

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038926.D
 Acq On : 18 Nov 2023 14:22
 Operator : JC/MD
 Sample : 05404-23DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

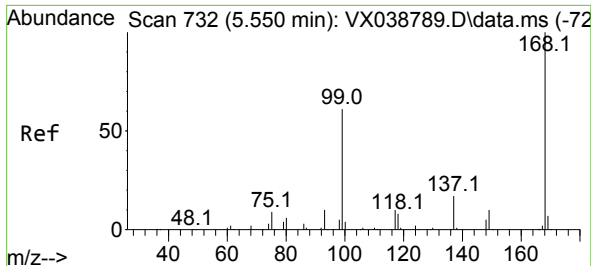
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20231109DL

Quant Time: Nov 20 04:34:56 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	104699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211296	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82938	49.161	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.320%		
35) Dibromofluoromethane	5.391	113	67908	44.500	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.000%		
50) Toluene-d8	8.647	98	263751	45.173	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.340%#		
62) 4-Bromofluorobenzene	11.079	95	113322	48.485	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.980%		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	1517	1.174	ug/l #	87
11) Tert butyl alcohol	2.953	59	844	1.799	ug/l #	94
12) 1,1-Dichloroethene	2.318	96	505	0.387	ug/l #	80
13) Acrolein	2.239	56	167	0.673	ug/l #	14
16) Acetone	2.379	43	856	0.953	ug/l #	78
20) Methylene Chloride	2.794	84	3795	2.344	ug/l #	93
25) 2-Butanone	4.544	43	311	0.214	ug/l #	51
27) cis-1,2-Dichloroethene	4.507	96	983	0.586	ug/l	78
36) 1,1-Dichloropropene	5.556	75	9715	4.442	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11698	5.787	ug/l #	15
41) Methacrylonitrile	4.922	41	316	0.214	ug/l #	38
44) Trichloroethene	7.129	130	49525	31.453	ug/l	96
60) Dibromochloromethane	9.275	129	1691	0.993	ug/l #	11
64) Tetrachloroethene	9.281	164	1522	1.154	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	59463	22.917	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59463	50.832	ug/l #	5

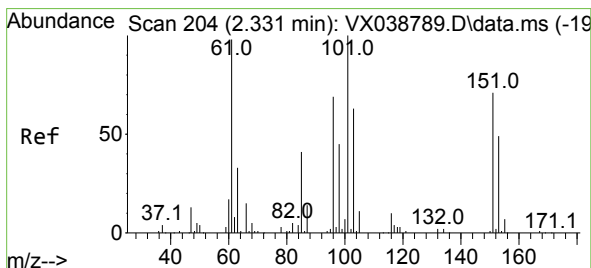
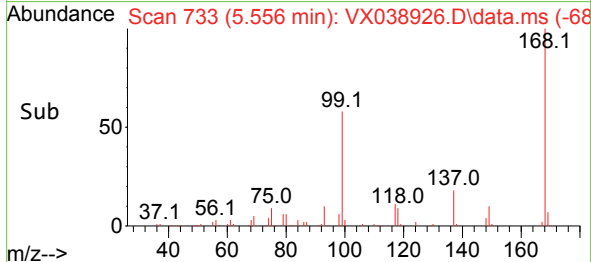
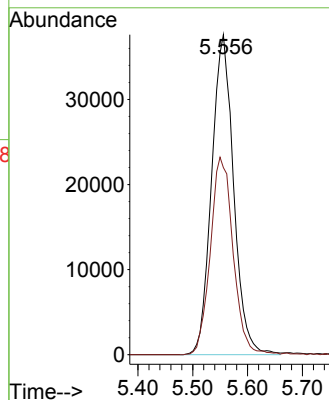
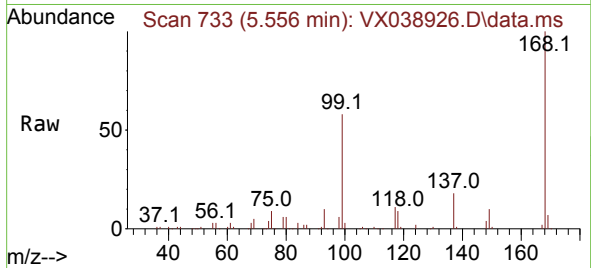
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038926.D
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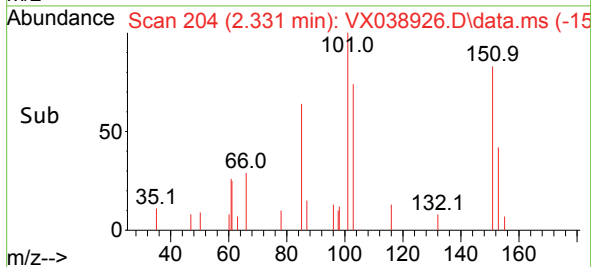
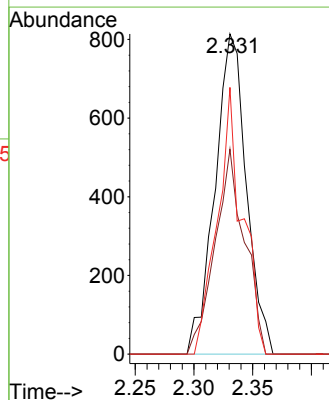
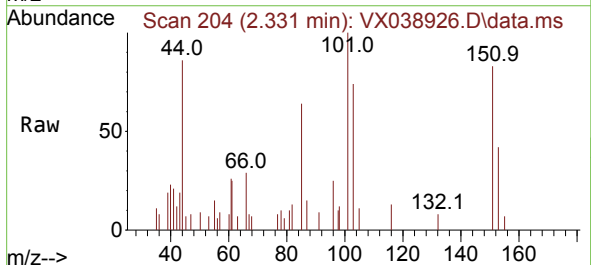
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MSVOA_X
ClientSampleId :
RE125D2-20231109DL

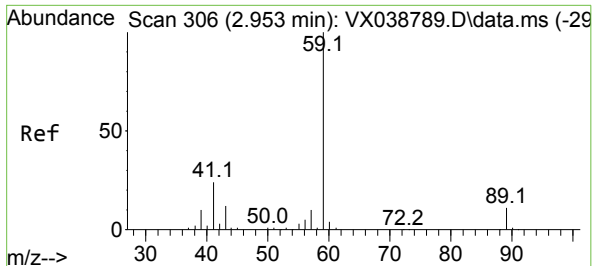
Tgt Ion:168 Resp: 104699
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.174 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

Tgt Ion:101 Resp: 1517
Ion Ratio Lower Upper
101 100
85 60.3 37.0 55.6#
151 66.5 58.6 87.8

