

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037012.D
 Acq On : 16 Aug 2023 12:59
 Operator : JC/MD
 Sample : 04024-01 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20230815

Quant Time: Aug 17 04:13:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

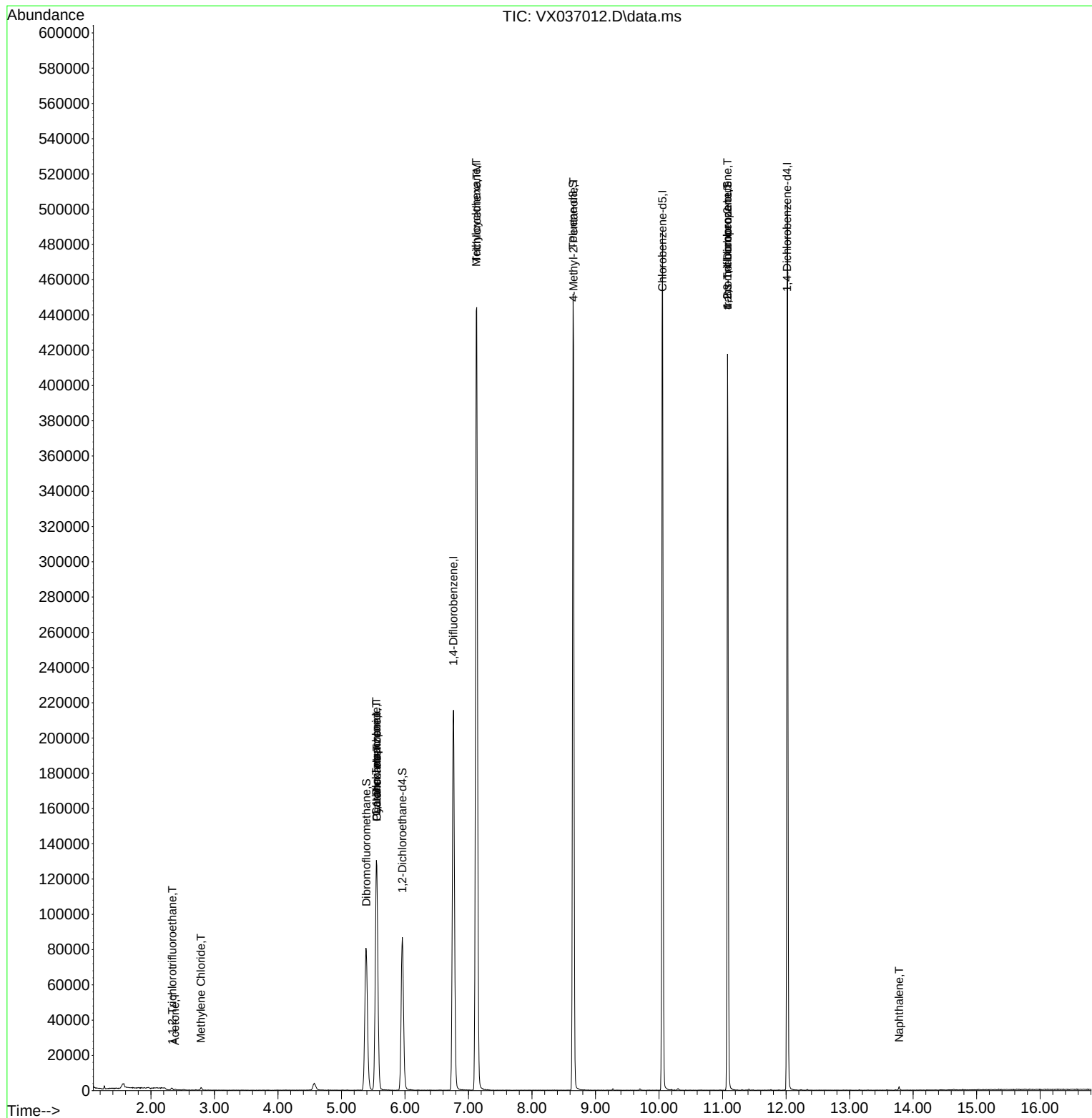
Internal Standards						
1) Pentafluorobenzene	5.556	168	120864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224434	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86764	48.516	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.040%		
35) Dibromofluoromethane	5.391	113	72082	46.727	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.460%		
50) Toluene-d8	8.647	98	268806	49.137	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.280%		
62) 4-Bromofluorobenzene	11.079	95	110428	53.504	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.000%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.337	101	466	0.340	ug/l	99
16) Acetone	2.380	43	586	0.790	ug/l #	88
20) Methylene Chloride	2.788	84	770	0.467	ug/l #	83
31) Cyclohexane	5.556	56	2526	1.020	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9837	4.278	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13229	5.412	ug/l #	14
39) Methylcyclohexane	7.123	83	2091	0.731	ug/l #	1
44) Trichloroethene	7.129	130	177782	101.671	ug/l	98
51) 4-Methyl-2-Pentanone	8.653	43	1113	0.449	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	57406	23.791	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	57406	53.925	ug/l #	5
95) Naphthalene	13.780	128	1653	0.223	ug/l #	94

