

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037236.D
 Acq On : 25 Aug 2023 00:23
 Operator : JC/MD
 Sample : 04051-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20230816

Quant Time: Aug 25 06:29:51 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)

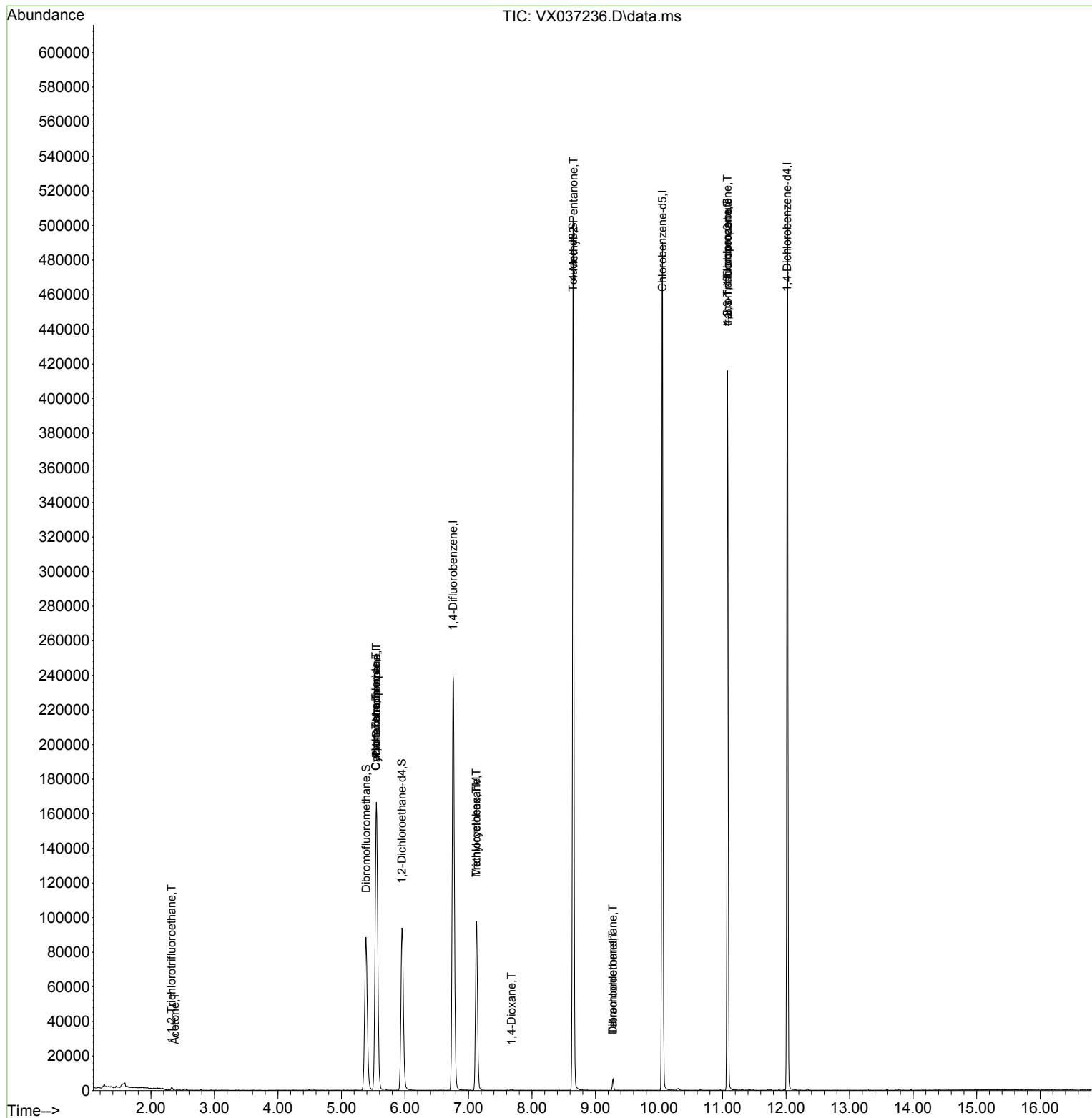
Internal Standards						
1) Pentafluorobenzene	5.550	168	155696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	254540	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96385	42.940	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.880%
35) Dibromofluoromethane	5.385	113	77923	46.224	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.440%
50) Toluene-d8	8.647	98	298135	48.756	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.520%
62) 4-Bromofluorobenzene	11.079	95	112800	46.940	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.880%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	712	0.433	ug/l	94
16) Acetone	2.380	43	670	0.763	ug/l #	89
31) Cyclohexane	5.544	56	3240	1.284	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	12390	5.173	ug/l #	51
38) Carbon Tetrachloride	5.544	117	16867	6.483	ug/l #	15
39) Methylcyclohexane	7.123	83	504	0.200	ug/l #	1
44) Trichloroethene	7.123	130	39219	20.136	ug/l	95
49) 1,4-Dioxane	7.677	88	612	11.997	ug/l #	78
51) 4-Methyl-2-Pentanone	8.653	43	1102	0.467	ug/l #	1
60) Dibromochloromethane	9.275	129	1162	0.591	ug/l #	11
64) Tetrachloroethene	9.275	164	1210	0.727	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	56843	25.629	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	56843	71.582	ug/l #	5

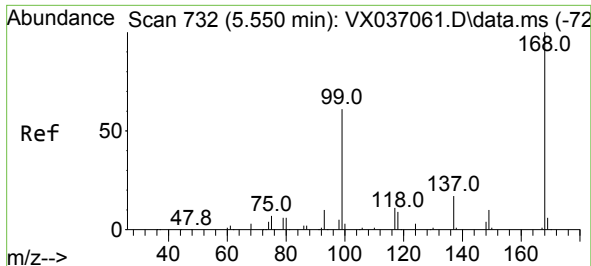
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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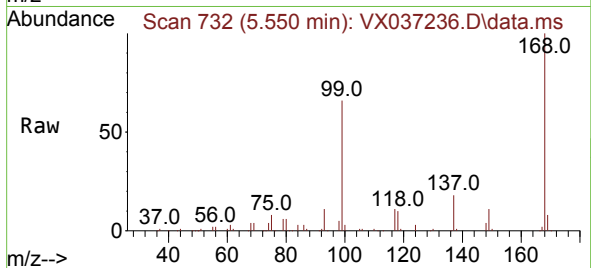
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