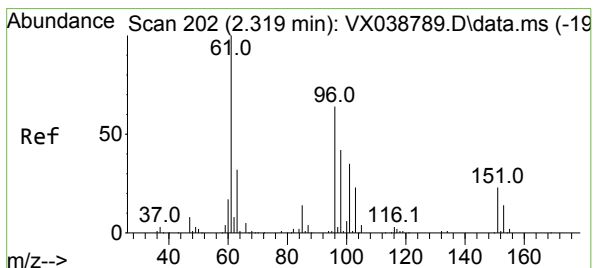
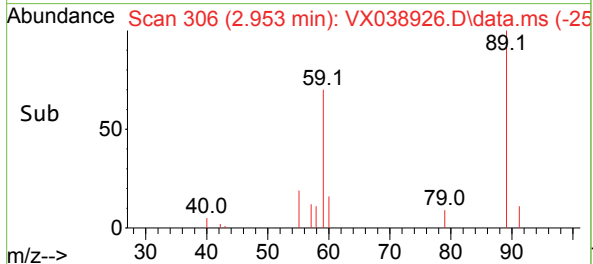
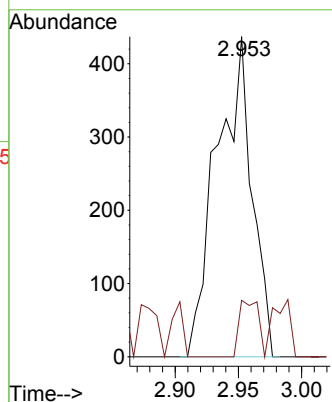
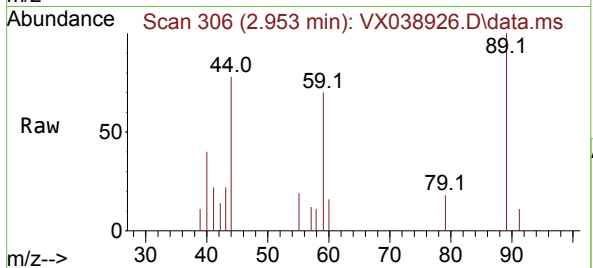




#11
Tert butyl alcohol
Concen: 1.799 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

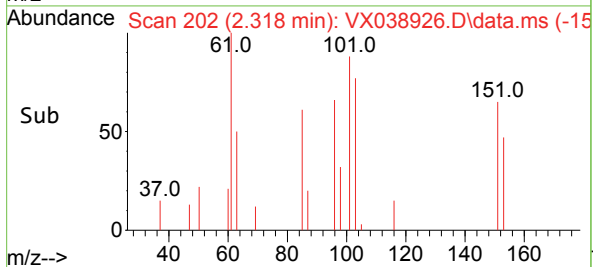
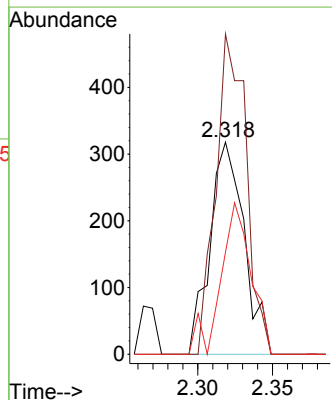
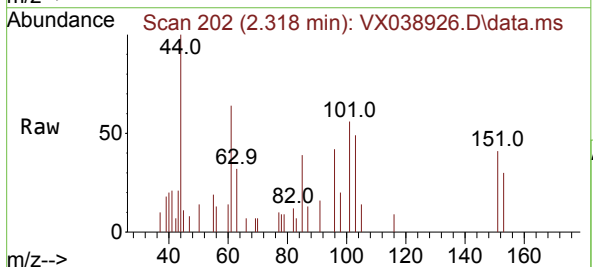
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MSVOA_X
ClientSampleId :
RE125D2-20231109DL

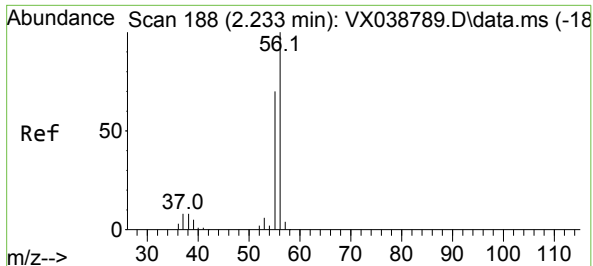
Tgt Ion: 59 Resp: 844
Ion Ratio Lower Upper
59 100
57 9.6 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 0.387 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

Tgt Ion: 96 Resp: 505
Ion Ratio Lower Upper
96 100
61 150.9 144.6 216.8
98 48.1 50.4 75.6#





#13

Acrolein

Concen: 0.673 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038926.D

Acq: 18 Nov 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

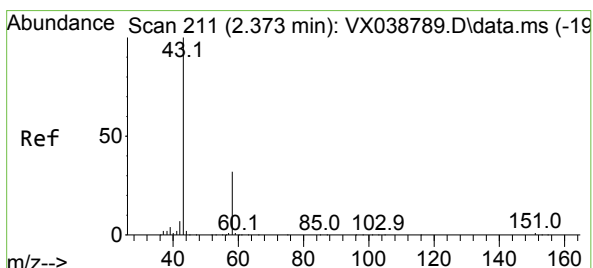
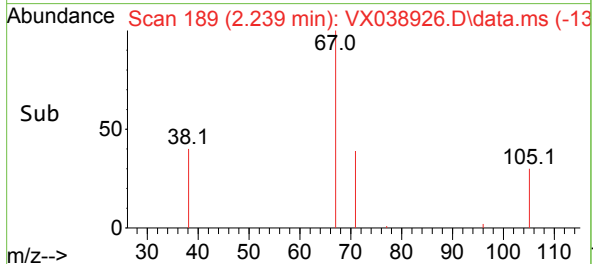
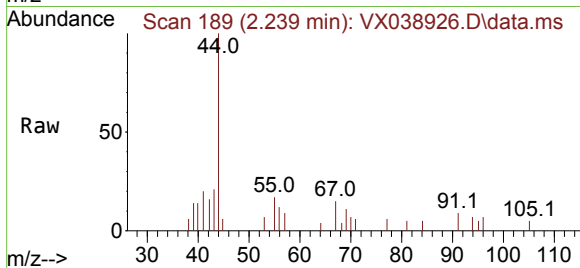
RE125D2-20231109DL

