

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035519.D
 Acq On : 03 May 2023 18:53
 Operator : JC/MD
 Sample : 02597-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3-20230503

Quant Time: May 04 04:02:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

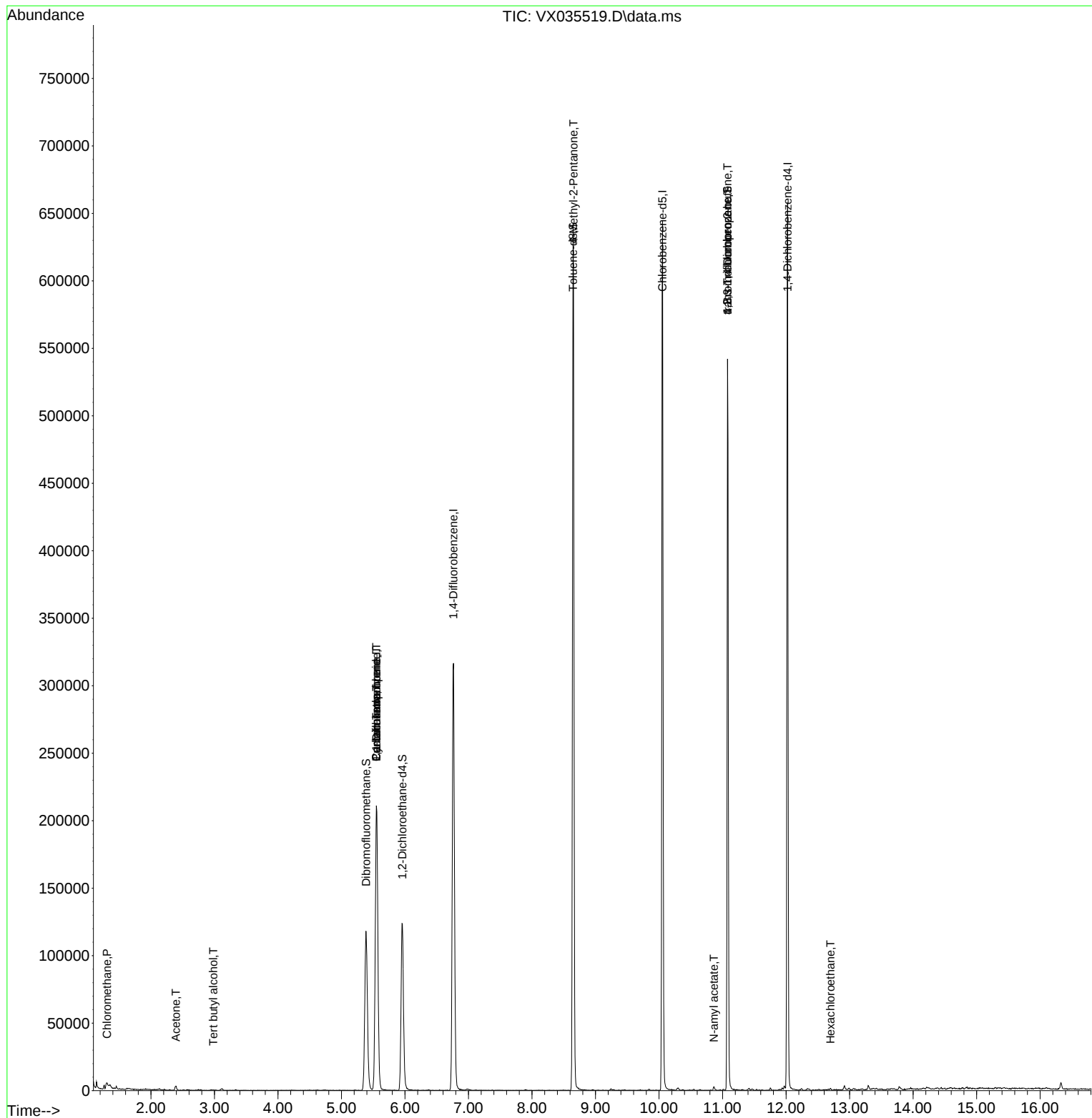
Internal Standards						
1) Pentafluorobenzene	5.550	168	209961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	334662	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	306361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	122596	48.398	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	96.800%	
35) Dibromofluoromethane	5.385	113	104145	50.702	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.400%	
50) Toluene-d8	8.647	98	392314	50.630	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	101.260%	
62) 4-Bromofluorobenzene	11.079	95	148478	50.938	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	101.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	466	0.231	ug/l #	42
11) Tert butyl alcohol	2.983	59	788	1.709	ug/l #	73
16) Acetone	2.392	43	3807	3.460	ug/l	89
31) Cyclohexane	5.550	56	3832	1.066	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14957	4.663	ug/l #	51
38) Carbon Tetrachloride	5.550	117	20663	6.787	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1496	0.495	ug/l #	1
74) N-amyl acetate	10.866	43	1228	0.313	ug/l #	65
76) 1,2,3-Trichloropropane	11.079	75	74640	26.235	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	74640	84.970	ug/l #	8
90) Hexachloroethane	12.701	117	857	0.608	ug/l #	15

