

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
 Data File : VX035711.D
 Acq On : 17 May 2023 12:28
 Operator : JC/MD
 Sample : 02816-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-051623

Quant Time: May 18 04:40:27 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)

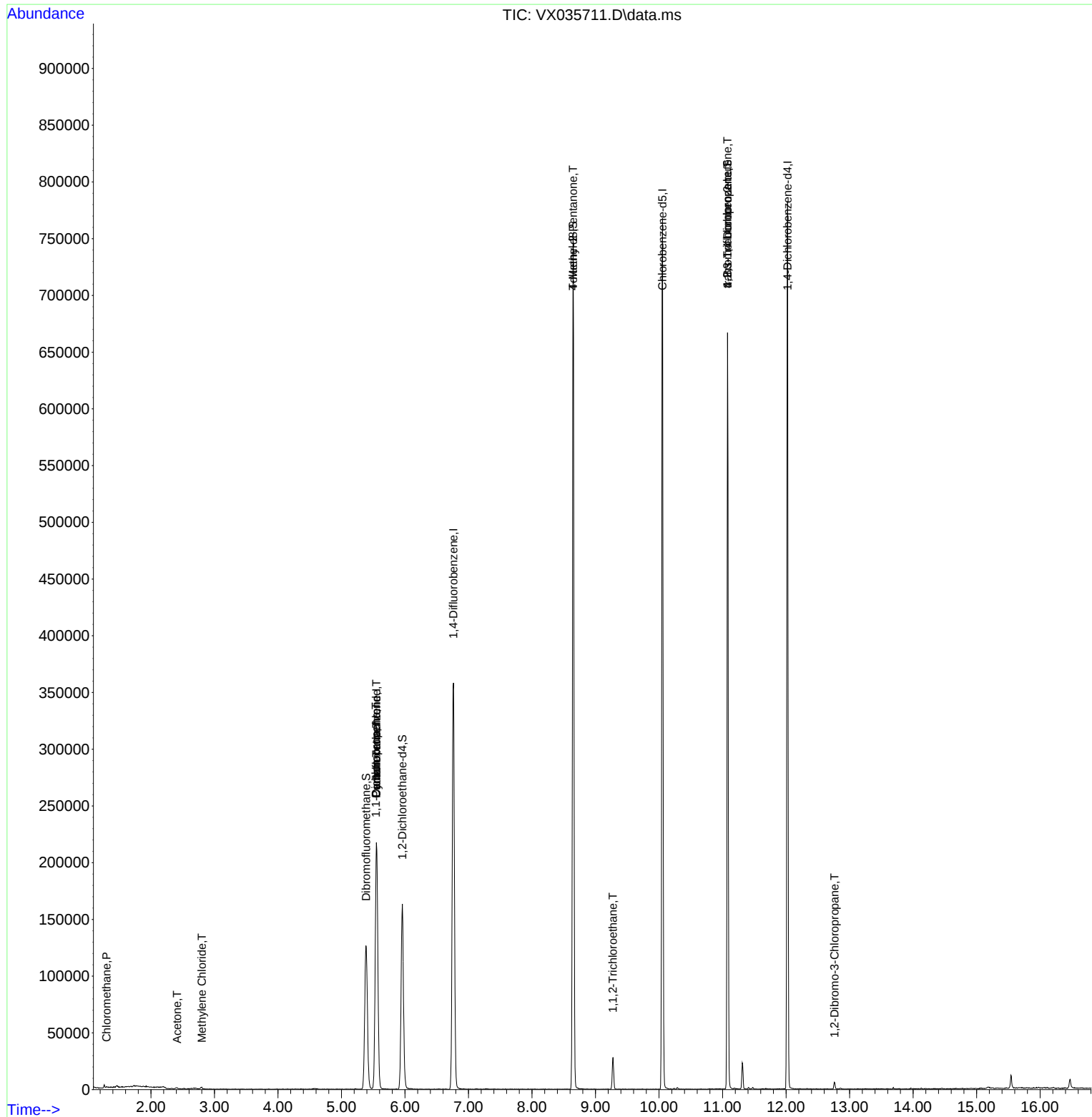
Internal Standards						
1) Pentafluorobenzene	5.550	168	185522	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	345382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162274	50.139	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.280%	
35) Dibromofluoromethane	5.385	113	112928	48.483	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.960%	
50) Toluene-d8	8.647	98	416830	48.441	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.880%	
62) 4-Bromofluorobenzene	11.079	95	174977	50.503	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	665	0.227	ug/l	# 47
16) Acetone	2.410	43	1638	1.178	ug/l	96
20) Methylene Chloride	2.800	84	779	0.309	ug/l	# 75
31) Cyclohexane	5.550	56	5290	1.294	ug/l	# 27
36) 1,1-Dichloropropene	5.544	75	18455	5.020	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	21432	6.154	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	2192	0.569	ug/l	# 1
55) 1,1,2-Trichloroethane	9.275	97	588	0.231	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	95685	26.737	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	95685	86.168	ug/l	# 8
92) 1,2-Dibromo-3-Chloropr...	12.762	75	254	0.285	ug/l	# 5

