

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
 Data File : VX035712.D
 Acq On : 17 May 2023 12:51
 Operator : JC/MD
 Sample : 02812-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: May 18 04:40:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	174541	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	328651	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134718	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	152055	49.937	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.880%
35) Dibromofluoromethane	5.385	113	107155	48.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.700%
50) Toluene-d8	8.647	98	397234	48.514	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.020%
62) 4-Bromofluorobenzene	11.079	95	163869	49.705	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.420%

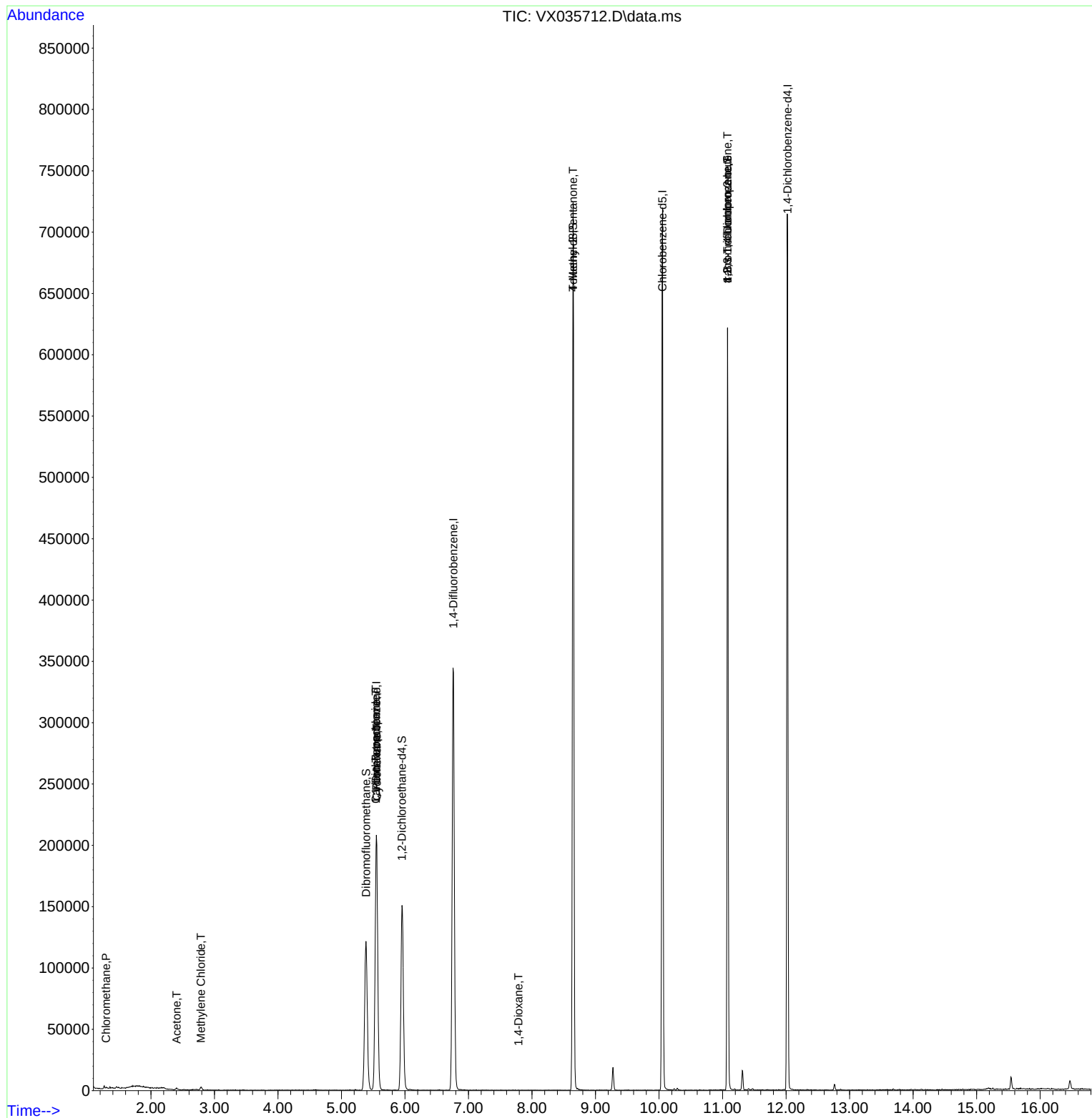
Target Compounds						Qvalue
3) Chloromethane	1.295	50	946	0.343	ug/l	98
16) Acetone	2.404	43	1727	1.320	ug/l	# 86
20) Methylene Chloride	2.788	84	1077	0.454	ug/l	# 91
31) Cyclohexane	5.556	56	5086	1.322	ug/l	# 20
36) 1,1-Dichloropropene	5.544	75	17014	4.863	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	20272	6.117	ug/l	# 15
49) 1,4-Dioxane	7.787	88	19	2.274	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.647	43	2254	0.615	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	90738	27.536	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	90738	88.745	ug/l	# 8

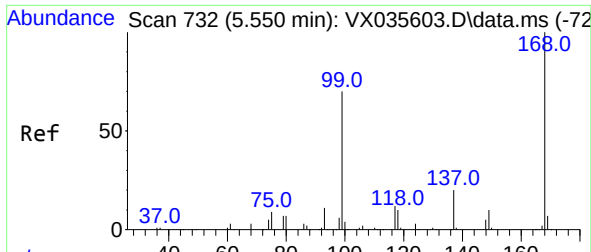
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
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TB

