

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
 Data File : VX037278.D
 Acq On : 25 Aug 2023 17:58
 Operator : JC/MD
 Sample : 04095-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20230818

Quant Time: Aug 26 02:24:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

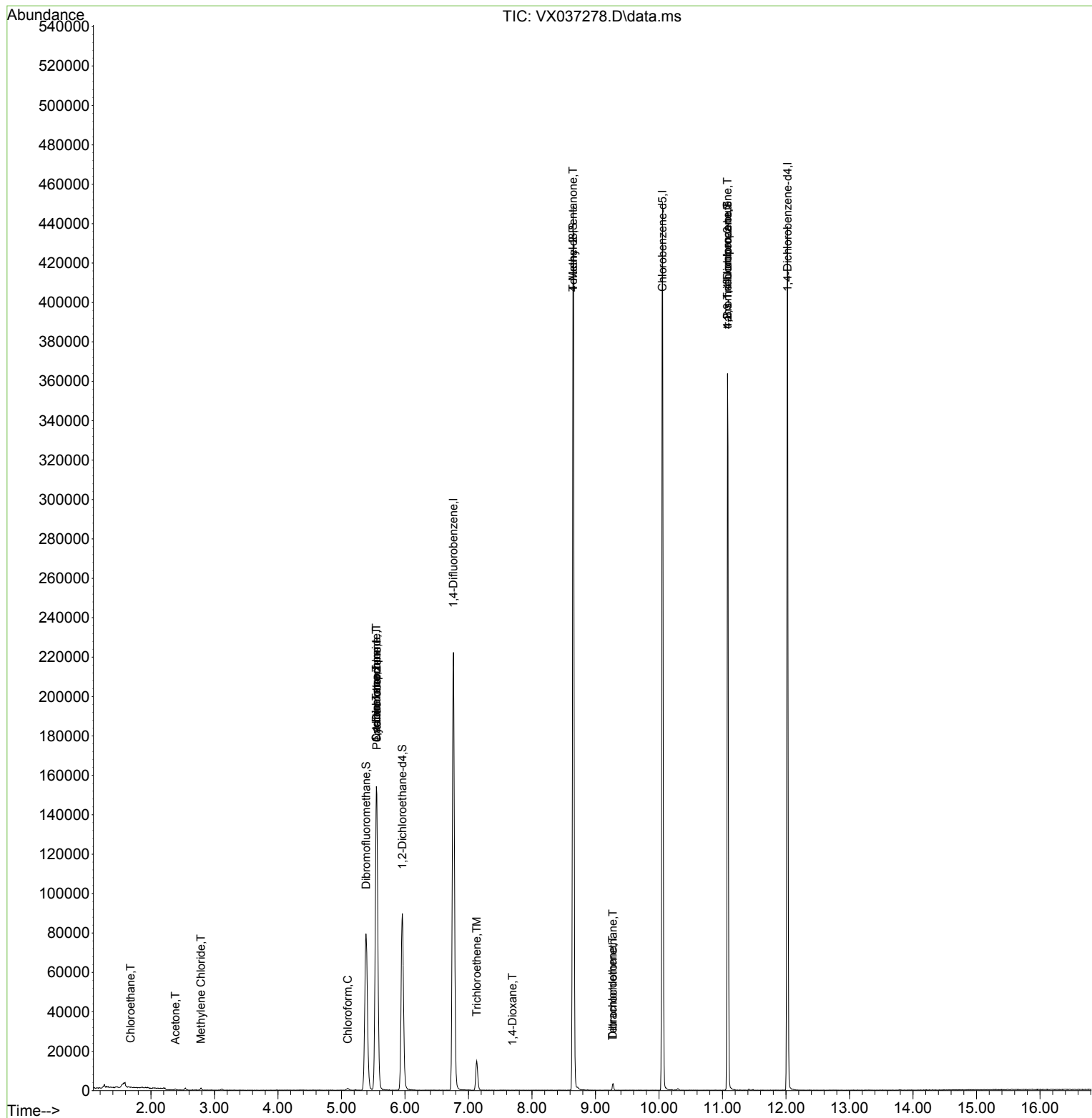
Internal Standards						
1) Pentafluorobenzene	5.556	168	142789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234558	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88765	43.120	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.240%		
35) Dibromofluoromethane	5.385	113	72184	46.468	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.940%		
50) Toluene-d8	8.647	98	274567	48.727	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.460%		
62) 4-Bromofluorobenzene	11.079	95	99132	44.767	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.540%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.679	64	190	0.204	ug/l #	43
16) Acetone	2.386	43	581	0.721	ug/l	97
20) Methylene Chloride	2.788	84	474	0.263	ug/l #	85
30) Chloroform	5.099	83	1257	0.382	ug/l	92
31) Cyclohexane	5.550	56	2937	1.269	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11551	5.234	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15549	6.486	ug/l #	15
44) Trichloroethene	7.129	130	6239	3.476	ug/l	95
49) 1,4-Dioxane	7.690	88	52	1.106	ug/l #	12
51) 4-Methyl-2-Pentanone	8.647	43	959	0.441	ug/l #	1
60) Dibromochloromethane	9.275	129	710	0.392	ug/l #	11
64) Tetrachloroethene	9.269	164	716	0.475	ug/l #	85
76) 1,2,3-Trichloropropane	11.079	75	50154	25.393	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	50154	70.925	ug/l #	5

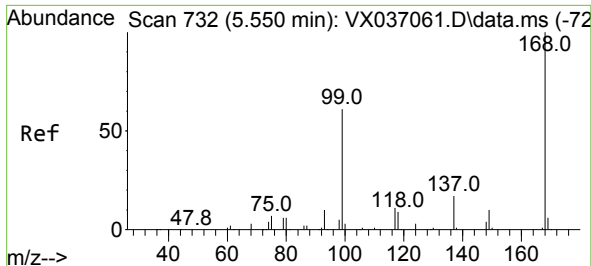
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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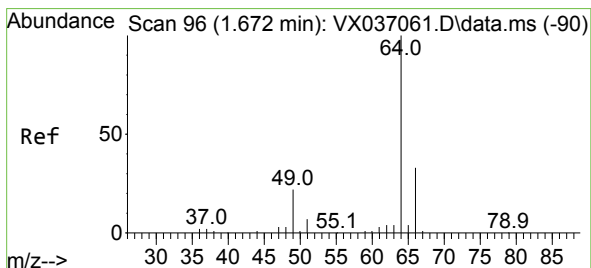
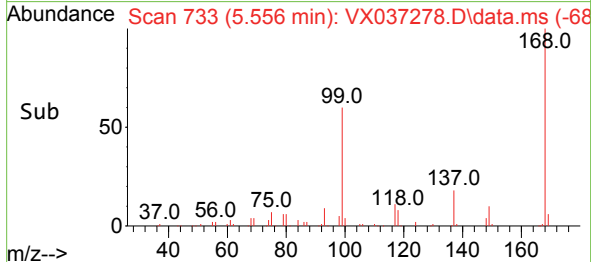
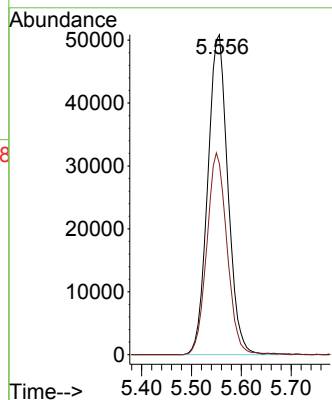
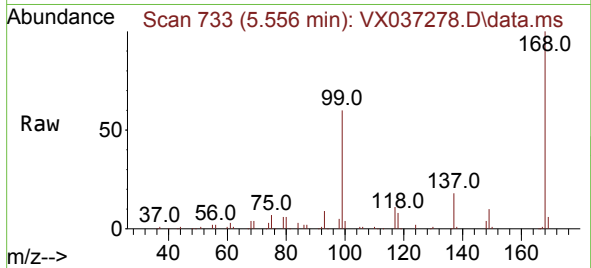




