

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035520.D
 Acq On : 03 May 2023 19:17
 Operator : JC/MD
 Sample : 02597-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2-20230503

Quant Time: May 04 04:02:44 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	5.556	168	201646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	319969	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	293956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139118	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	119163	48.983	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.960%
35) Dibromofluoromethane	5.391	113	99834	50.835	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.680%
50) Toluene-d8	8.647	98	375225	50.649	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.300%
62) 4-Bromofluorobenzene	11.079	95	143999	51.670	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.340%

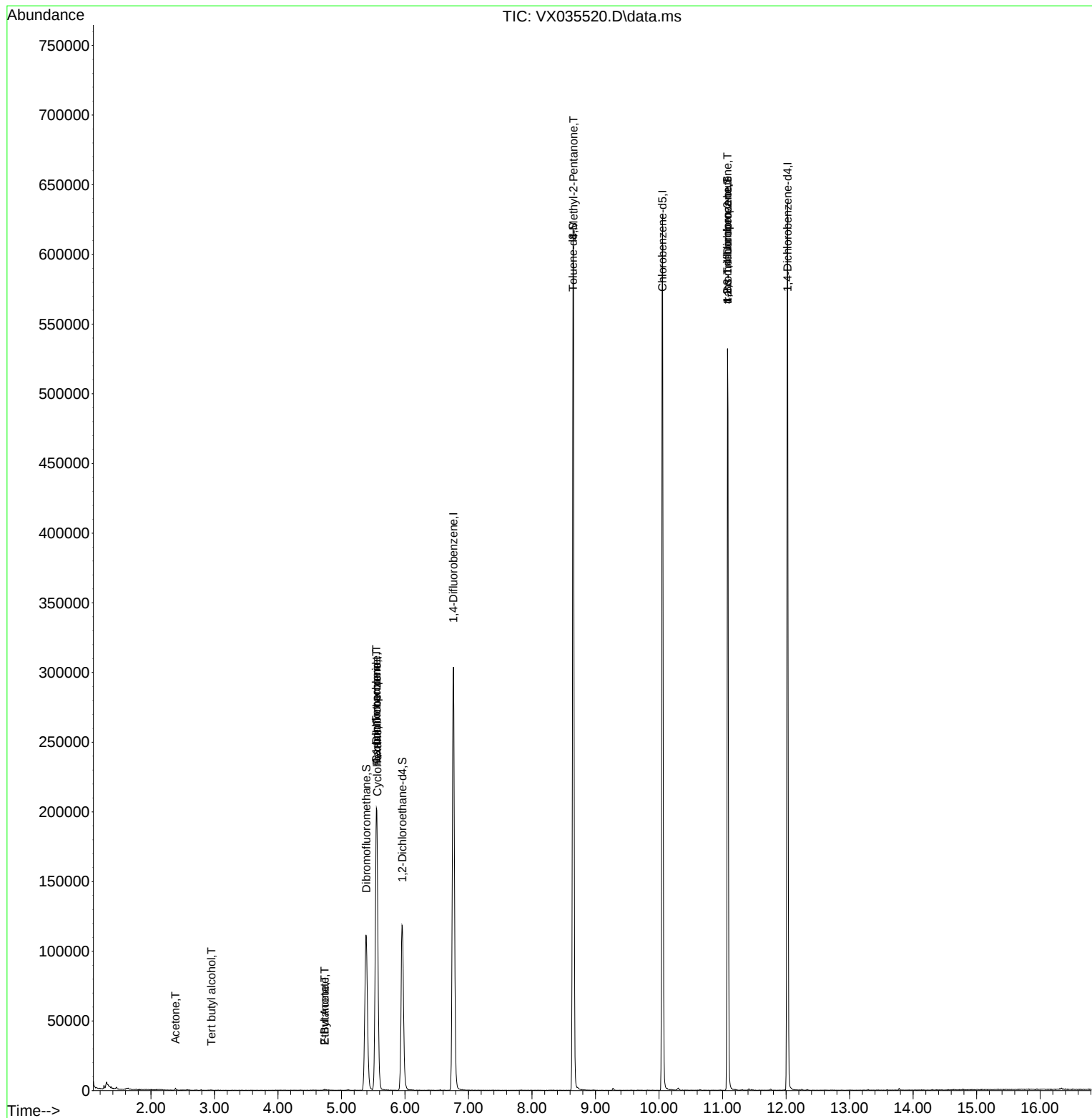
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	118	0.266	ug/l #	73
16) Acetone	2.386	43	1569	1.485	ug/l	100
25) 2-Butanone	4.733	43	1028	0.667	ug/l #	51
31) Cyclohexane	5.562	56	3604	1.044	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14403	4.697	ug/l #	51
37) Ethyl Acetate	4.733	43	1028	0.367	ug/l #	70
38) Carbon Tetrachloride	5.550	117	19729	6.777	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1483	0.513	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	71744	25.853	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	71744	83.733	ug/l #	8