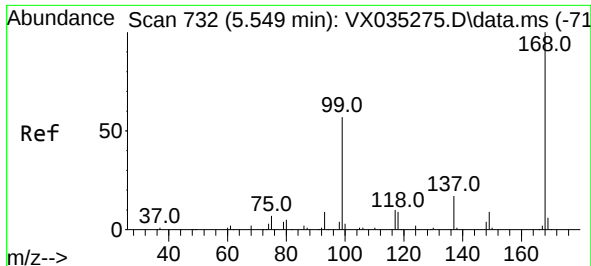
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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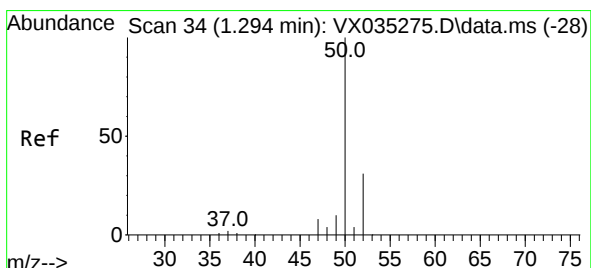
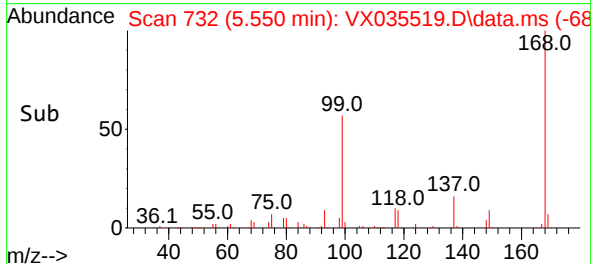
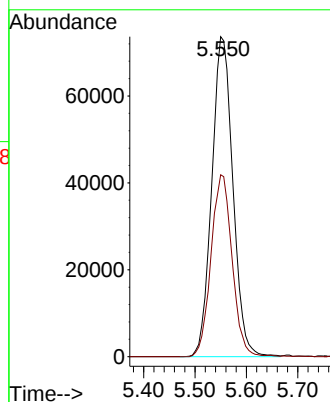
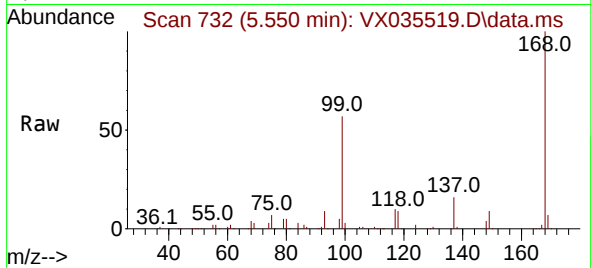




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035519.D
Acq: 03 May 2023 18:53

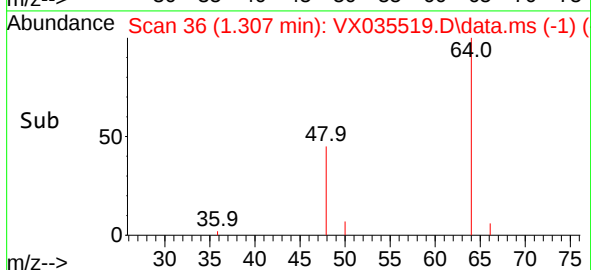
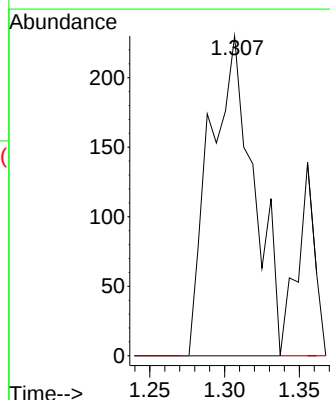
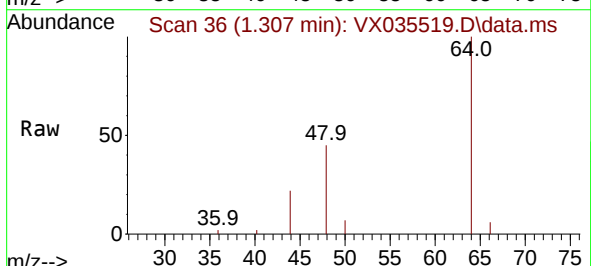
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20230503

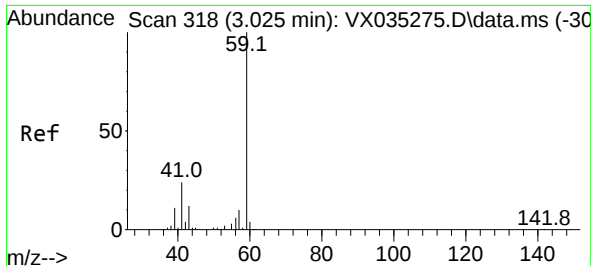
Tgt Ion:168 Resp: 209961
Ion Ratio Lower Upper
168 100
99 56.8 45.7 68.5



#3
Chloromethane
Concen: 0.231 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.013 min
Lab File: VX035519.D
Acq: 03 May 2023 18:53

Tgt Ion: 50 Resp: 466
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 1.709 ug/l

RT: 2.983 min Scan# 31

Delta R.T. -0.042 min

Lab File: VX035519.D

Acq: 03 May 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

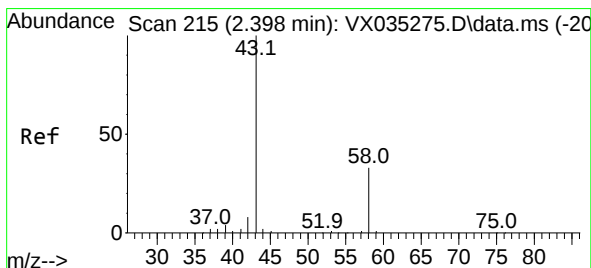
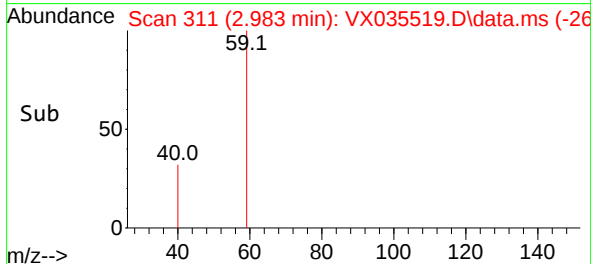
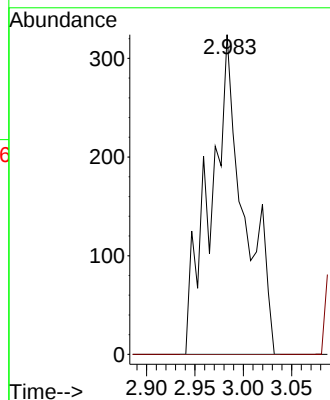
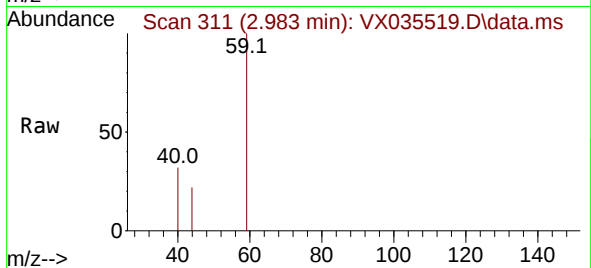
MW-3-20230503