Tgt Ion: 56 Resp: 167

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#16

Acetone

Concen: 0.953 ug/l

RT: 2.379 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX038926.D

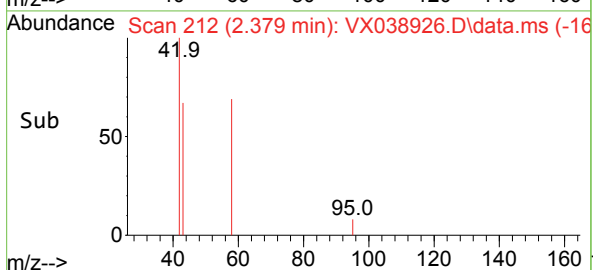
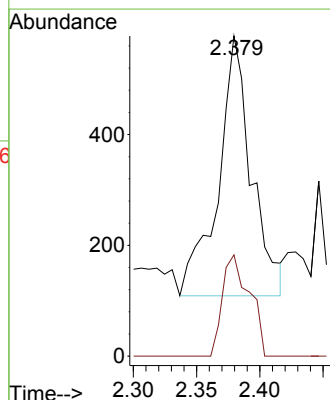
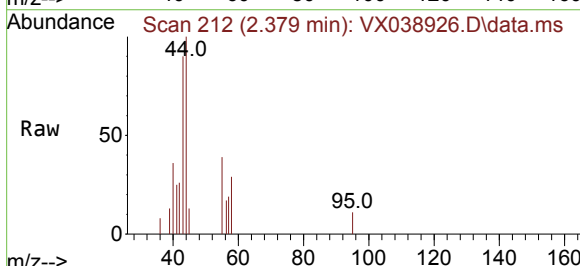
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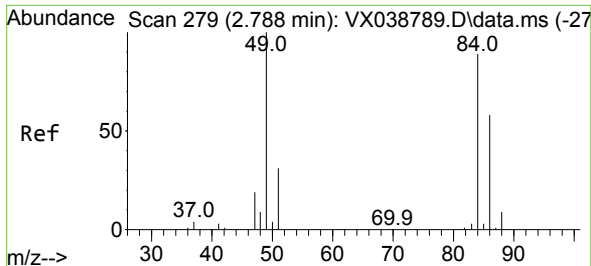
Tgt Ion: 43 Resp: 856

Ion Ratio Lower Upper

43 100

58 39.0 21.9 32.9#

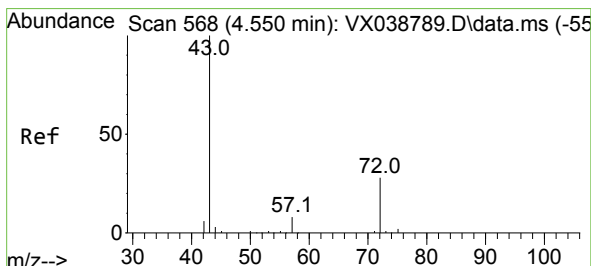
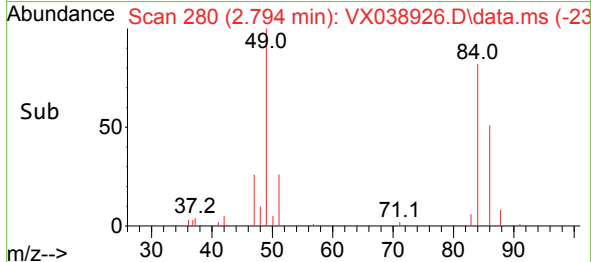
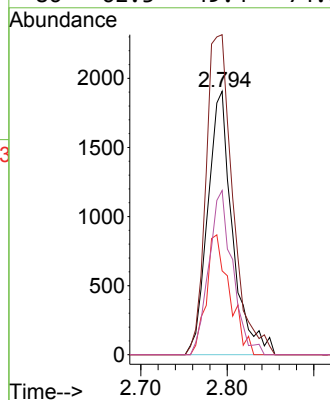
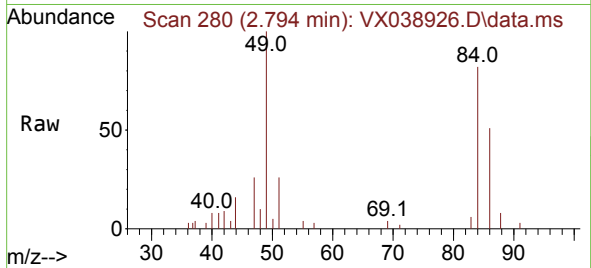




#20
Methylene Chloride
Concen: 2.344 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

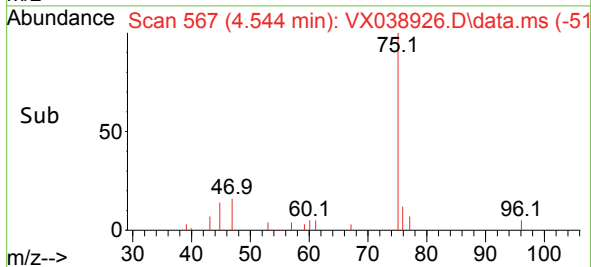
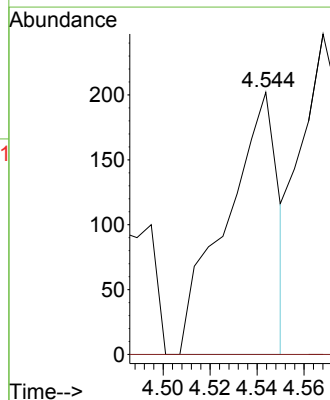
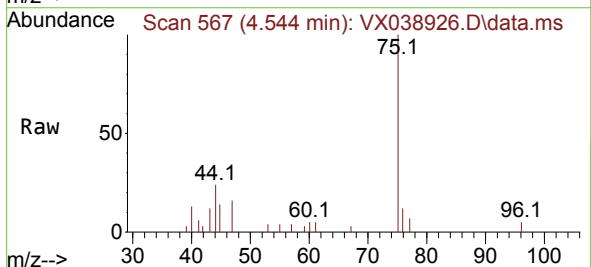
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20231109DL

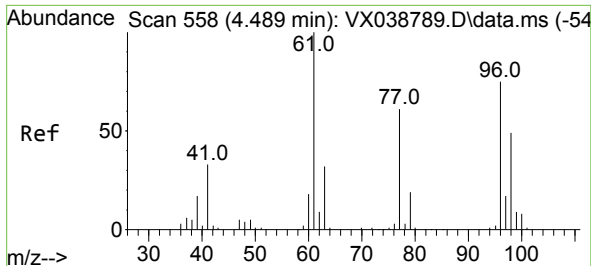
Tgt Ion: 84 Resp: 3795
Ion Ratio Lower Upper
84 100
49 121.5 103.6 155.4
51 31.8 33.8 50.6#
86 62.3 49.4 74.0



#25
2-Butanone
Concen: 0.214 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