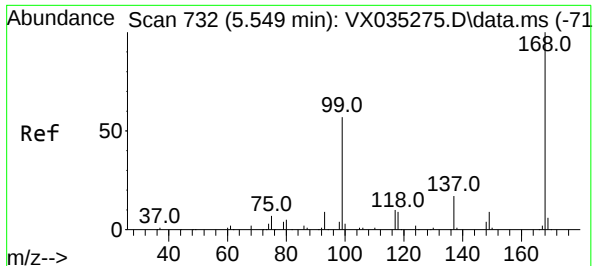
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
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MSVOA_X
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MW-2-20230503

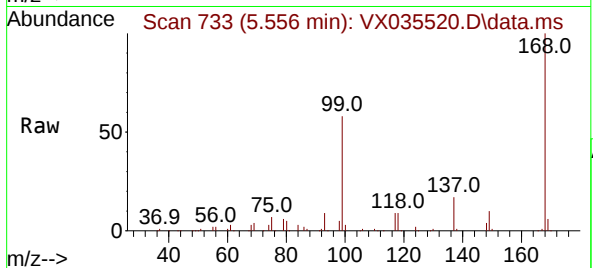
Quant Time: May 04 04:02:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration



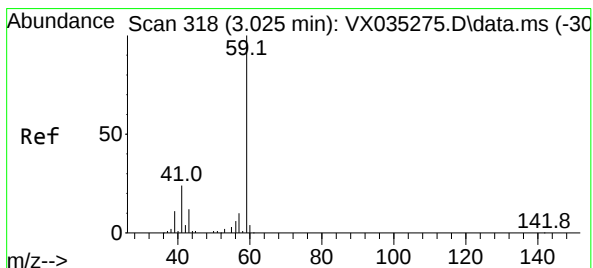
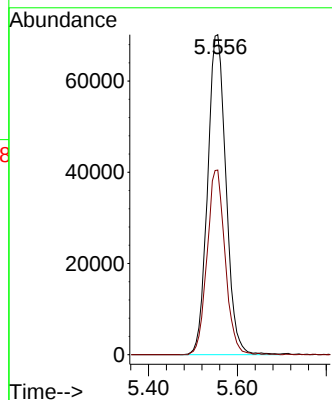
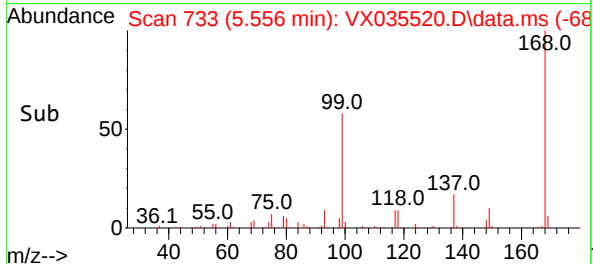


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035520.D
Acq: 03 May 2023 19:17