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037278.D
Acq: 25 Aug 2023 17:58

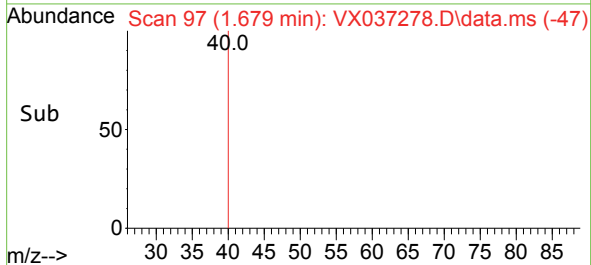
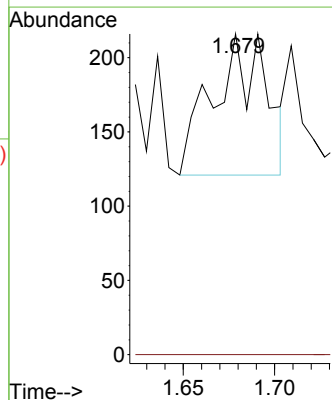
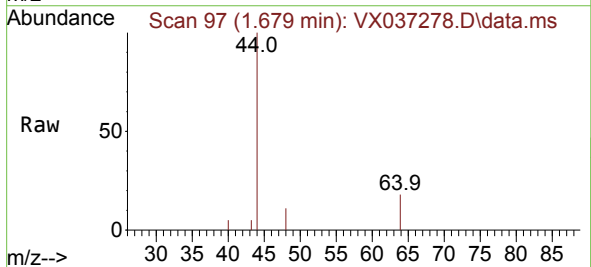
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20230818

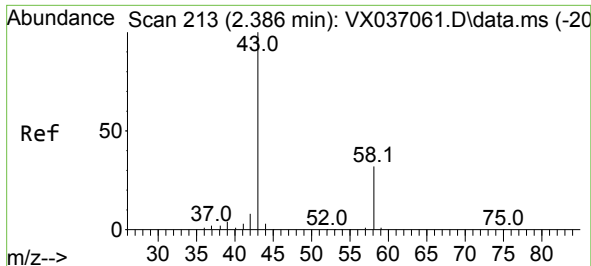
Tgt Ion:168 Resp: 142789
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0



#6
Chloroethane
Concen: 0.204 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.007 min
Lab File: VX037278.D
Acq: 25 Aug 2023 17:58

Tgt Ion: 64 Resp: 190
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

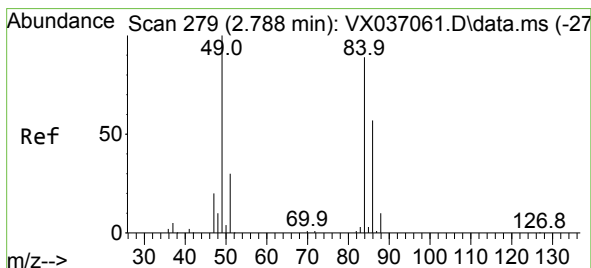
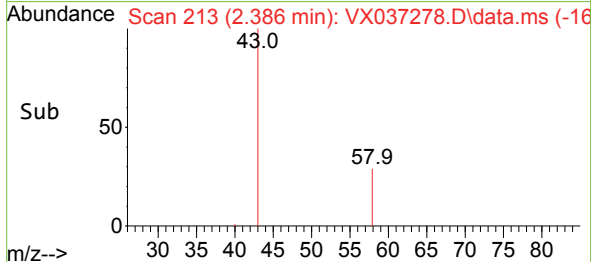
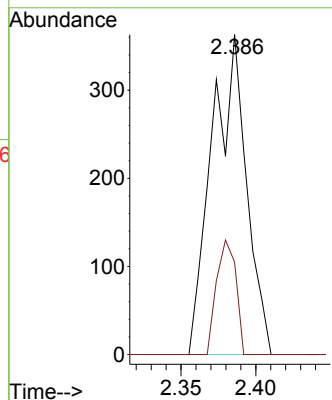
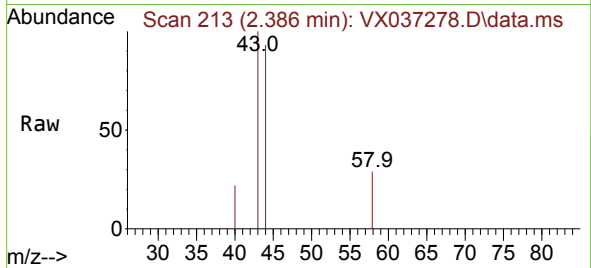




#16
Acetone
Concen: 0.721 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037278.D
Acq: 25 Aug 2023 17:58

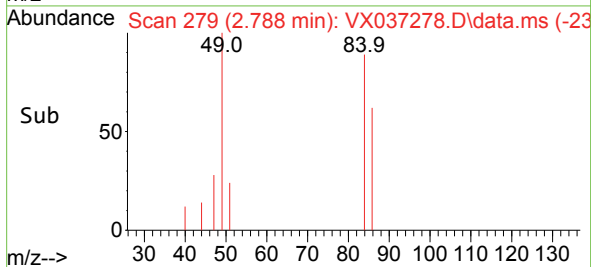
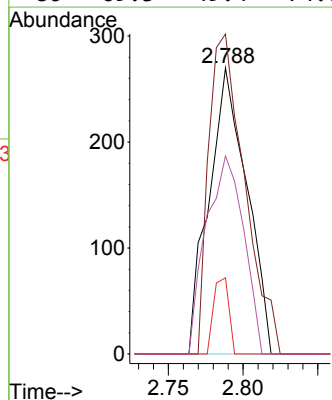
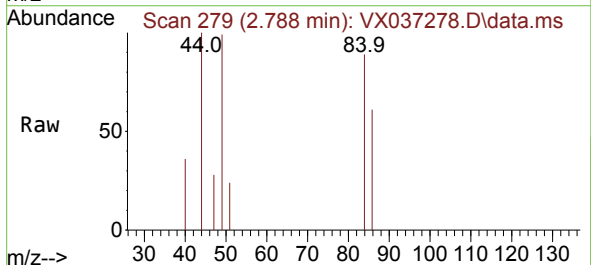
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20230818

