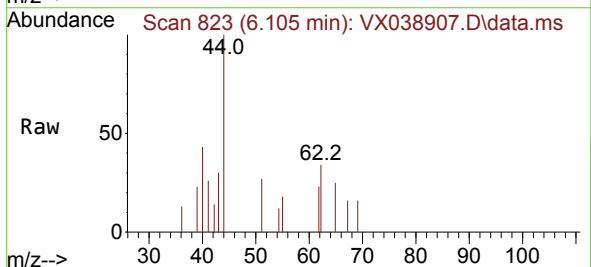
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20231109

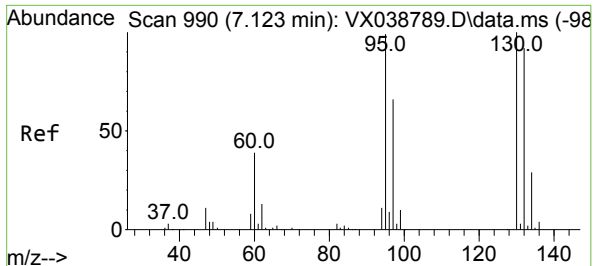
Tgt Ion:117 Resp: 490
Ion Ratio Lower Upper
117 100
119 89.0 78.2 117.2
121 41.3 24.4 36.6#



#42
1,2-Dichloroethane
Concen: 0.221 ug/l
RT: 6.105 min Scan# 823
Delta R.T. 0.018 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

Tgt Ion: 62 Resp: 498
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0

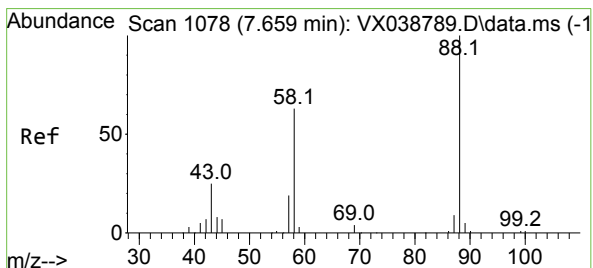
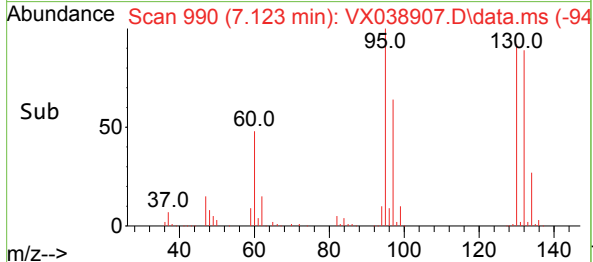
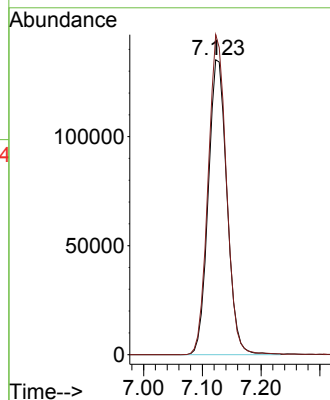
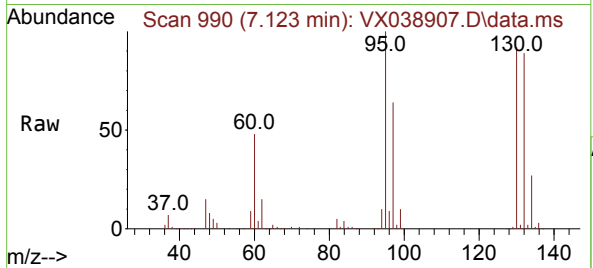




#44
Trichloroethene
Concen: 180.291 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