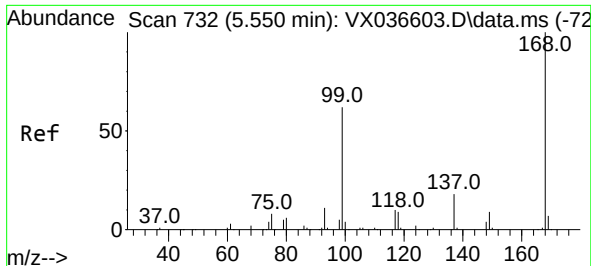
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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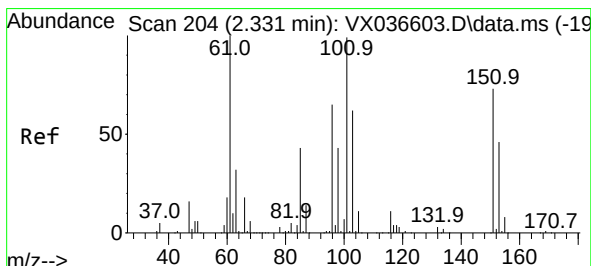
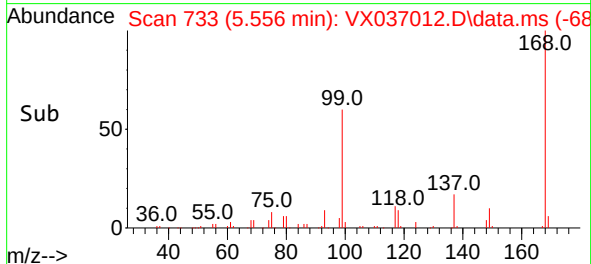
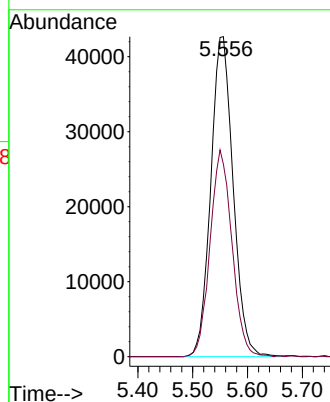
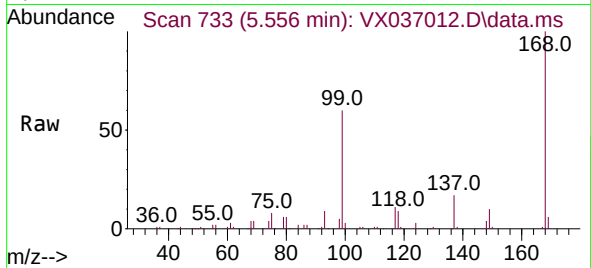




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

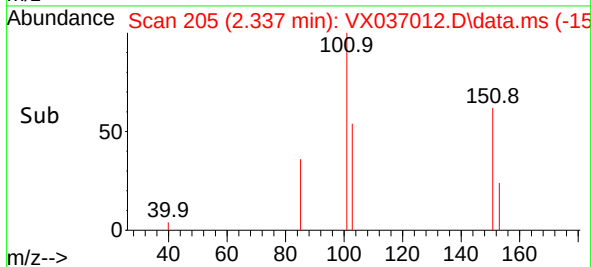
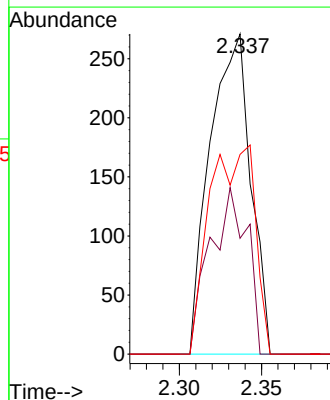
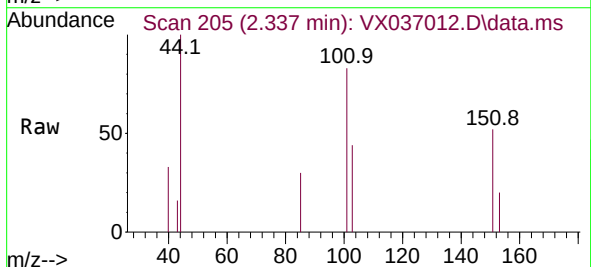
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230815

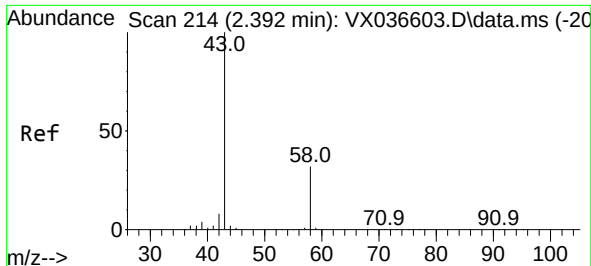
Tgt Ion:168 Resp: 120864
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.340 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

Tgt Ion:101 Resp: 466
Ion Ratio Lower Upper
101 100
85 47.2 37.0 55.6
151 73.2 58.6 87.8

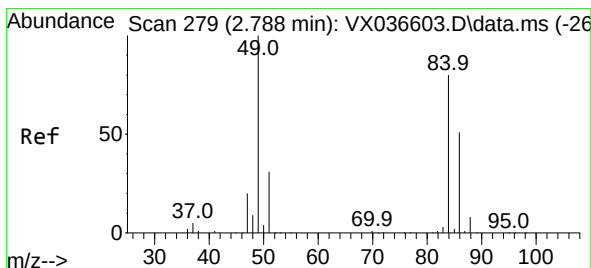
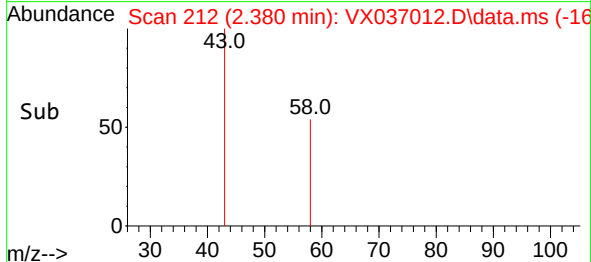
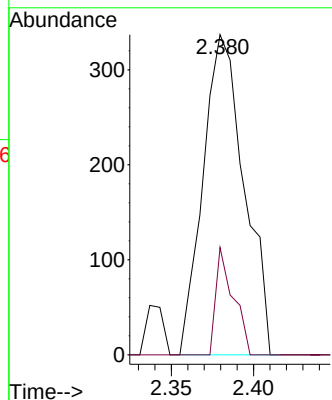
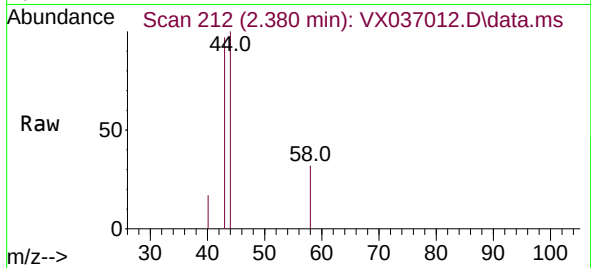