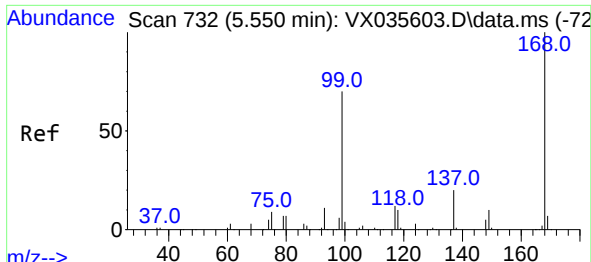
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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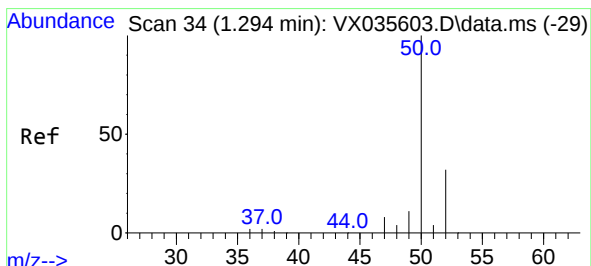
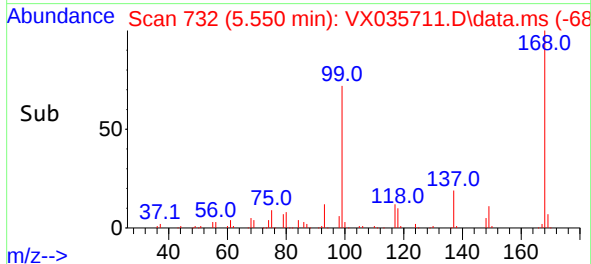
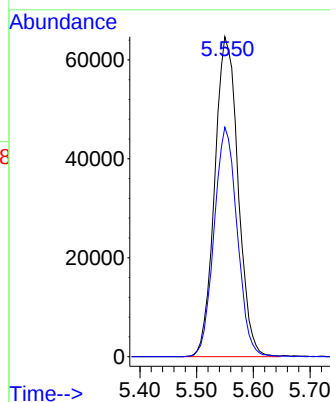
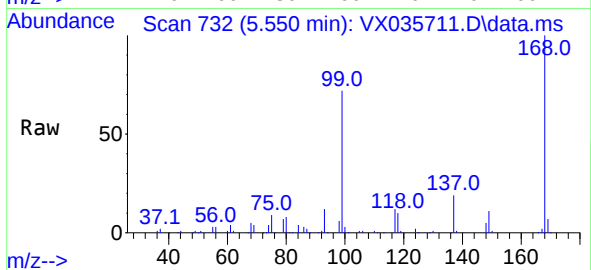




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

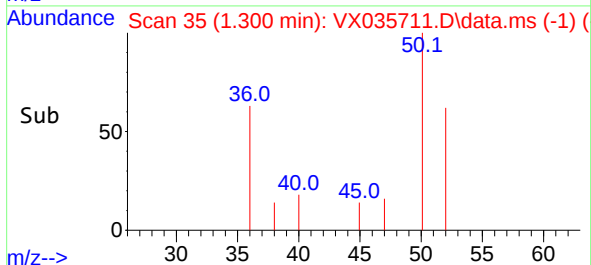
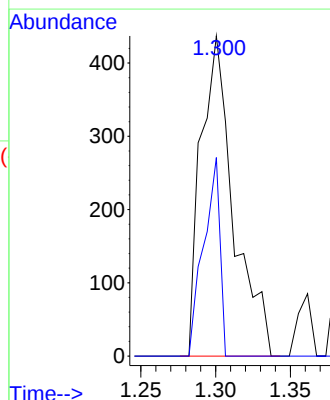
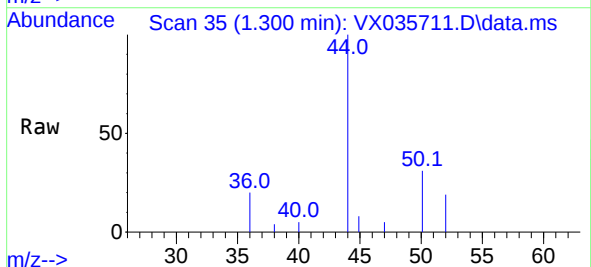
Instrument :
MSVOA_X
ClientSampleId :
TB-01-051623

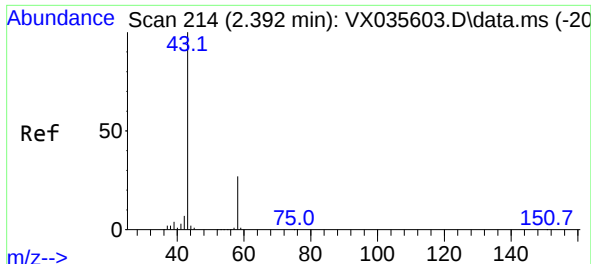
Tgt Ion:168 Resp: 185522
Ion Ratio Lower Upper
168 100
99 71.7 45.7 68.5#



#3
Chloromethane
Concen: 0.227 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

Tgt Ion: 50 Resp: 665
Ion Ratio Lower Upper
50 100
52 62.0 25.9 38.9#

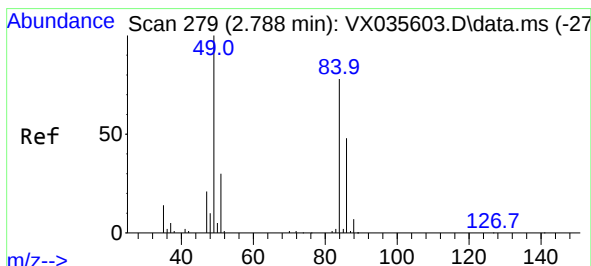
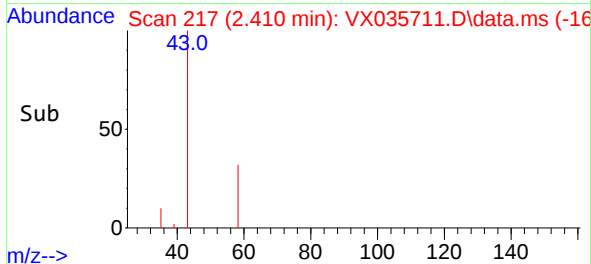
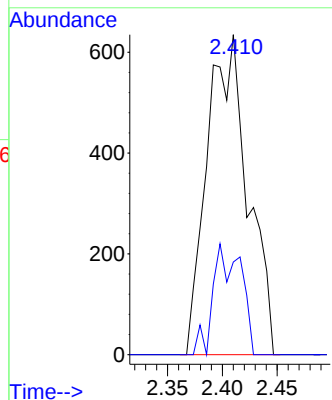
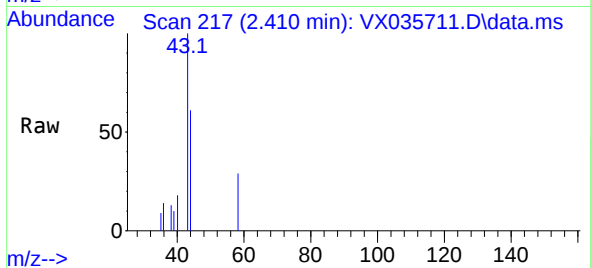