Tgt Ion: 59 Resp: 788

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 3.460 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX035519.D

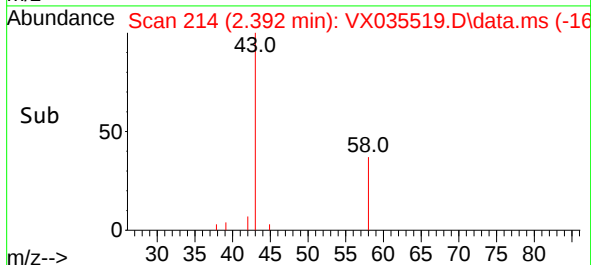
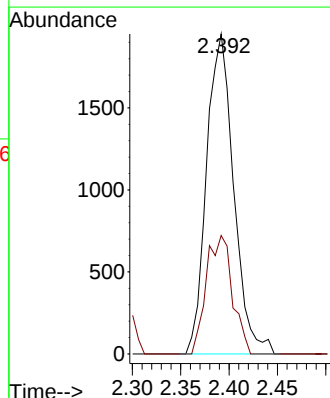
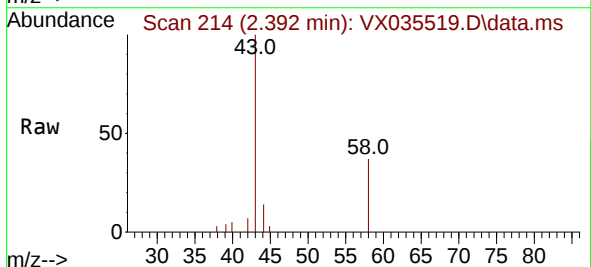
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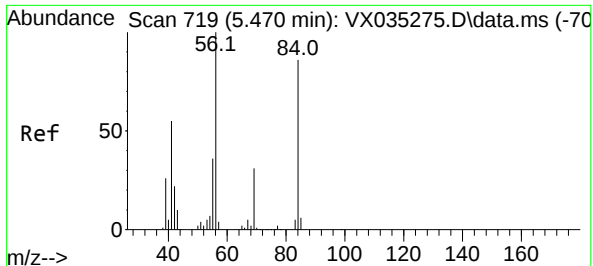
Tgt Ion: 43 Resp: 3807

Ion Ratio Lower Upper

43 100

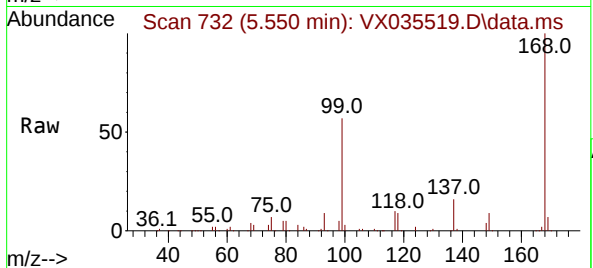
58 37.0 24.7 37.1



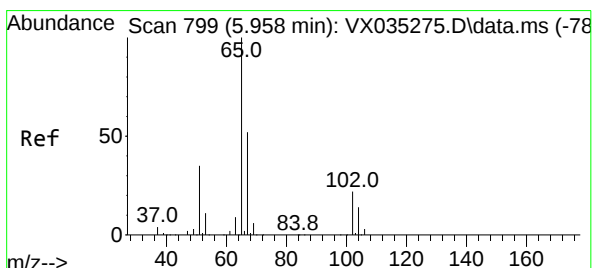
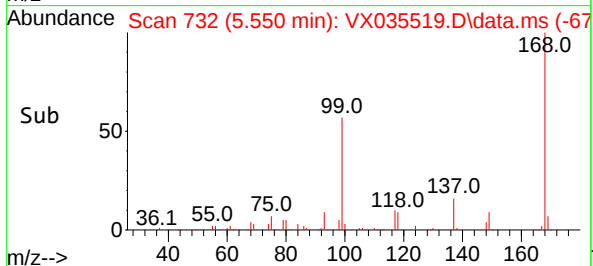
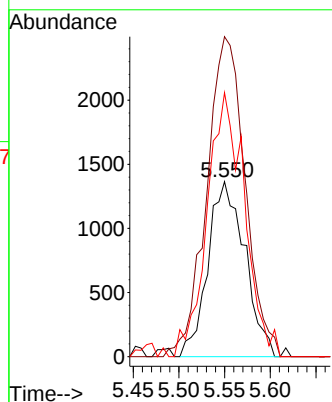


#31
Cyclohexane
Concen: 1.066 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX035519.D
Acq: 03 May 2023 18:53

Instrument :
MSVOA_X
ClientSampleId :
MW-3-20230503

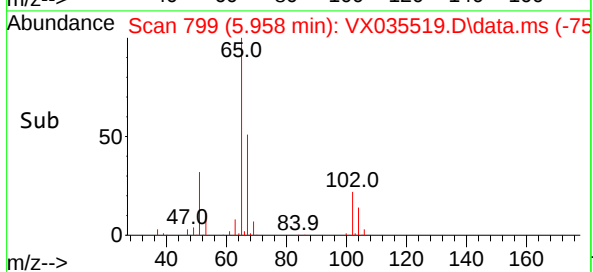
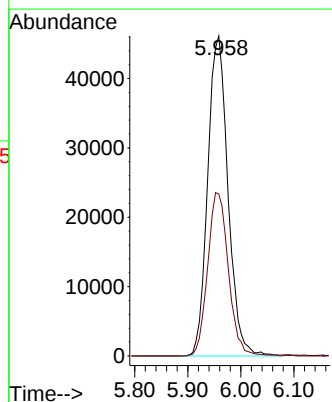
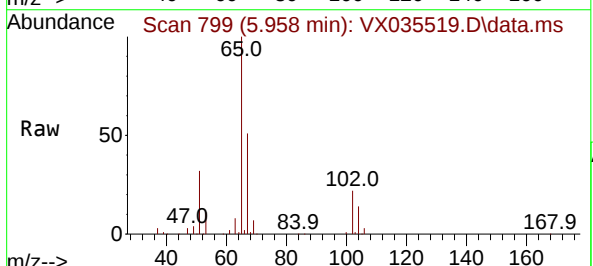