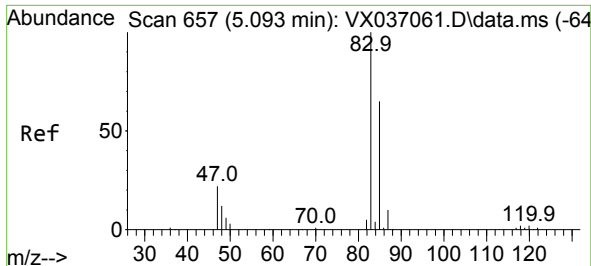
Tgt Ion: 43 Resp: 581
Ion Ratio Lower Upper
43 100
58 28.9 21.9 32.9



#20
Methylene Chloride
Concen: 0.263 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037278.D
Acq: 25 Aug 2023 17:58

Tgt Ion: 84 Resp: 474
Ion Ratio Lower Upper
84 100
49 111.9 103.6 155.4
51 26.7 33.8 50.6#
86 69.3 49.4 74.0





#30

Chloroform

Concen: 0.382 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX037278.D

Acq: 25 Aug 2023 17:58

Instrument :

MSVOA_X

ClientSampleId :

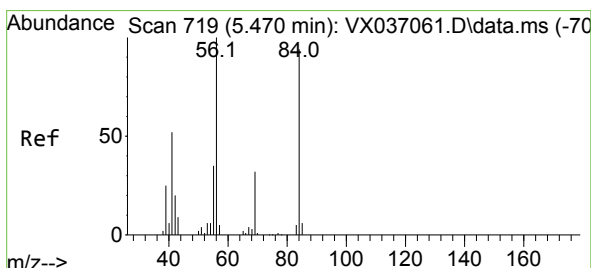
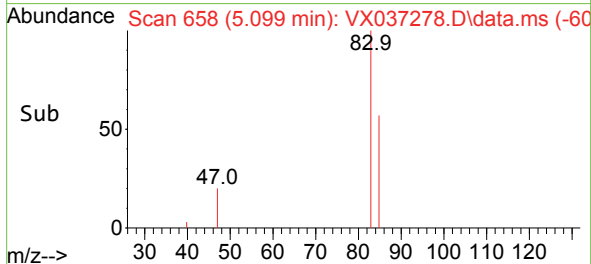
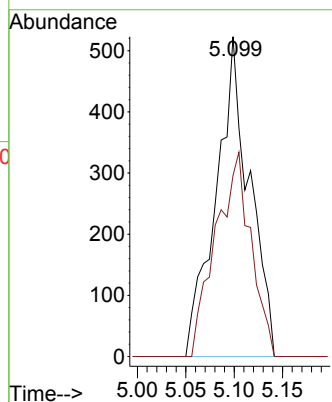
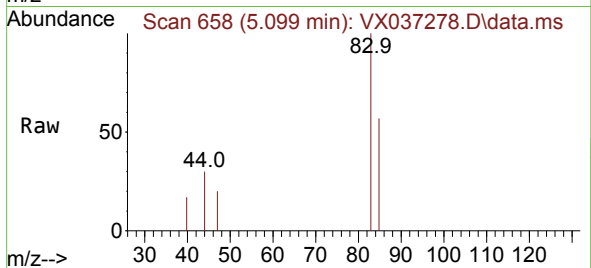
RE134D1-20230818

Tgt Ion: 83 Resp: 1257

Ion Ratio Lower Upper

83 100

85 56.6 50.3 75.5



#31

Cyclohexane

Concen: 1.269 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037278.D

Acq: 25 Aug 2023 17:58

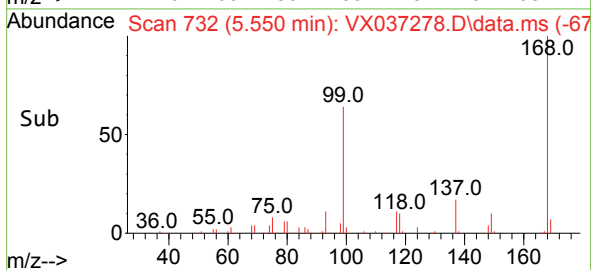
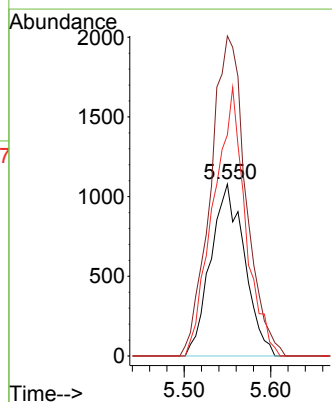
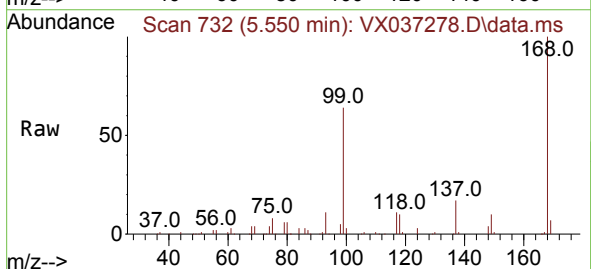
Tgt Ion: 56 Resp: 2937