#16
Acetone
Concen: 1.178 ug/l
RT: 2.410 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

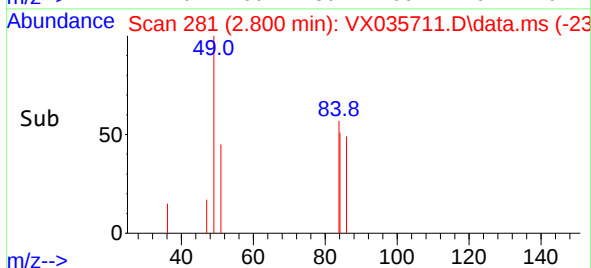
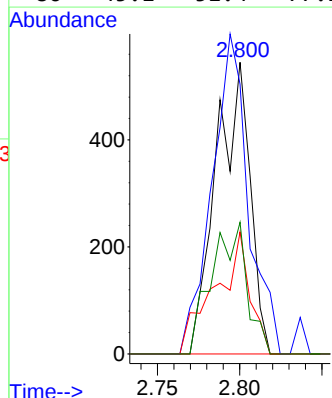
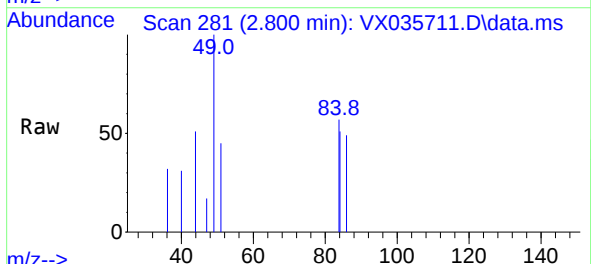
Instrument :
MSVOA_X
ClientSampleId :
TB-01-051623

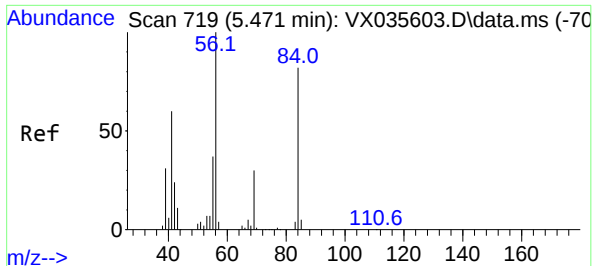
Tgt Ion: 43 Resp: 1638
Ion Ratio Lower Upper
43 100
58 29.0 24.7 37.1



#20
Methylene Chloride
Concen: 0.309 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

Tgt Ion: 84 Resp: 779
Ion Ratio Lower Upper
84 100
49 92.5 103.8 155.8#
51 41.8 31.8 47.8
86 45.1 51.4 77.2#

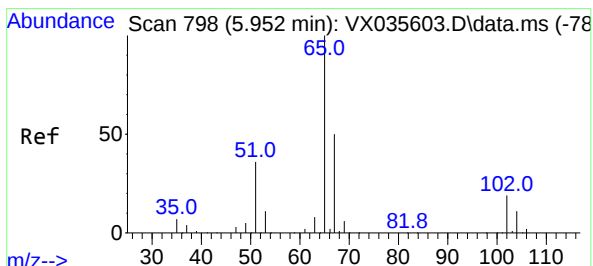
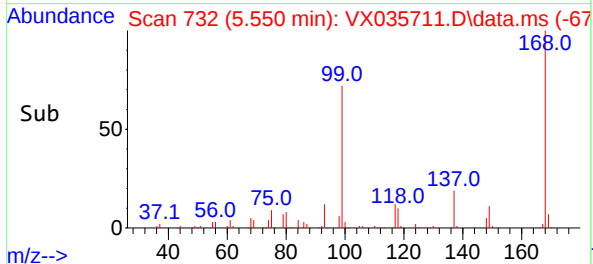
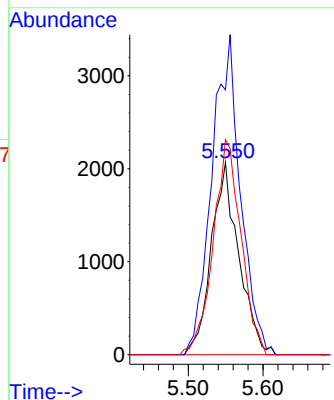
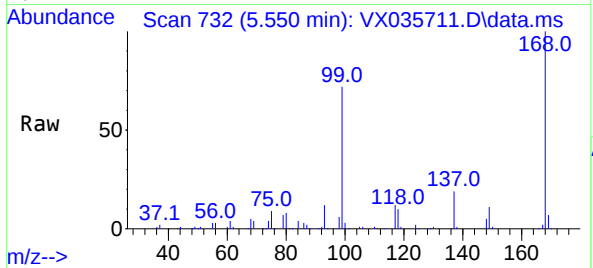




#31
Cyclohexane
Concen: 1.294 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