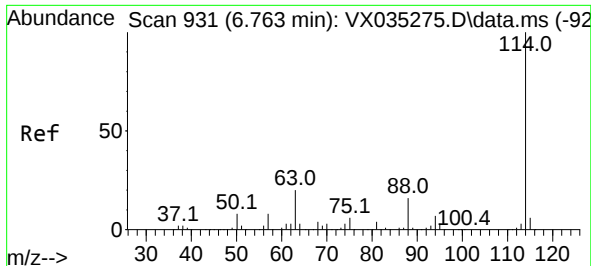
Tgt Ion: 56 Resp: 3832
Ion Ratio Lower Upper
56 100
69 182.8 23.7 35.5#
84 150.8 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.398 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035519.D
Acq: 03 May 2023 18:53

Tgt Ion: 65 Resp: 122596
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

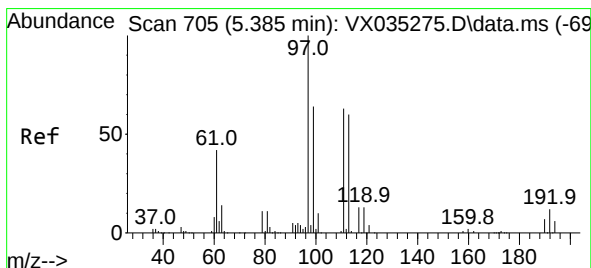
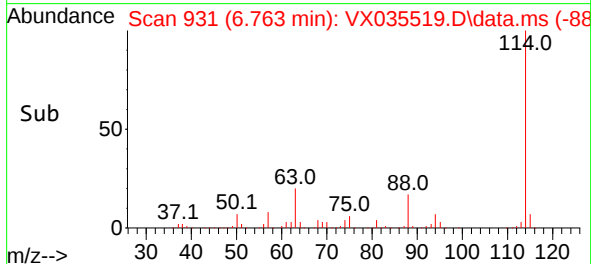
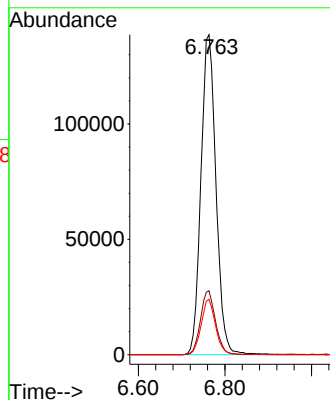
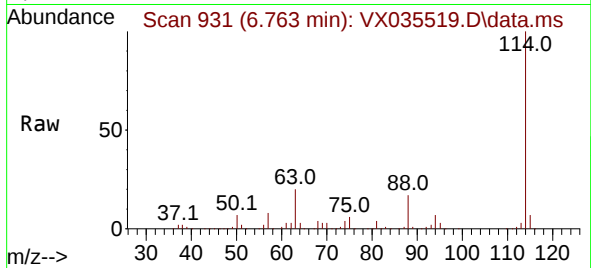




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035519.D
Acq: 03 May 2023 18:53

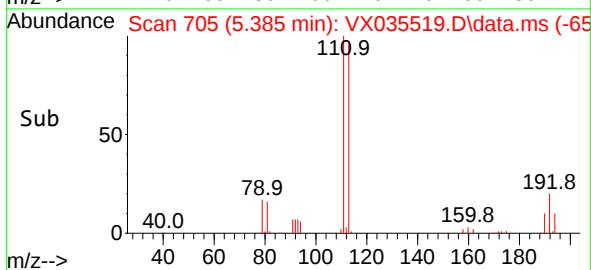
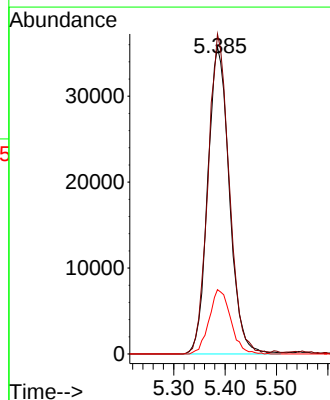
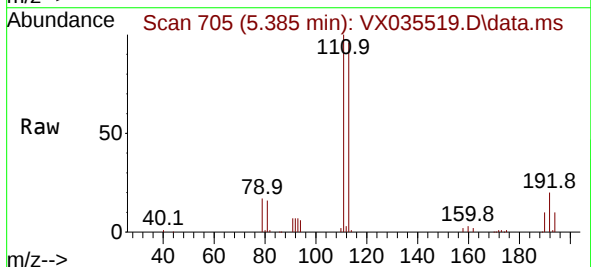
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20230503

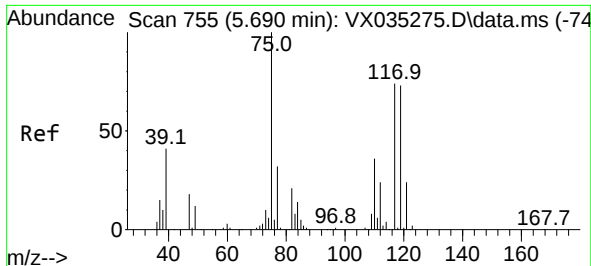
Tgt Ion:114 Resp: 334662
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.2
88 17.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.702 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035519.D
Acq: 03 May 2023 18:53

Tgt Ion:113 Resp: 104145
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 20.9 15.4 23.2