#16
Acetone
Concen: 0.790 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

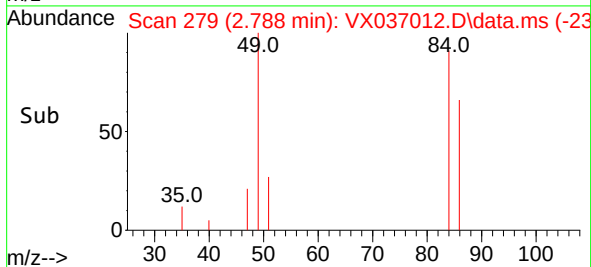
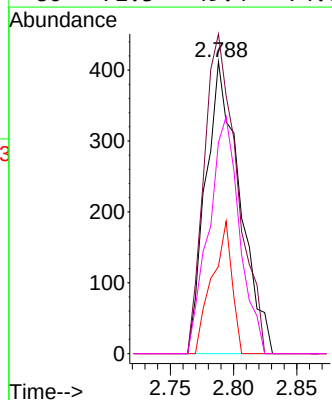
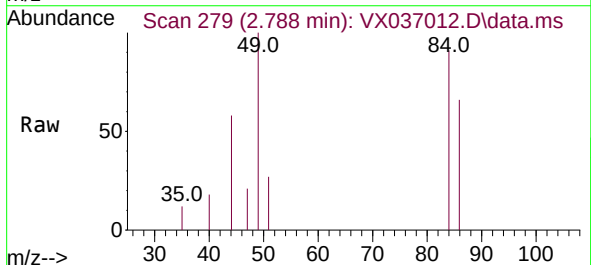
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230815

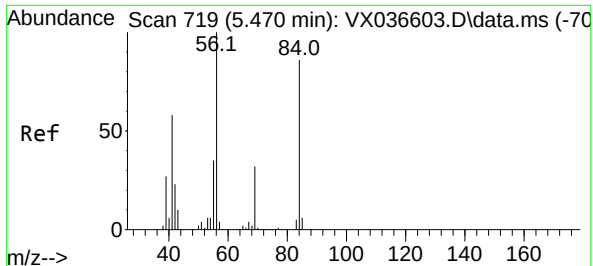
Tgt Ion: 43 Resp: 586
Ion Ratio Lower Upper
43 100
58 33.5 21.9 32.9#



#20
Methylene Chloride
Concen: 0.467 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

Tgt Ion: 84 Resp: 770
Ion Ratio Lower Upper
84 100
49 109.5 103.6 155.4
51 29.9 33.8 50.6#
86 72.3 49.4 74.0

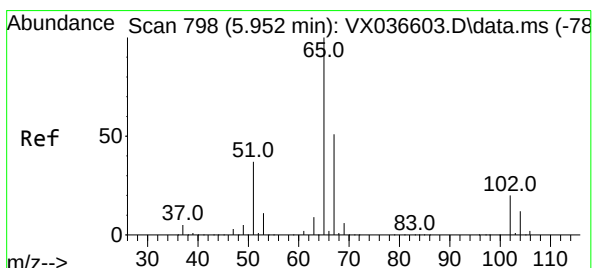
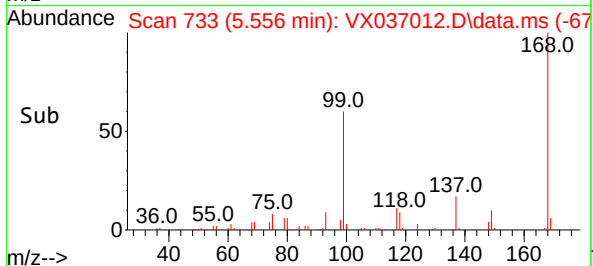
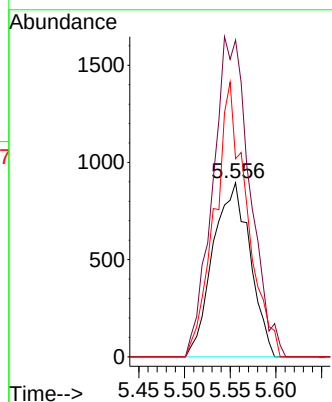
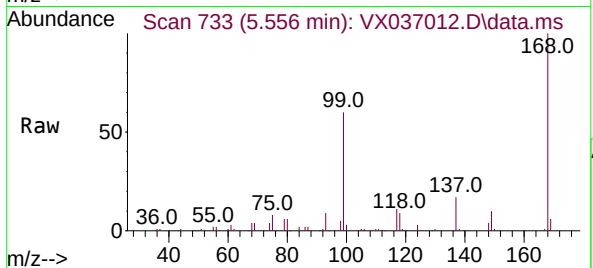




#31
Cyclohexane
Concen: 1.020 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

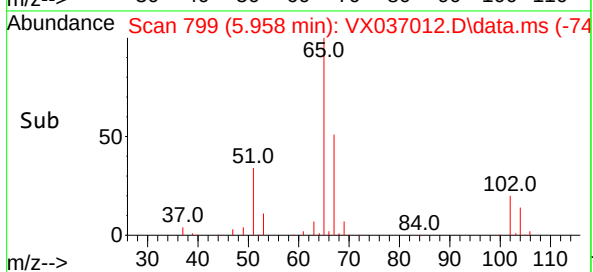
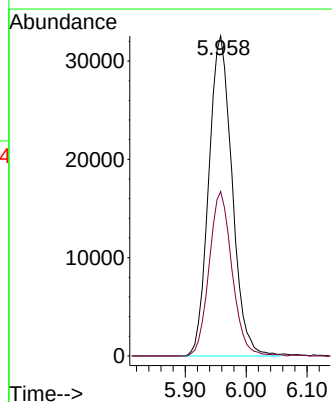
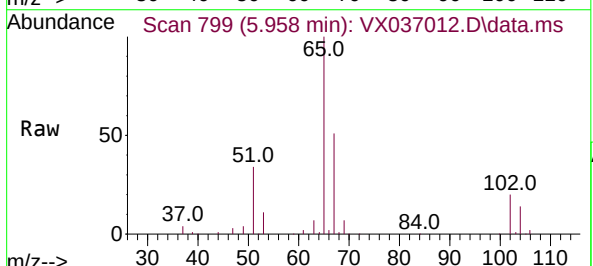
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230815