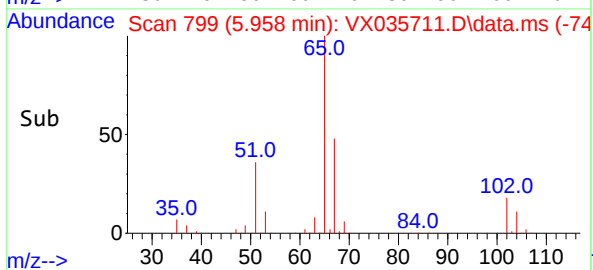
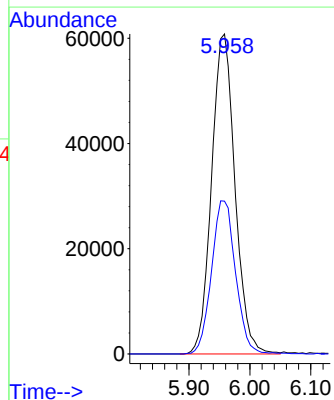
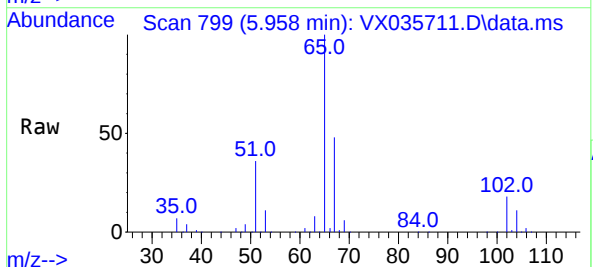
Instrument :
MSVOA_X
ClientSampleId :
TB-01-051623

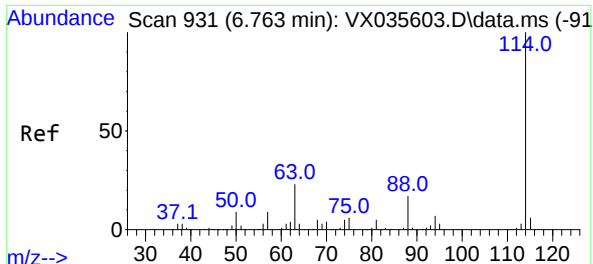
Tgt Ion: 56 Resp: 5290
Ion Ratio Lower Upper
56 100
69 137.7 23.7 35.5#
84 111.8 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 50.139 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

Tgt Ion: 65 Resp: 162274
Ion Ratio Lower Upper
65 100
67 49.2 0.0 104.0

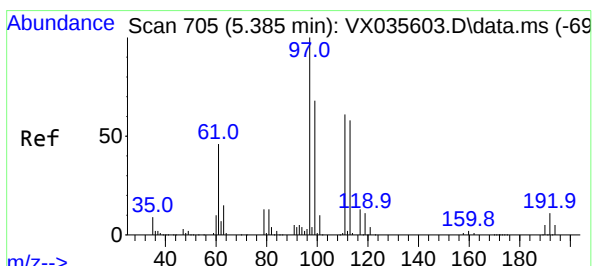
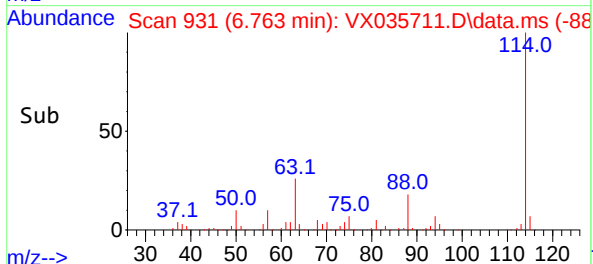
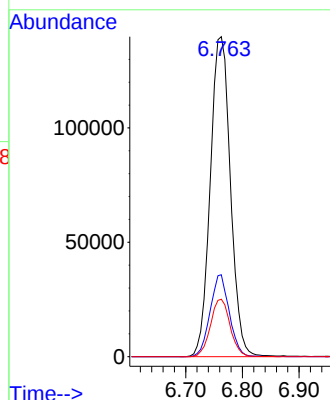
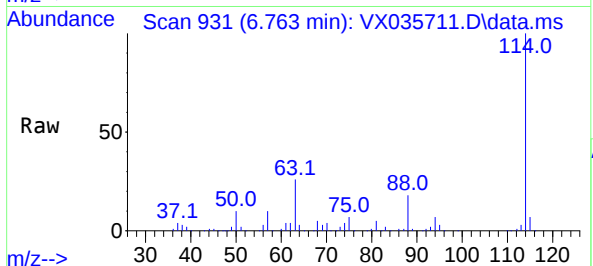




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

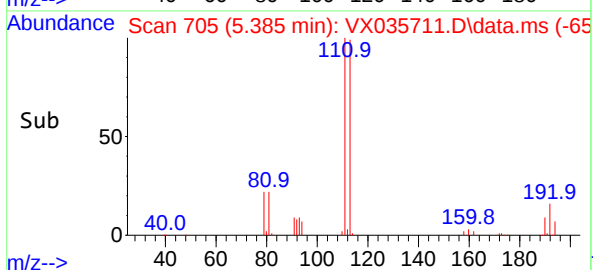
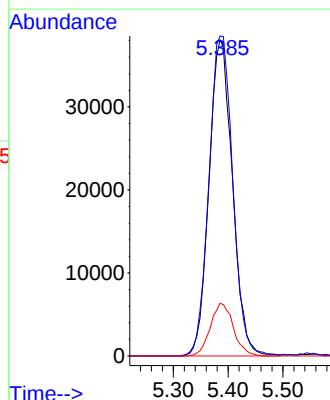
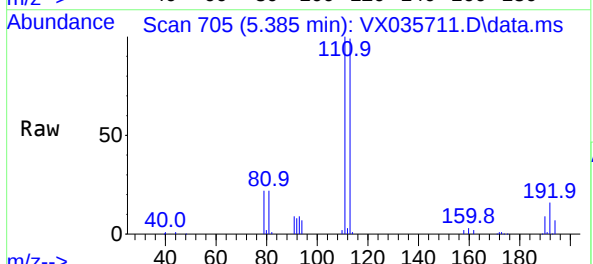
Instrument :
MSVOA_X
ClientSampleId :
TB-01-051623