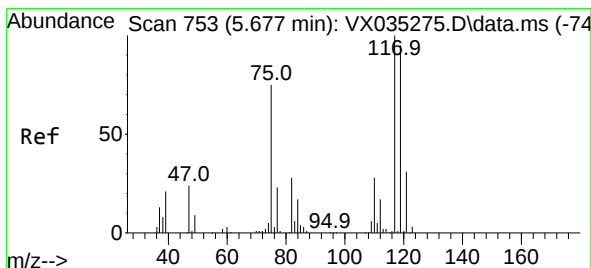
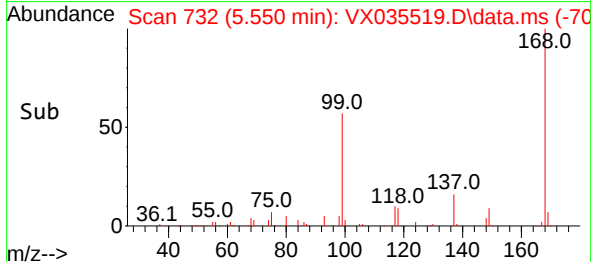
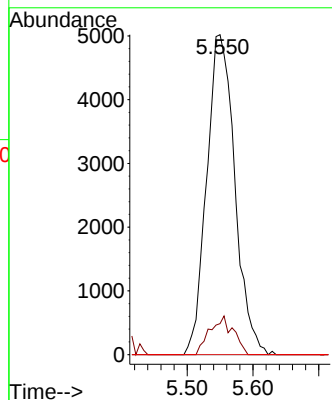
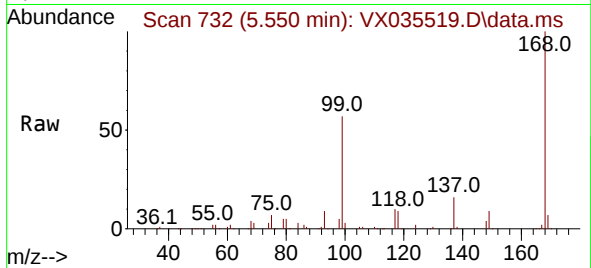




#36
1,1-Dichloropropene
Concen: 4.663 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX035519.D
Acq: 03 May 2023 18:53

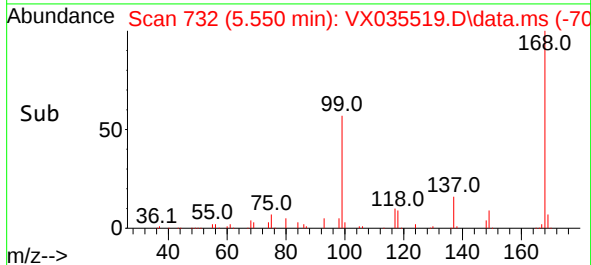
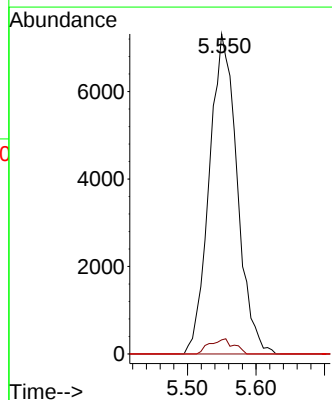
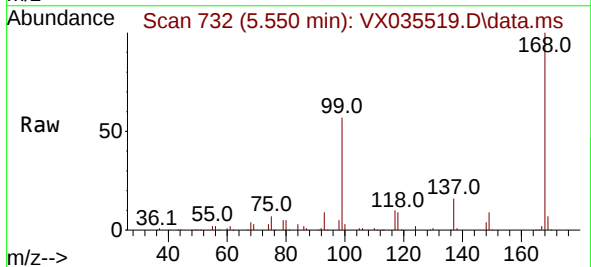
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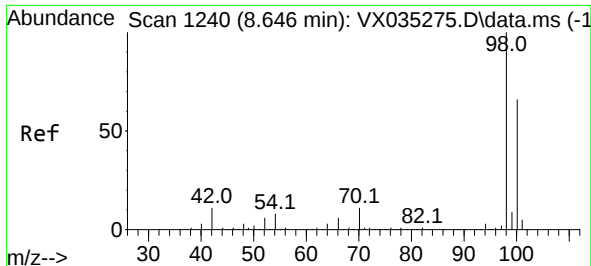
Tgt Ion: 75 Resp: 14957
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.787 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035519.D
Acq: 03 May 2023 18:53

Tgt Ion: 117 Resp: 20663
Ion Ratio Lower Upper
117 100
119 4.4 76.6 114.8#
121 0.0 23.8 35.6#

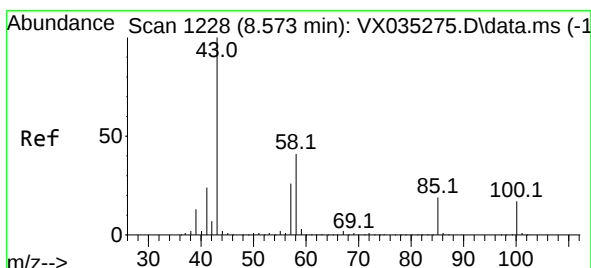
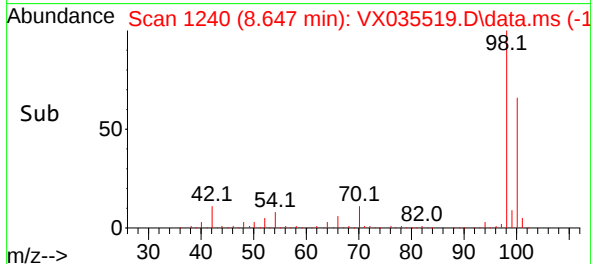
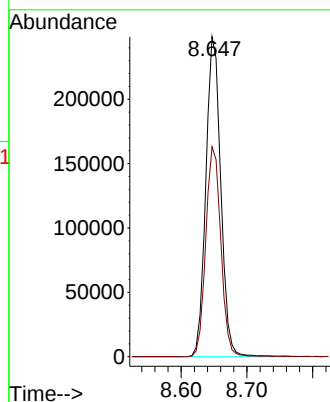
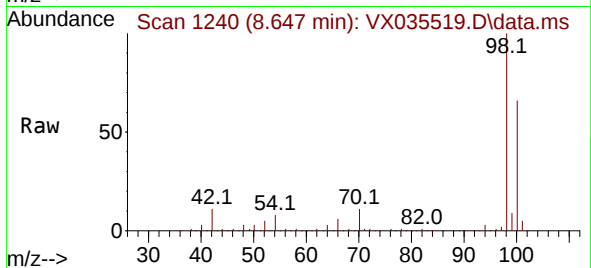