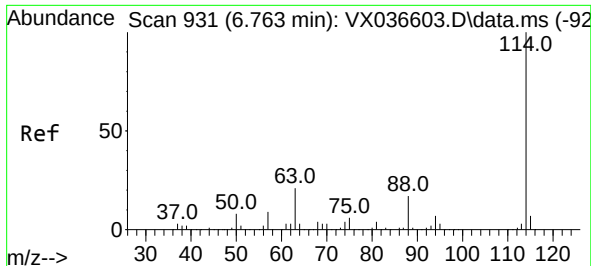
Tgt Ion: 56 Resp: 2526
Ion Ratio Lower Upper
56 100
69 182.1 23.4 35.2#
84 113.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.516 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

Tgt Ion: 65 Resp: 86764
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2

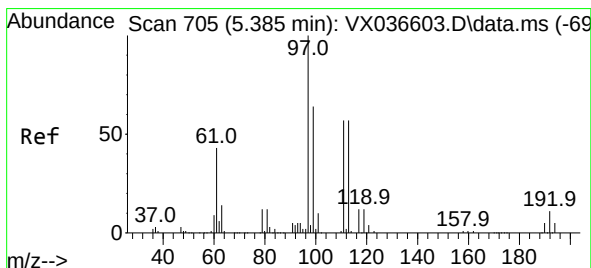
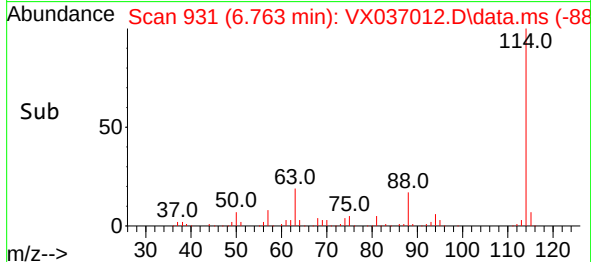
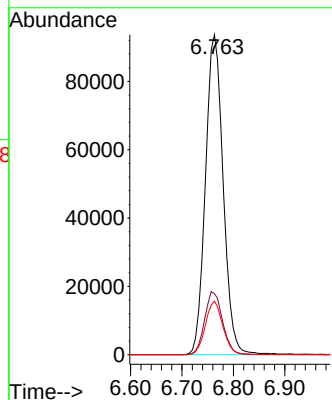
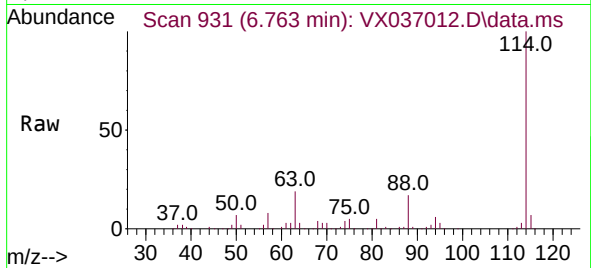




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

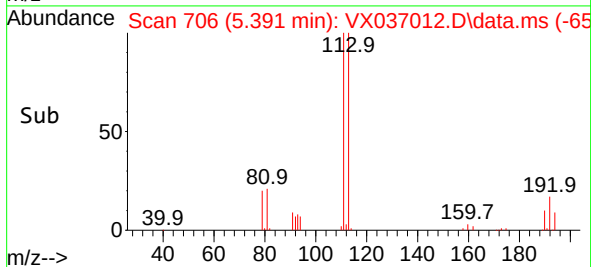
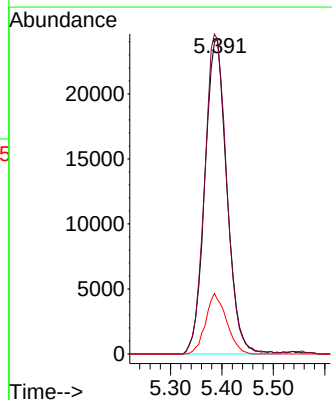
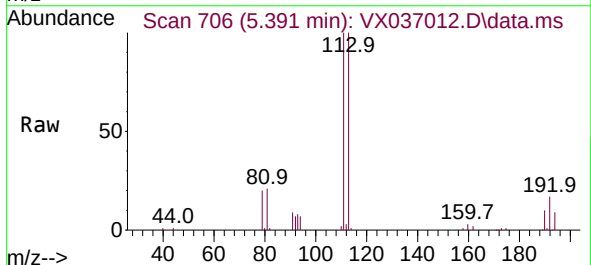
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230815

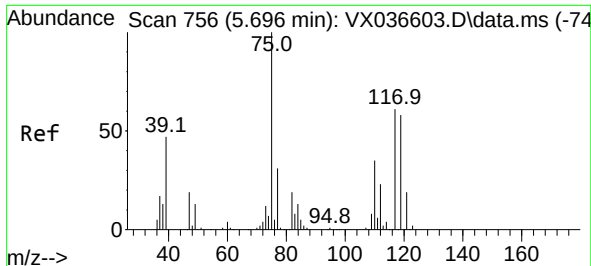
Tgt Ion:114 Resp: 224434
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.727 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

Tgt Ion:113 Resp: 72082
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 18.2 13.3 19.9