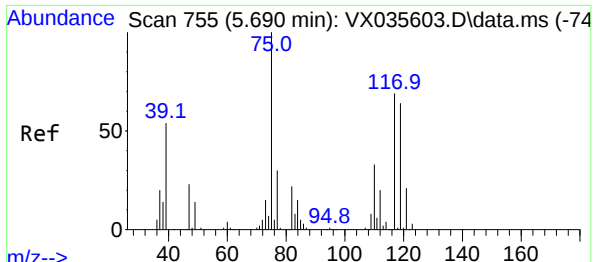
Tgt Ion:114 Resp: 345382
Ion Ratio Lower Upper
114 100
63 25.6 0.0 42.2
88 17.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.483 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

Tgt Ion:113 Resp: 112928
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 16.4 15.4 23.2

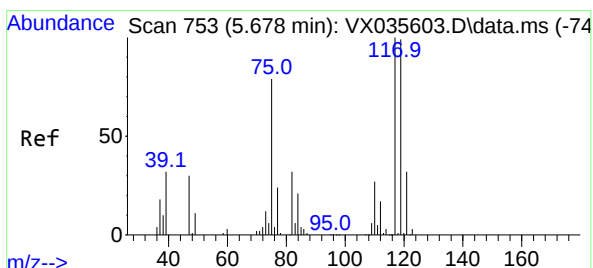
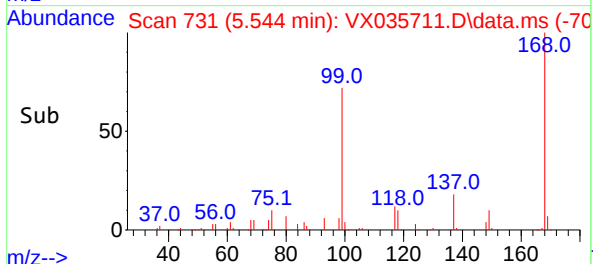
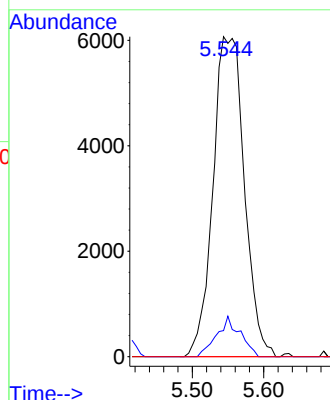
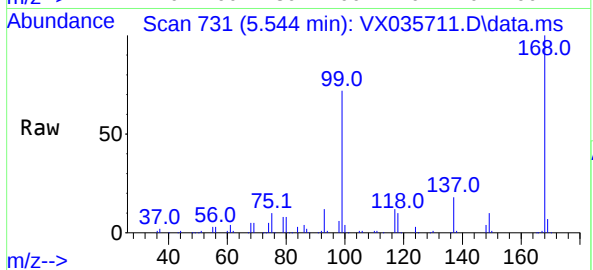




#36
1,1-Dichloropropene
Concen: 5.020 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

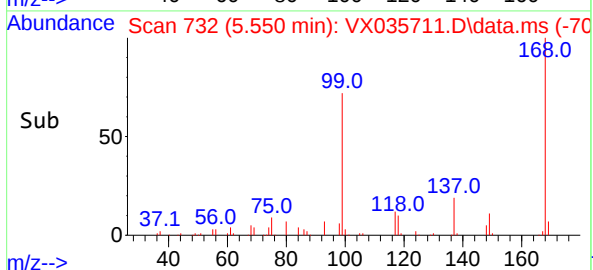
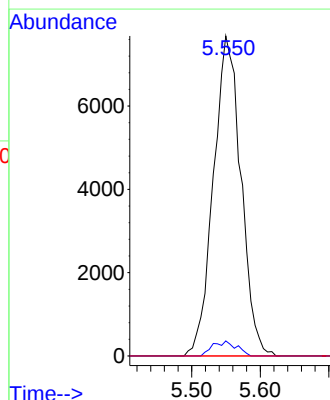
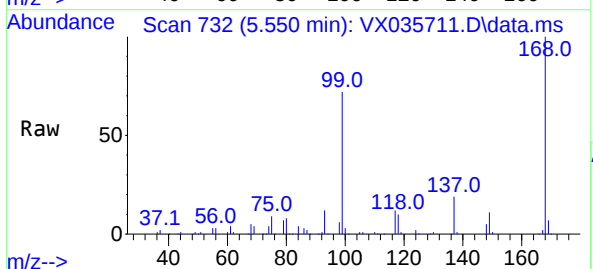
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ClientSampleId :
TB-01-051623

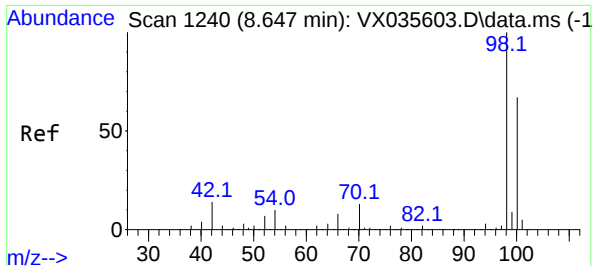
Tgt Ion: 75 Resp: 18455
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.154 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

Tgt Ion: 117 Resp: 21432
Ion Ratio Lower Upper
117 100
119 4.7 76.6 114.8#
121 0.0 23.8 35.6#