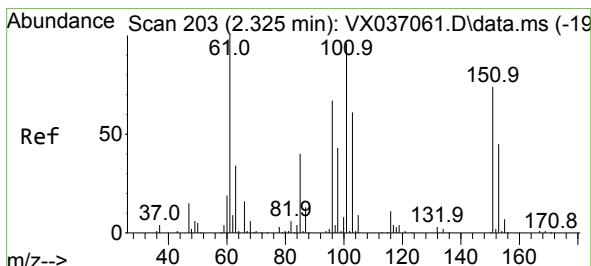
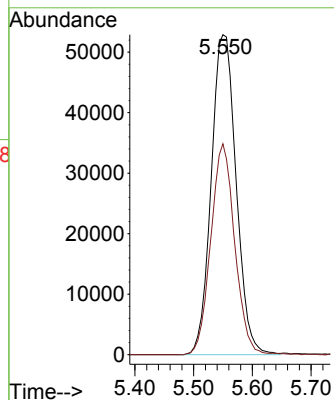
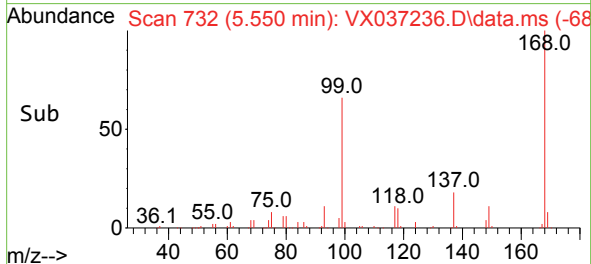


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037236.D
Acq: 25 Aug 2023 00:23

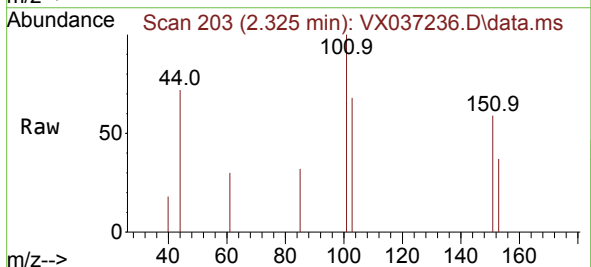
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ClientSampleId :
RE109D3-20230816



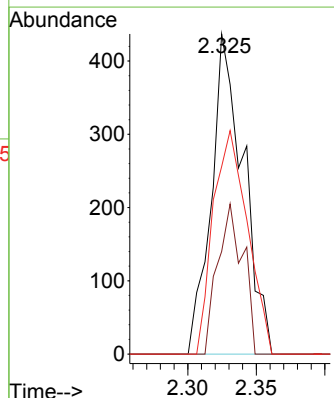
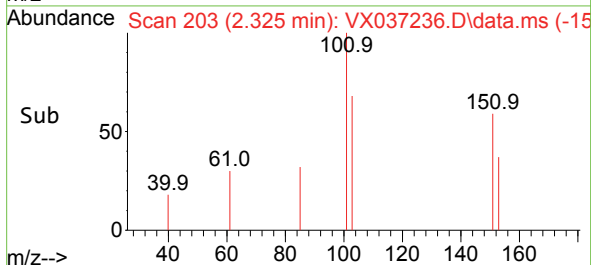
Tgt Ion:168 Resp: 155696
Ion Ratio Lower Upper
168 100
99 65.9 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.433 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037236.D
Acq: 25 Aug 2023 00:23



Tgt Ion:101 Resp: 712
Ion Ratio Lower Upper
101 100
85 37.1 37.0 55.6
151 74.7 58.6 87.8

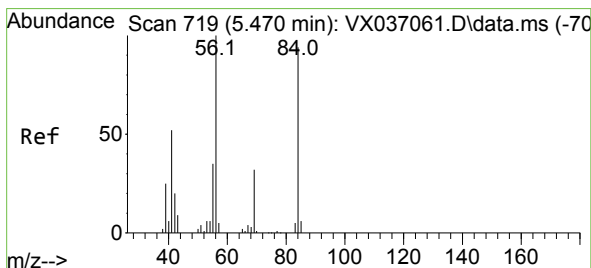
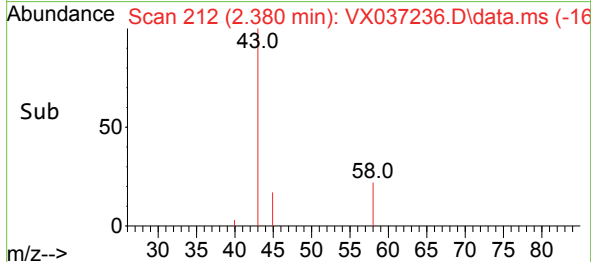
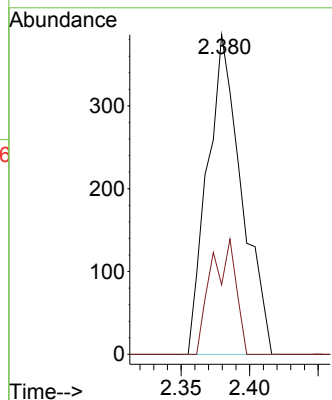
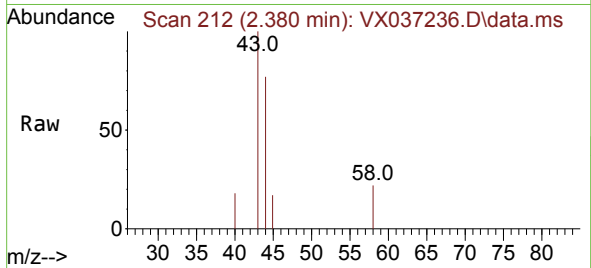




#16
Acetone
Concen: 0.763 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037236.D
Acq: 25 Aug 2023 00:23

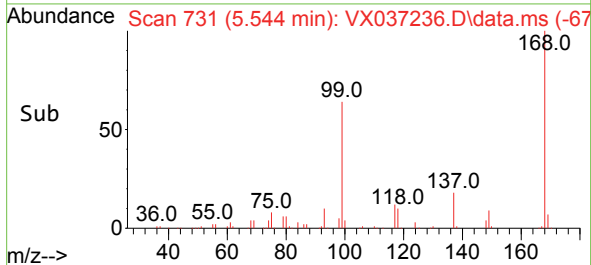
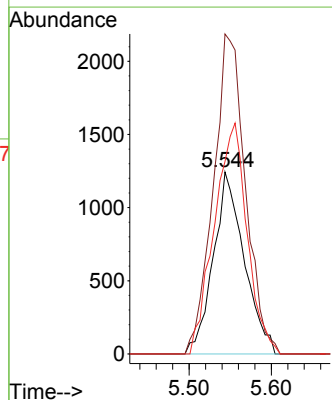
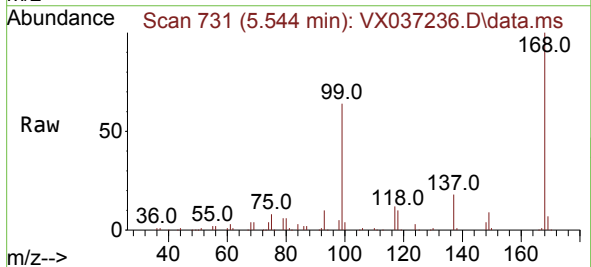
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20230816