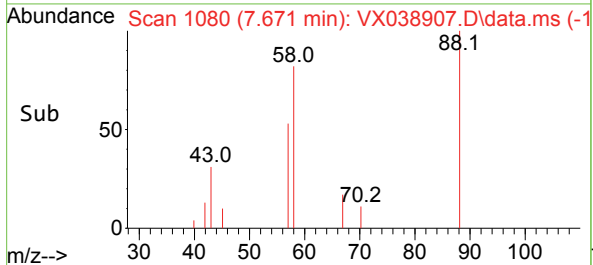
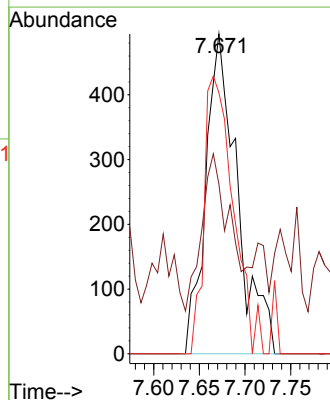
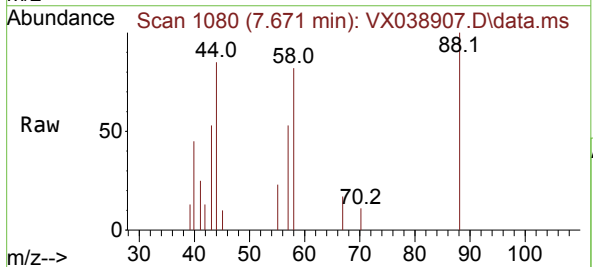
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20231109

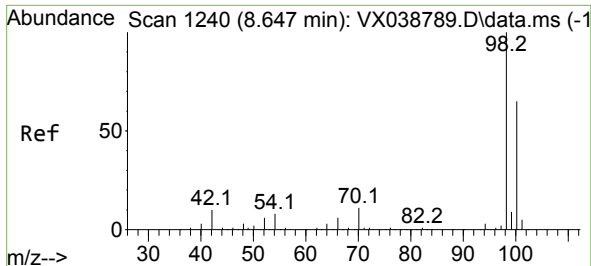
Tgt Ion:130 Resp: 299036
Ion Ratio Lower Upper
130 100
95 108.5 0.0 204.4



#49
1,4-Dioxane
Concen: 26.406 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

Tgt Ion: 88 Resp: 1189
Ion Ratio Lower Upper
88 100
43 45.8 0.0 0.0#
58 79.9 60.1 90.1

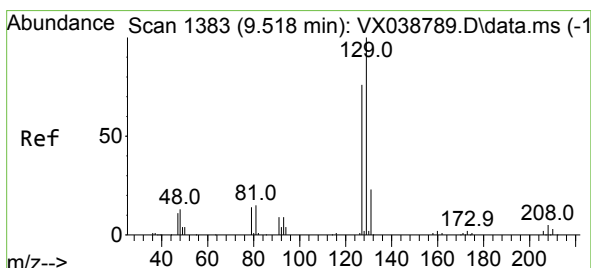
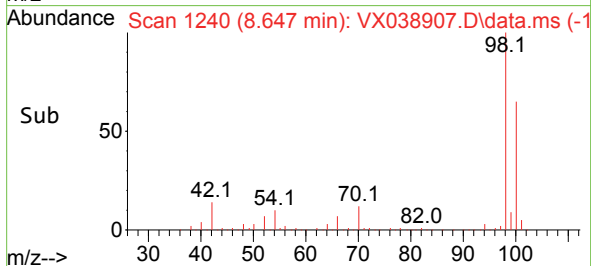
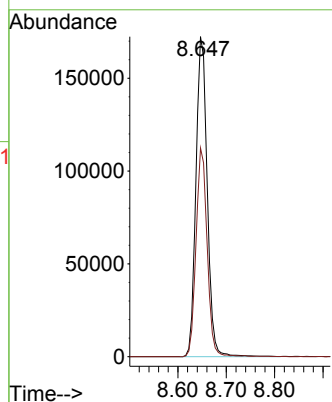
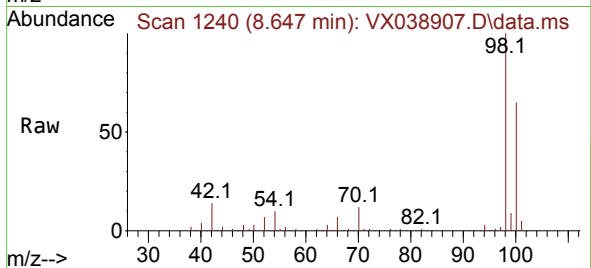




#50
Toluene-d8
Concen: 45.323 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