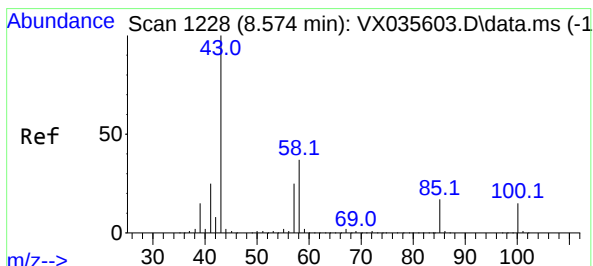
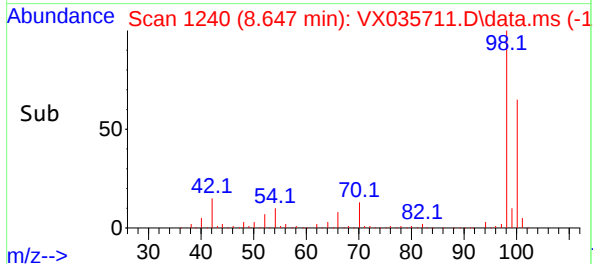
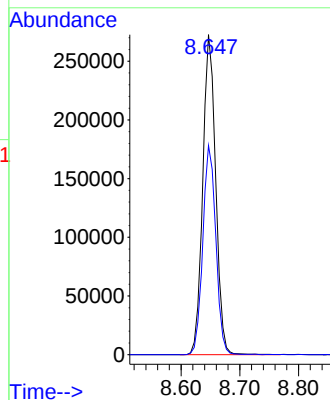
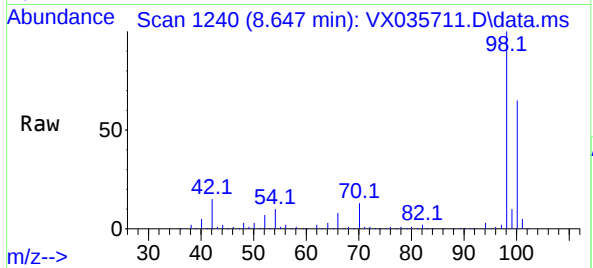




#50
Toluene-d8
Concen: 48.441 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

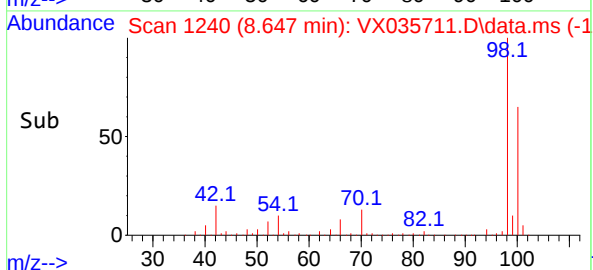
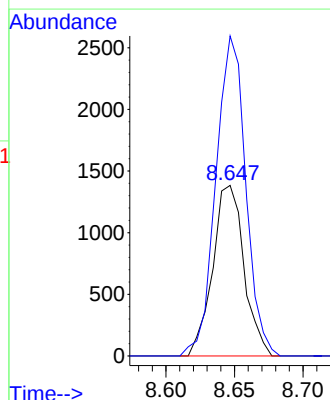
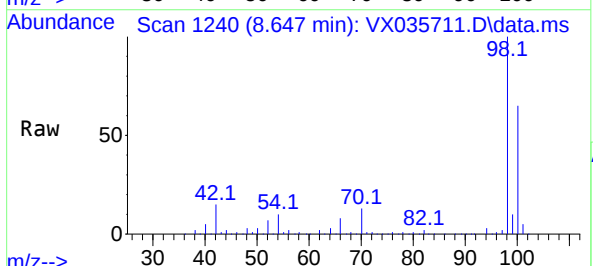
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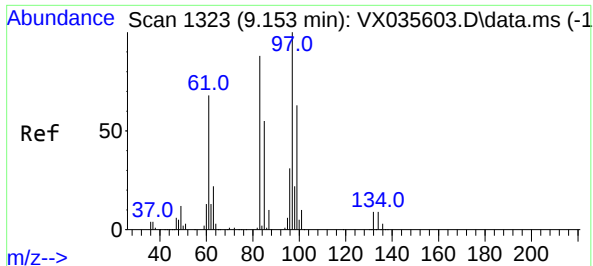
Tgt Ion: 98 Resp: 416830
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.569 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

Tgt Ion: 43 Resp: 2192
Ion Ratio Lower Upper
43 100
58 179.7 30.6 46.0#



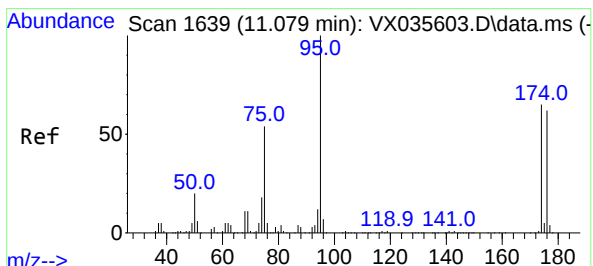
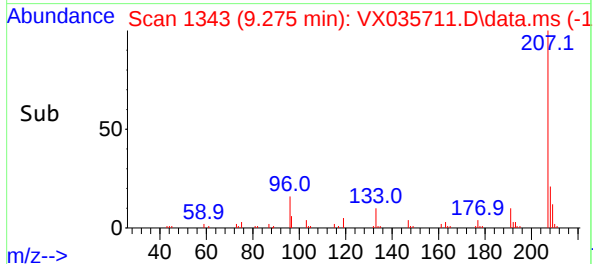
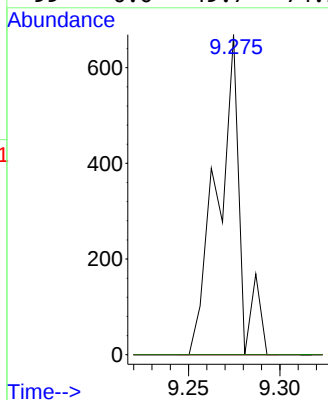
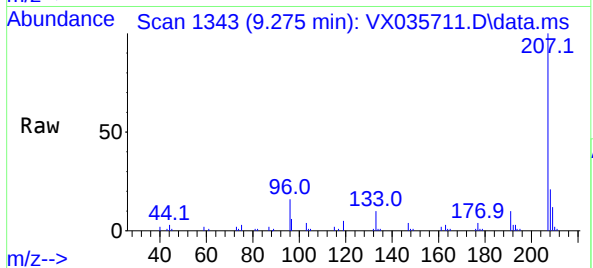


#55
1,1,2-Trichloroethane
Concen: 0.231 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.122 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