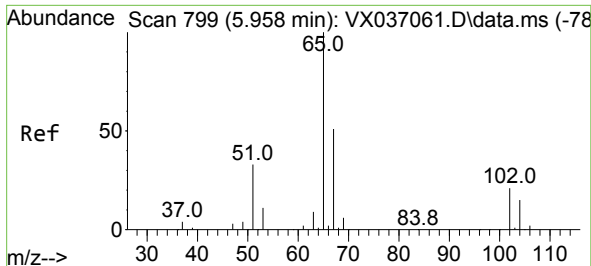
Tgt Ion: 43 Resp: 670
Ion Ratio Lower Upper
43 100
58 21.8 21.9 32.9#



#31
Cyclohexane
Concen: 1.284 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX037236.D
Acq: 25 Aug 2023 00:23

Tgt Ion: 56 Resp: 3240
Ion Ratio Lower Upper
56 100
69 175.9 23.4 35.2#
84 105.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.940 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX037236.D

Acq: 25 Aug 2023 00:23

Instrument :

MSVOA_X

ClientSampleId :

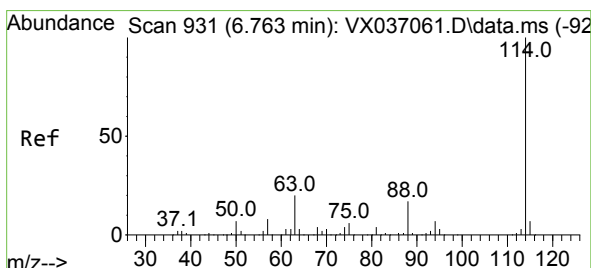
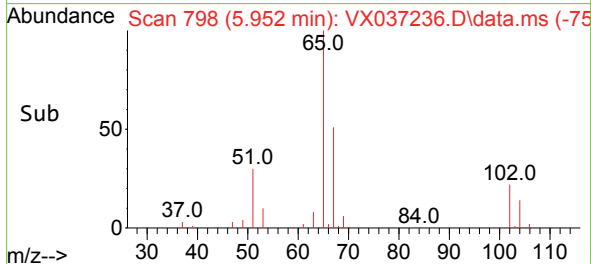
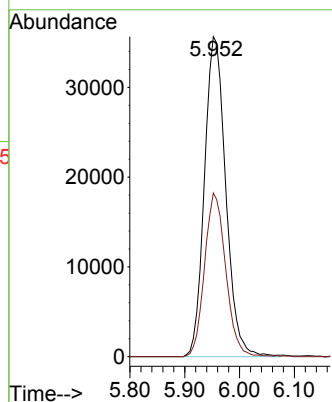
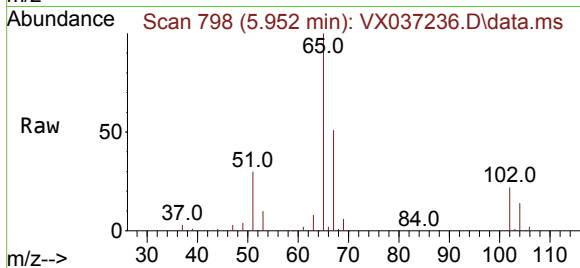
RE109D3-20230816

Tgt Ion: 65 Resp: 96385

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037236.D

Acq: 25 Aug 2023 00:23

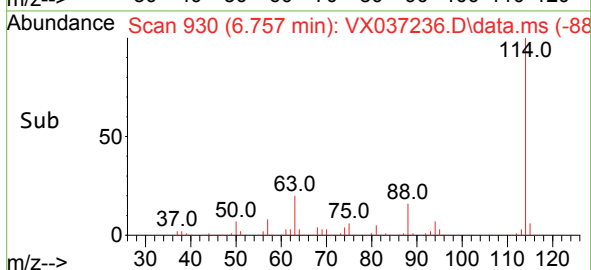
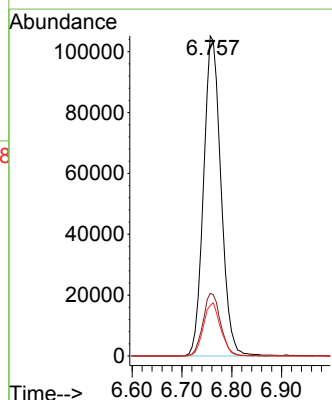
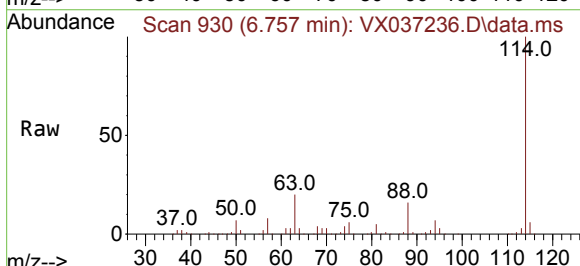
Tgt Ion: 114 Resp: 254540

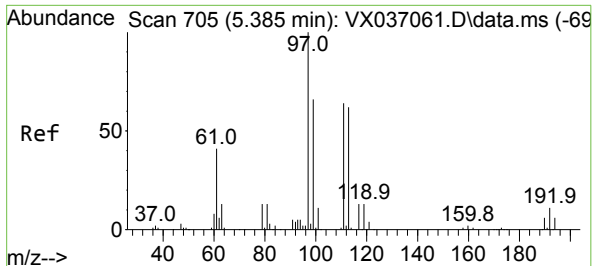
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

