

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037212.D
 Acq On : 24 Aug 2023 13:29
 Operator : JC/MD
 Sample : 04051-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20230816

Quant Time: Aug 24 23:38:29 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	153968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254674	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106702	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96718	43.572	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.140%
35) Dibromofluoromethane	5.385	113	78393	46.479	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.960%
50) Toluene-d8	8.647	98	296297	48.430	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.860%
62) 4-Bromofluorobenzene	11.079	95	114620	47.672	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.340%

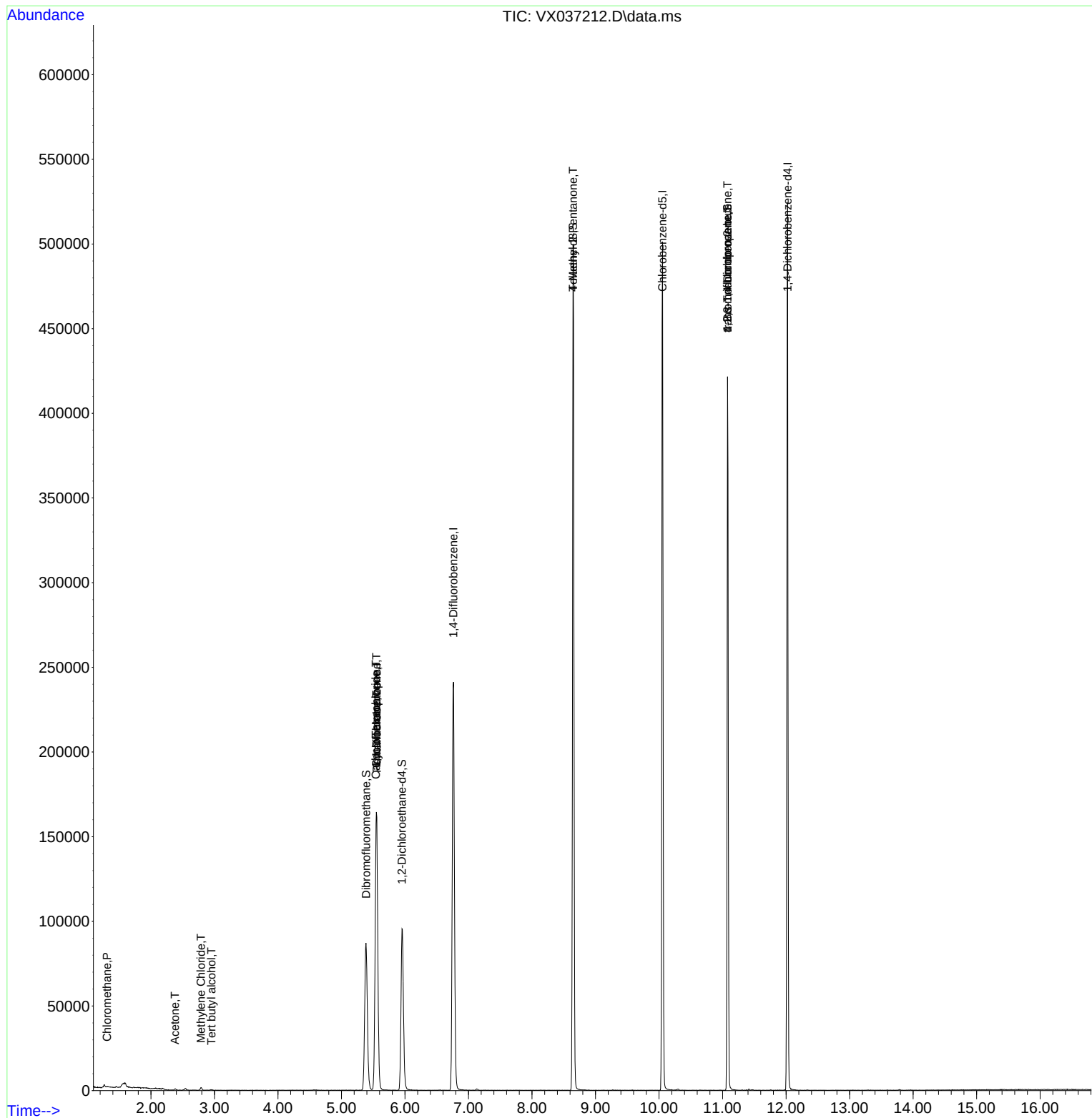
Target Compounds					Qvalue	
3) Chloromethane	1.306	50	442	0.282	ug/l #	69
11) Tert butyl alcohol	2.952	59	241	0.463	ug/l #	78
16) Acetone	2.379	43	996	1.147	ug/l #	85
20) Methylene Chloride	2.788	84	907	0.467	ug/l #	63
31) Cyclohexane	5.550	56	3085	1.236	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12265	5.118	ug/l #	52
38) Carbon Tetrachloride	5.543	117	16525	6.348	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1215	0.515	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	58390	25.695	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58390	71.768	ug/l #	5

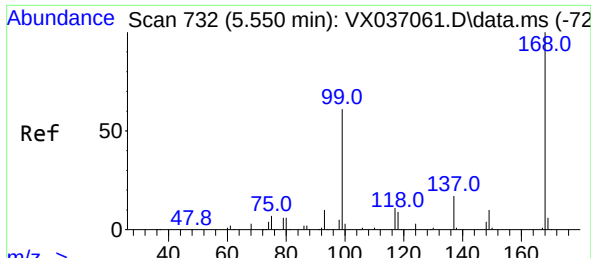
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
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ClientSampleId :
TB02-20230816

Quant Time: Aug 24 23:38:29 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