Instrument :
MSVOA_X
ClientSampleId :
TB-01-051623

Tgt Ion: 97 Resp: 588

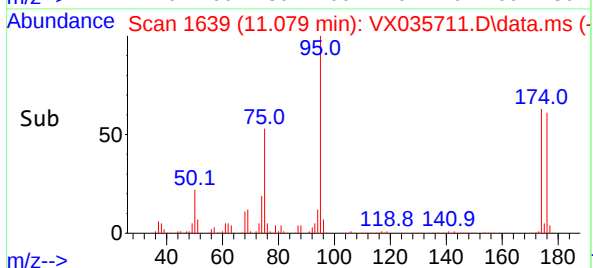
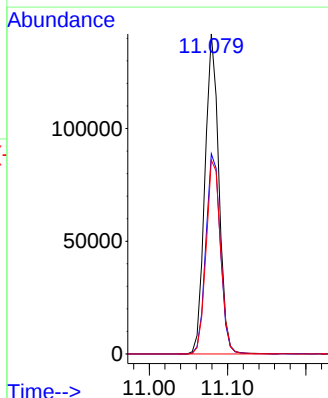
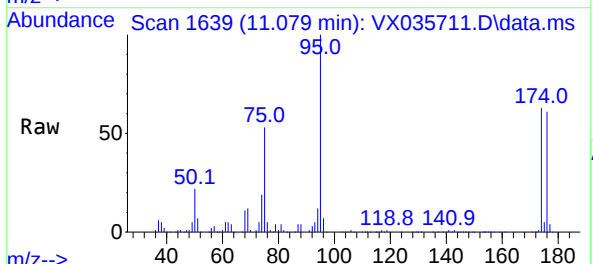
Ion	Ratio	Lower	Upper
97	100		
83	0.0	69.7	104.5#
85	0.0	43.7	65.5#
99	0.0	49.7	74.5#

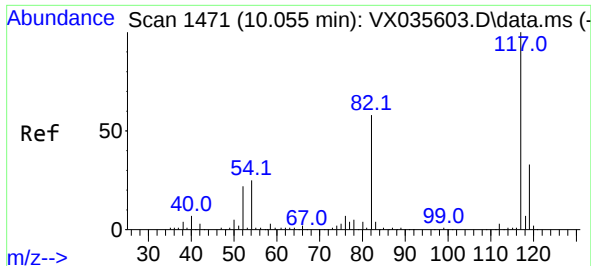


#62
4-Bromofluorobenzene
Concen: 50.503 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

Tgt Ion: 95 Resp: 174977

Ion	Ratio	Lower	Upper
95	100		
174	64.8	0.0	147.4
176	63.0	0.0	140.6

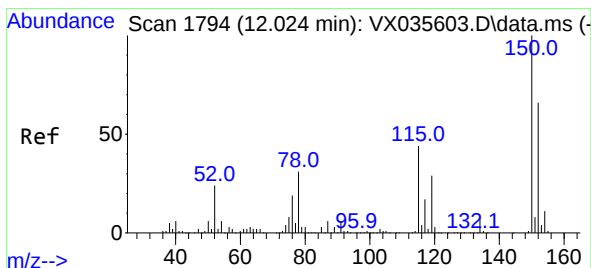
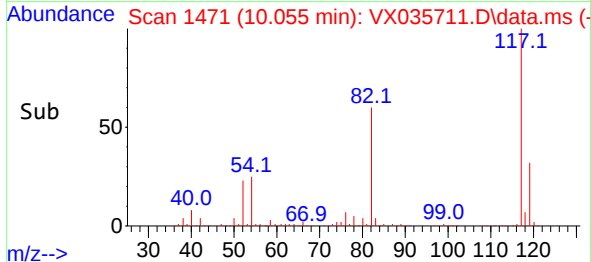
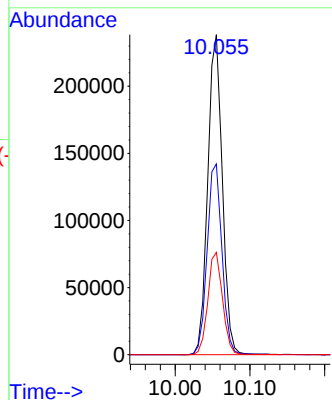
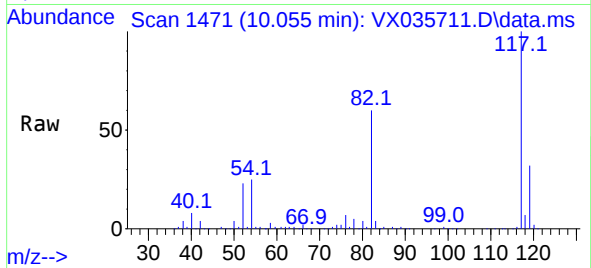




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

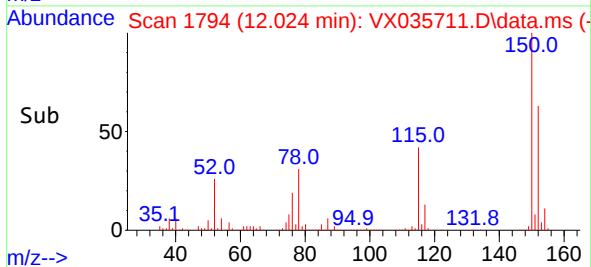
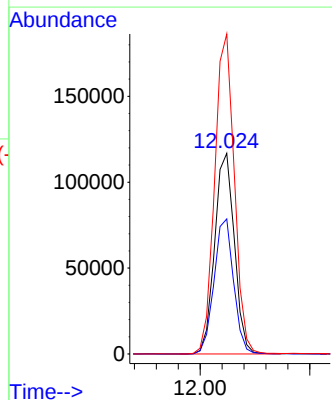
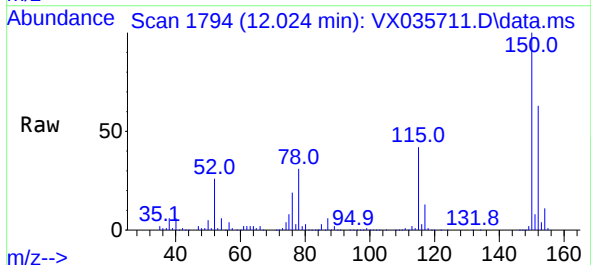
Instrument :
MSVOA_X
ClientSampleId :
TB-01-051623