Quant Time: May 18 04:40:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

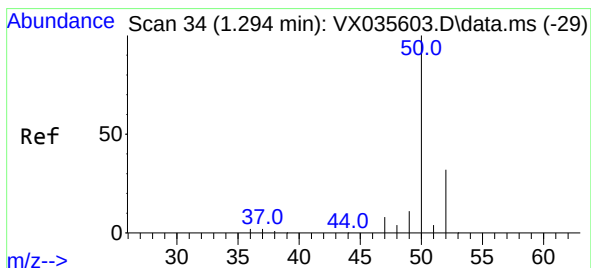
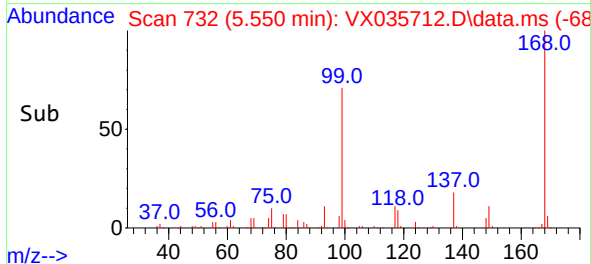
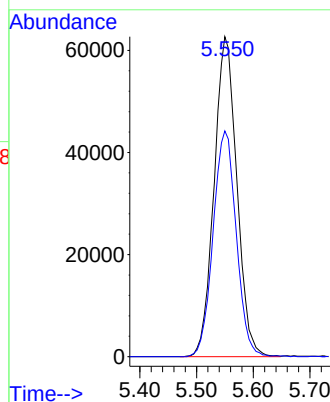
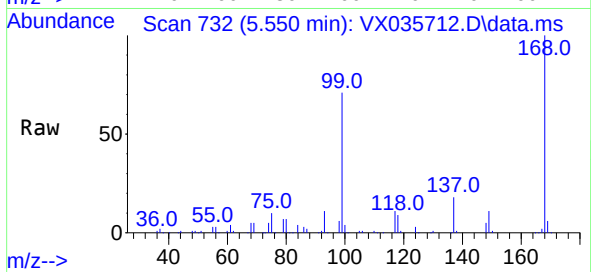




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035712.D
Acq: 17 May 2023 12:51

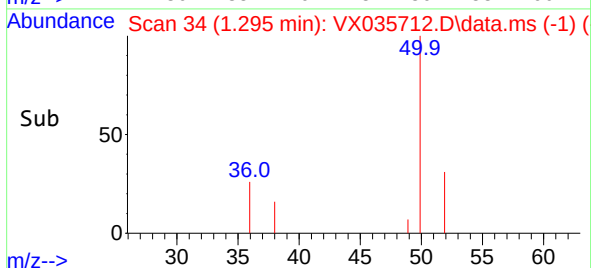
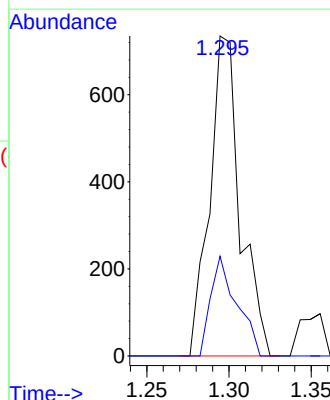
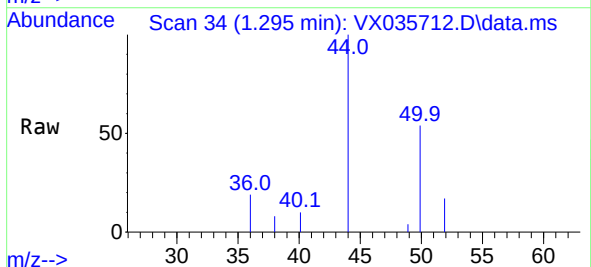
Instrument :
MSVOA_X
ClientSampleId :
TB

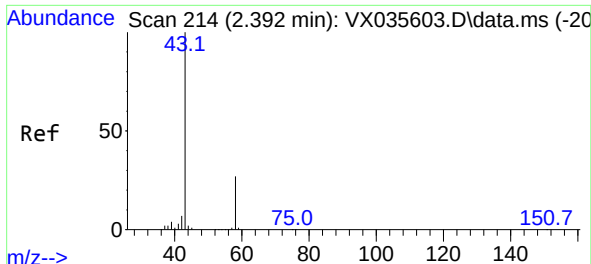
Tgt Ion:168 Resp: 174541
Ion Ratio Lower Upper
168 100
99 70.5 45.7 68.5#



#3
Chloromethane
Concen: 0.343 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035712.D
Acq: 17 May 2023 12:51

Tgt Ion: 50 Resp: 946
Ion Ratio Lower Upper
50 100
52 31.2 25.9 38.9

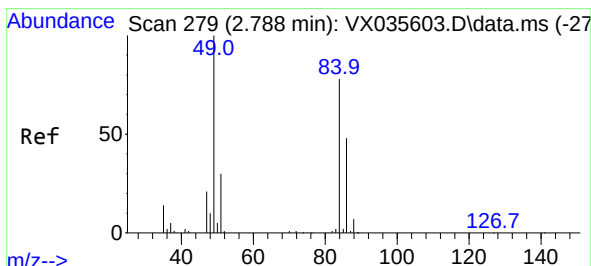
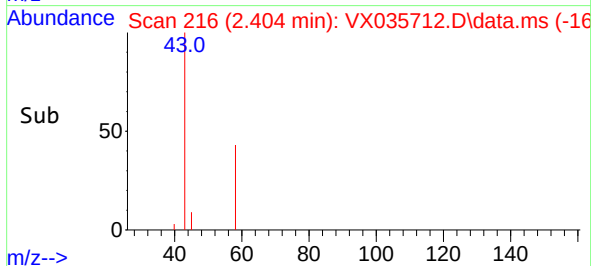
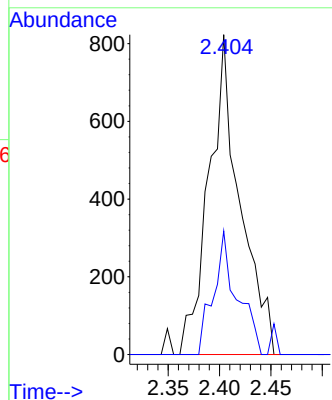
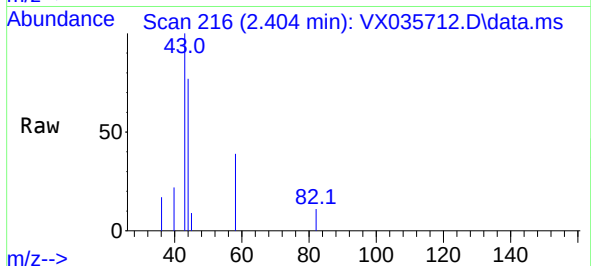