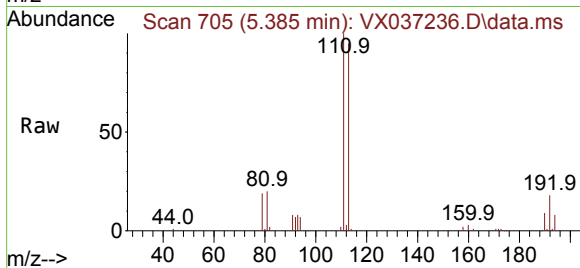
88 15.8 0.0 36.6



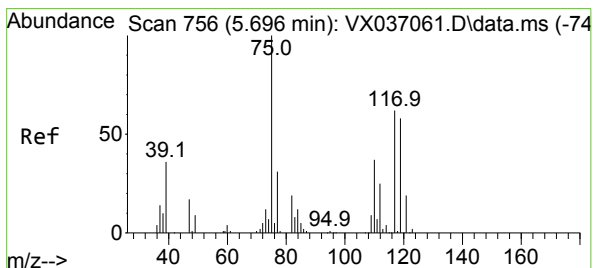
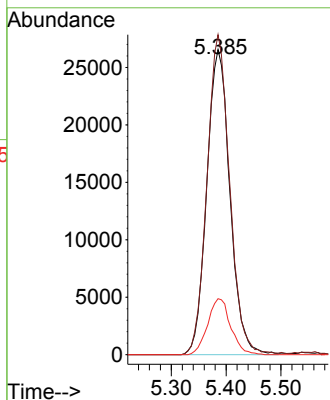
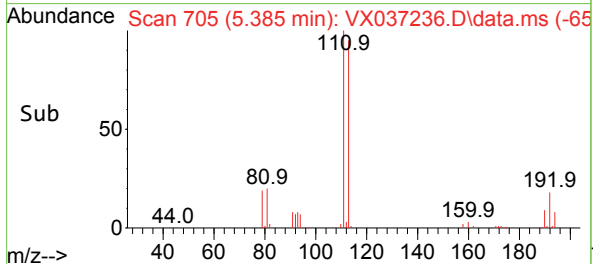


#35
Dibromofluoromethane
Concen: 46.224 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037236.D
Acq: 25 Aug 2023 00:23

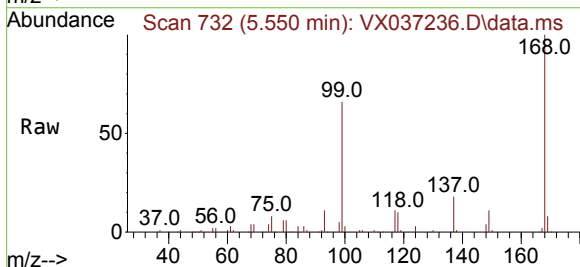
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20230816



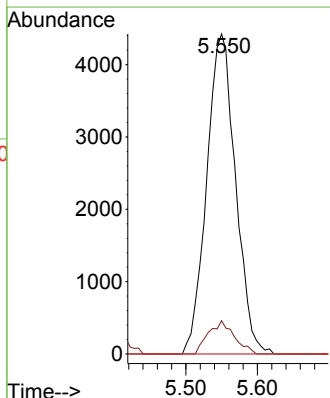
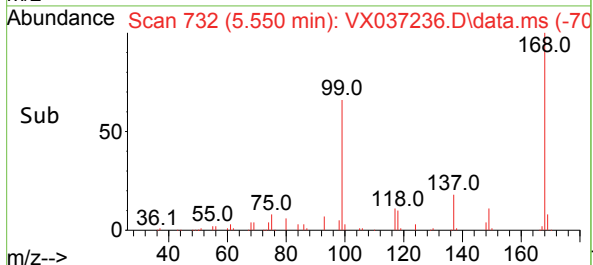
Tgt Ion:113 Resp: 77923
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.2 13.3 19.9

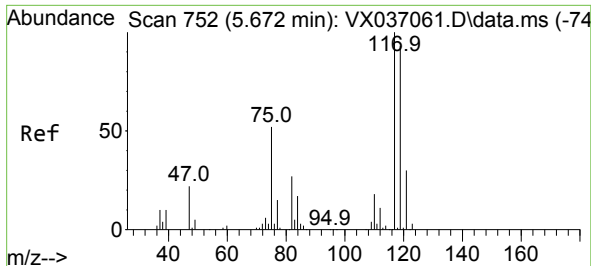


#36
1,1-Dichloropropene
Concen: 5.173 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037236.D
Acq: 25 Aug 2023 00:23



Tgt Ion: 75 Resp: 12390
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#

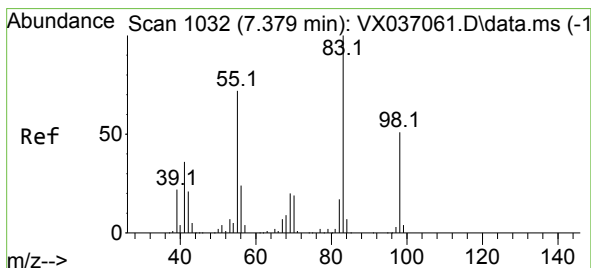
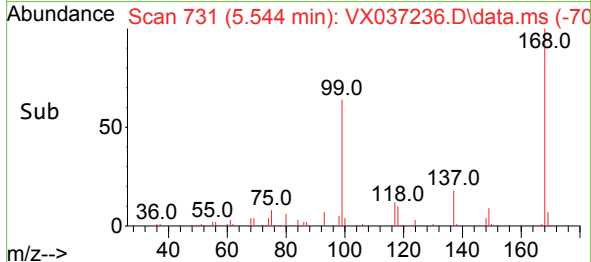
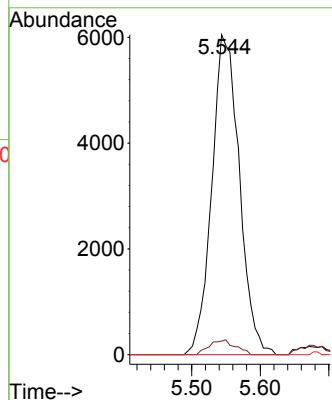
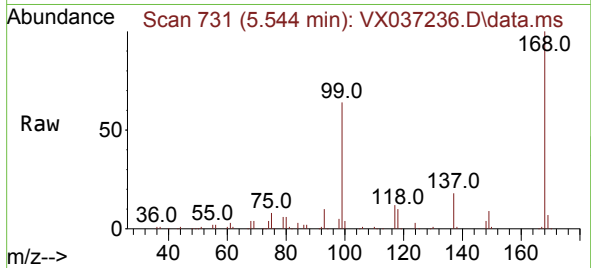




#38
Carbon Tetrachloride
Concen: 6.483 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037236.D
Acq: 25 Aug 2023 00:23