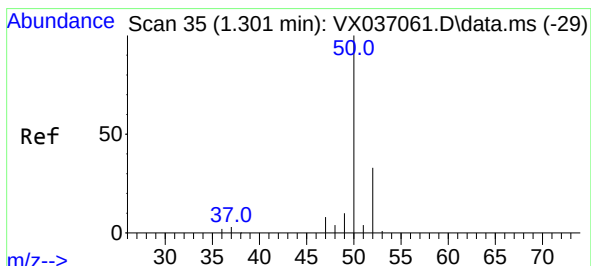
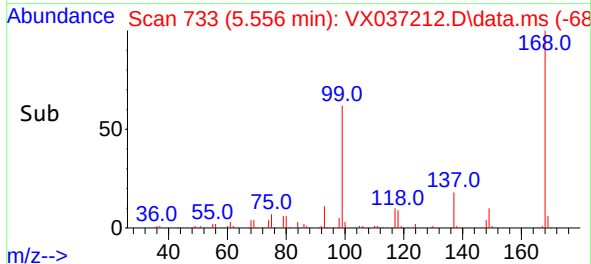
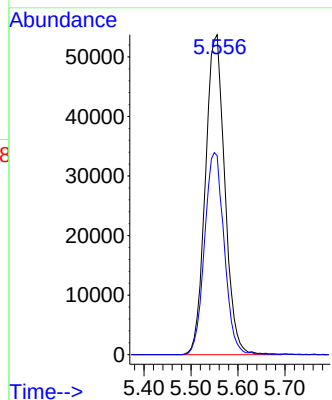
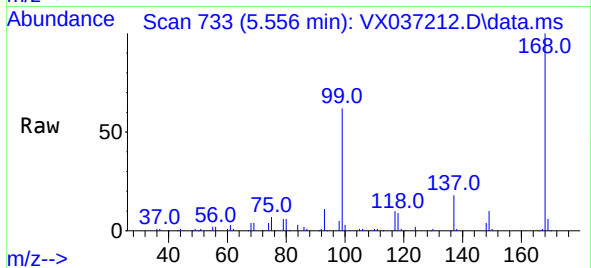




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

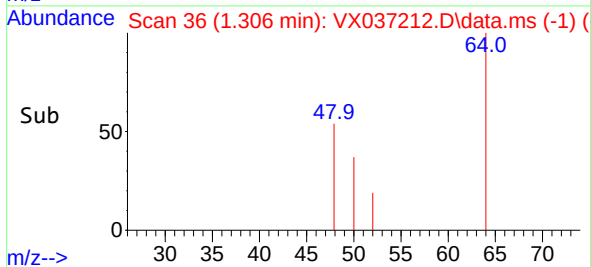
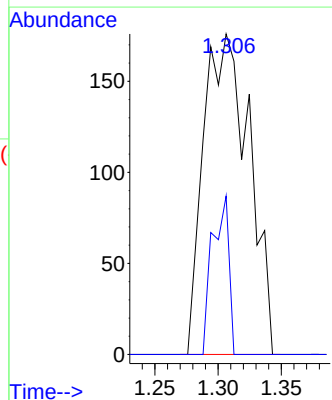
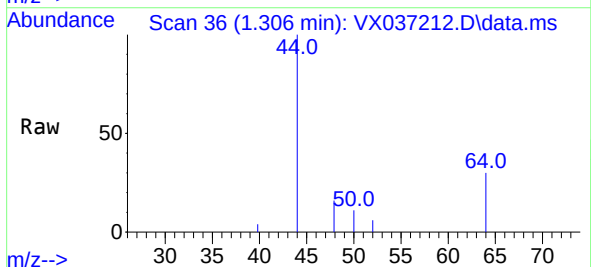
Instrument :
MSVOA_X
ClientSampleId :
TB02-20230816

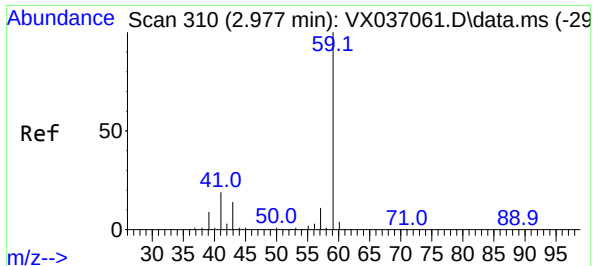
Tgt Ion:168 Resp: 153968
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0



#3
Chloromethane
Concen: 0.282 ug/l
RT: 1.306 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