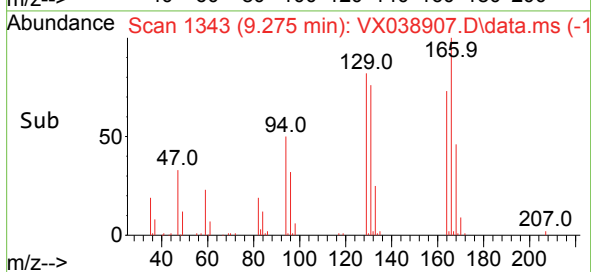
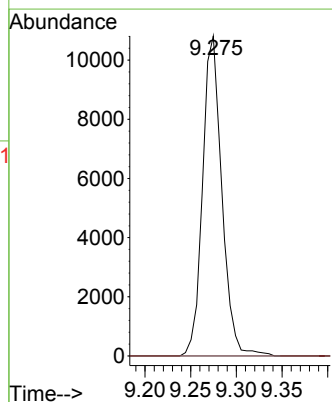
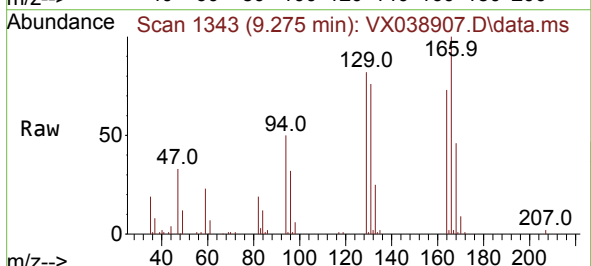
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20231109

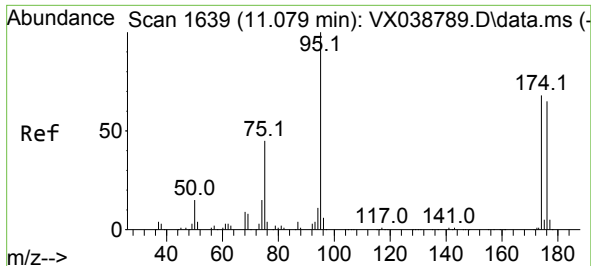
Tgt Ion: 98 Resp: 278749
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#60
Dibromochloromethane
Concen: 8.833 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

Tgt Ion: 129 Resp: 15846
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

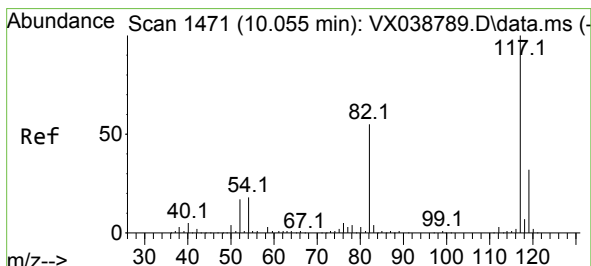
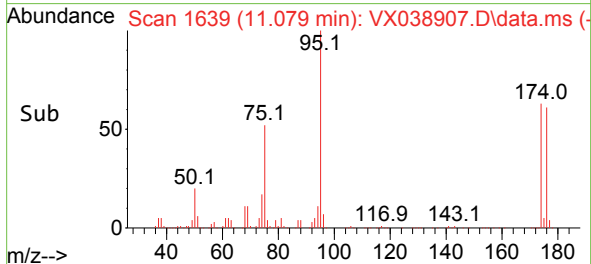
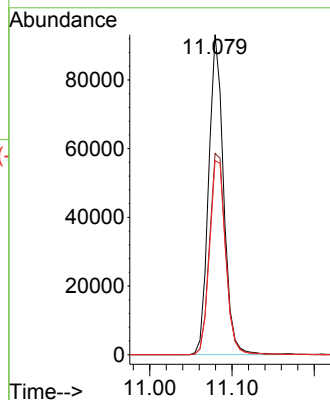
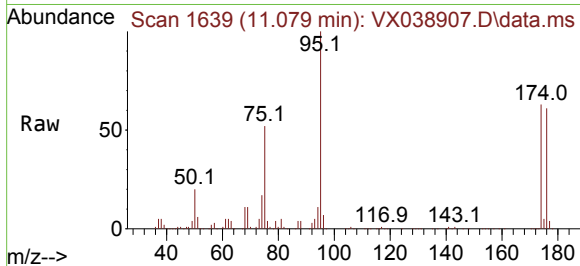




#62
4-Bromofluorobenzene
Concen: 47.687 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