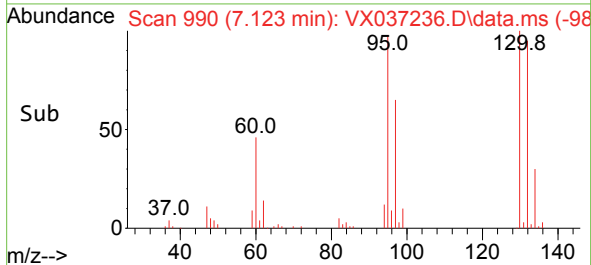
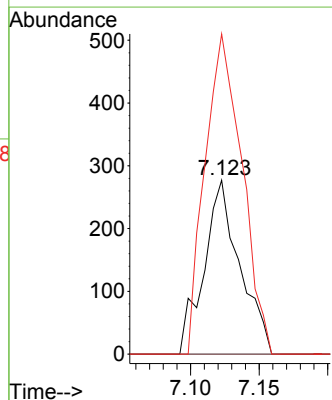
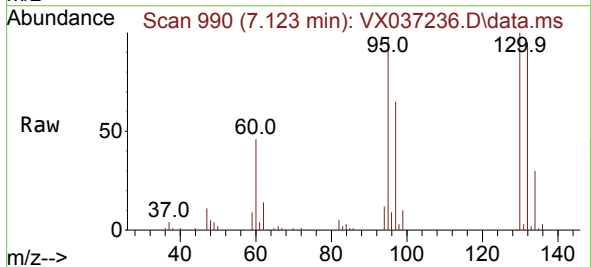
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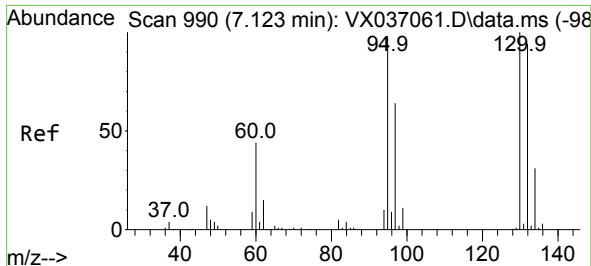
Tgt Ion:117 Resp: 16867
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.200 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX037236.D
Acq: 25 Aug 2023 00:23

Tgt Ion: 83 Resp: 504
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 184.1 36.7 55.1#

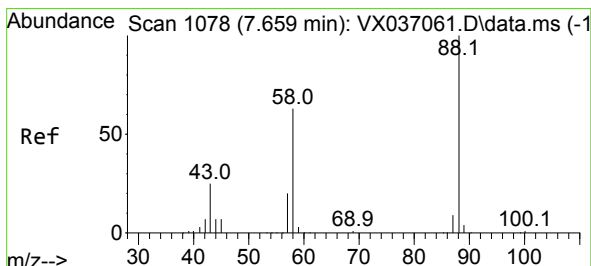
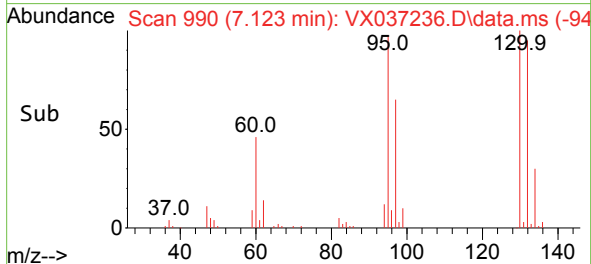
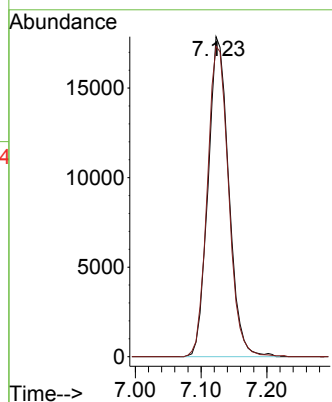
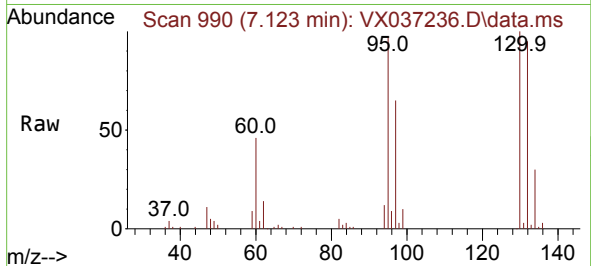




#44
Trichloroethene
Concen: 20.136 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037236.D
Acq: 25 Aug 2023 00:23

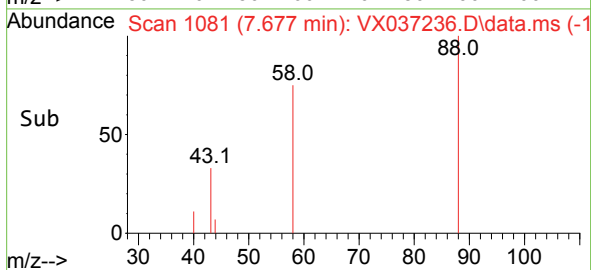
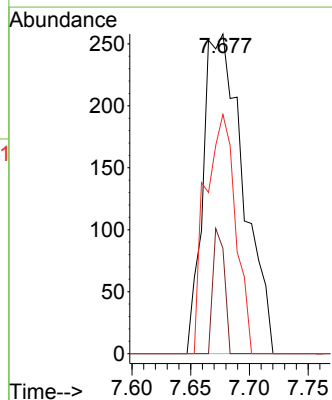
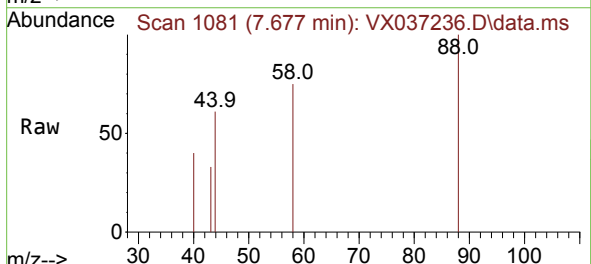
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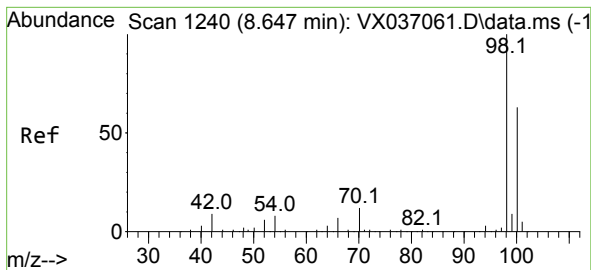
Tgt Ion:130 Resp: 39219
Ion Ratio Lower Upper
130 100
95 97.0 0.0 204.4