#16
Acetone
Concen: 1.320 ug/l
RT: 2.404 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX035712.D
Acq: 17 May 2023 12:51

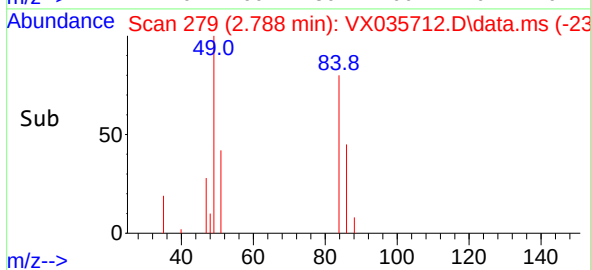
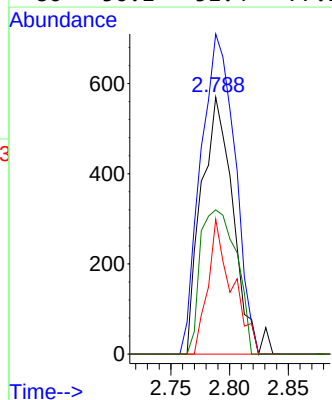
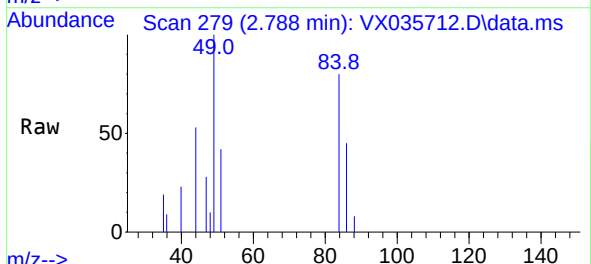
Instrument :
MSVOA_X
ClientSampleId :
TB

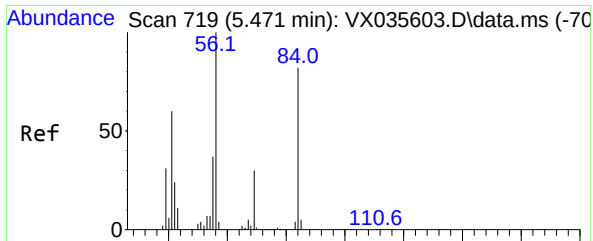
Tgt Ion: 43 Resp: 1727
Ion Ratio Lower Upper
43 100
58 38.6 24.7 37.1#



#20
Methylene Chloride
Concen: 0.454 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035712.D
Acq: 17 May 2023 12:51

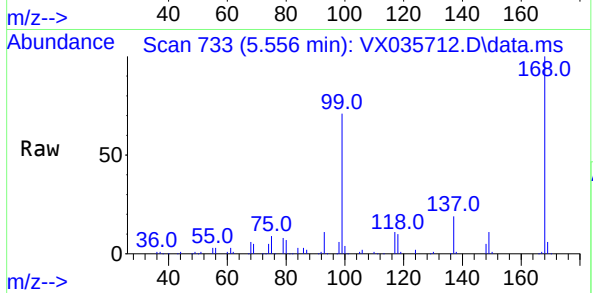
Tgt Ion: 84 Resp: 1077
Ion Ratio Lower Upper
84 100
49 124.6 103.8 155.8
51 52.5 31.8 47.8#
86 56.1 51.4 77.2



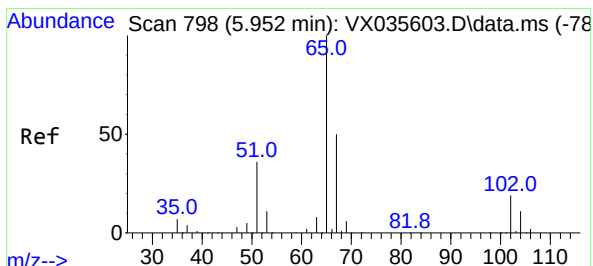
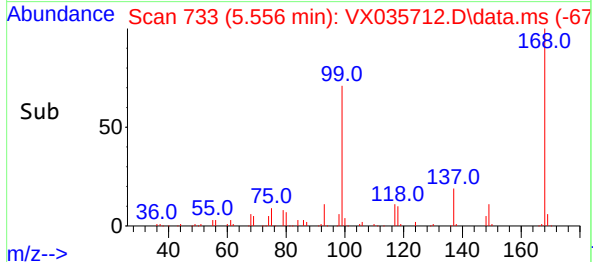
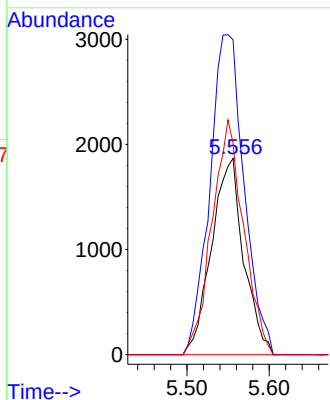