Instrument :
MSVOA_X
ClientSampleId :
MW-2-20230503

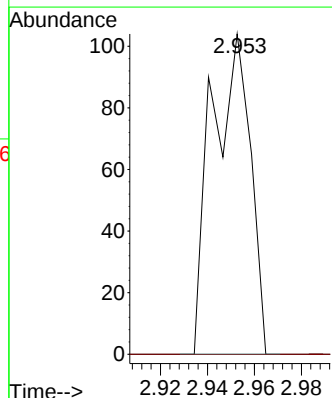
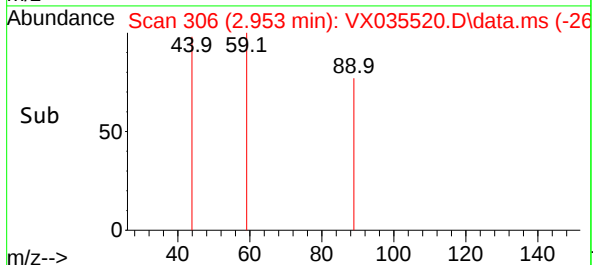
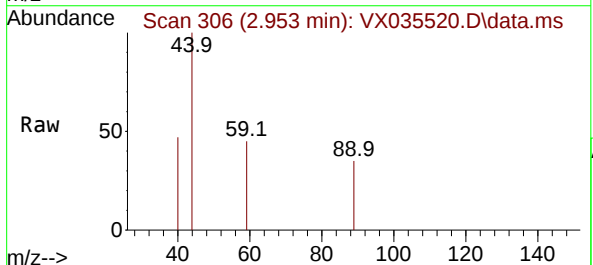


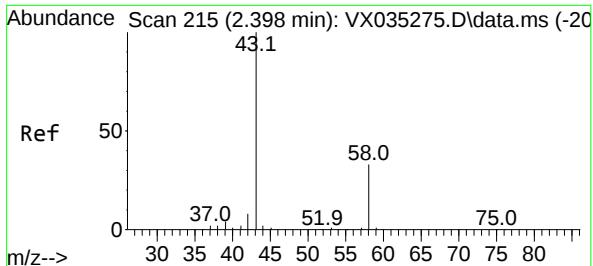
Tgt Ion:168 Resp: 201646
Ion Ratio Lower Upper
168 100
99 57.7 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.266 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.072 min
Lab File: VX035520.D
Acq: 03 May 2023 19:17

Tgt Ion: 59 Resp: 118
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

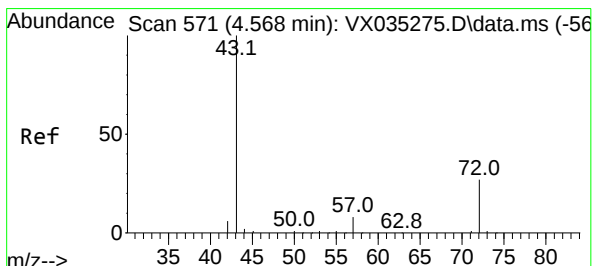
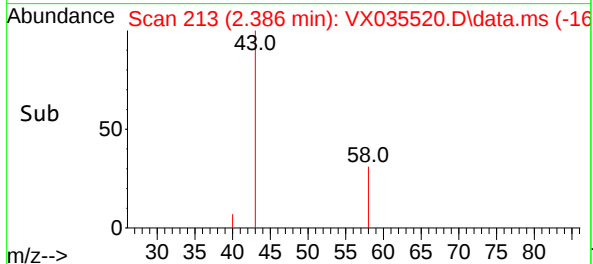
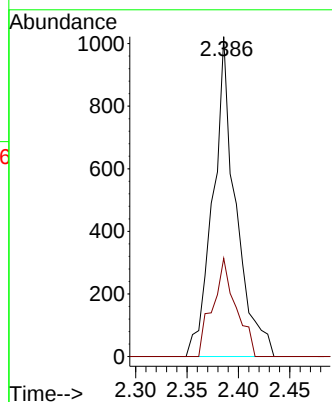
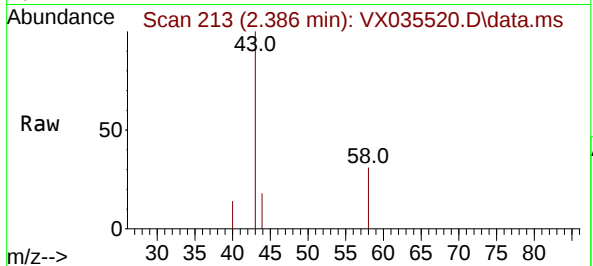




#16
Acetone
Concen: 1.485 ug/l
RT: 2.386 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX035520.D
Acq: 03 May 2023 19:17