Tgt Ion: 43 Resp: 311
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#





#27

cis-1,2-Dichloroethene

Concen: 0.586 ug/l

RT: 4.507 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX038926.D

Acq: 18 Nov 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20231109DL

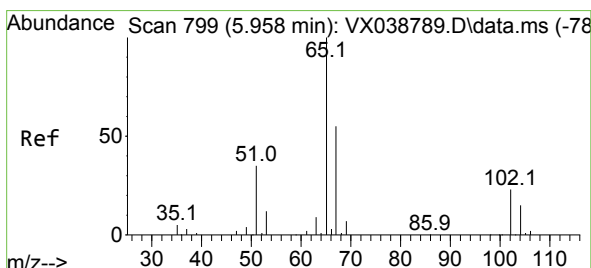
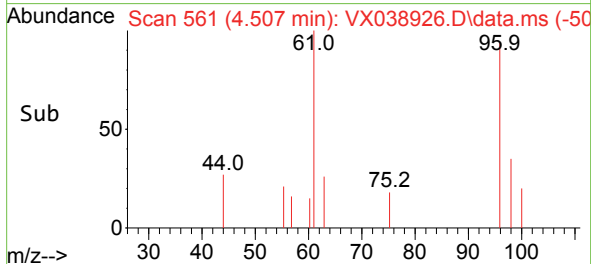
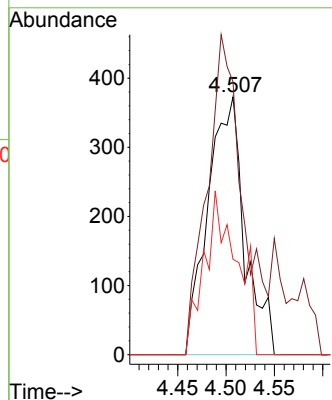
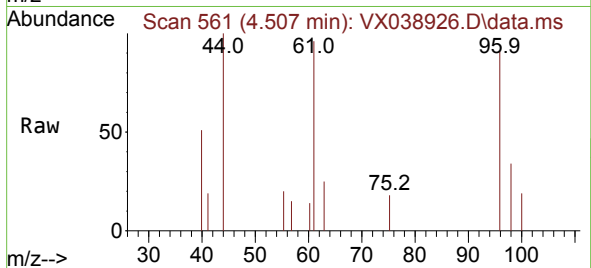
Tgt Ion: 96 Resp: 983

Ion Ratio Lower Upper

96 100

61 120.9 0.0 312.2

98 57.1 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 49.161 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038926.D

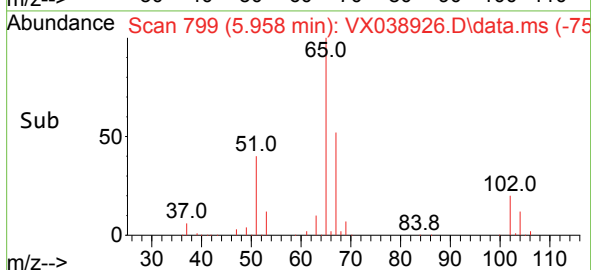
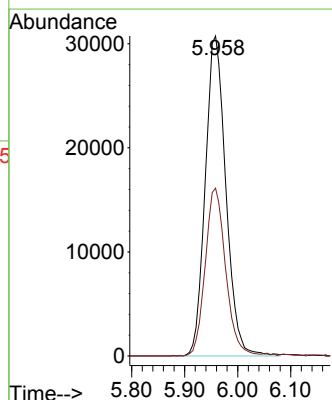
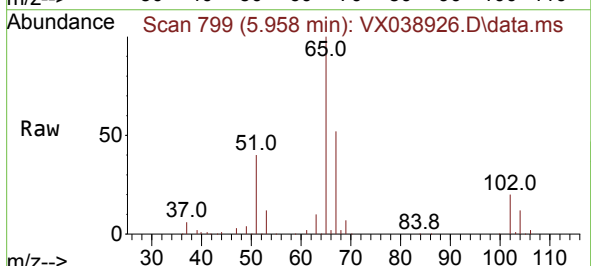
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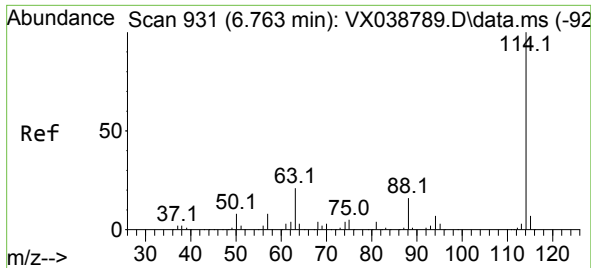
Tgt Ion: 65 Resp: 82938

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.2

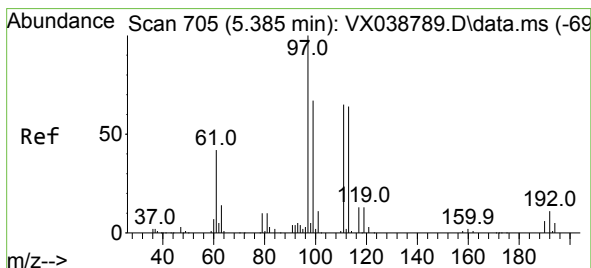
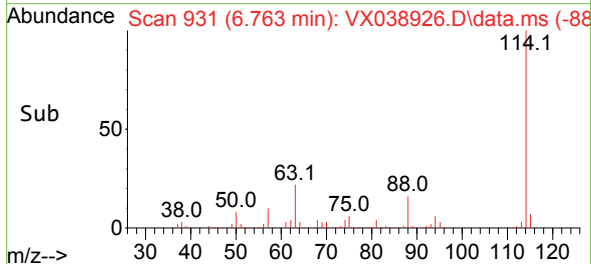
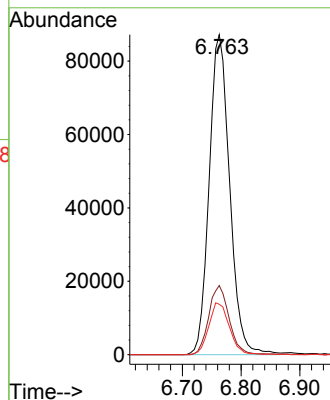
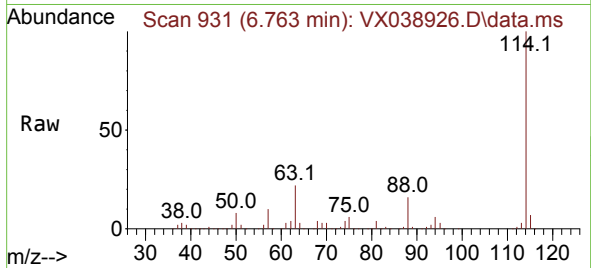