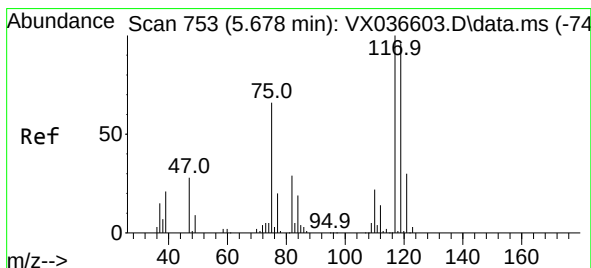
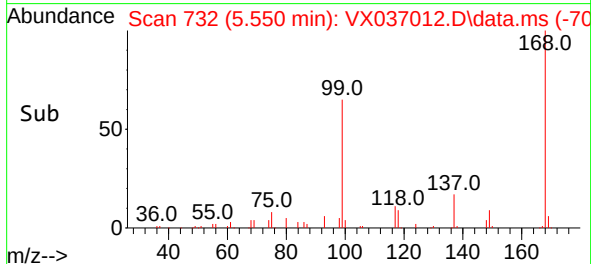
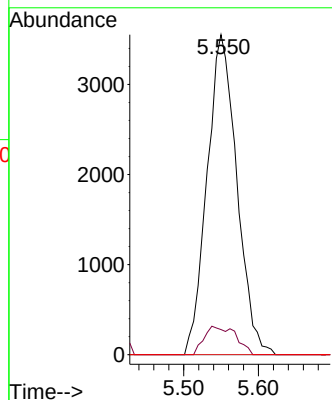
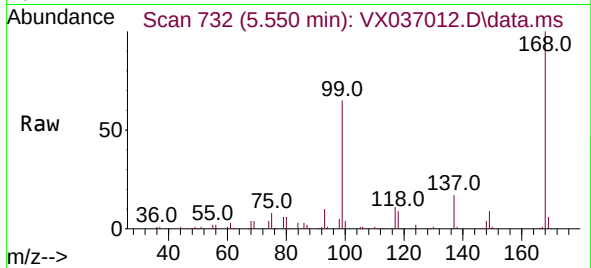




#36
1,1-Dichloropropene
Concen: 4.278 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

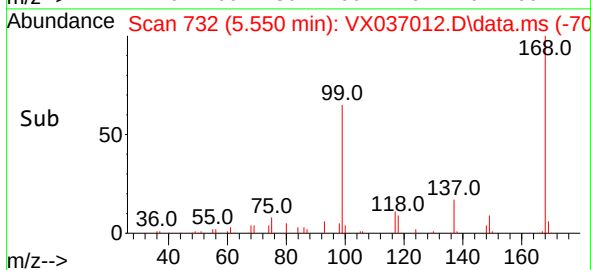
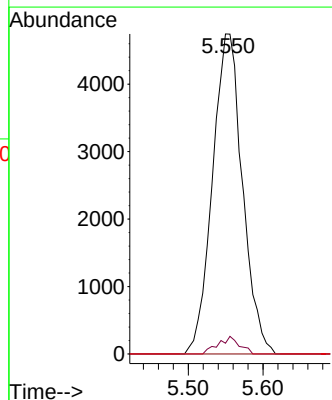
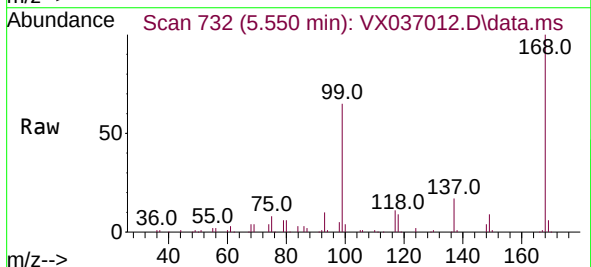
Instrument :
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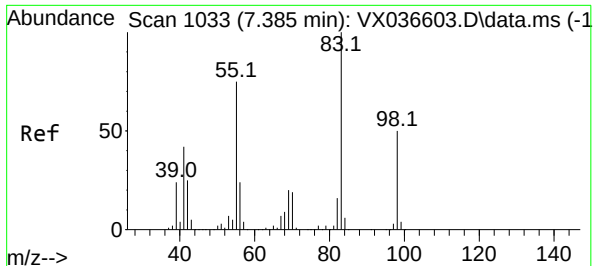
Tgt Ion: 75 Resp: 9837
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.412 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

Tgt Ion: 117 Resp: 13229
Ion Ratio Lower Upper
117 100
119 3.4 78.2 117.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.731 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.262 min

Lab File: VX037012.D

Acq: 16 Aug 2023 12:59

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20230815

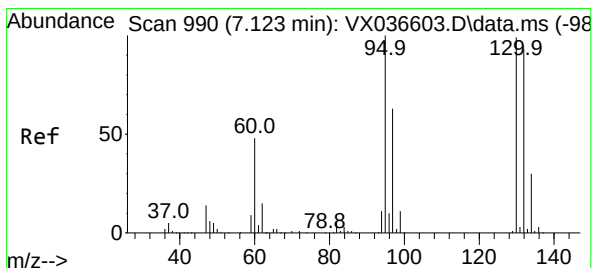
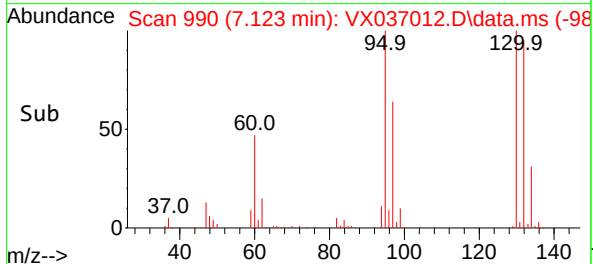
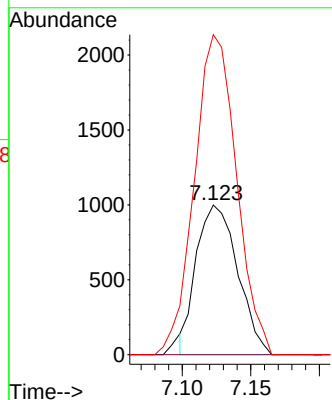
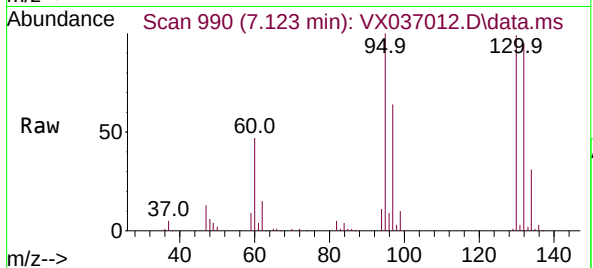
Tgt Ion: 83 Resp: 2091