#31
Cyclohexane
Concen: 1.322 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX035712.D
Acq: 17 May 2023 12:51

Instrument :
MSVOA_X
ClientSampleId :
TB

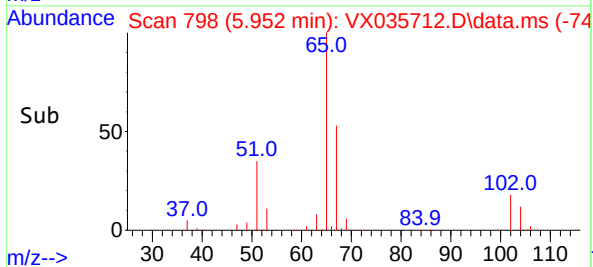
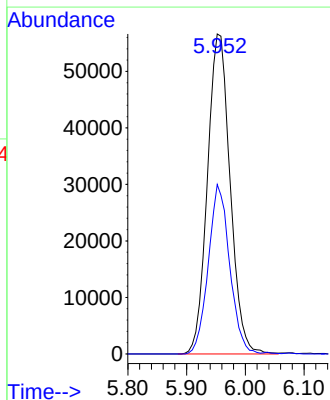
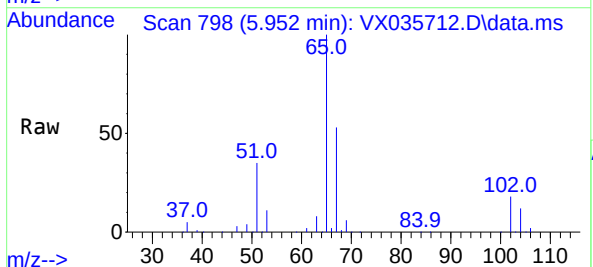


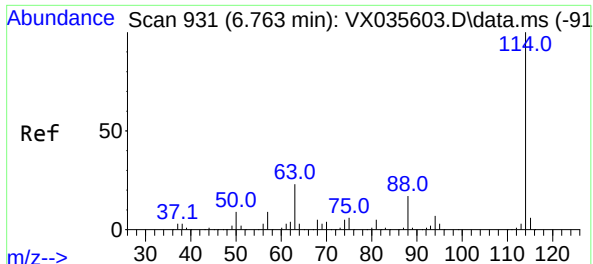
Tgt Ion: 56 Resp: 5086
Ion Ratio Lower Upper
56 100
69 160.4 23.7 35.5#
84 107.6 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.937 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035712.D
Acq: 17 May 2023 12:51

Tgt Ion: 65 Resp: 152055
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.0

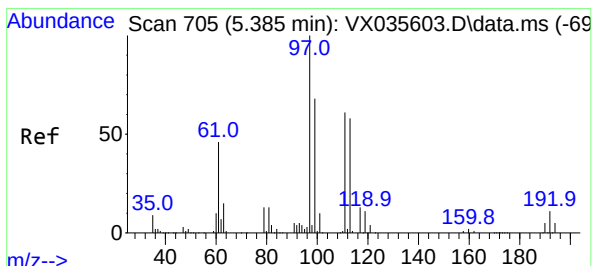
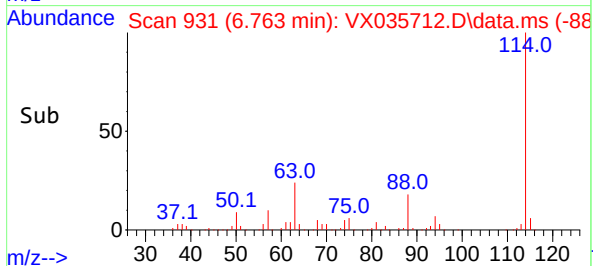
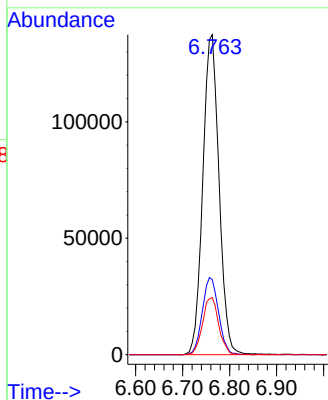
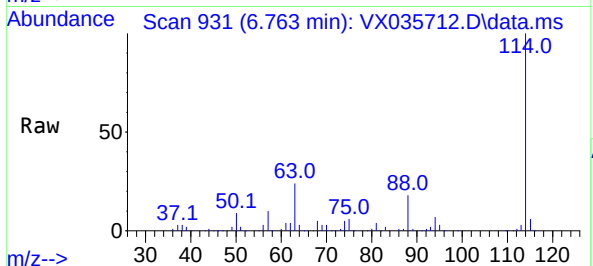




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035712.D
Acq: 17 May 2023 12:51