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

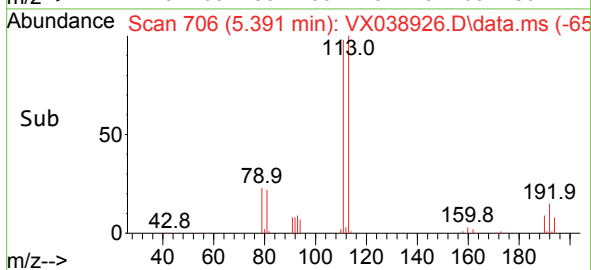
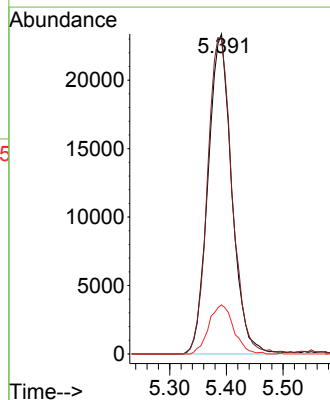
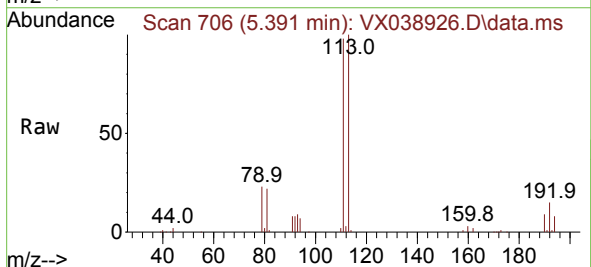
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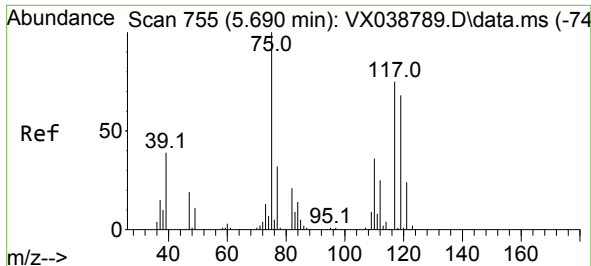
Tgt Ion:114 Resp: 211296
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.500 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

Tgt Ion:113 Resp: 67908
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 16.1 13.3 19.9

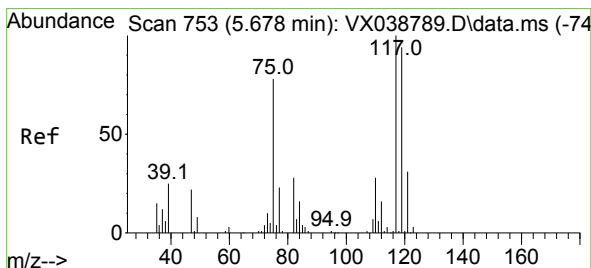
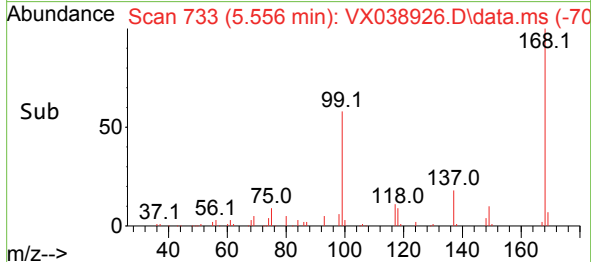
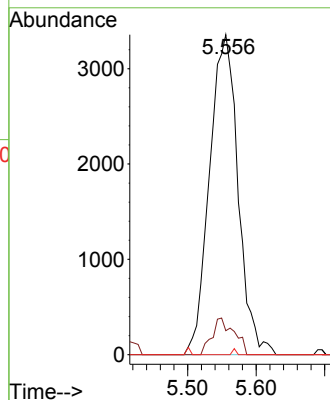
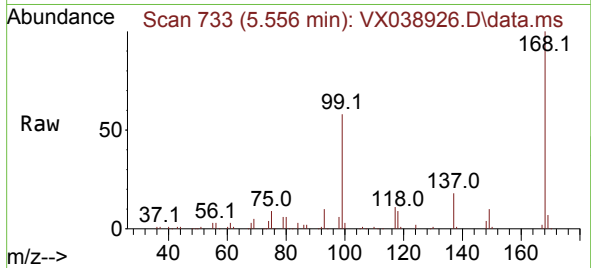




#36
1,1-Dichloropropene
Concen: 4.442 ug/l
RT: 5.556 min Scan# 715
Delta R.T. -0.134 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

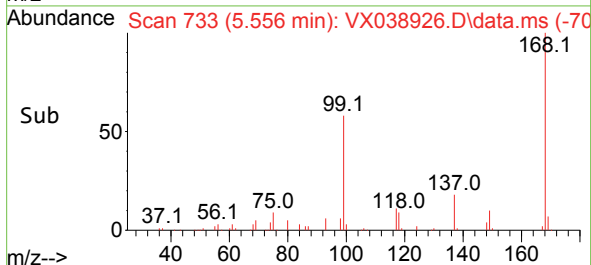
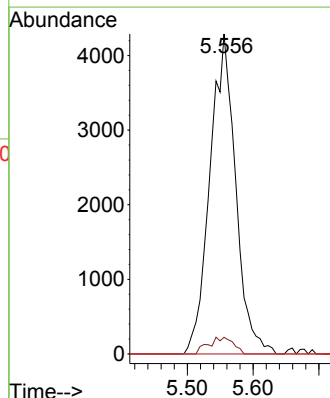
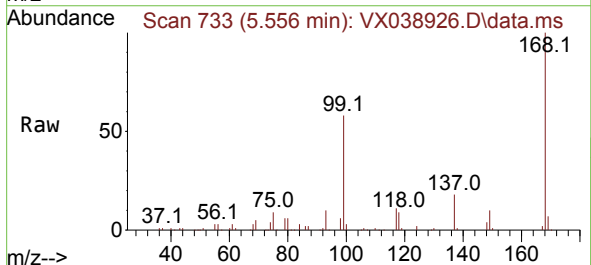
Instrument :
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ClientSampleId :
RE125D2-20231109DL

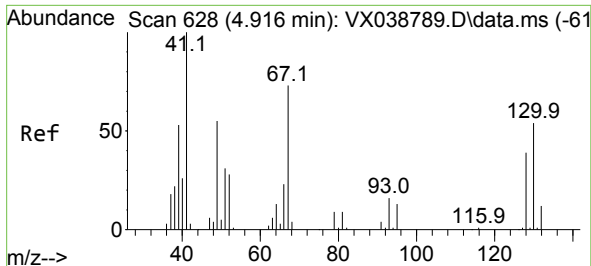
Tgt Ion: 75 Resp: 9715
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.2 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.787 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