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 213.8 36.7 55.1#



#44

Trichloroethene

Concen: 101.671 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037012.D

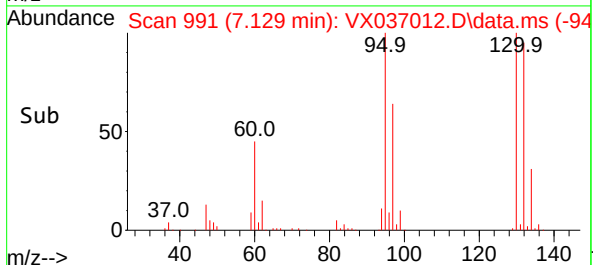
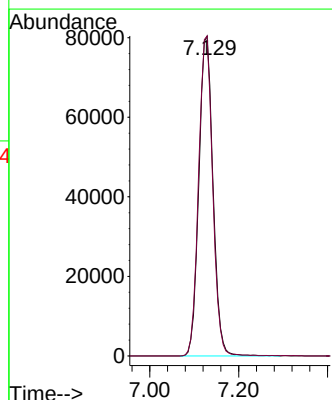
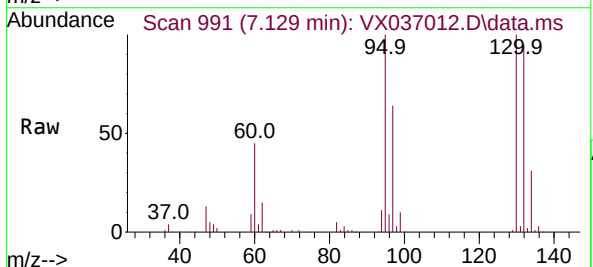
Acq: 16 Aug 2023 12:59

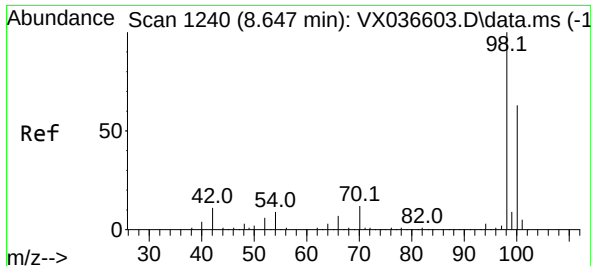
Tgt Ion:130 Resp: 177782

Ion Ratio Lower Upper

130 100

95 100.1 0.0 204.4





#50

Toluene-d8

Concen: 49.137 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037012.D

Acq: 16 Aug 2023 12:59

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MSVOA_X

ClientSampleId :

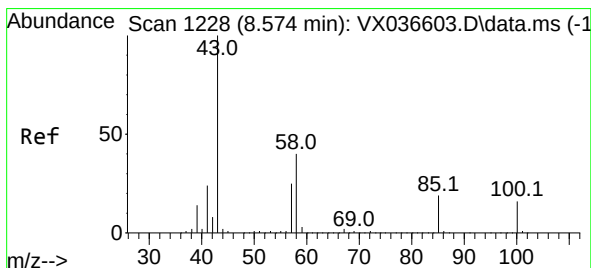
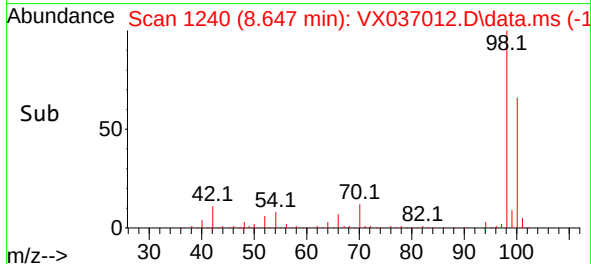
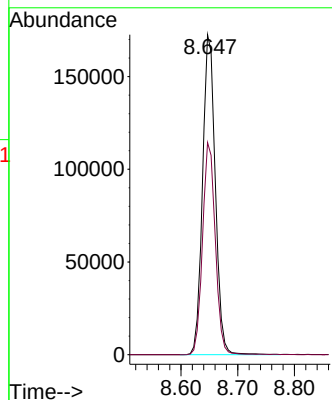
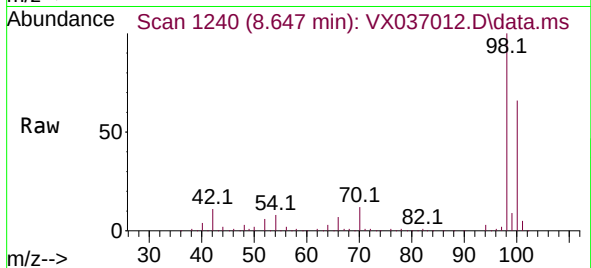
RE122D2-20230815

Tgt Ion: 98 Resp: 268806

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.449 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX037012.D

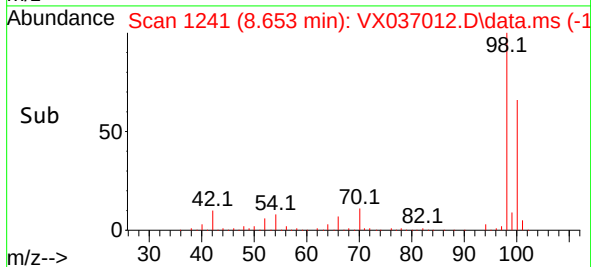
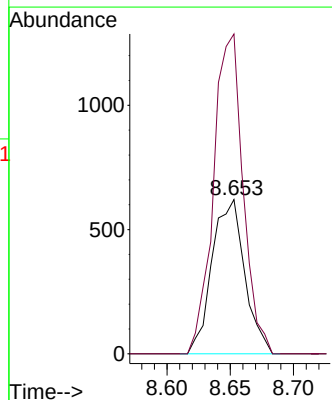
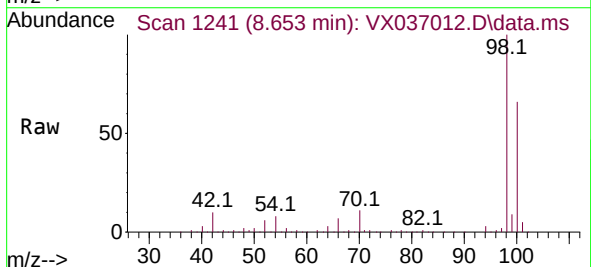
Acq: 16 Aug 2023 12:59