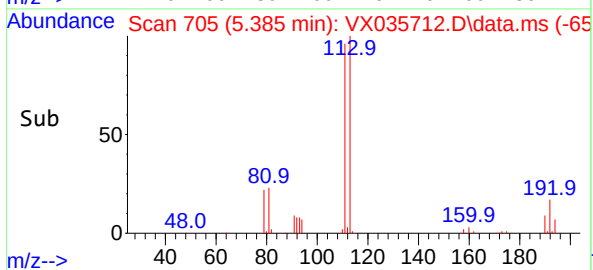
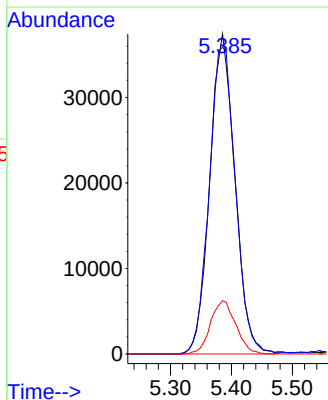
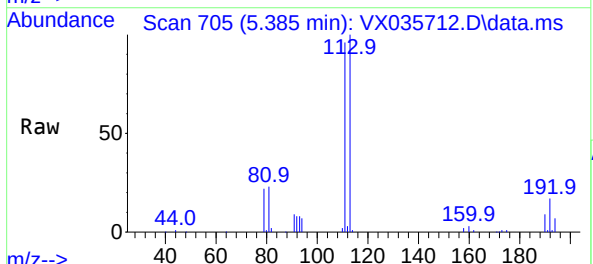
Instrument :
MSVOA_X
ClientSampleId :
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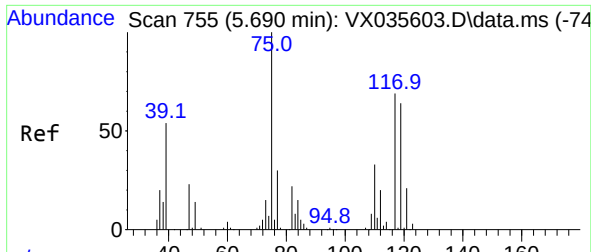
Tgt Ion:114 Resp: 328651
Ion Ratio Lower Upper
114 100
63 23.5 0.0 42.2
88 17.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.346 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035712.D
Acq: 17 May 2023 12:51

Tgt Ion:113 Resp: 107155
Ion Ratio Lower Upper
113 100
111 100.7 83.7 125.5
192 16.7 15.4 23.2

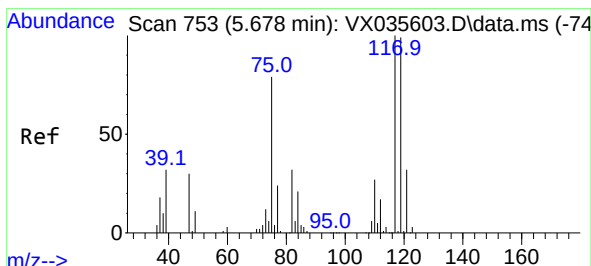
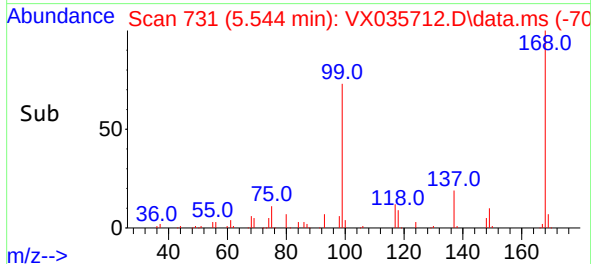
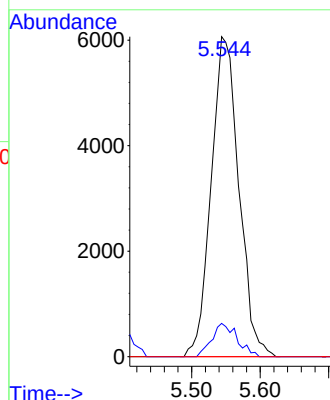
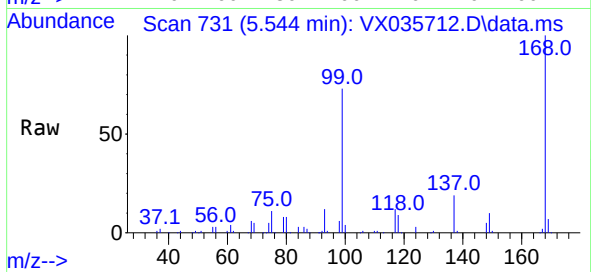




#36
1,1-Dichloropropene
Concen: 4.863 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX035712.D
Acq: 17 May 2023 12:51

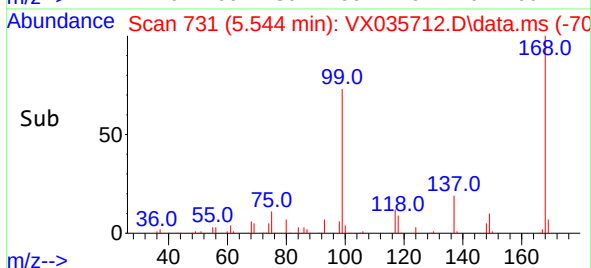
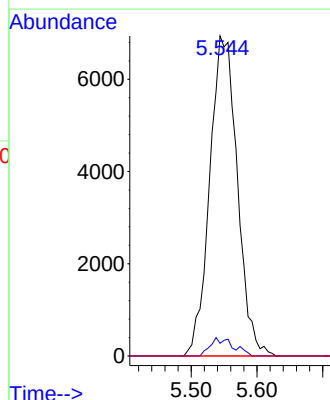
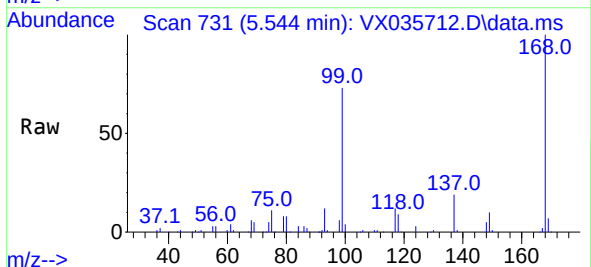
Instrument :
MSVOA_X
ClientSampleId :
TB