#50
Toluene-d8
Concen: 50.630 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035519.D
Acq: 03 May 2023 18:53

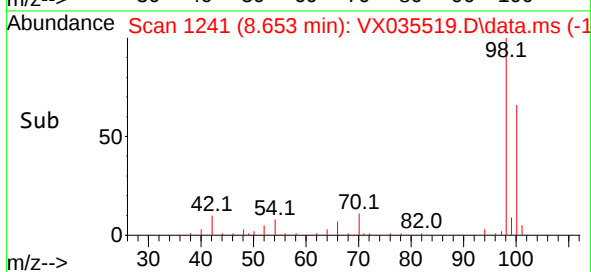
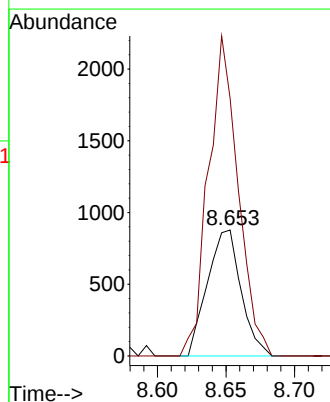
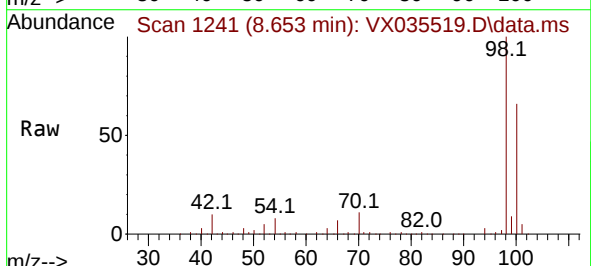
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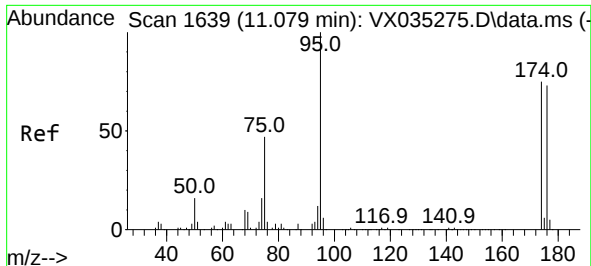
Tgt Ion: 98 Resp: 392314
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.495 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX035519.D
Acq: 03 May 2023 18:53

Tgt Ion: 43 Resp: 1496
Ion Ratio Lower Upper
43 100
58 224.5 30.6 46.0#

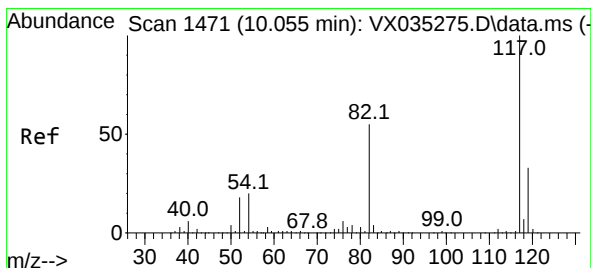
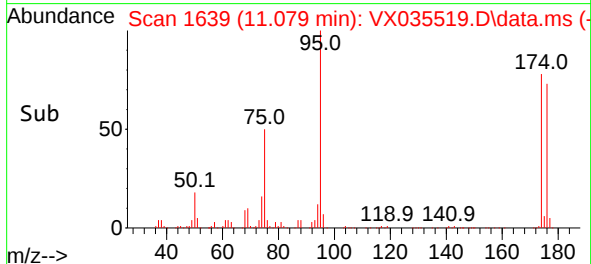
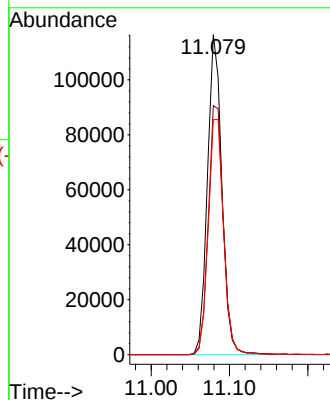
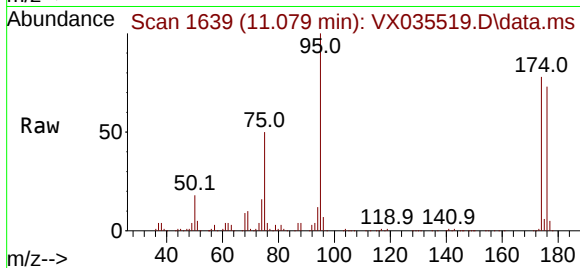




#62
4-Bromofluorobenzene
Concen: 50.938 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035519.D
Acq: 03 May 2023 18:53