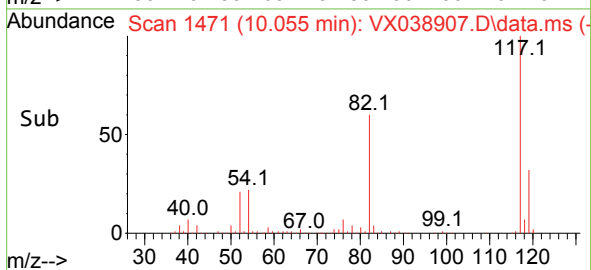
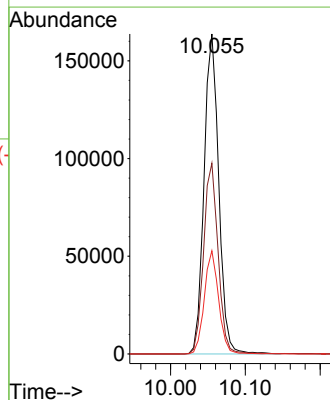
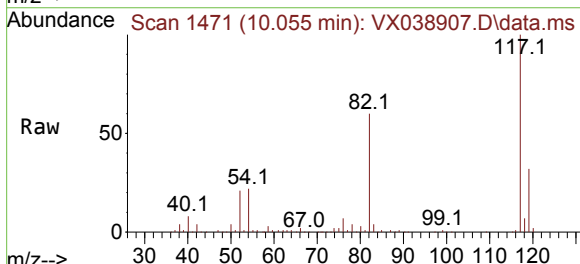
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20231109

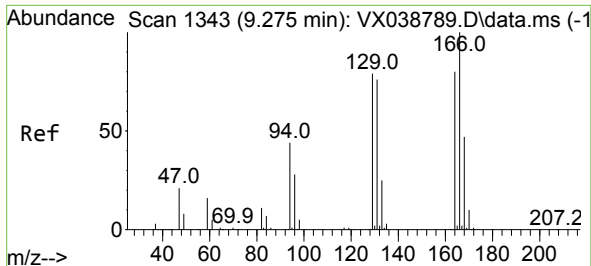
Tgt Ion: 95 Resp: 117405
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.6
176 65.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

Tgt Ion: 117 Resp: 223491
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 32.3 25.5 38.3

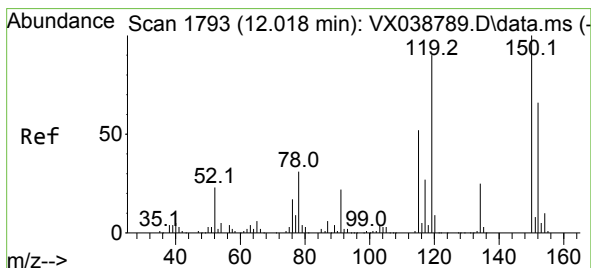
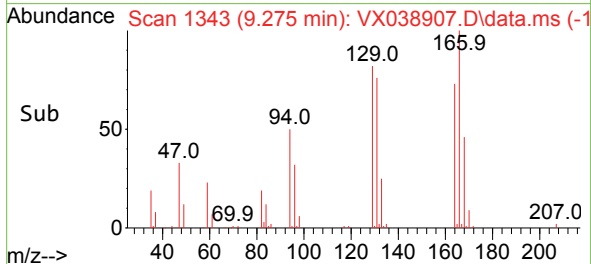
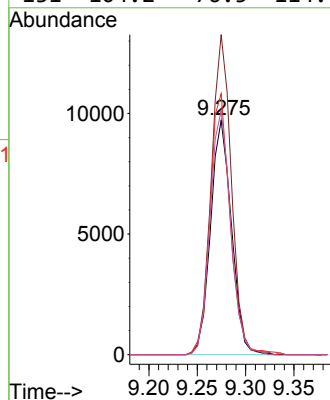
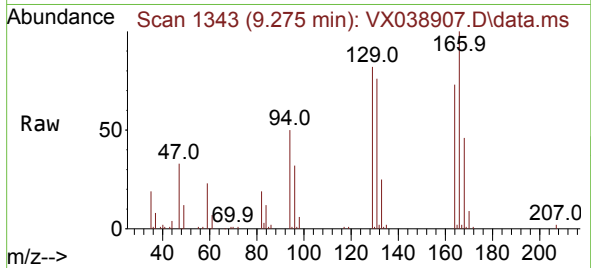




#64
Tetrachloroethene
Concen: 10.506 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