#49
1,4-Dioxane
Concen: 11.997 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX037236.D
Acq: 25 Aug 2023 00:23

Tgt Ion: 88 Resp: 612
Ion Ratio Lower Upper
88 100
43 11.1 0.0 0.0#
58 56.2 60.1 90.1#





#50

Toluene-d8

Concen: 48.756 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037236.D

Acq: 25 Aug 2023 00:23

Instrument :

MSVOA_X

ClientSampleId :

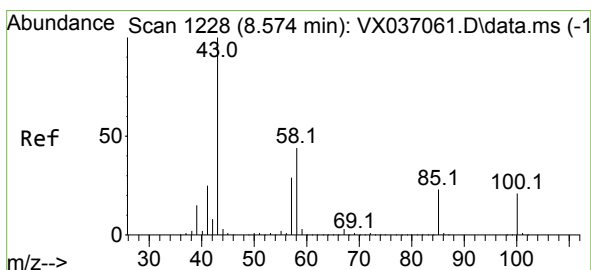
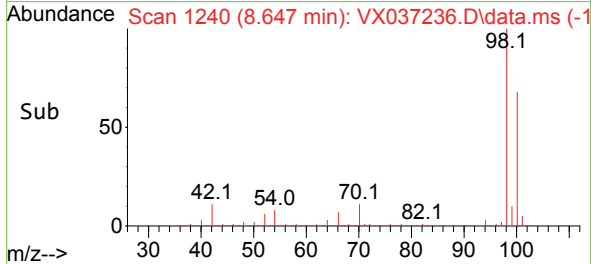
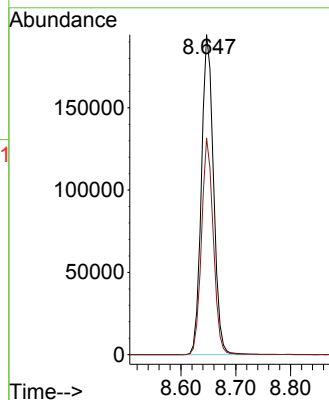
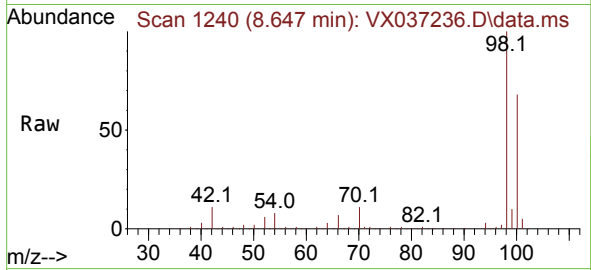
RE109D3-20230816

Tgt Ion: 98 Resp: 298135

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.467 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX037236.D

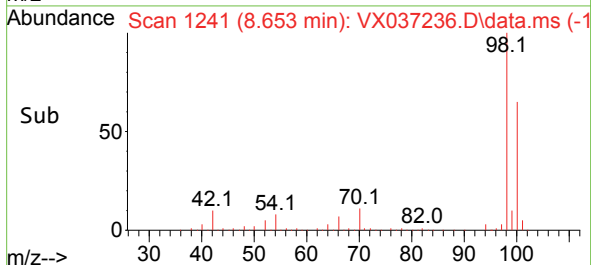
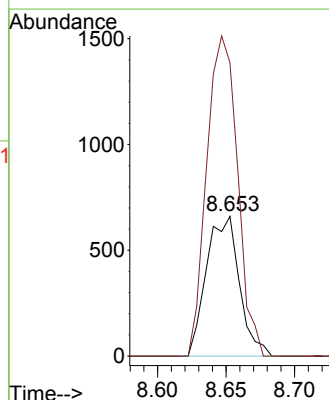
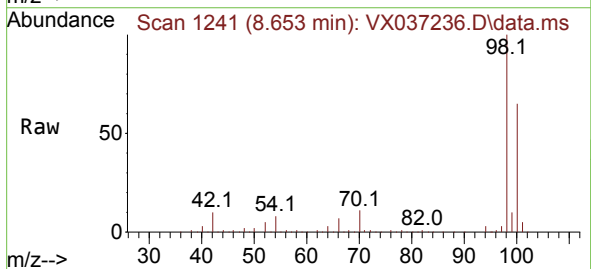
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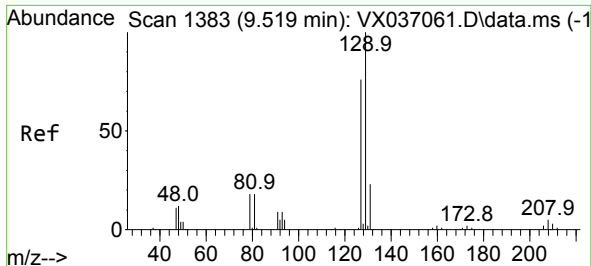
Tgt Ion: 43 Resp: 1102

Ion Ratio Lower Upper

43 100

58 215.0 30.4 45.6#

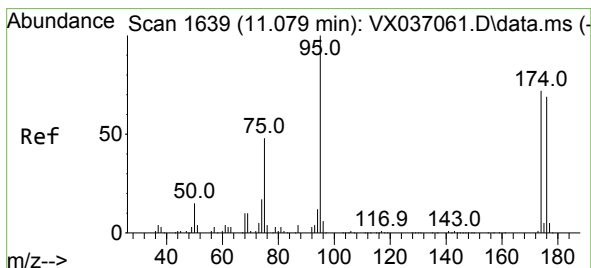
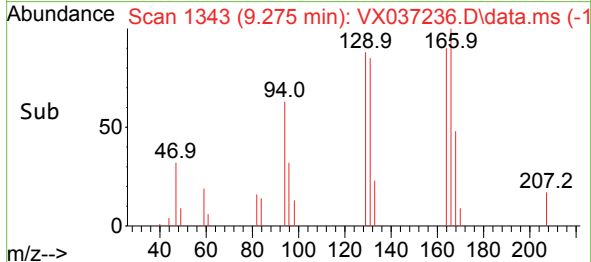
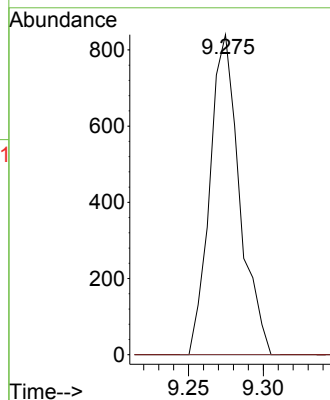
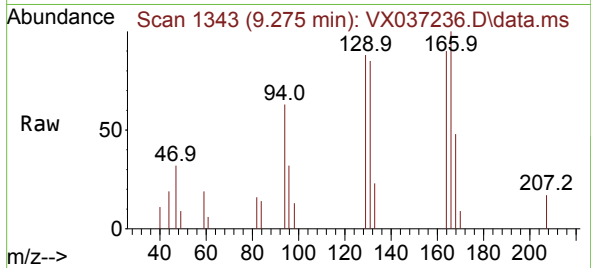