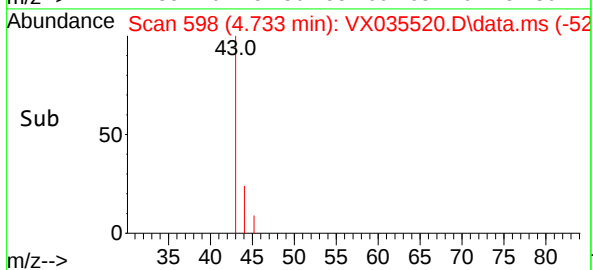
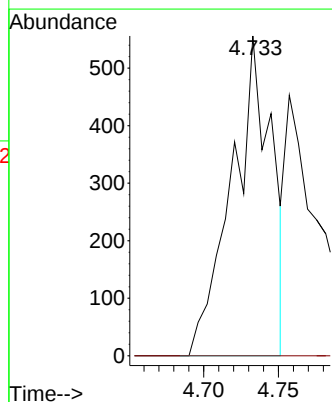
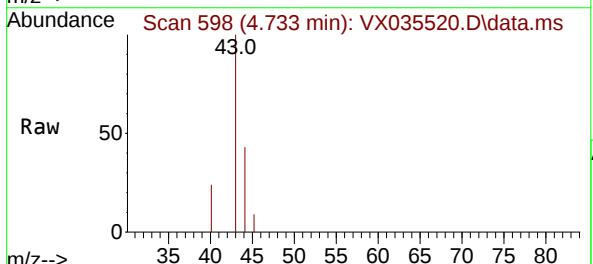
Instrument : MSVOA_X
ClientSampleId : MW-2-20230503

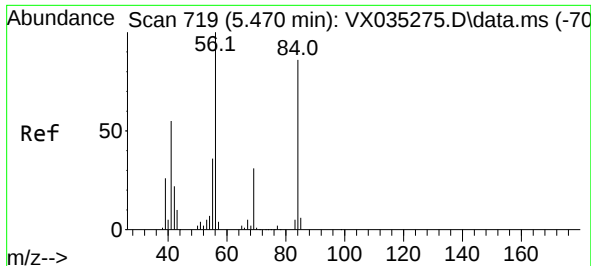
Tgt Ion: 43 Resp: 1569
Ion Ratio Lower Upper
43 100
58 30.7 24.7 37.1



#25
2-Butanone
Concen: 0.667 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.165 min
Lab File: VX035520.D
Acq: 03 May 2023 19:17

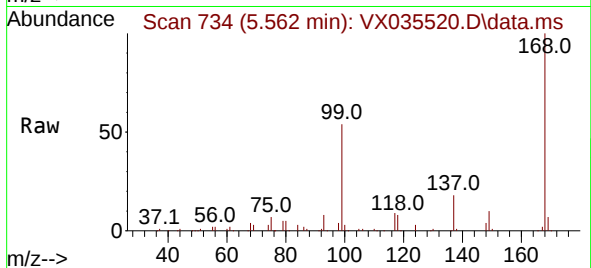
Tgt Ion: 43 Resp: 1028
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#



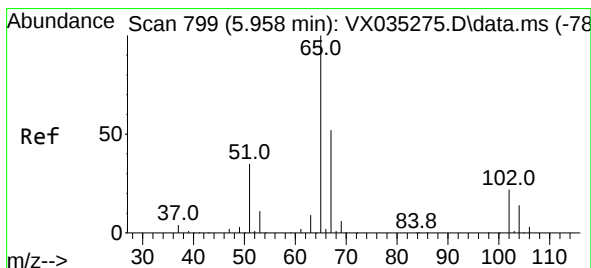
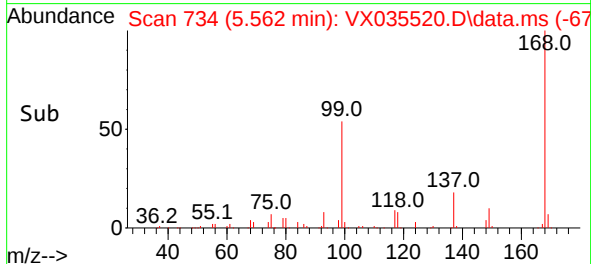
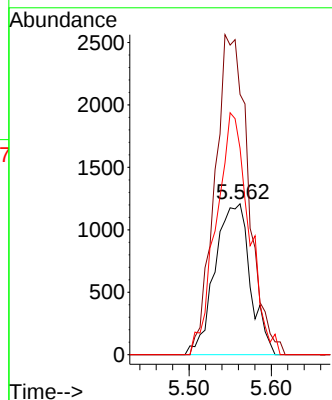


#31
Cyclohexane
Concen: 1.044 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX035520.D
Acq: 03 May 2023 19:17