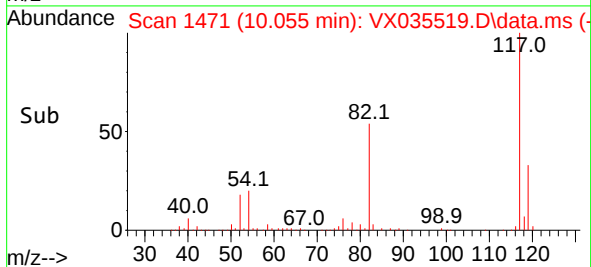
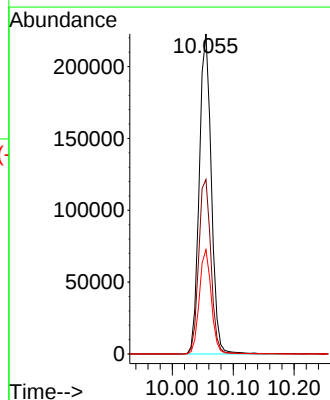
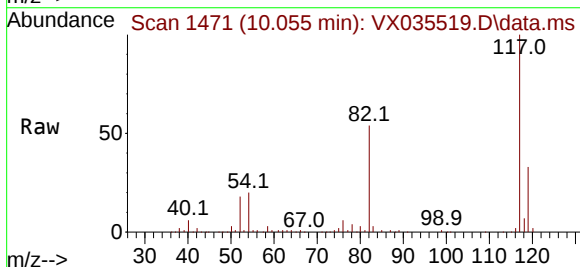
Instrument :
MSVOA_X
ClientSampleId :
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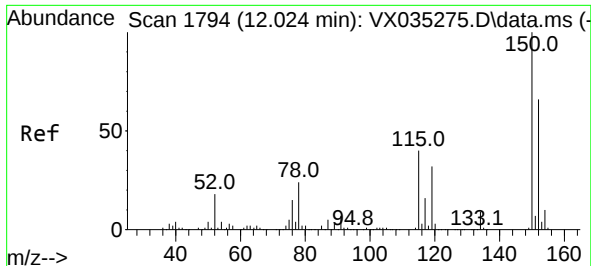
Tgt Ion: 95 Resp: 148478
Ion Ratio Lower Upper
95 100
174 82.1 0.0 147.4
176 78.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035519.D
Acq: 03 May 2023 18:53

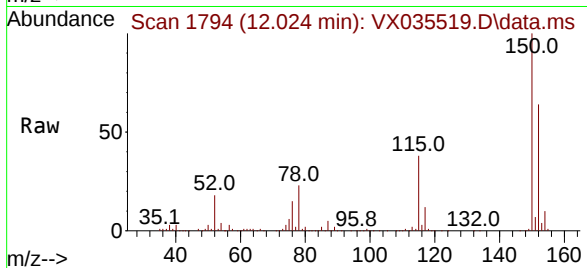
Tgt Ion: 117 Resp: 306361
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.4
119 32.6 26.0 39.0



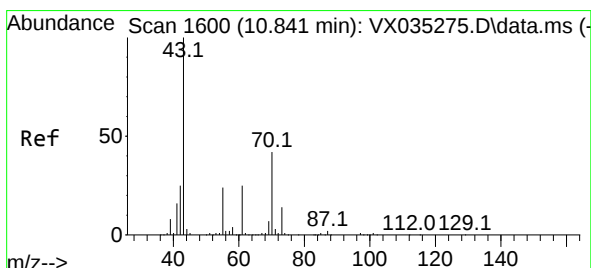
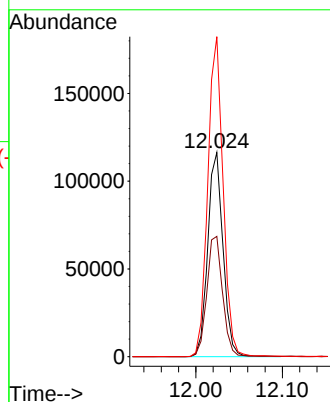
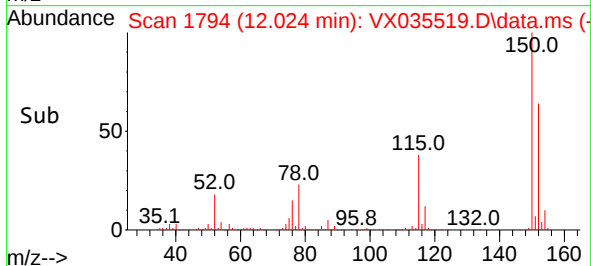


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035519.D
Acq: 03 May 2023 18:53

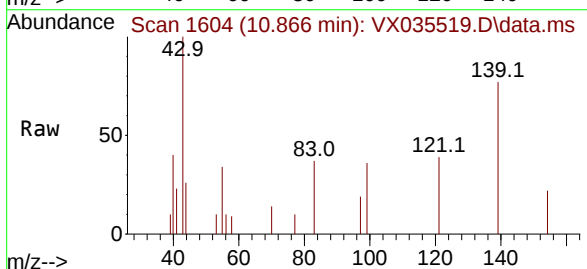
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20230503



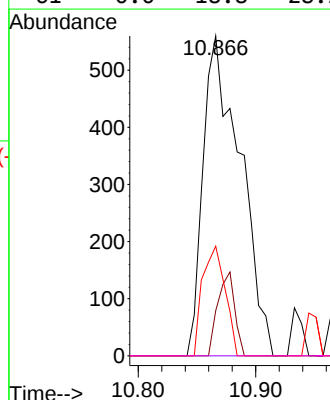
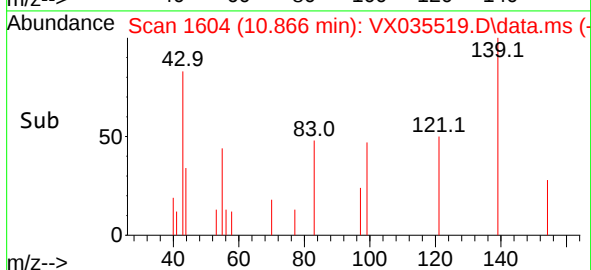
Tgt Ion:152 Resp: 142625
Ion Ratio Lower Upper
152 100
115 61.0 45.0 135.0
150 157.4 0.0 352.4