#60
Dibromochloromethane
Concen: 0.591 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX037236.D
Acq: 25 Aug 2023 00:23

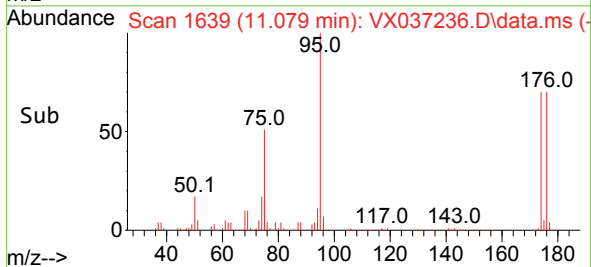
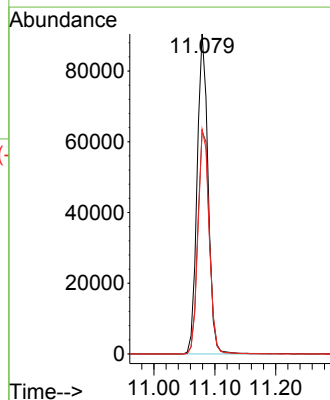
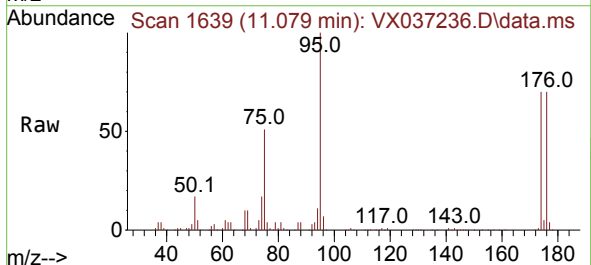
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20230816

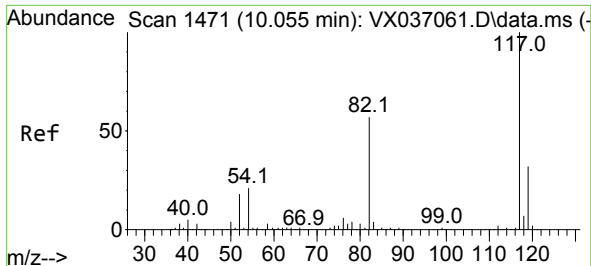
Tgt Ion:129 Resp: 1162
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 46.940 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037236.D
Acq: 25 Aug 2023 00:23

Tgt Ion: 95 Resp: 112800
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 71.0 0.0 131.0

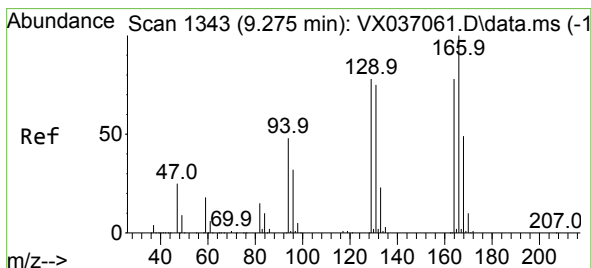
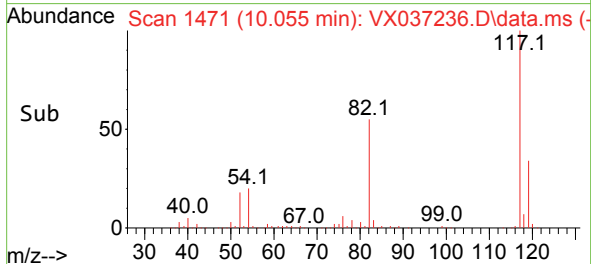
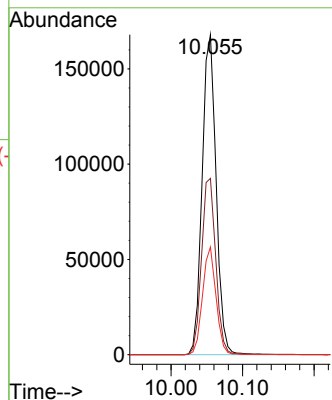
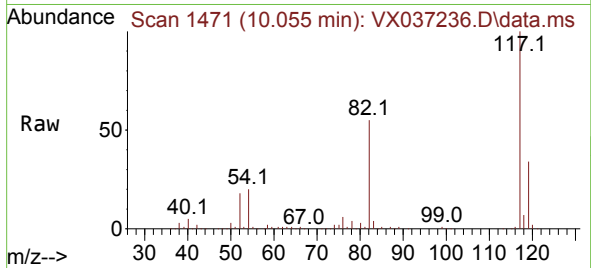




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037236.D
Acq: 25 Aug 2023 00:23

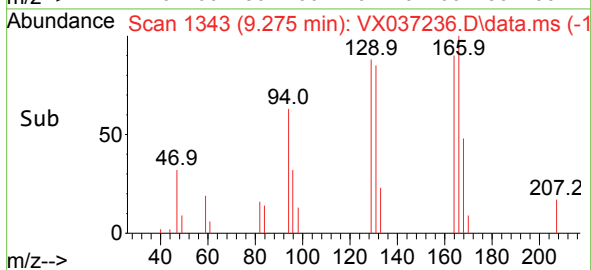
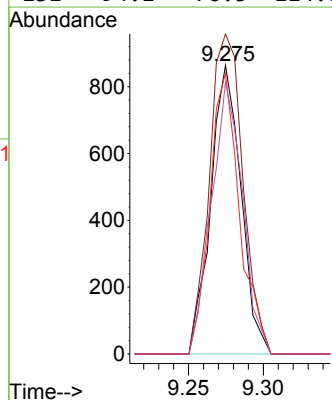
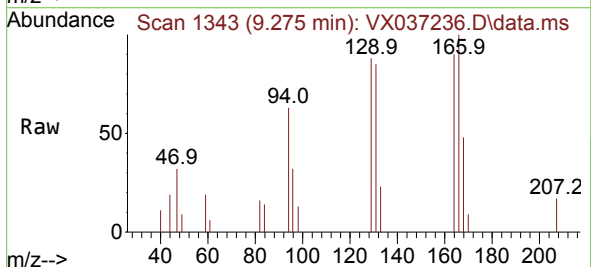
Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20230816