Tgt Ion: 117 Resp: 11698
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#

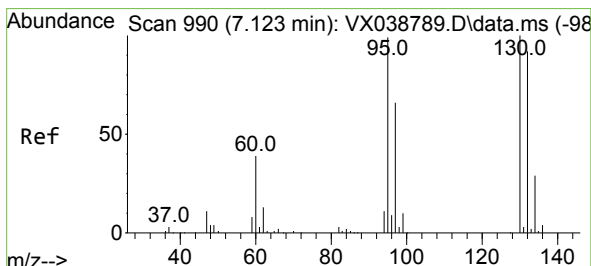
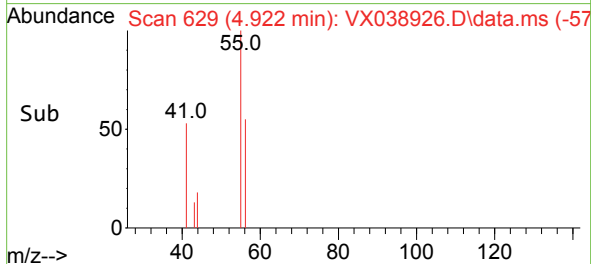
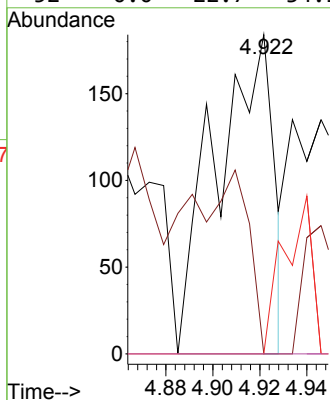
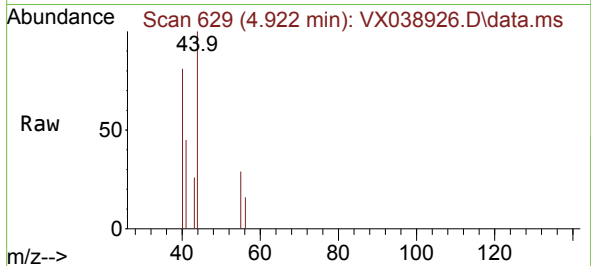




#41
Methacrylonitrile
Concen: 0.214 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

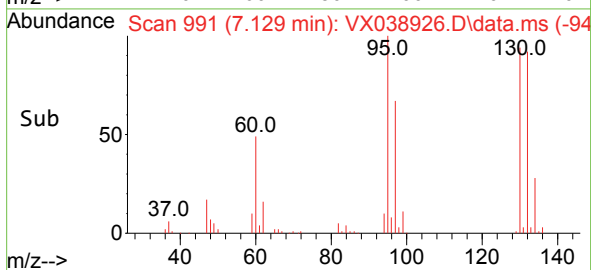
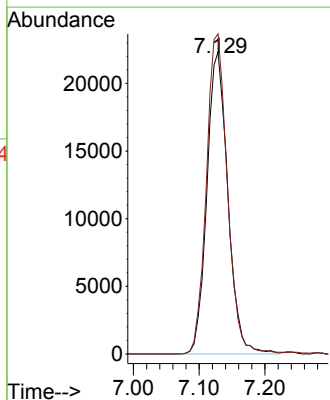
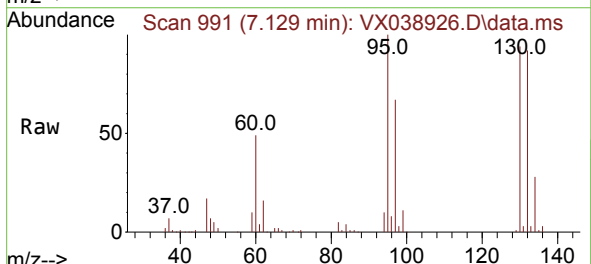
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20231109DL

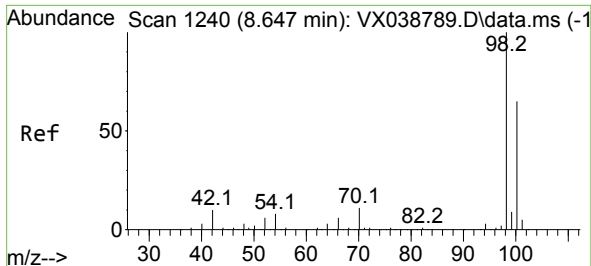
Tgt Ion: 41 Resp: 316
Ion Ratio Lower Upper
41 100
39 0.0 45.2 67.8#
67 24.1 52.6 78.8#
52 0.0 22.7 34.1#



#44
Trichloroethene
Concen: 31.453 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

Tgt Ion:130 Resp: 49525
Ion Ratio Lower Upper
130 100
95 106.0 0.0 204.4

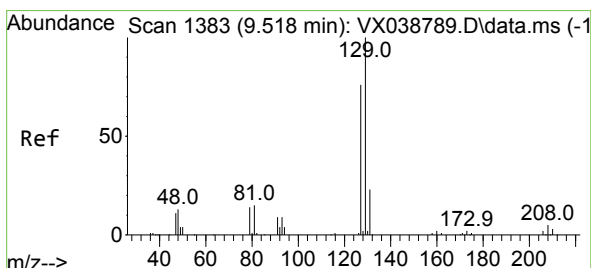
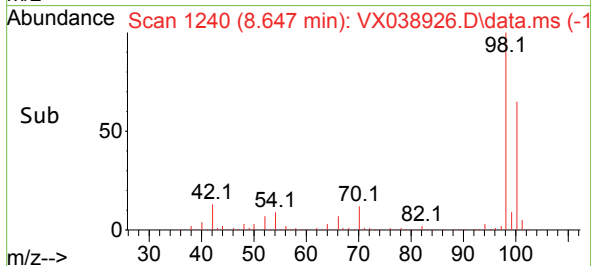
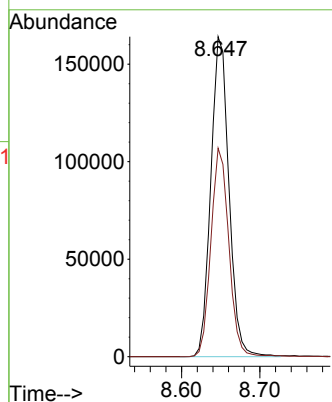
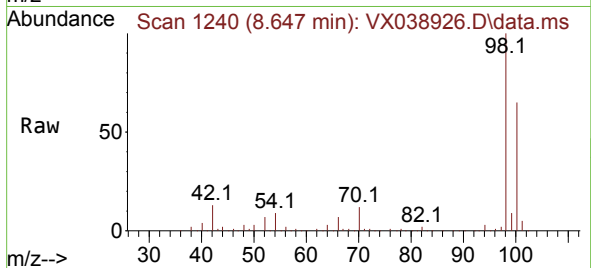




#50
Toluene-d8
Concen: 45.173 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