Tgt Ion: 50 Resp: 442
Ion Ratio Lower Upper
50 100
52 49.4 25.5 38.3#

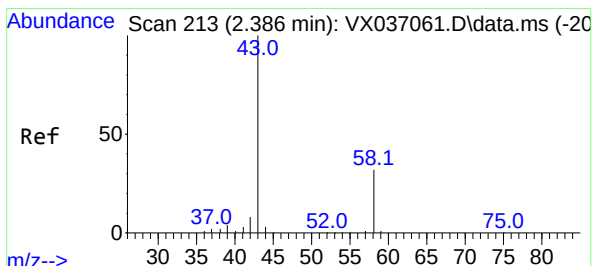
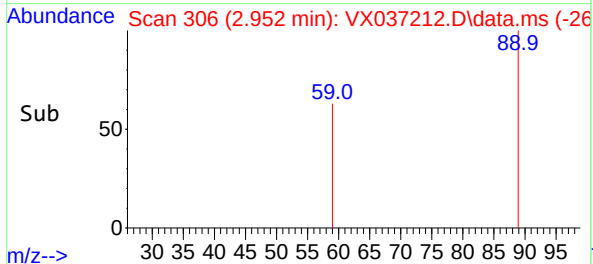
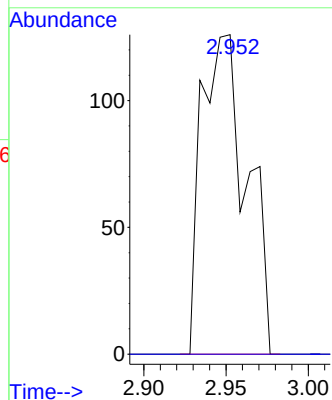
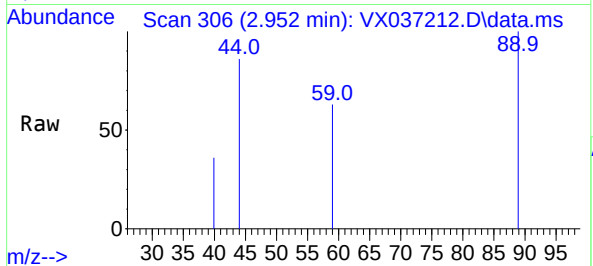




#11
Tert butyl alcohol
Concen: 0.463 ug/l
RT: 2.952 min Scan# 30
Delta R.T. -0.025 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

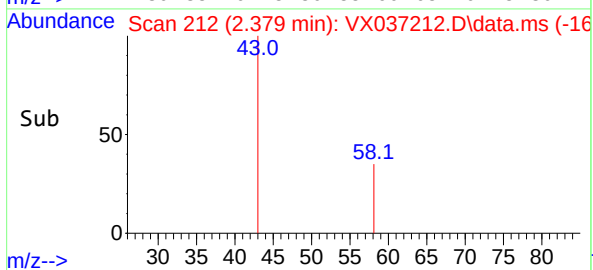
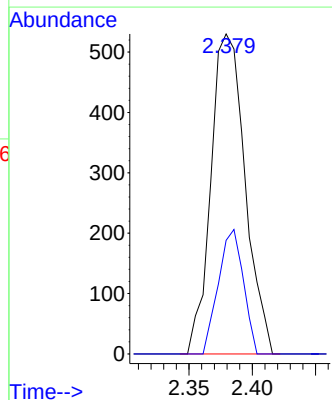
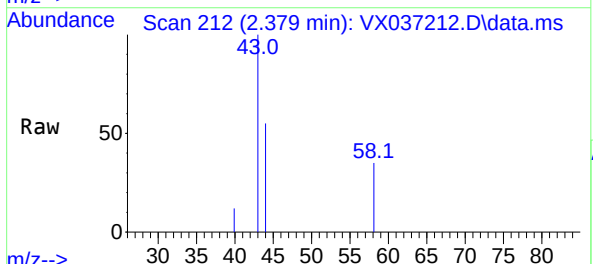
Instrument :
MSVOA_X
ClientSampleId :
TB02-20230816

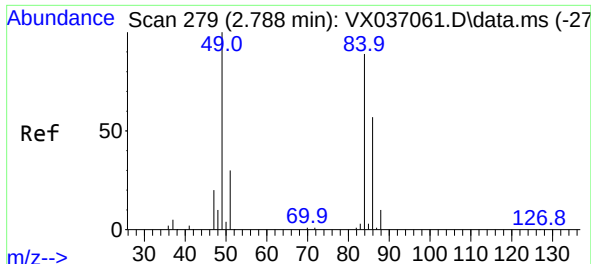
Tgt Ion: 59 Resp: 241
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.147 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
58 35.5 21.9 32.9#





#20

Methylene Chloride

Concen: 0.467 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037212.D

Acq: 24 Aug 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

TB02-20230816

Tgt Ion: 84 Resp: 907

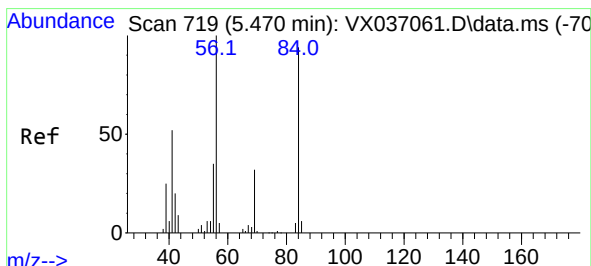
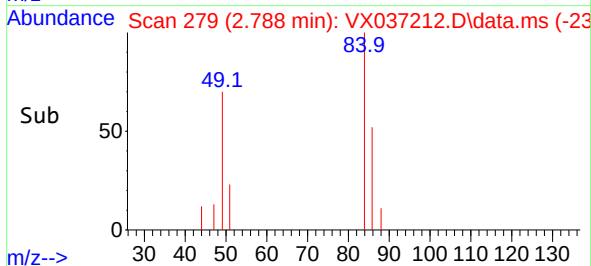
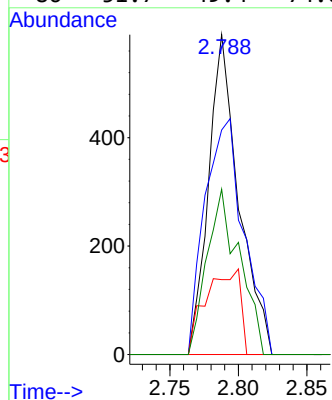
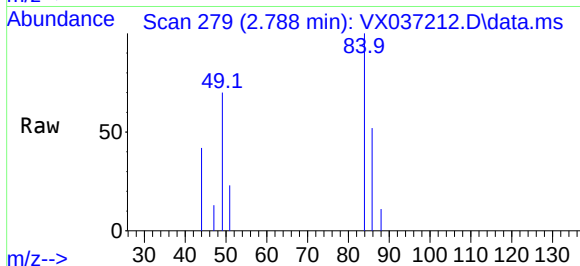
Ion Ratio Lower Upper