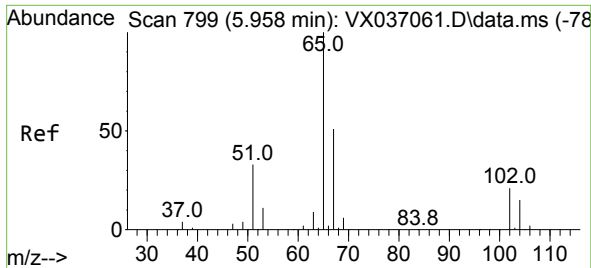
Ion Ratio Lower Upper

56 100

69 186.3 23.4 35.2#

84 128.8 65.9 98.9#

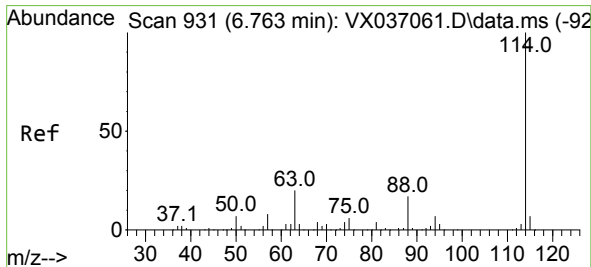
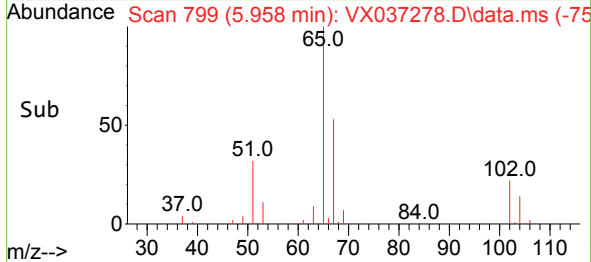
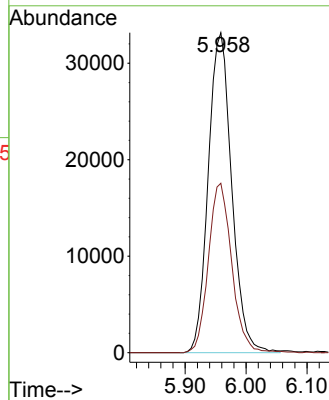
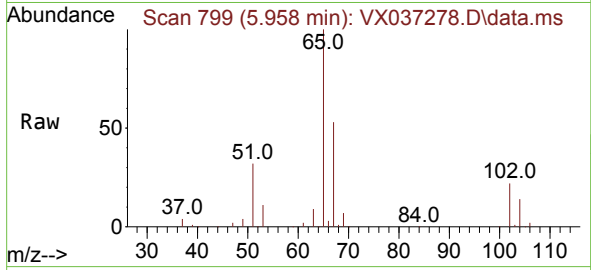




#33
1,2-Dichloroethane-d4
Concen: 43.120 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037278.D
Acq: 25 Aug 2023 17:58

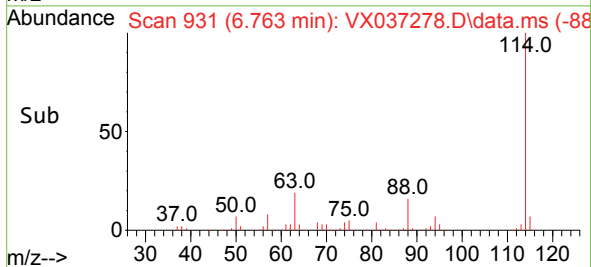
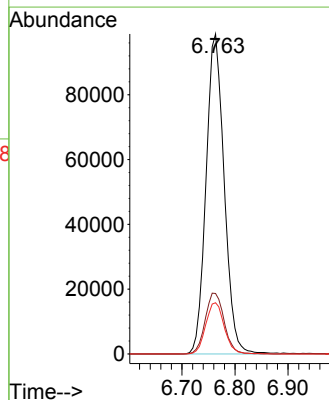
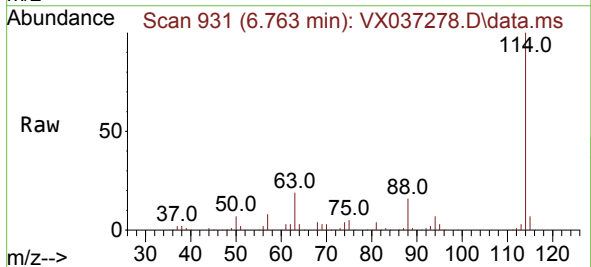
Instrument :
MSVOA_X
ClientSampleId :
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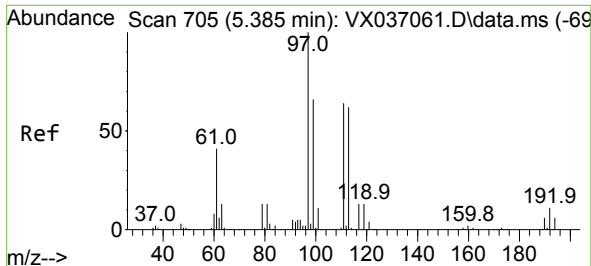
Tgt Ion: 65 Resp: 88765
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037278.D
Acq: 25 Aug 2023 17:58

Tgt Ion: 114 Resp: 234558
Ion Ratio Lower Upper
114 100
63 18.9 0.0 45.0
88 16.0 0.0 36.6

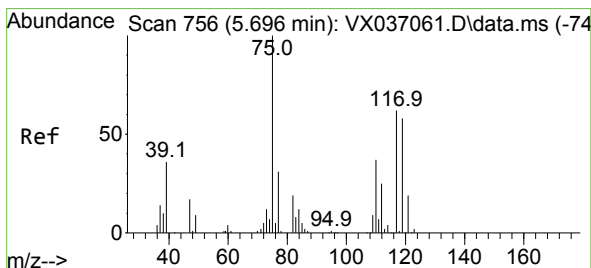
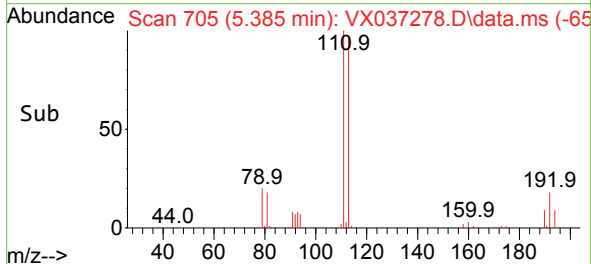
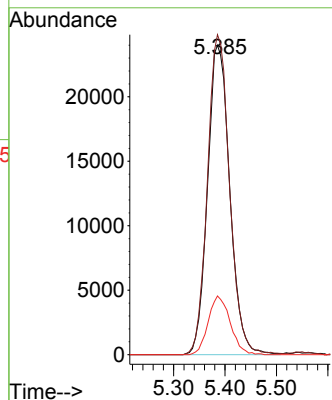
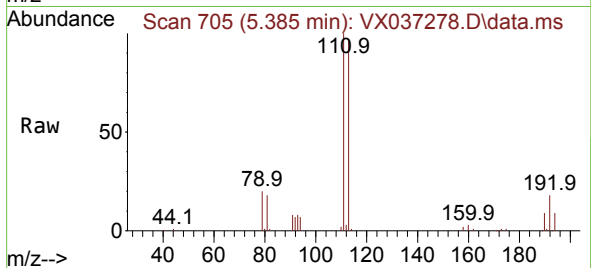




#35
Dibromofluoromethane
Concen: 46.468 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037278.D
Acq: 25 Aug 2023 17:58