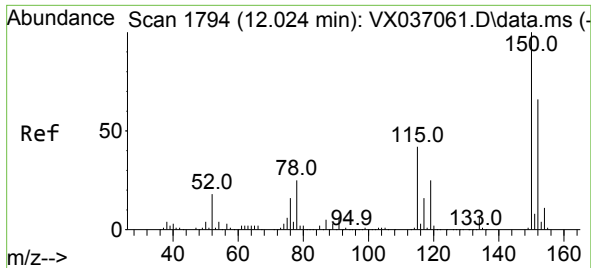
Tgt Ion:117 Resp: 228203
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 33.7 25.5 38.3



#64
Tetrachloroethene
Concen: 0.727 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037236.D
Acq: 25 Aug 2023 00:23

Tgt Ion:164 Resp: 1210
Ion Ratio Lower Upper
164 100
166 110.9 102.7 154.1
129 97.2 80.4 120.6
131 94.1 76.5 114.7

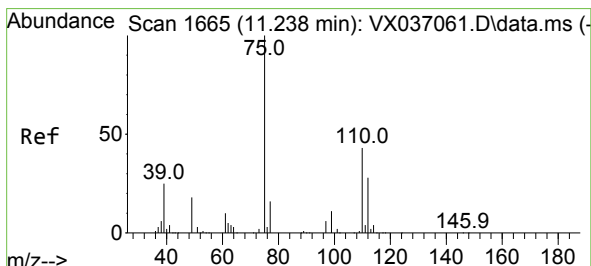
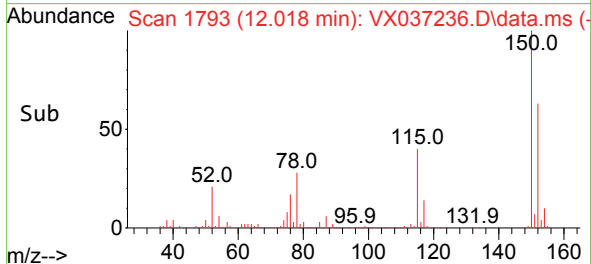
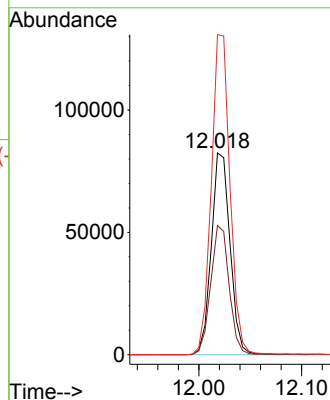
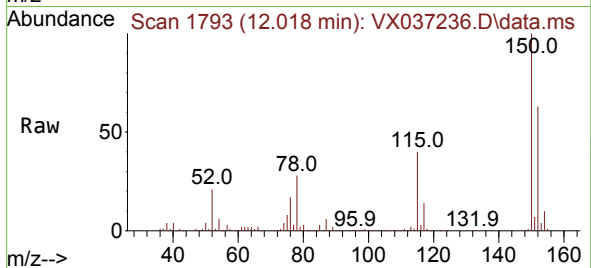




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX037236.D
 Acq: 25 Aug 2023 00:23

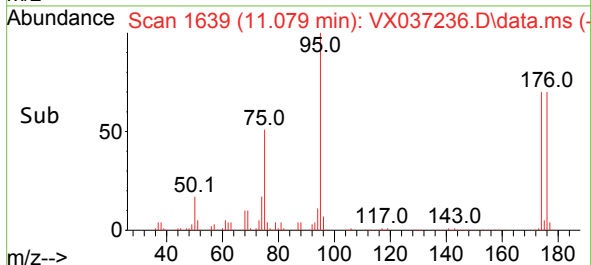
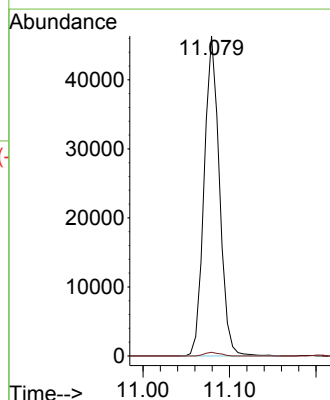
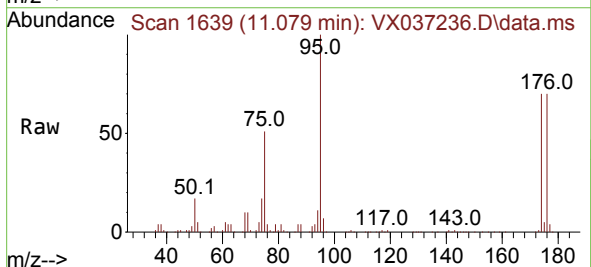
Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20230816

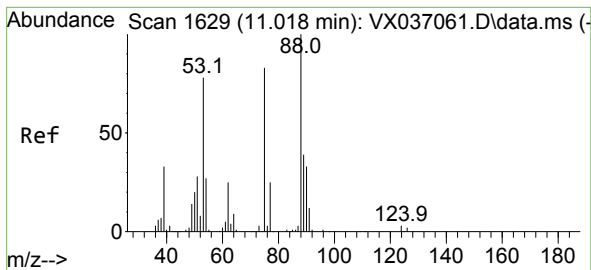
Tgt Ion:152 Resp: 104145
 Ion Ratio Lower Upper
 152 100
 115 63.2 43.3 129.9
 150 158.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.629 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037236.D
 Acq: 25 Aug 2023 00:23

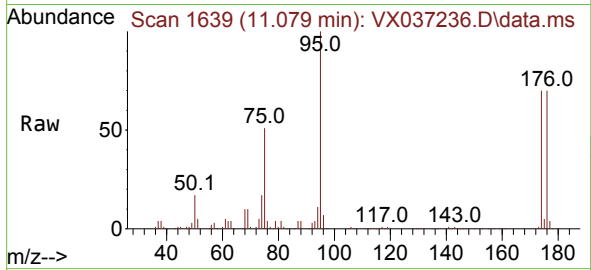
Tgt Ion: 75 Resp: 56843
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.582 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037236.D
Acq: 25 Aug 2023 00:23

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20230816



Tgt Ion: 75 Resp: 56843
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