84 100

49 70.2 103.6 155.4#

51 23.4 33.8 50.6#

86 51.7 49.4 74.0



#31

Cyclohexane

Concen: 1.236 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037212.D

Acq: 24 Aug 2023 13:29

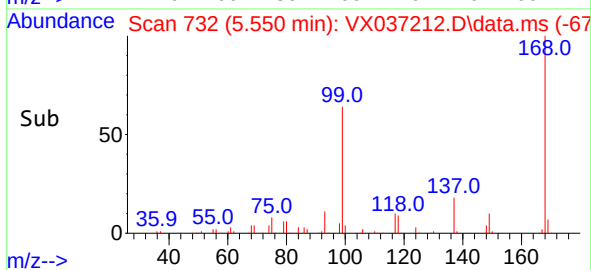
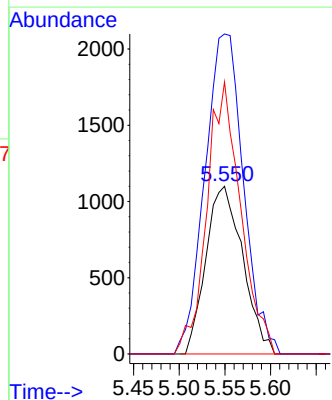
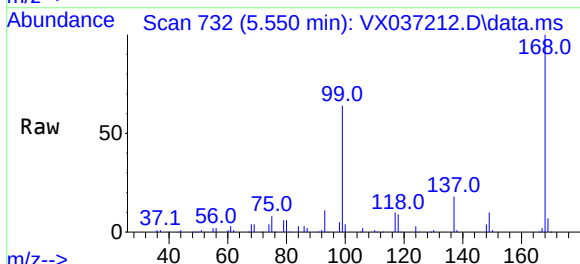
Tgt Ion: 56 Resp: 3085

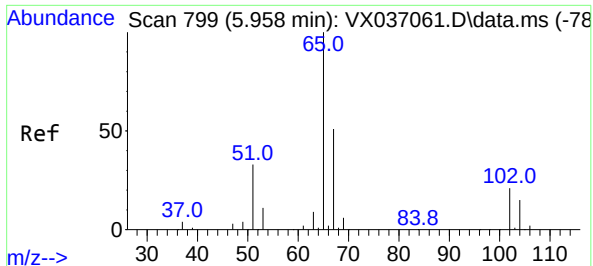
Ion Ratio Lower Upper

56 100

69 190.8 23.4 35.2#

84 162.2 65.9 98.9#

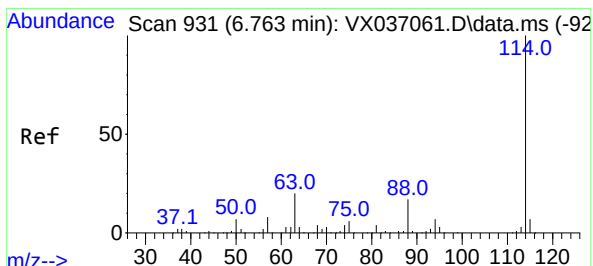
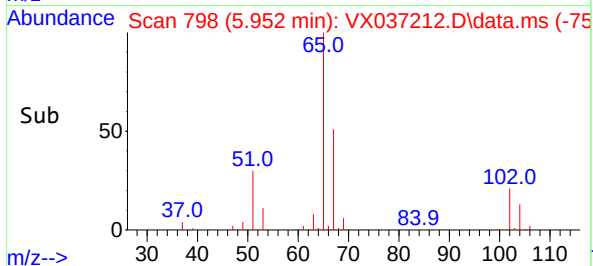
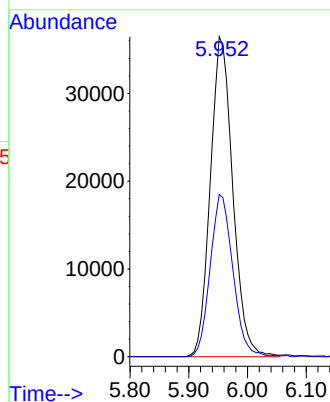
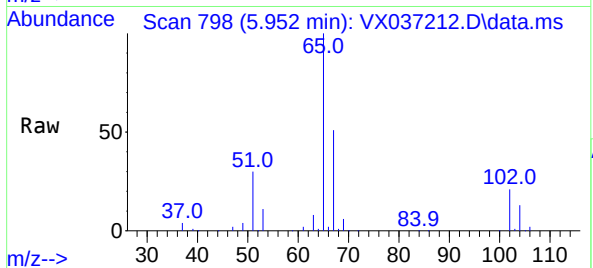




#33
1,2-Dichloroethane-d4
Concen: 43.572 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