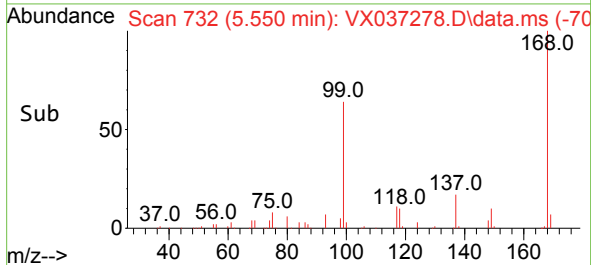
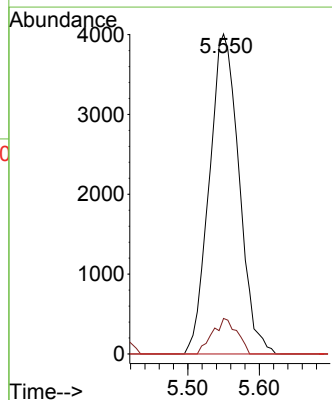
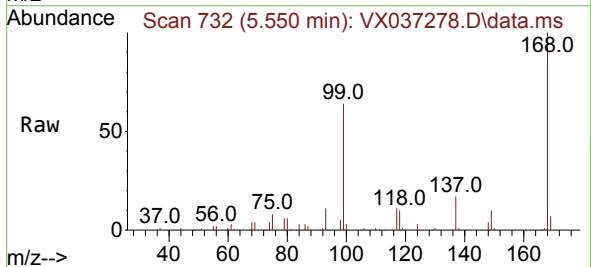
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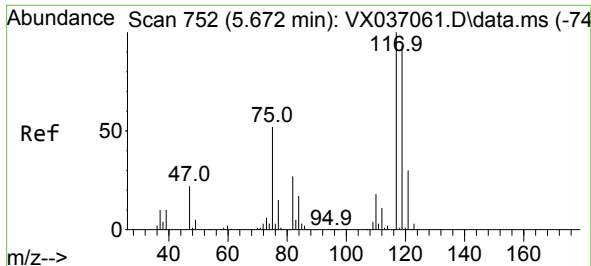
Tgt Ion:113 Resp: 72184
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.234 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037278.D
Acq: 25 Aug 2023 17:58

Tgt Ion: 75 Resp: 11551
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.486 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX037278.D

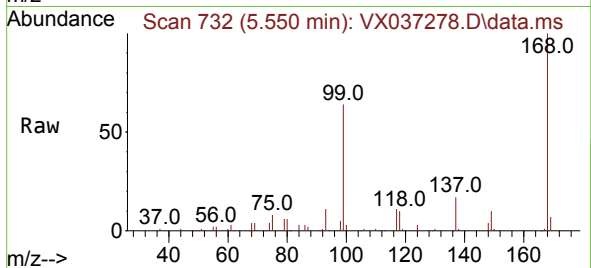
Acq: 25 Aug 2023 17:58

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20230818



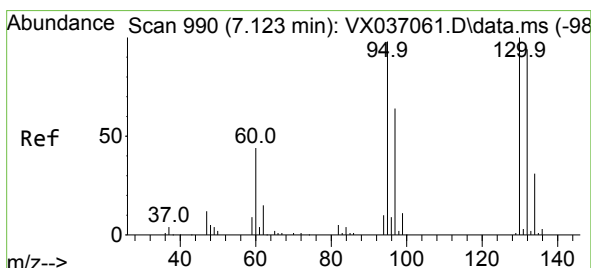
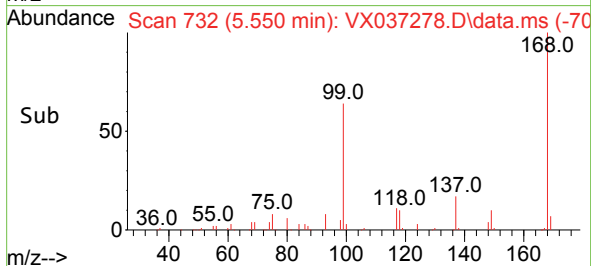
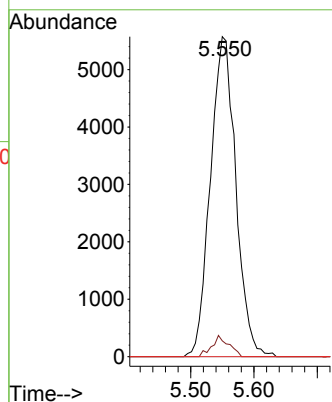
Tgt Ion:117 Resp: 15549

Ion Ratio Lower Upper

117 100

119 5.0 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 3.476 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037278.D

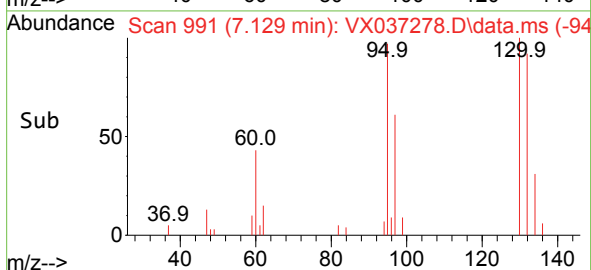
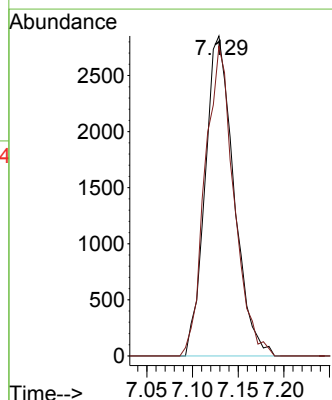
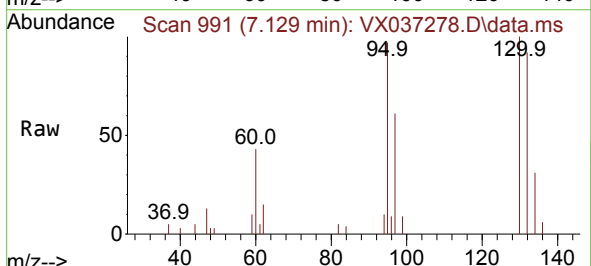
Acq: 25 Aug 2023 17:58