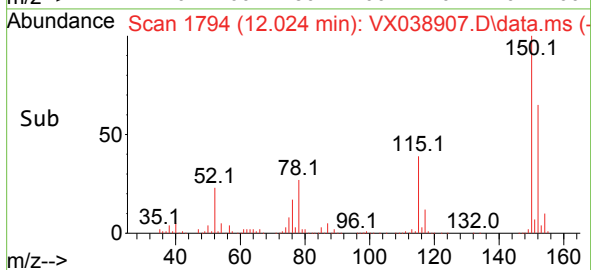
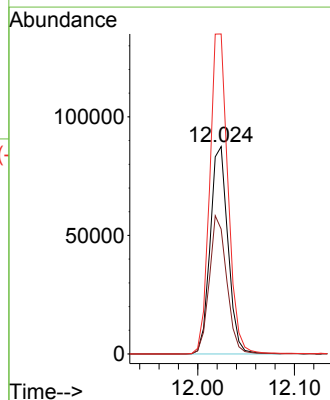
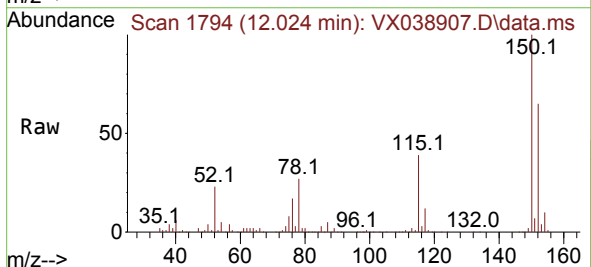
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20231109

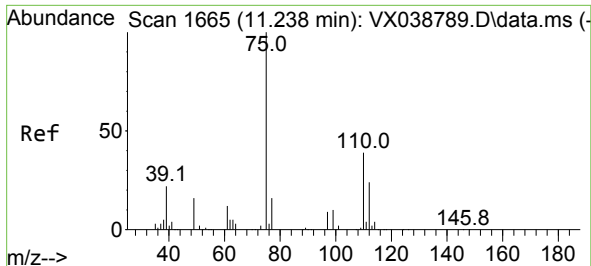
Tgt Ion:164 Resp: 14595
Ion Ratio Lower Upper
164 100
166 136.6 102.7 154.1
129 111.4 80.4 120.6
131 104.2 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

Tgt Ion:152 Resp: 112097
Ion Ratio Lower Upper
152 100
115 65.3 43.3 129.9
150 158.5 0.0 345.0

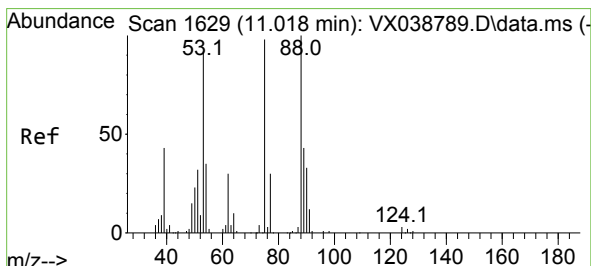
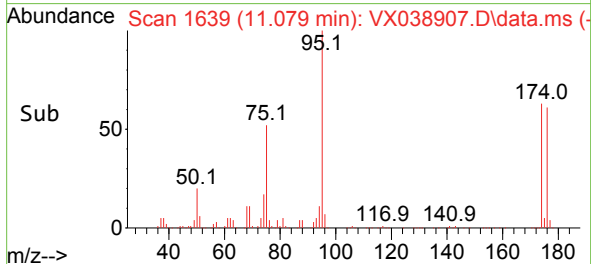
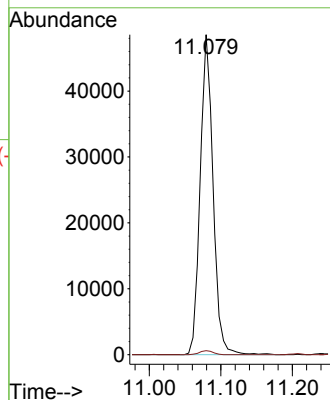
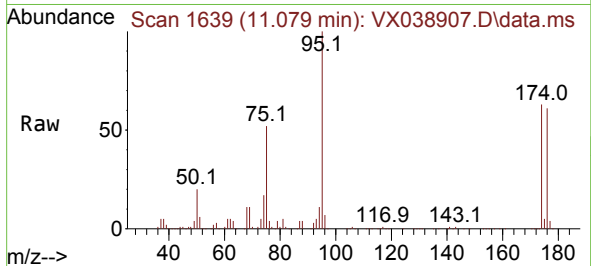




#76
1,2,3-Trichloropropane
Concen: 21.640 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20231109

Tgt Ion: 75 Resp: 60522
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 47.999 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038907.D
Acq: 18 Nov 2023 04:21

Tgt Ion: 75 Resp: 60522
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#