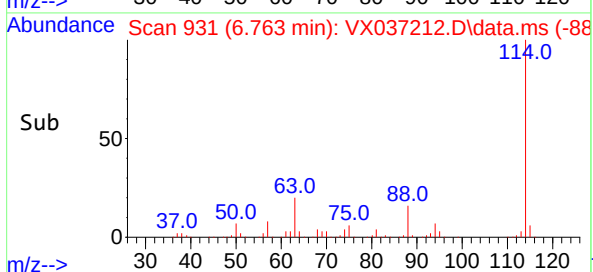
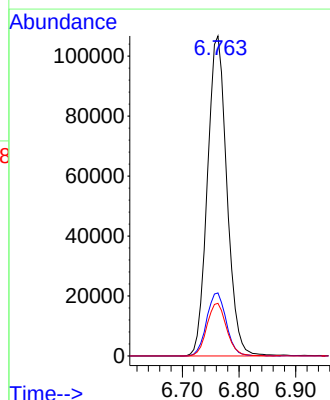
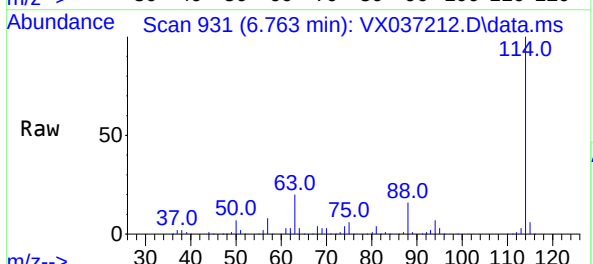
Instrument :
MSVOA_X
ClientSampleId :
TB02-20230816

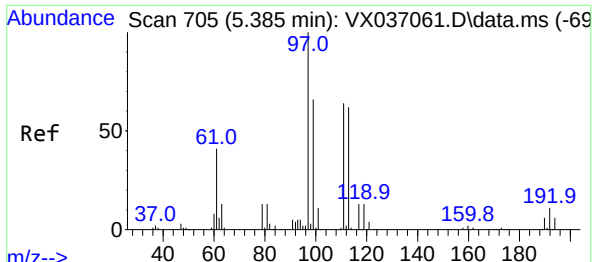
Tgt Ion: 65 Resp: 96718
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

Tgt Ion: 114 Resp: 254674
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 16.5 0.0 36.6



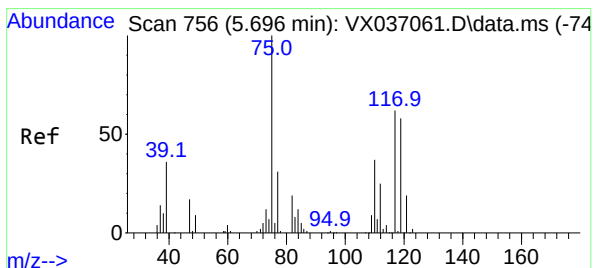
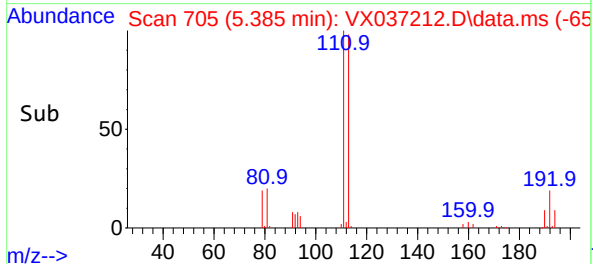
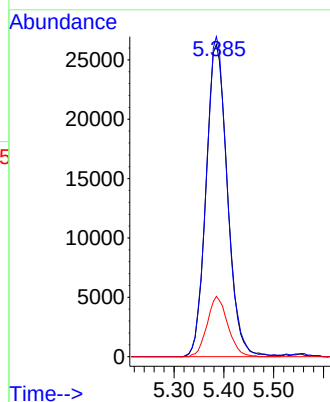
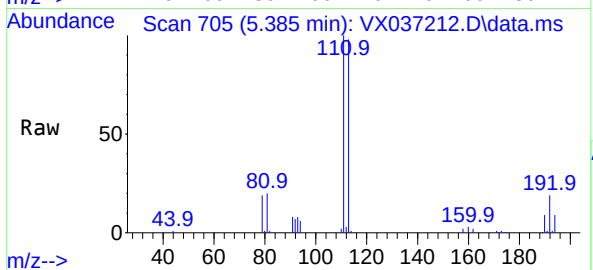


#35
Dibromofluoromethane
Concen: 46.479 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

Instrument :
MSVOA_X
ClientSampleId :
TB02-20230816

Tgt Ion:113 Resp: 78393

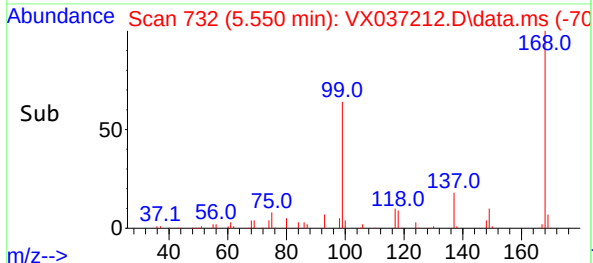
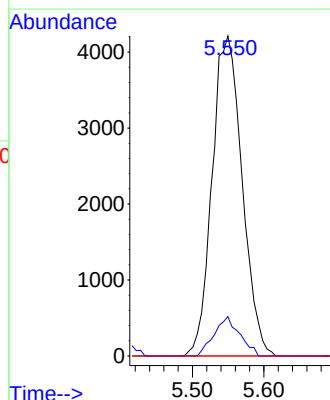
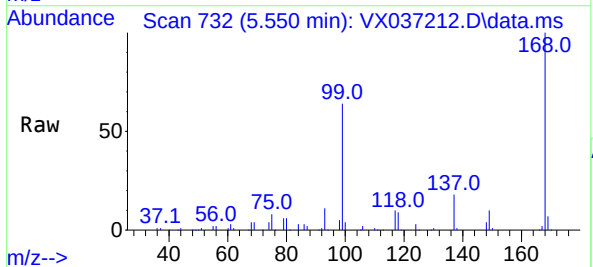
Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.9	124.3
192	18.5	13.3	19.9