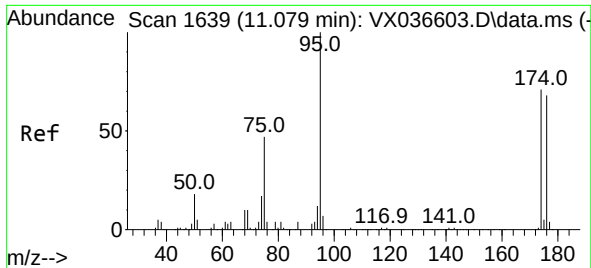
Tgt Ion: 43 Resp: 1113

Ion Ratio Lower Upper

43 100

58 188.2 30.4 45.6#

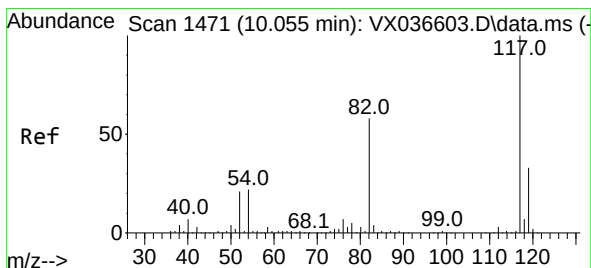
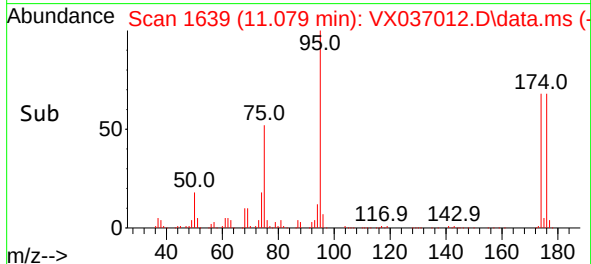
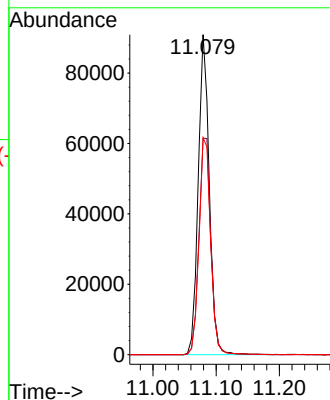
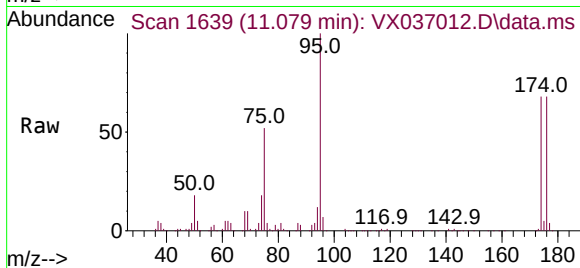




#62
4-Bromofluorobenzene
Concen: 53.504 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

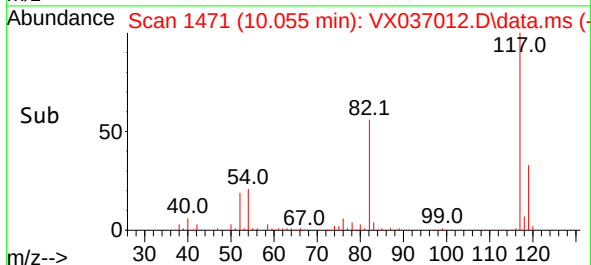
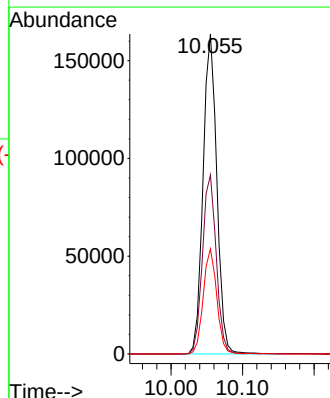
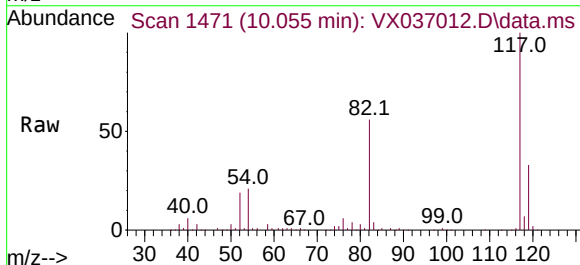
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230815

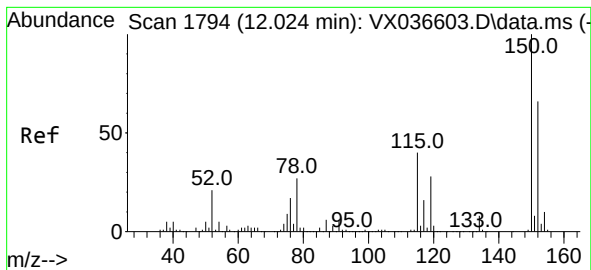
Tgt Ion: 95 Resp: 110428
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 71.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

Tgt Ion: 117 Resp: 218963
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037012.D