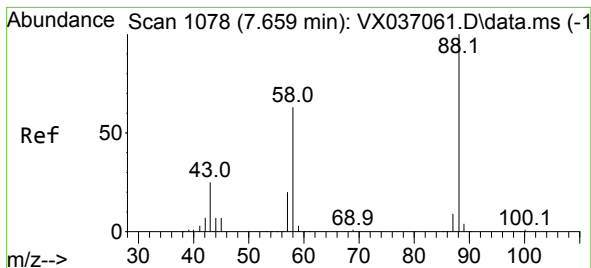
Tgt Ion:130 Resp: 6239

Ion Ratio Lower Upper

130 100

95 96.8 0.0 204.4





#49

1,4-Dioxane

Concen: 1.106 ug/l

RT: 7.690 min Scan# 1078

Delta R.T. 0.031 min

Lab File: VX037278.D

Acq: 25 Aug 2023 17:58

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20230818

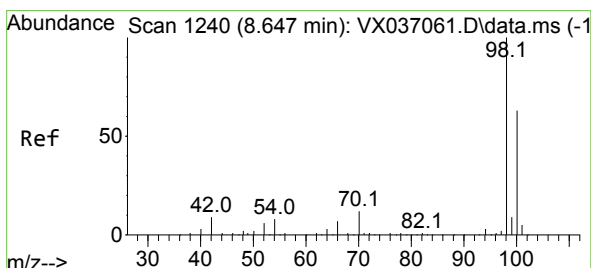
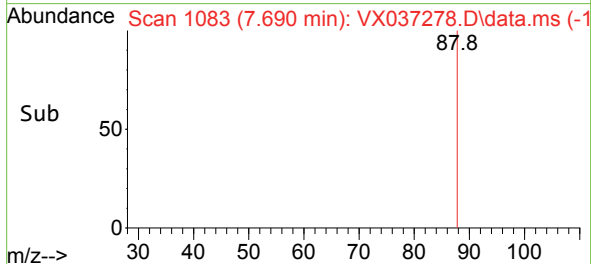
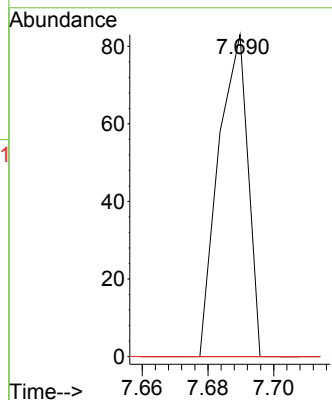
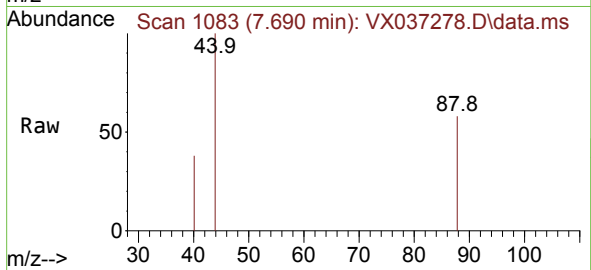
Tgt Ion: 88 Resp: 52

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 60.1 90.1#



#50

Toluene-d8

Concen: 48.727 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037278.D

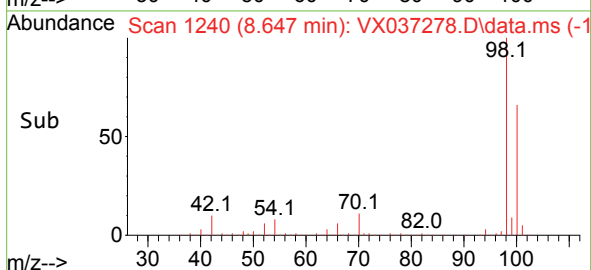
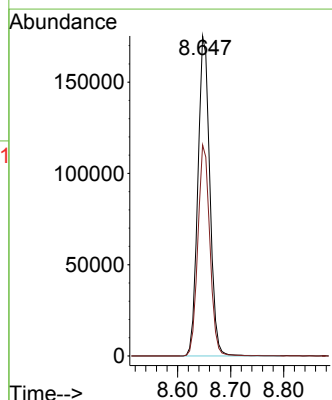
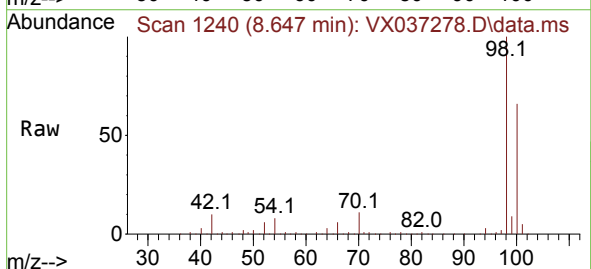
Acq: 25 Aug 2023 17:58

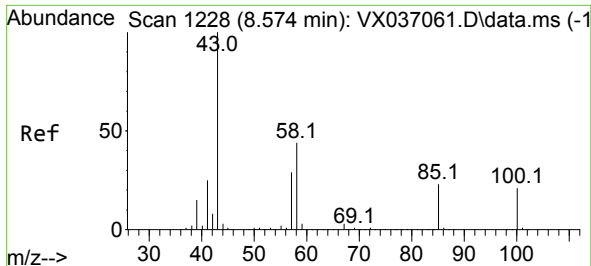
Tgt Ion: 98 Resp: 274567

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7

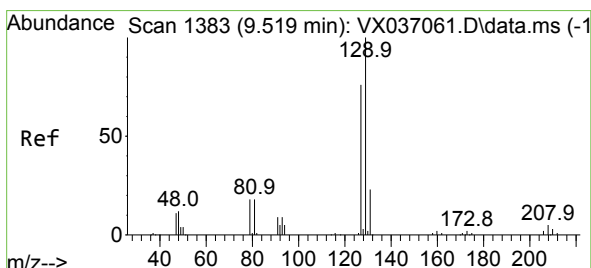
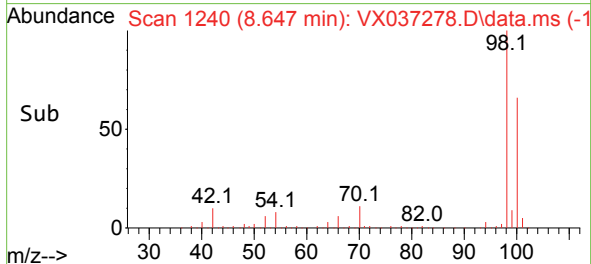
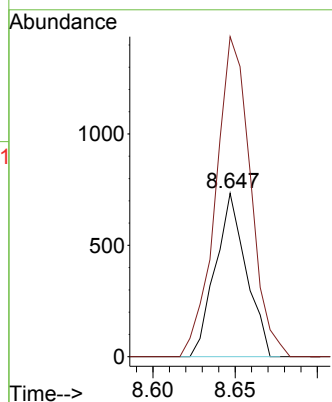
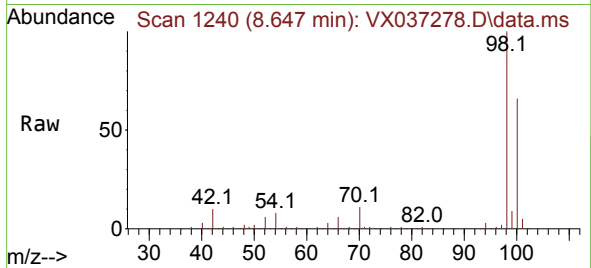




#51
4-Methyl-2-Pentanone
Concen: 0.441 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037278.D
Acq: 25 Aug 2023 17:58