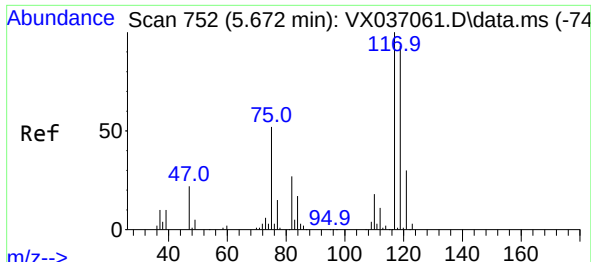


#36
1,1-Dichloropropene
Concen: 5.118 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

Tgt Ion: 75 Resp: 12265

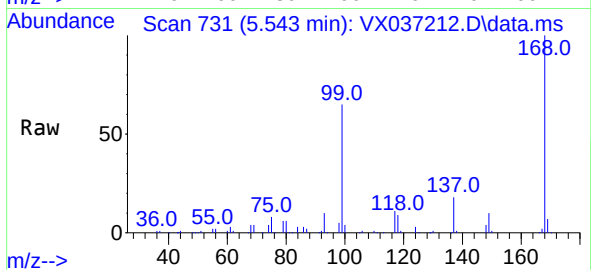
Ion	Ratio	Lower	Upper
75	100		
110	10.5	17.0	50.9#
77	0.0	24.7	37.1#



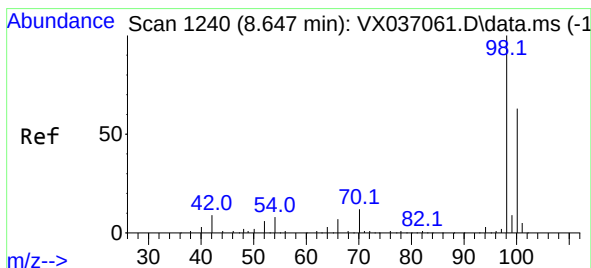
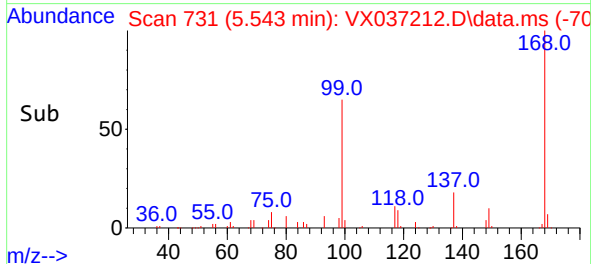
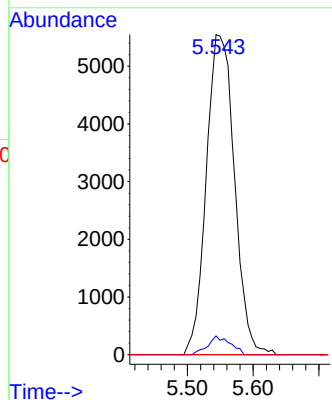


#38
Carbon Tetrachloride
Concen: 6.348 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

Instrument :
MSVOA_X
ClientSampleId :
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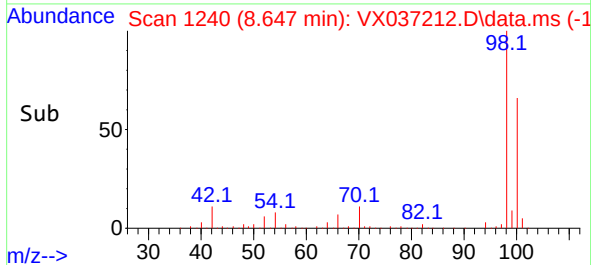
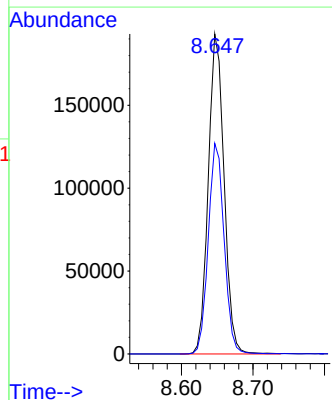
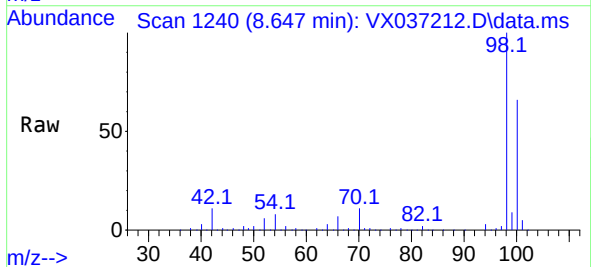


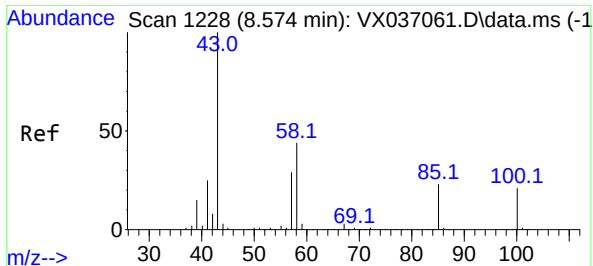
Tgt Ion:117 Resp: 16525
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.430 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