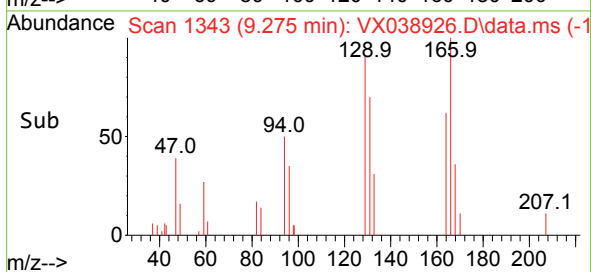
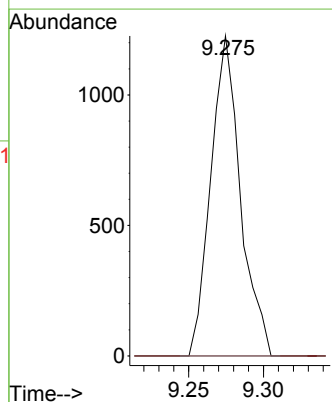
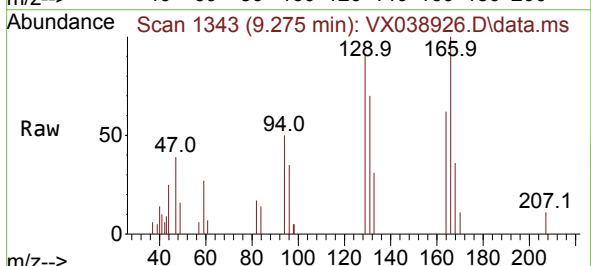
Instrument :
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ClientSampleId :
RE125D2-20231109DL

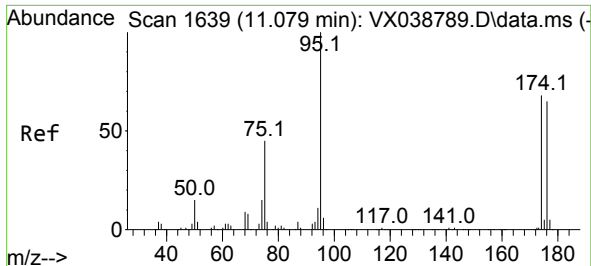
Tgt Ion: 98 Resp: 263751
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7



#60
Dibromochloromethane
Concen: 0.993 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

Tgt Ion:129 Resp: 1691
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

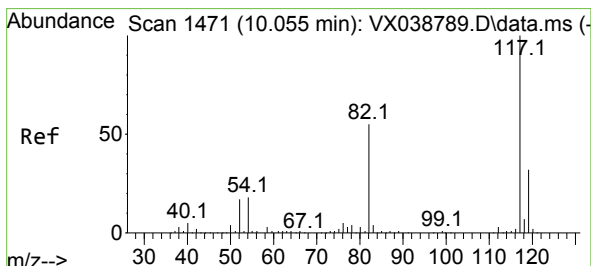
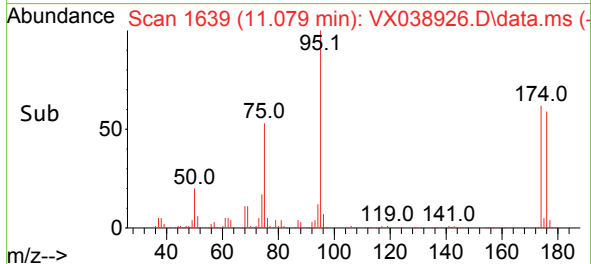
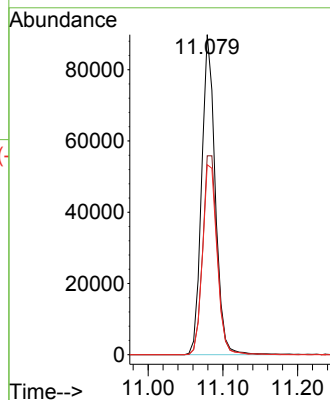
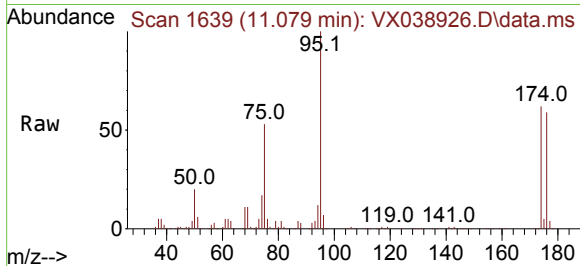




#62
4-Bromofluorobenzene
Concen: 48.485 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

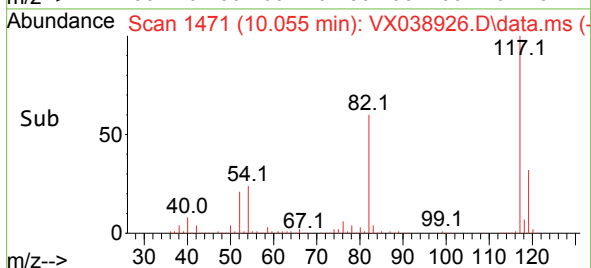
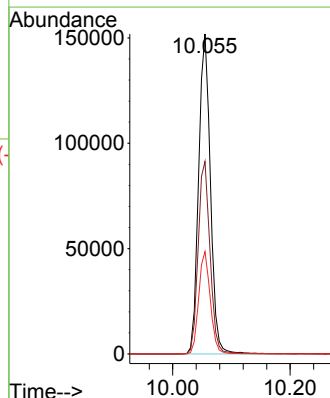
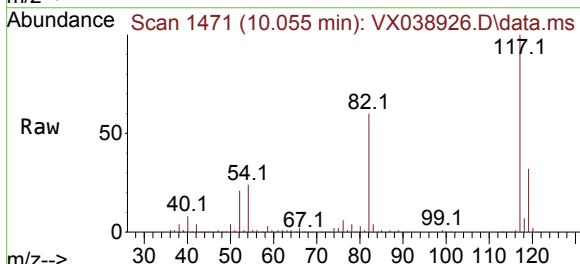
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20231109DL

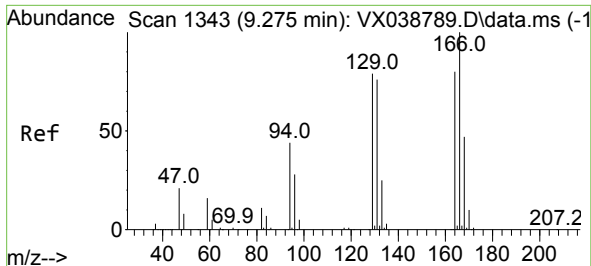
Tgt Ion: 95 Resp: 113322
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.6
176 63.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

Tgt Ion: 117 Resp: 212125
Ion Ratio Lower Upper
117 100
82 60.2 46.2 69.4
119 32.0 25.5 38.3