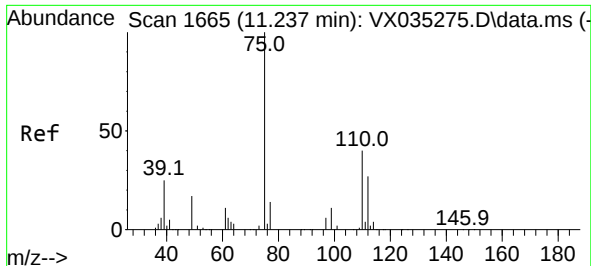


#74
N-ethyl acetate
Concen: 0.313 ug/l
RT: 10.866 min Scan# 1604
Delta R.T. 0.025 min
Lab File: VX035519.D
Acq: 03 May 2023 18:53



Tgt Ion: 43 Resp: 1228
Ion Ratio Lower Upper
43 100
70 12.0 32.1 48.1#
55 20.8 18.3 27.5
61 0.0 18.8 28.2#

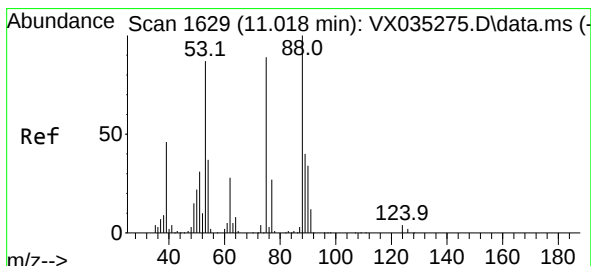
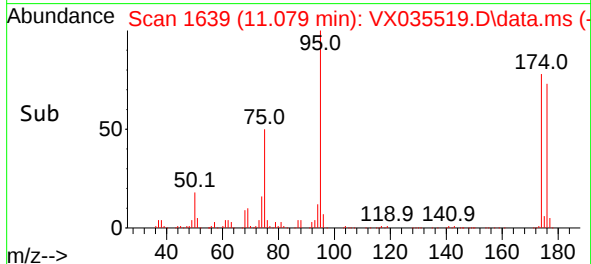
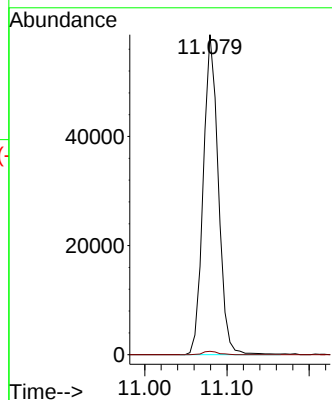
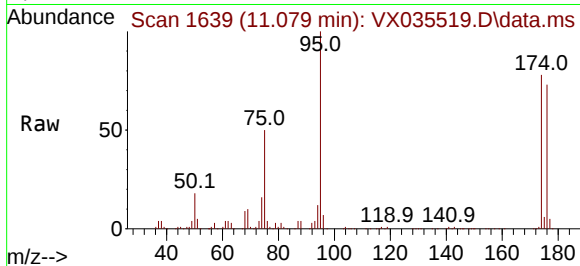




#76
1,2,3-Trichloropropane
Concen: 26.235 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035519.D
Acq: 03 May 2023 18:53

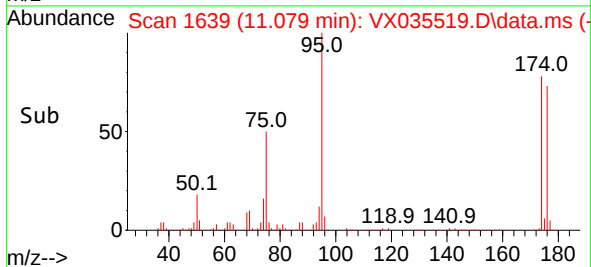
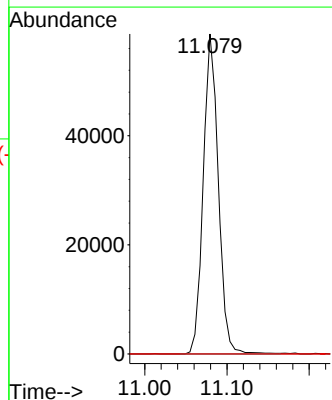
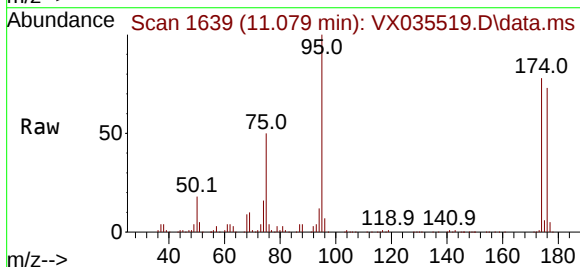
Instrument :
MSVOA_X
ClientSampleId :
MW-3-20230503

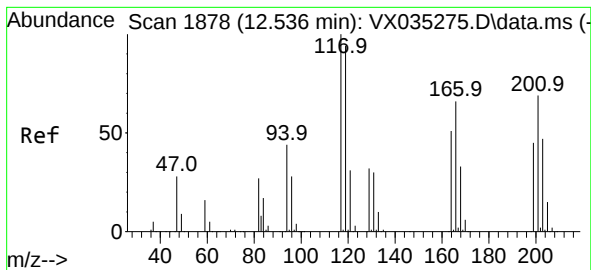
Tgt Ion: 75 Resp: 74640
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.970 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035519.D
Acq: 03 May 2023 18:53

Tgt Ion: 75 Resp: 74640
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#90

Hexachloroethane

Concen: 0.608 ug/l

RT: 12.701 min Scan# 1905

Delta R.T. 0.165 min

Lab File: VX035519.D

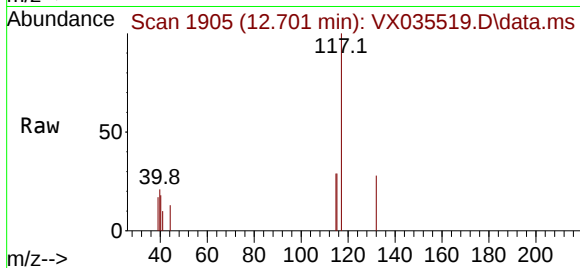
Acq: 03 May 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

MW-3-20230503



Tgt Ion:117 Resp: 857

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.1#