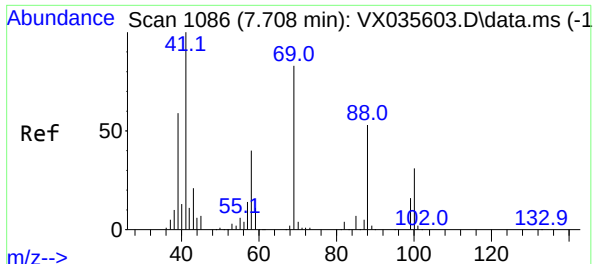
Tgt Ion: 75 Resp: 17014
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.117 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX035712.D
Acq: 17 May 2023 12:51

Tgt Ion: 117 Resp: 20272
Ion Ratio Lower Upper
117 100
119 3.9 76.6 114.8#
121 0.0 23.8 35.6#

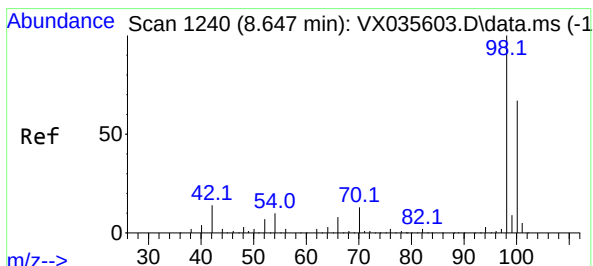
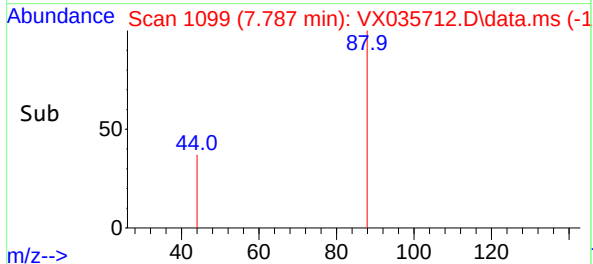
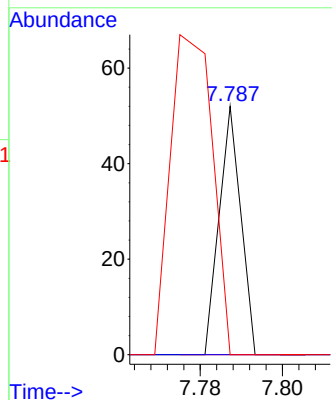
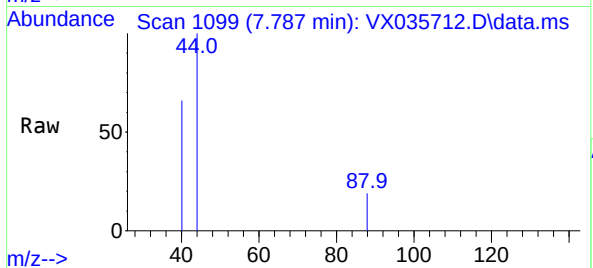




#49
1,4-Dioxane
Concen: 2.274 ug/l
RT: 7.787 min Scan# 1086
Delta R.T. 0.079 min
Lab File: VX035712.D
Acq: 17 May 2023 12:51

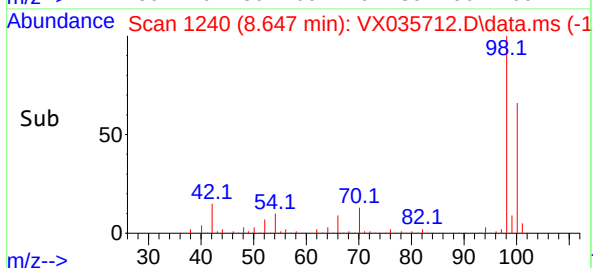
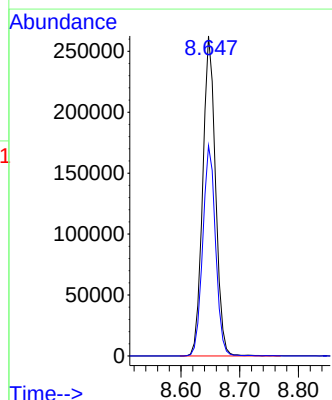
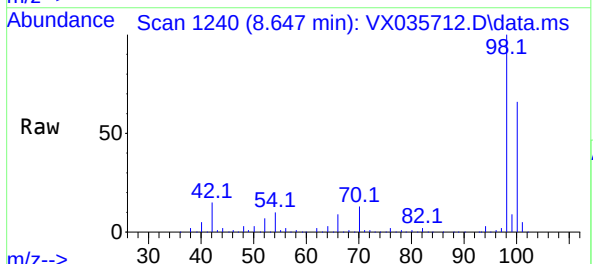
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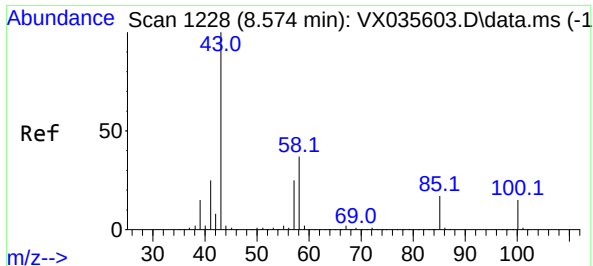
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 252.6 56.8 85.2#



#50
Toluene-d8
Concen: 48.514 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035712.D
Acq: 17 May 2023 12:51