Acq: 16 Aug 2023 12:59

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20230815

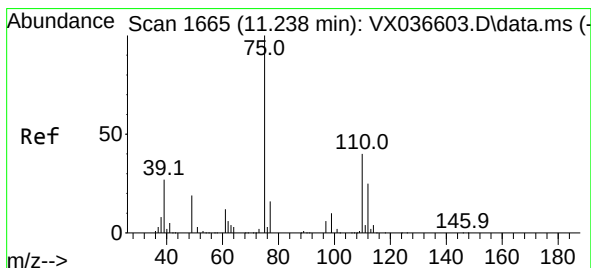
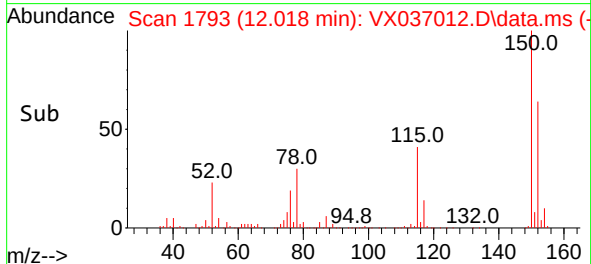
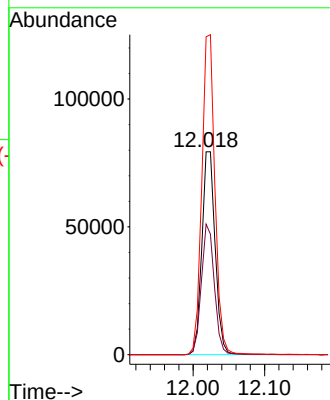
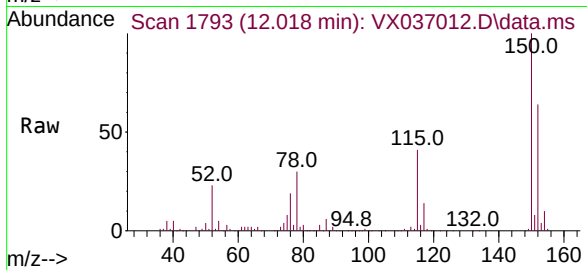
Tgt Ion:152 Resp: 102584

Ion Ratio Lower Upper

152 100

115 62.9 43.3 129.9

150 155.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.791 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037012.D

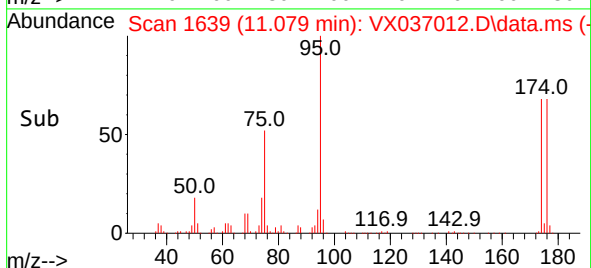
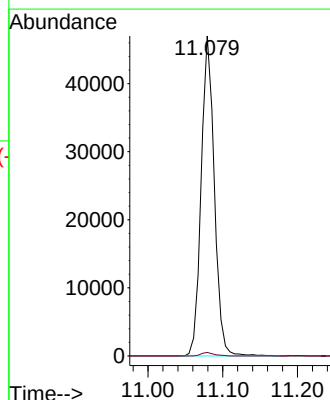
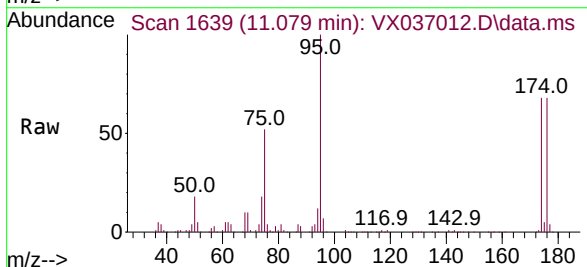
Acq: 16 Aug 2023 12:59

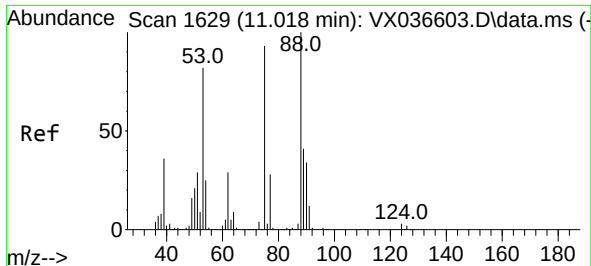
Tgt Ion: 75 Resp: 57406

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

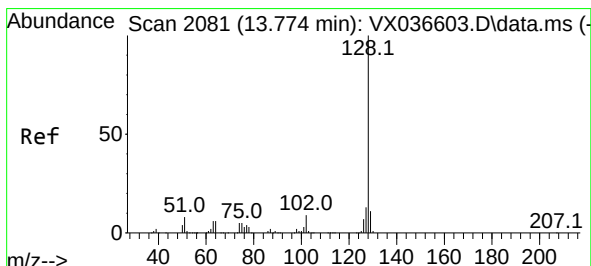
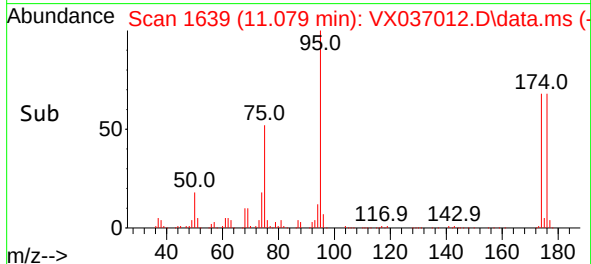
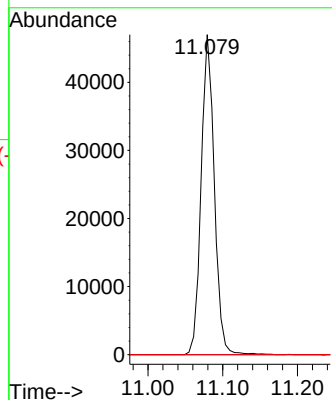
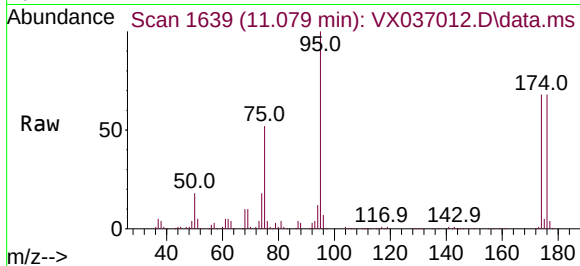




#81
trans-1,4-Dichloro-2-butene
Concen: 53.925 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230815

Tgt Ion: 75 Resp: 57406
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.223 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

Tgt Ion: 128 Resp: 1653
Ion Ratio Lower Upper
128 100
127 10.0 10.3 15.5#
129 9.0 8.8 13.2