Instrument :
MSVOA_X
ClientSampleId :
MW-2-20230503

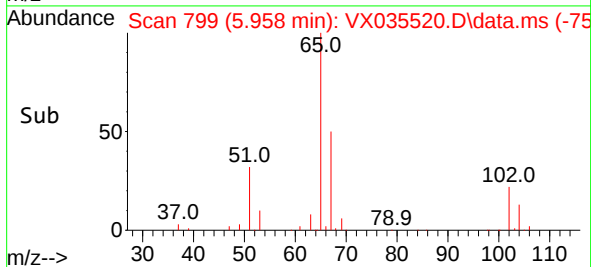
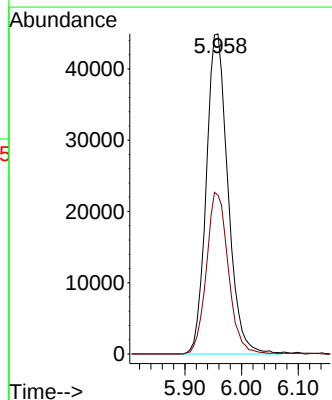
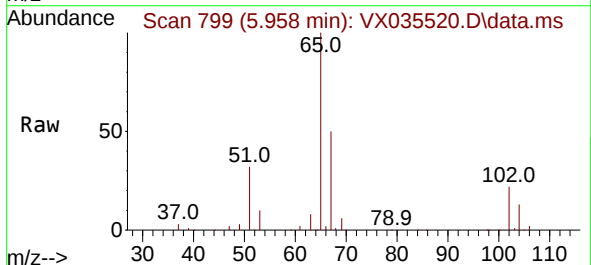


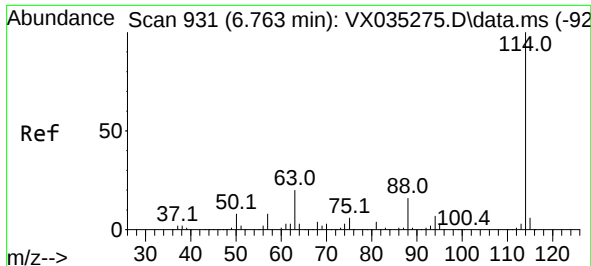
Tgt Ion: 56 Resp: 3604
Ion Ratio Lower Upper
56 100
69 172.6 23.7 35.5#
84 136.8 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.983 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035520.D
Acq: 03 May 2023 19:17

Tgt Ion: 65 Resp: 119163
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0

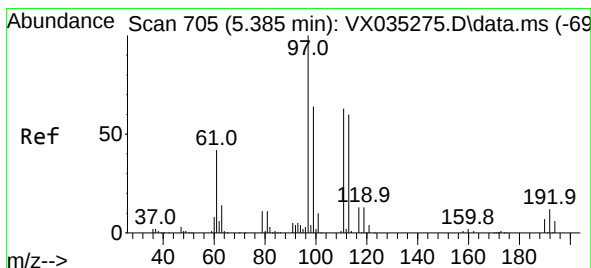
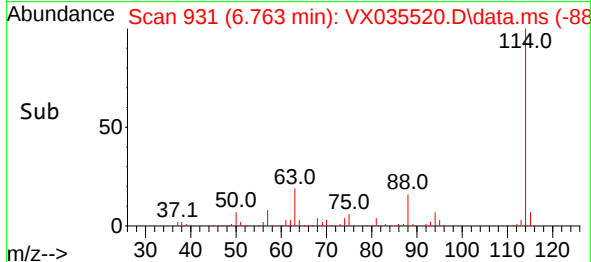
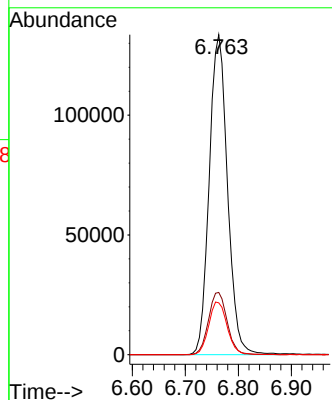
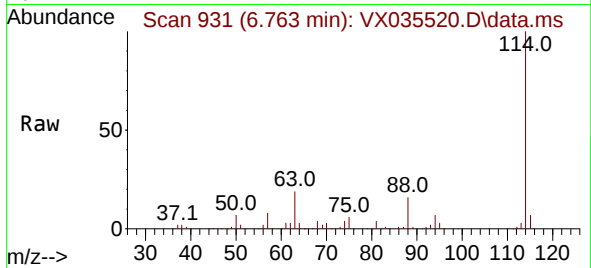