Tgt Ion: 98 Resp: 296297
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

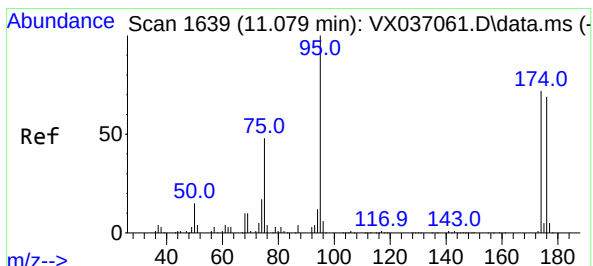
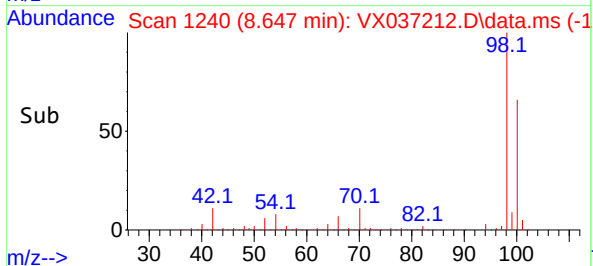
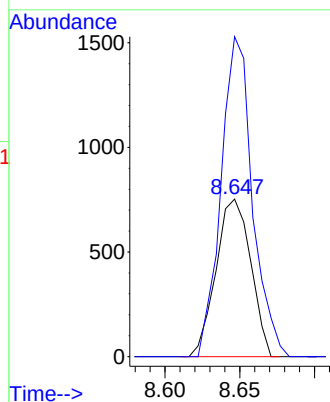
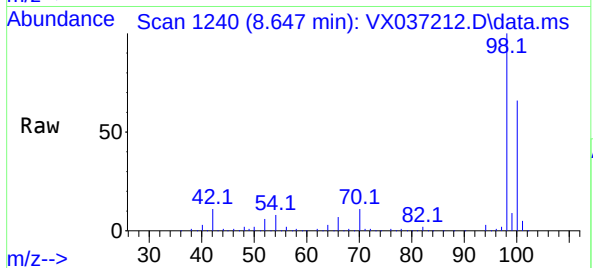




#51
4-Methyl-2-Pentanone
Concen: 0.515 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

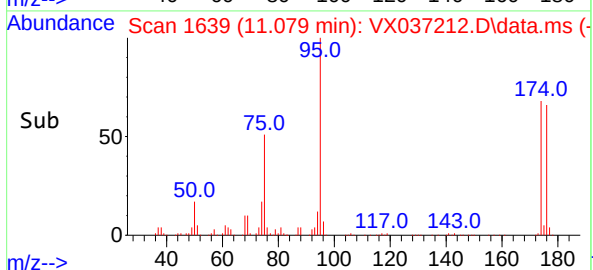
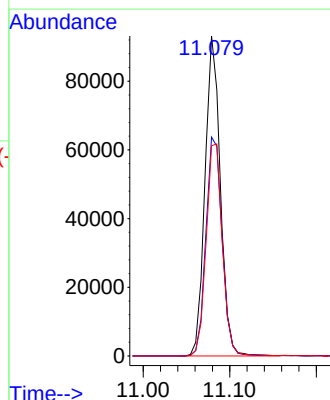
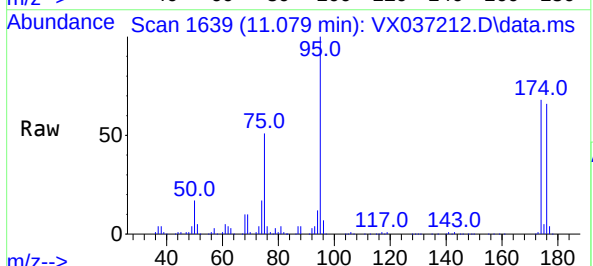
Instrument :
MSVOA_X
ClientSampleId :
TB02-20230816

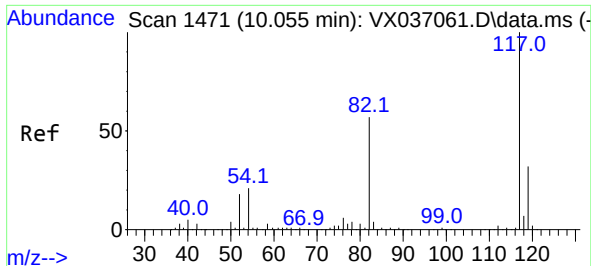
Tgt Ion: 43 Resp: 1215
Ion Ratio Lower Upper
43 100
58 183.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.672 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

Tgt Ion: 95 Resp: 114620
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 69.8 0.0 131.0

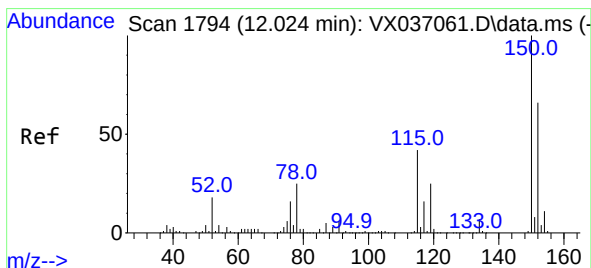
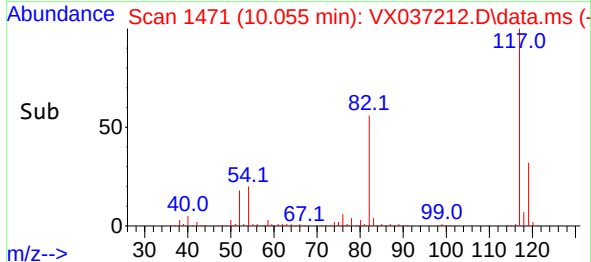
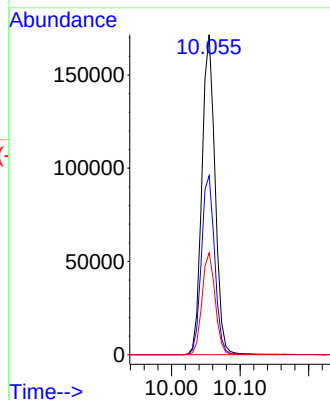
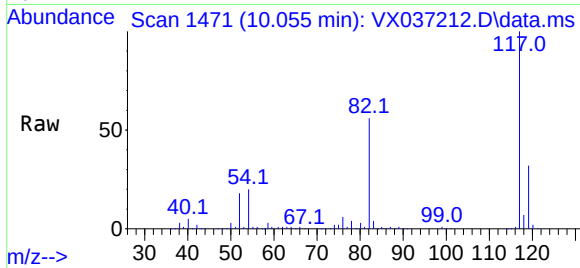