Tgt Ion: 98 Resp: 397234
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

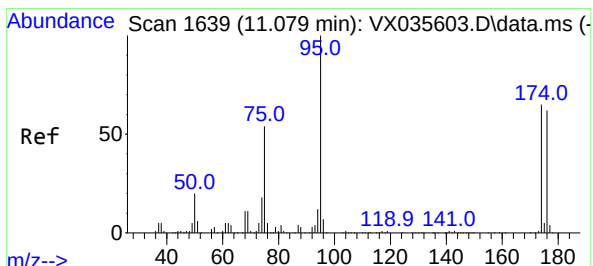
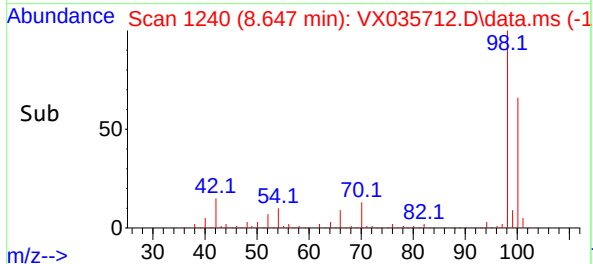
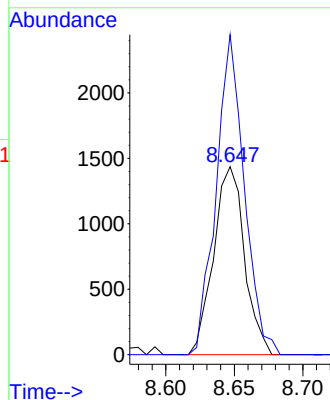
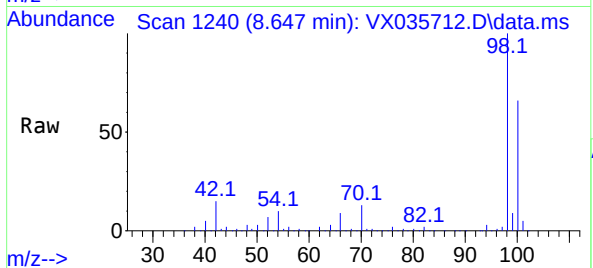




#51
4-Methyl-2-Pentanone
Concen: 0.615 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX035712.D
Acq: 17 May 2023 12:51

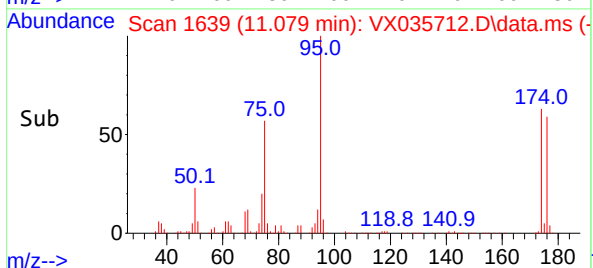
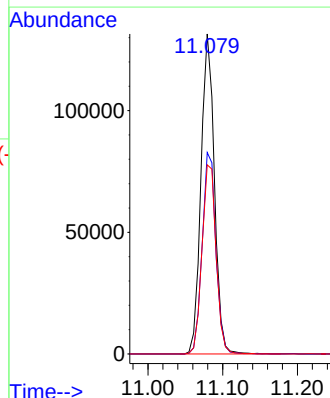
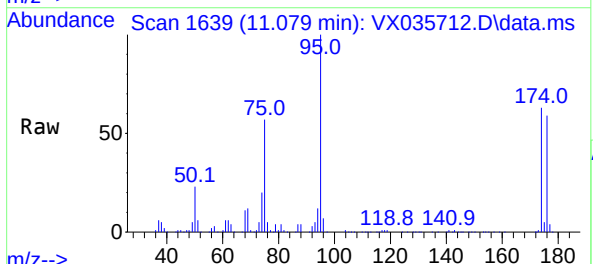
Instrument :
MSVOA_X
ClientSampleId :
TB

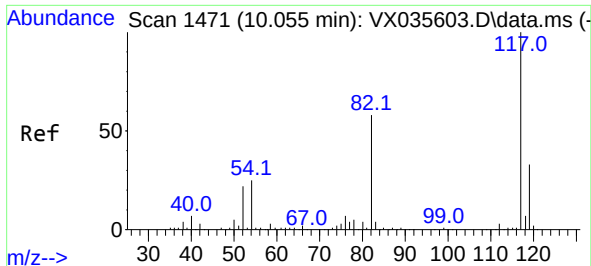
Tgt Ion: 43 Resp: 2254
Ion Ratio Lower Upper
43 100
58 155.3 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 49.705 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035712.D
Acq: 17 May 2023 12:51

Tgt Ion: 95 Resp: 163869
Ion Ratio Lower Upper
95 100
174 64.0 0.0 147.4
176 62.1 0.0 140.6

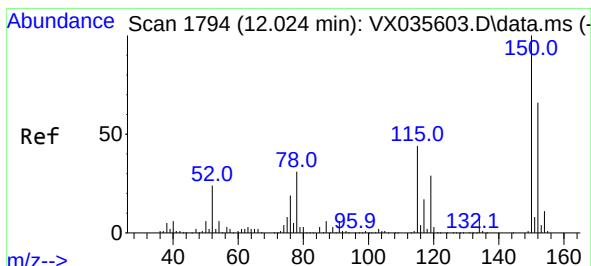
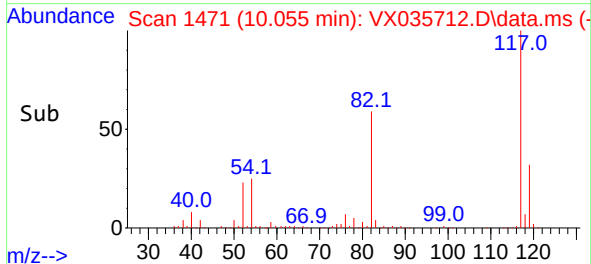
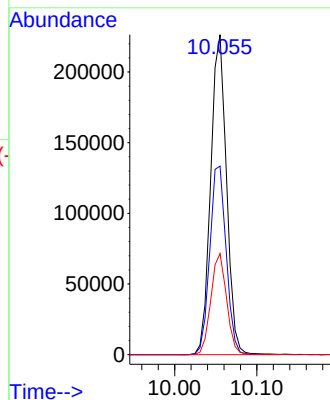
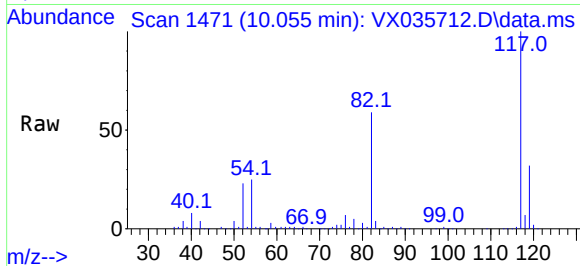