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035520.D
Acq: 03 May 2023 19:17

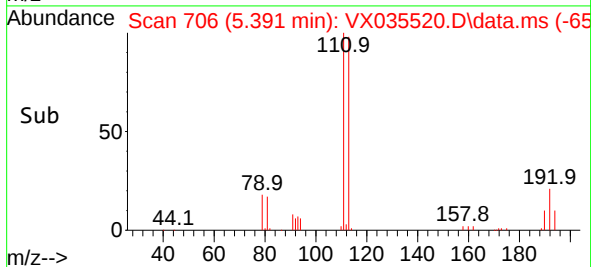
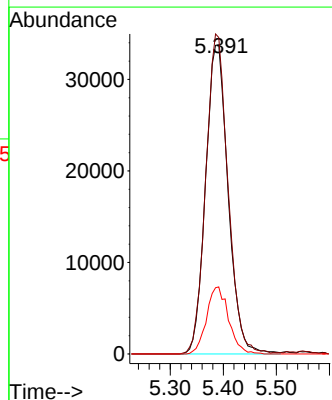
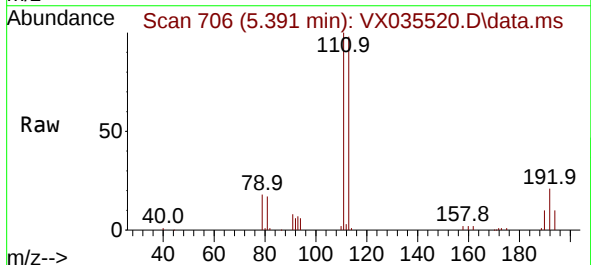
Instrument :
MSVOA_X
ClientSampleId :
MW-2-20230503

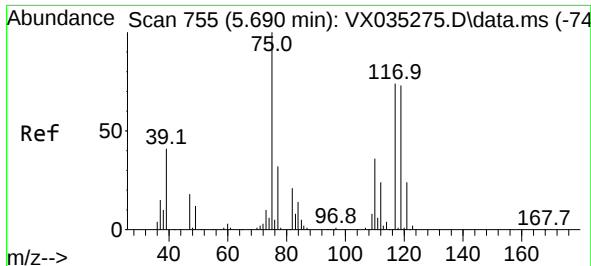
Tgt Ion:114 Resp: 319969
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.2
88 16.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.835 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX035520.D
Acq: 03 May 2023 19:17

Tgt Ion:113 Resp: 99834
Ion Ratio Lower Upper
113 100
111 102.0 83.7 125.5
192 21.2 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.697 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX035520.D

Acq: 03 May 2023 19:17

Instrument :

MSVOA_X

ClientSampleId :

MW-2-20230503

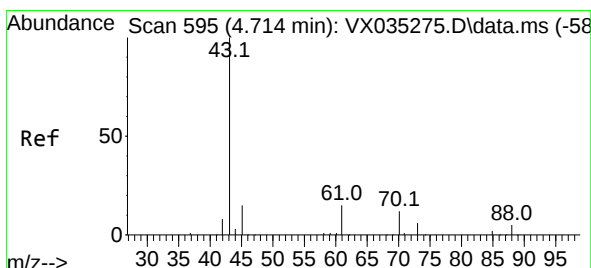
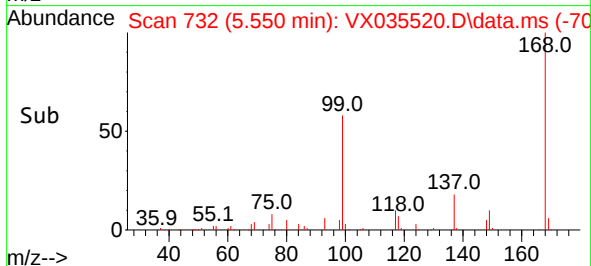
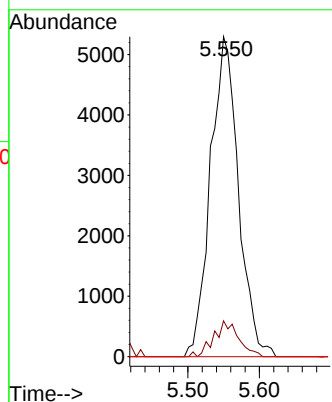
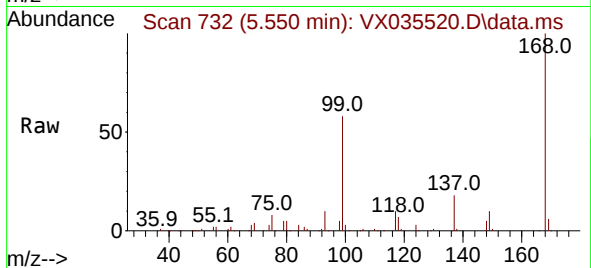
Tgt Ion: 75 Resp: 14403