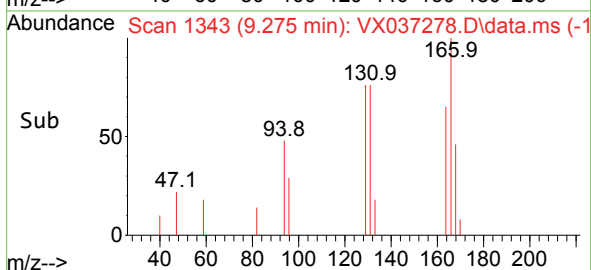
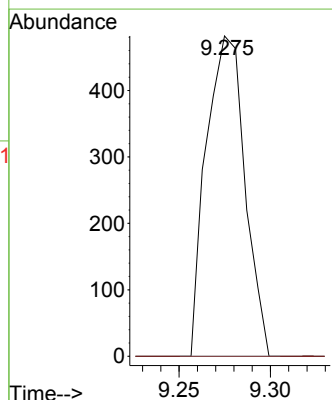
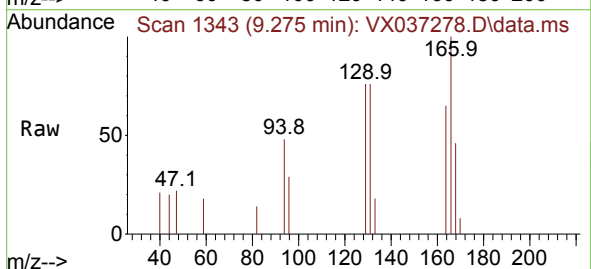
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20230818

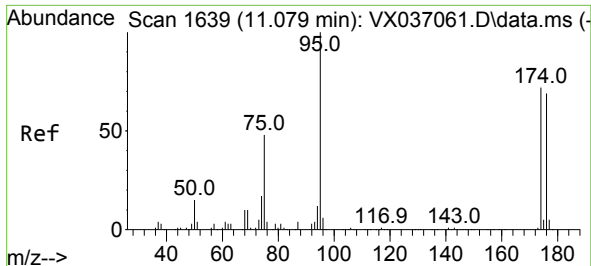
Tgt Ion: 43 Resp: 959
Ion Ratio Lower Upper
43 100
58 220.9 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.392 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX037278.D
Acq: 25 Aug 2023 17:58

Tgt Ion: 129 Resp: 710
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

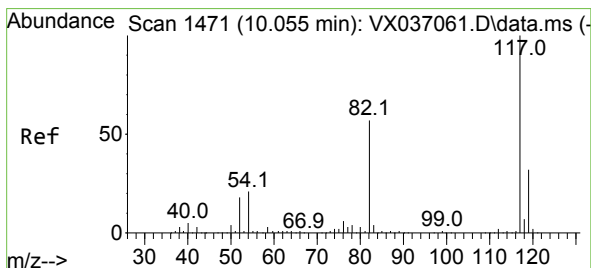
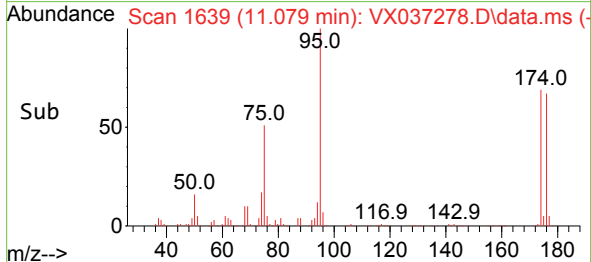
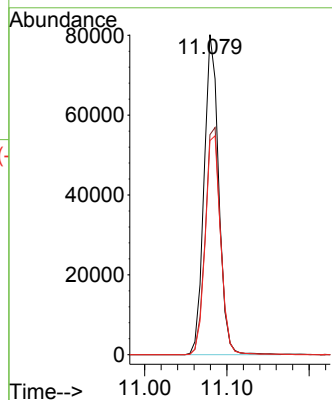
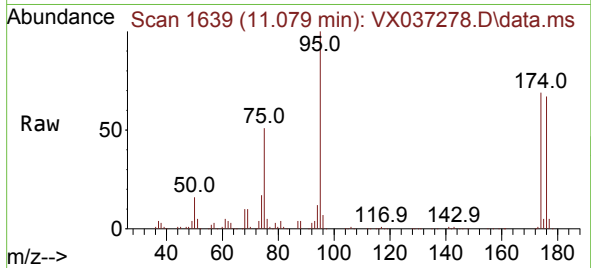




#62
4-Bromofluorobenzene
Concen: 44.767 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037278.D
Acq: 25 Aug 2023 17:58

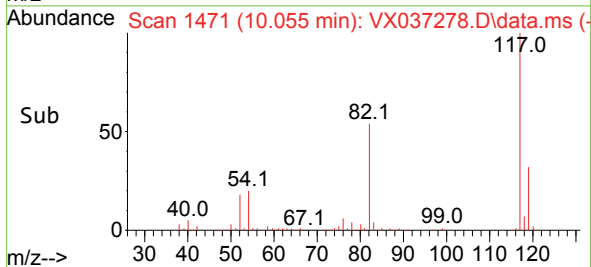
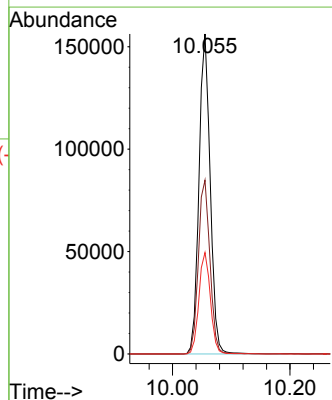
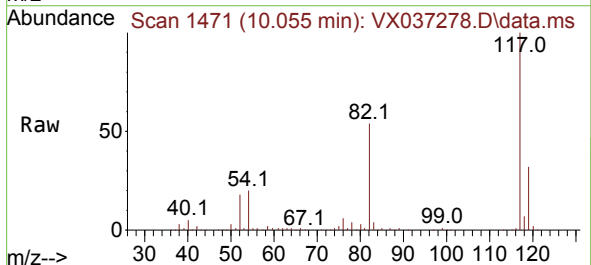
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20230818

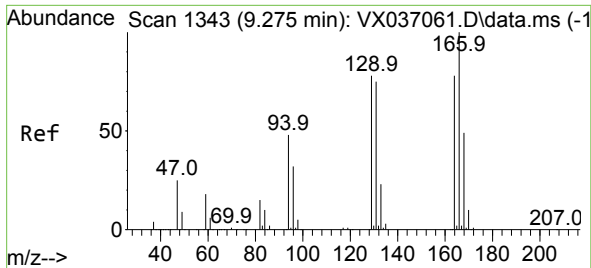
Tgt Ion: 95 Resp: 99132
Ion Ratio Lower Upper
95 100
174 74.2 0.0 135.6
176 72.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037278.D
Acq: 25 Aug 2023 17:58

Tgt Ion: 117 Resp: 206741
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 31.7 25.5 38.3