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035712.D
Acq: 17 May 2023 12:51

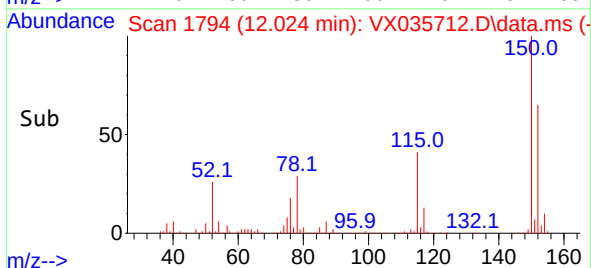
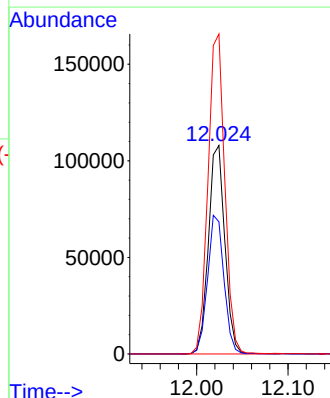
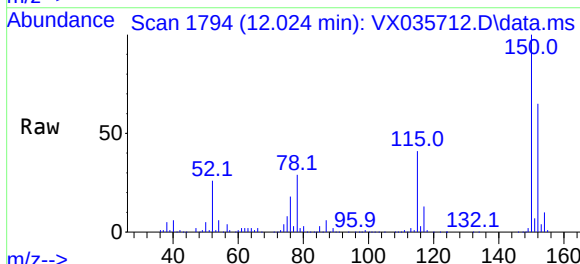
Instrument :
MSVOA_X
ClientSampleId :
TB

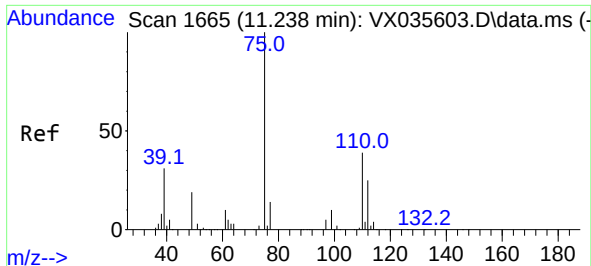
Tgt Ion:117 Resp: 302570
Ion Ratio Lower Upper
117 100
82 59.0 45.0 67.4
119 31.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035712.D
Acq: 17 May 2023 12:51

Tgt Ion:152 Resp: 134718
Ion Ratio Lower Upper
152 100
115 66.3 45.0 135.0
150 156.2 0.0 352.4

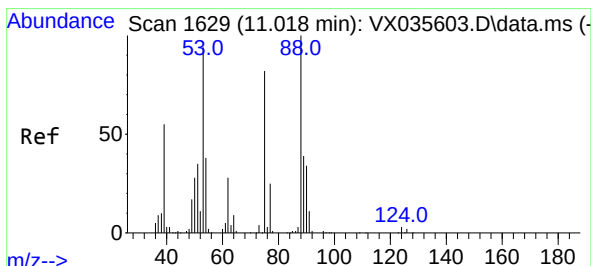
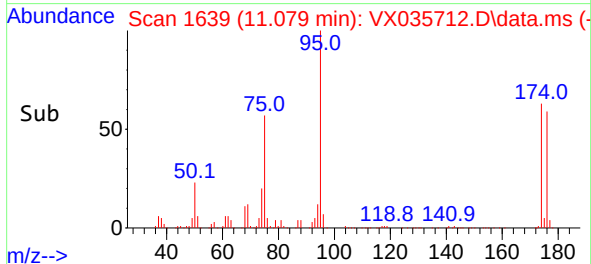
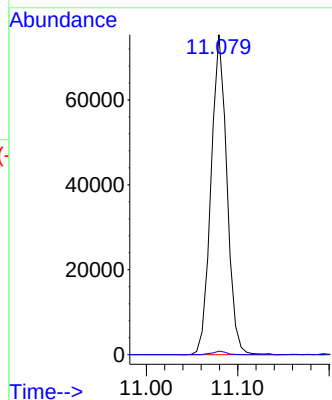
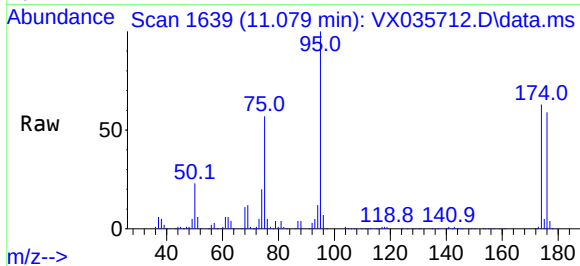




#76
1,2,3-Trichloropropane
Concen: 27.536 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035712.D
Acq: 17 May 2023 12:51

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 75 Resp: 90738
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.745 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035712.D
Acq: 17 May 2023 12:51

Tgt Ion: 75 Resp: 90738
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