Ion Ratio Lower Upper

75 100

110 9.9 17.5 52.5#

77 0.0 24.3 36.5#



#37

Ethyl Acetate

Concen: 0.367 ug/l

RT: 4.733 min Scan# 598

Delta R.T. 0.019 min

Lab File: VX035520.D

Acq: 03 May 2023 19:17

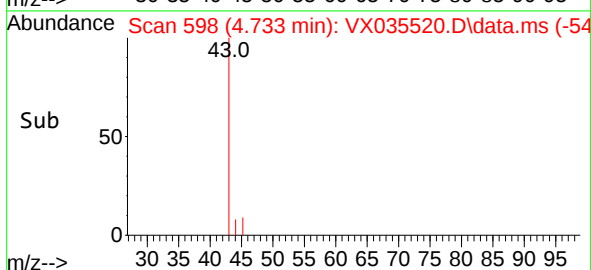
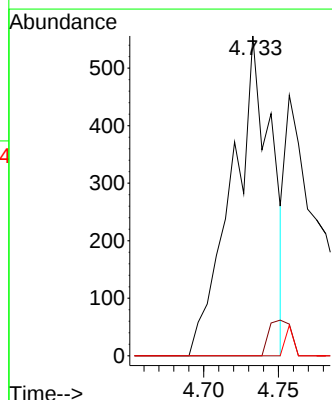
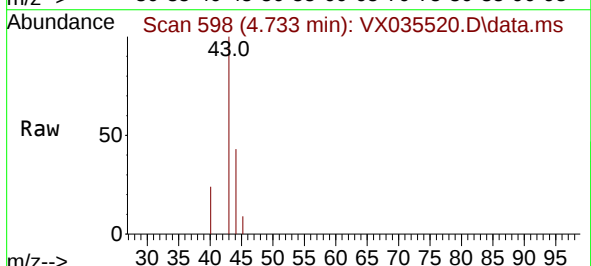
Tgt Ion: 43 Resp: 1028

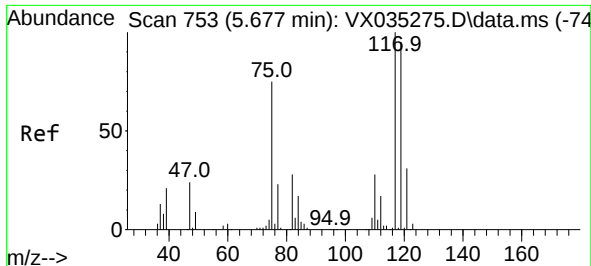
Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.4#