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

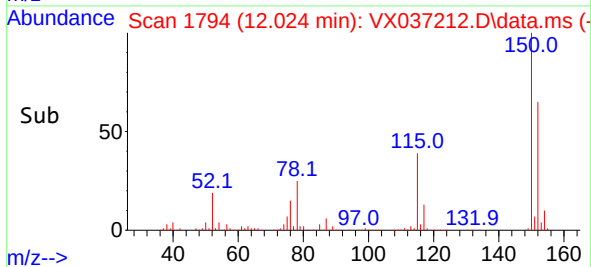
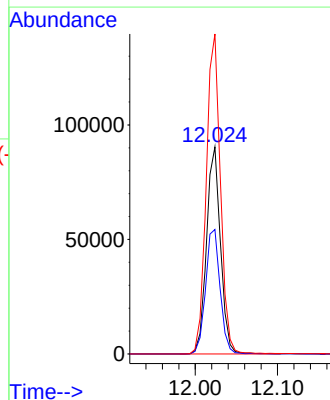
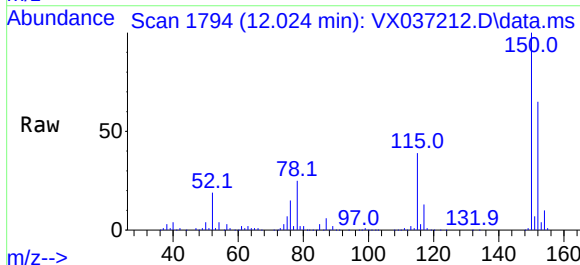
Instrument :
MSVOA_X
ClientSampleId :
TB02-20230816

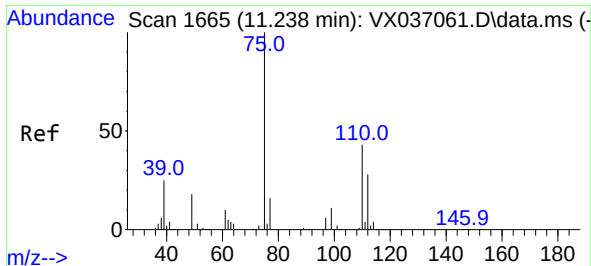
Tgt Ion:117 Resp: 229901
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

Tgt Ion:152 Resp: 106702
Ion Ratio Lower Upper
152 100
115 62.9 43.3 129.9
150 157.1 0.0 345.0

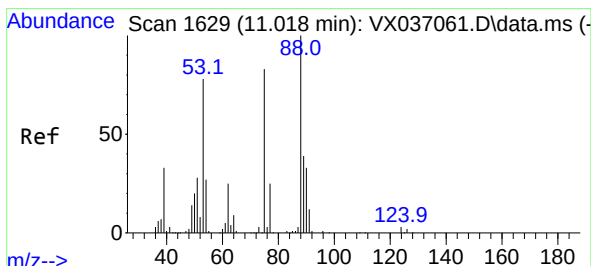
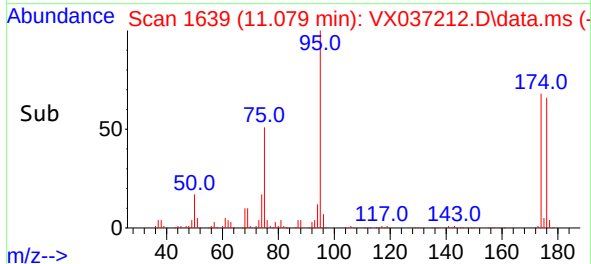
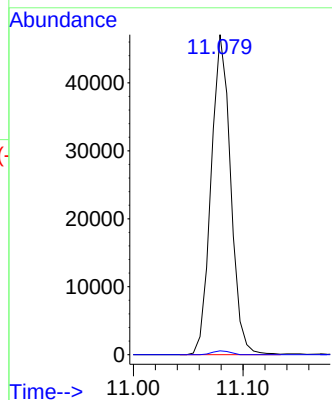
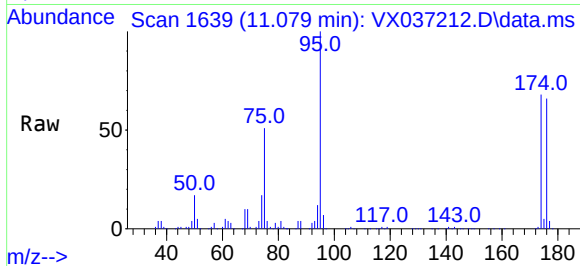




#76
1,2,3-Trichloropropane
Concen: 25.695 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

Instrument :
MSVOA_X
ClientSampleId :
TB02-20230816

Tgt Ion: 75 Resp: 58390
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.768 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037212.D
Acq: 24 Aug 2023 13:29

Tgt Ion: 75 Resp: 58390
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