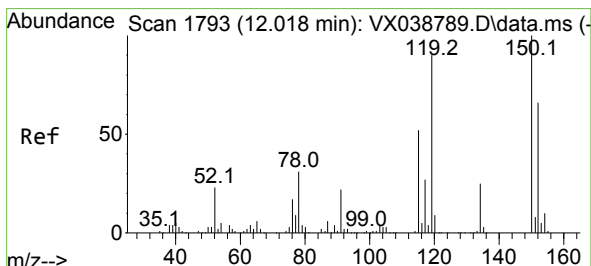
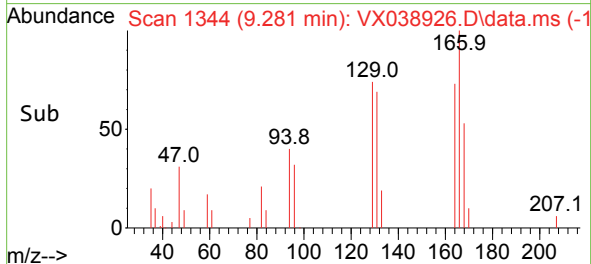
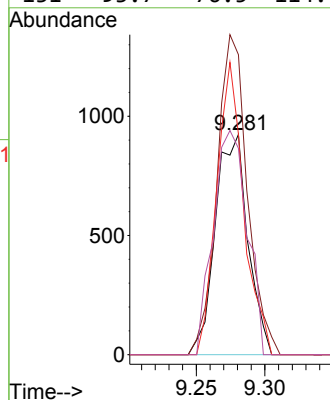
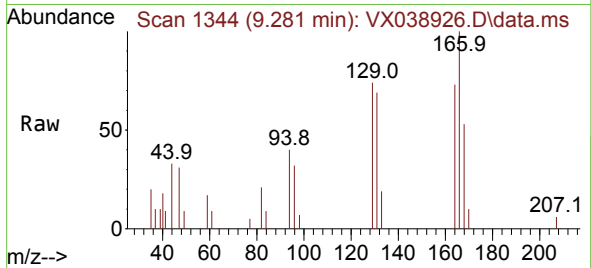




#64
Tetrachloroethene
Concen: 1.154 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

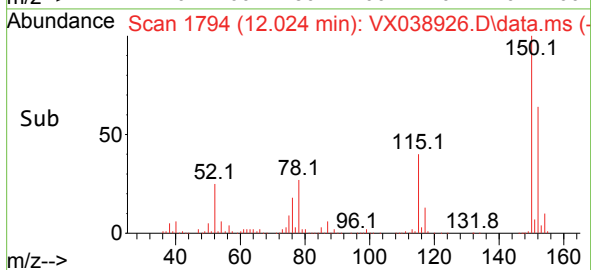
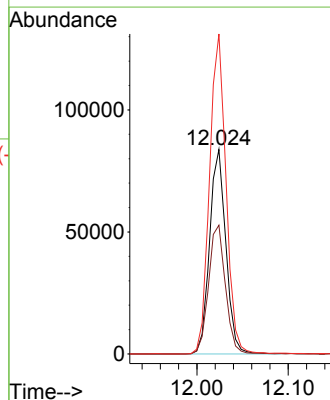
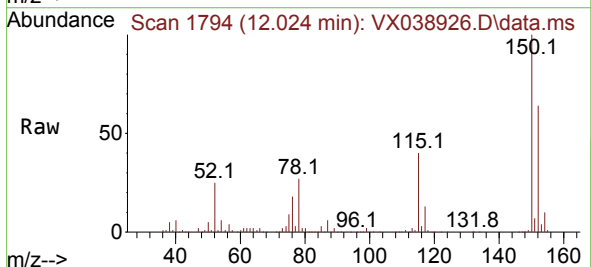
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20231109DL

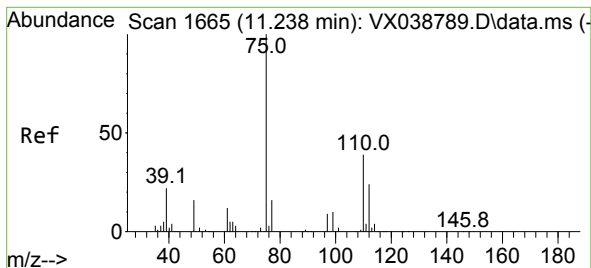
Tgt Ion:164 Resp: 1522
Ion Ratio Lower Upper
164 100
166 136.1 102.7 154.1
129 100.1 80.4 120.6
131 93.7 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038926.D
Acq: 18 Nov 2023 14:22

Tgt Ion:152 Resp: 103997
Ion Ratio Lower Upper
152 100
115 65.3 43.3 129.9
150 158.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.917 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038926.D

Acq: 18 Nov 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

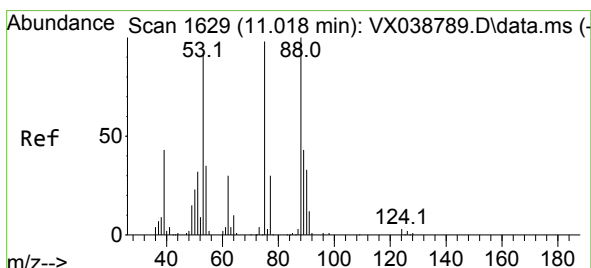
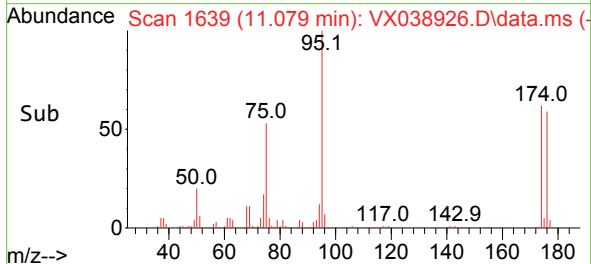
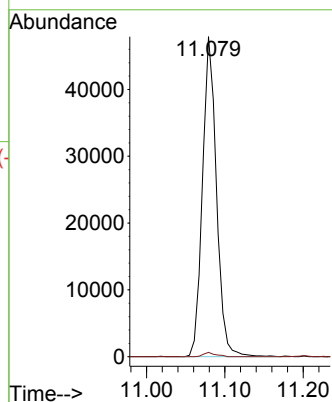
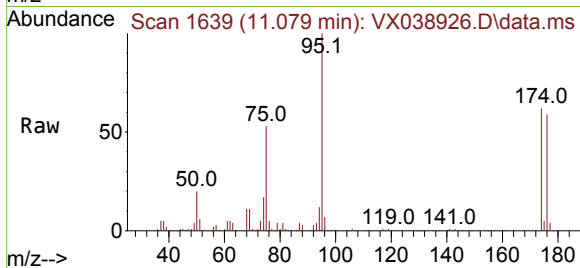
RE125D2-20231109DL

Tgt Ion: 75 Resp: 59463

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 50.832 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038926.D

Acq: 18 Nov 2023 14:22

Tgt Ion: 75 Resp: 59463

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