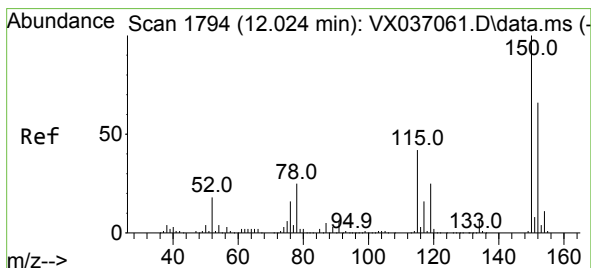
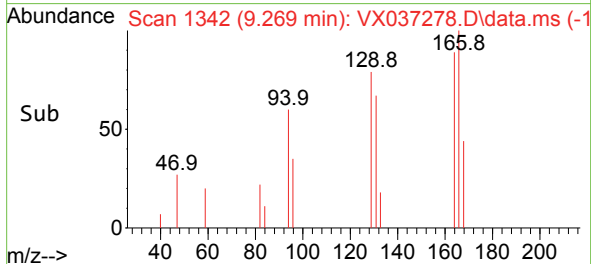
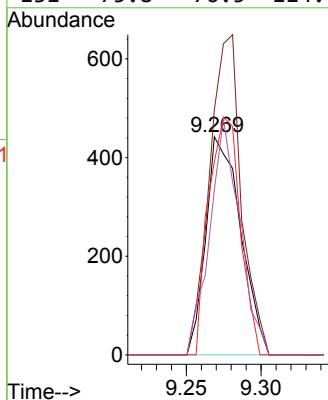
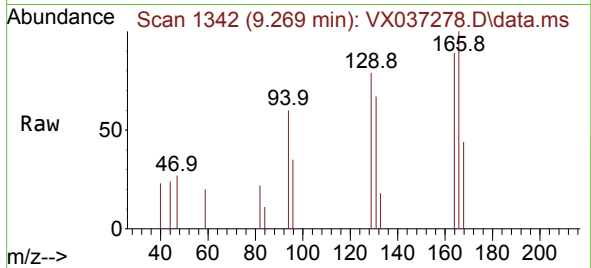


#64
Tetrachloroethene
Concen: 0.475 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037278.D
Acq: 25 Aug 2023 17:58

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20230818

Tgt Ion:164 Resp: 716

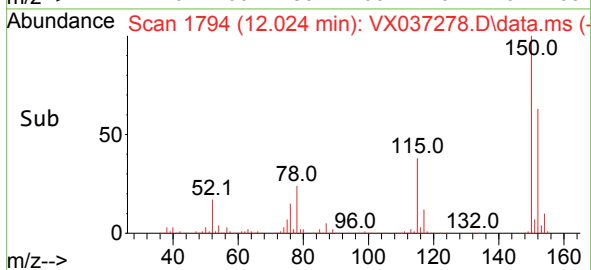
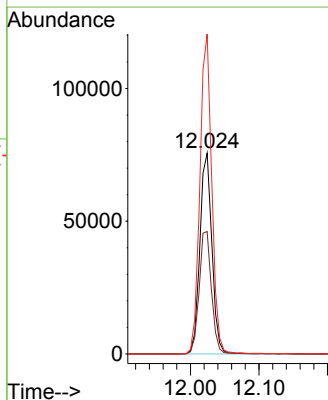
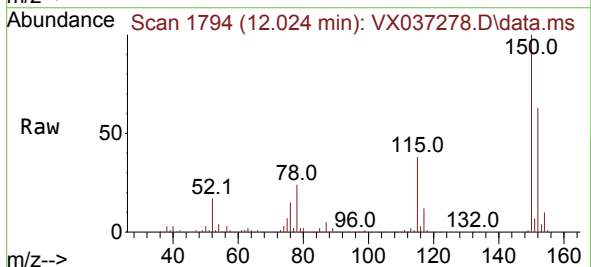
Ion	Ratio	Lower	Upper
164	100		
166	112.4	102.7	154.1
129	88.7	80.4	120.6
131	75.8	76.5	114.7

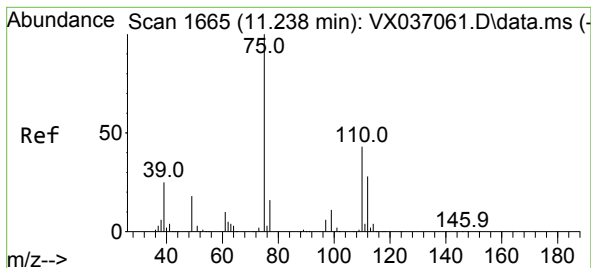


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037278.D
Acq: 25 Aug 2023 17:58

Tgt Ion:152 Resp: 92741

Ion	Ratio	Lower	Upper
152	100		
115	62.3	43.3	129.9
150	157.2	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 25.393 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037278.D

Acq: 25 Aug 2023 17:58

Instrument :

MSVOA_X

ClientSampleId :

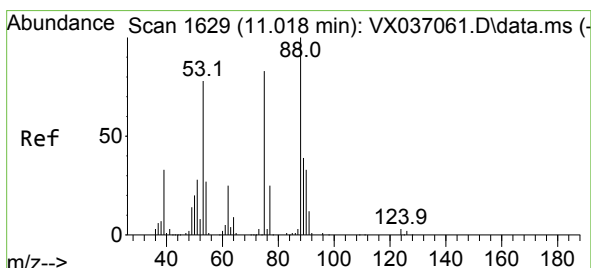
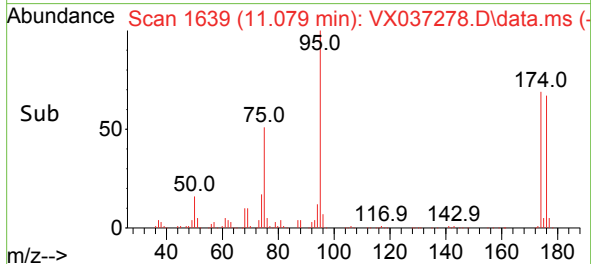
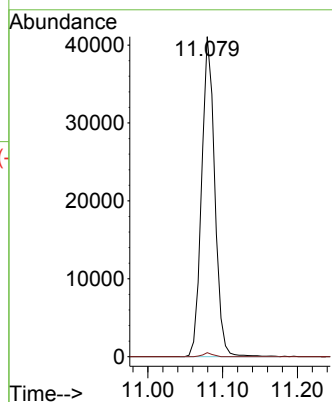
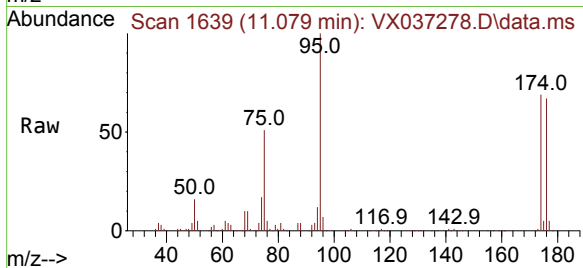
RE134D1-20230818

Tgt Ion: 75 Resp: 50154

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.925 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037278.D

Acq: 25 Aug 2023 17:58

Tgt Ion: 75 Resp: 50154

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