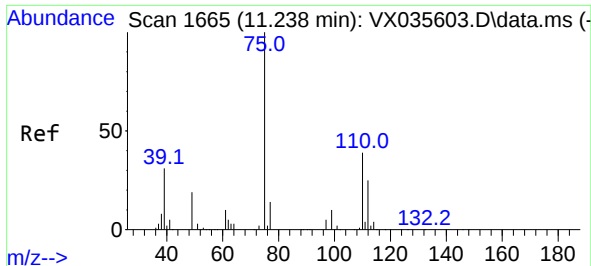
Tgt Ion:117 Resp: 322082
Ion Ratio Lower Upper
117 100
82 59.6 45.0 67.4
119 31.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

Tgt Ion:152 Resp: 146311
Ion Ratio Lower Upper
152 100
115 66.8 45.0 135.0
150 158.7 0.0 352.4

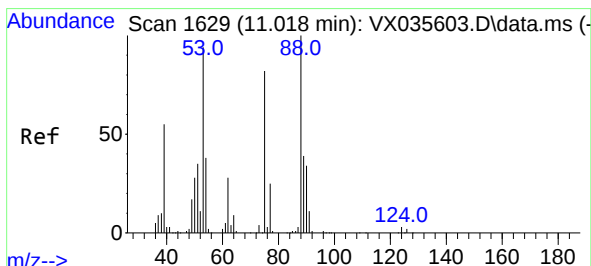
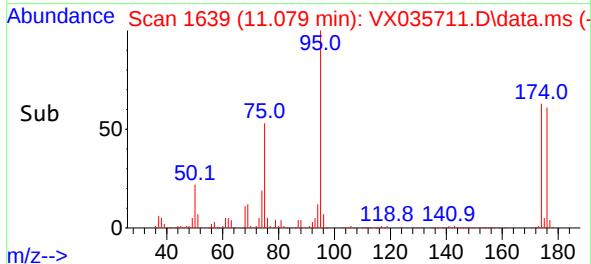
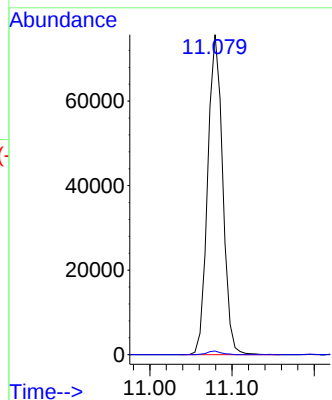
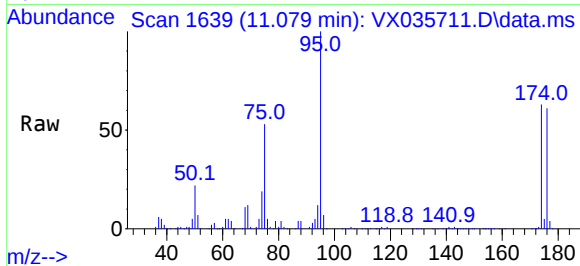




#76
1,2,3-Trichloropropane
Concen: 26.737 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

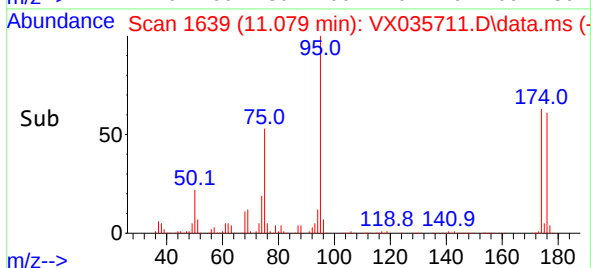
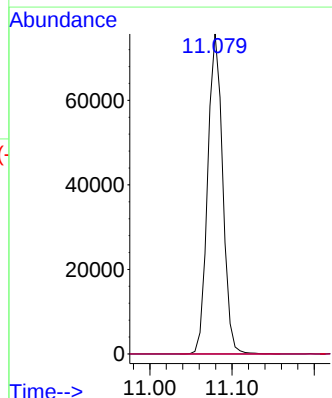
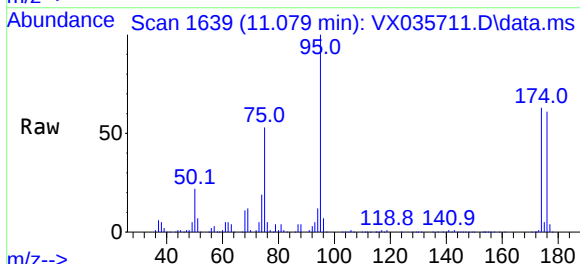
Instrument :
MSVOA_X
ClientSampleId :
TB-01-051623

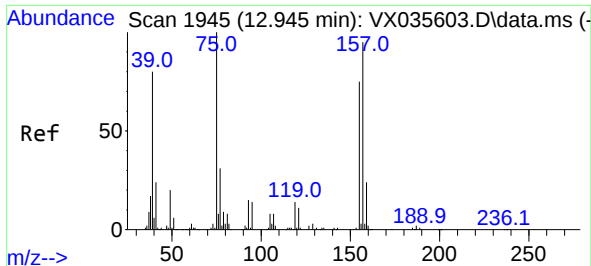
Tgt Ion: 75 Resp: 95685
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.168 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035711.D
Acq: 17 May 2023 12:28

Tgt Ion: 75 Resp: 95685
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.285 ug/l
 RT: 12.762 min Scan# 1915
 Delta R.T. -0.183 min
 Lab File: VX035711.D
 Acq: 17 May 2023 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-051623

Tgt Ion: 75 Resp: 254
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.4 115.1#
 157 0.0 49.9 149.7#