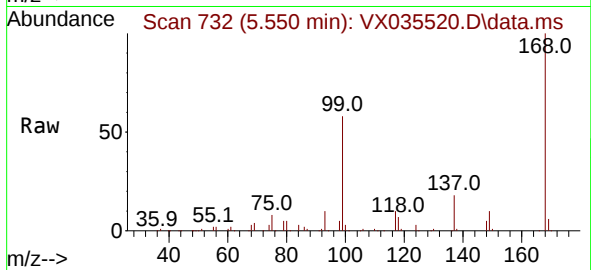
70 0.0 8.2 12.4#



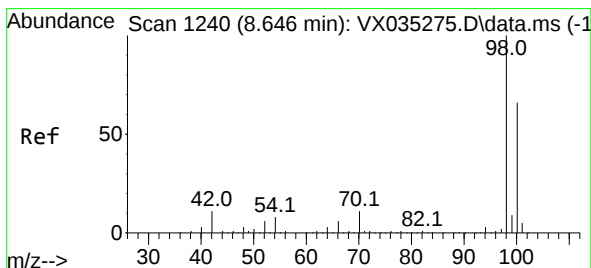
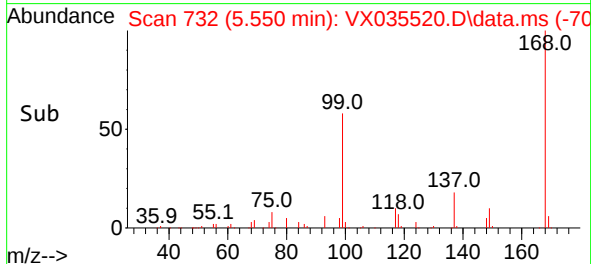
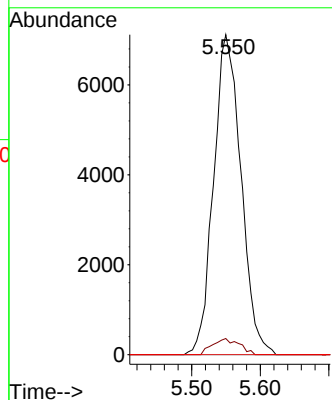


#38
Carbon Tetrachloride
Concen: 6.777 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035520.D
Acq: 03 May 2023 19:17

Instrument :
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ClientSampleId :
MW-2-20230503

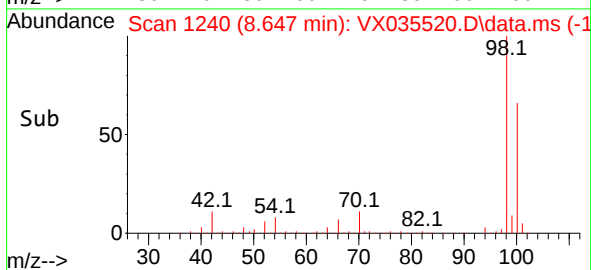
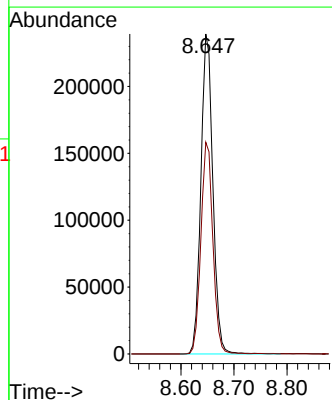
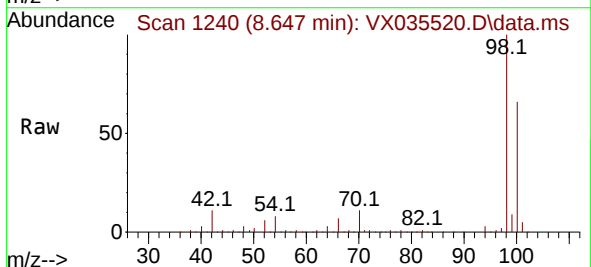


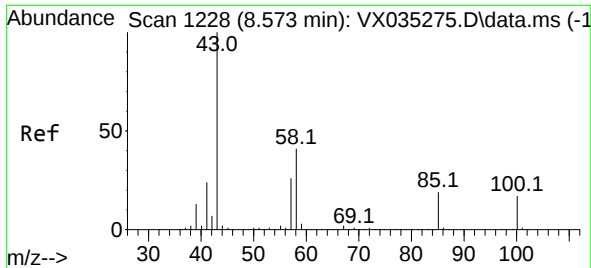
Tgt Ion:117 Resp: 19729
Ion Ratio Lower Upper
117 100
119 5.0 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.649 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035520.D
Acq: 03 May 2023 19:17

Tgt Ion: 98 Resp: 375225
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7

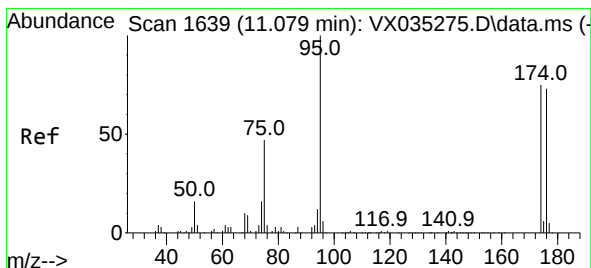
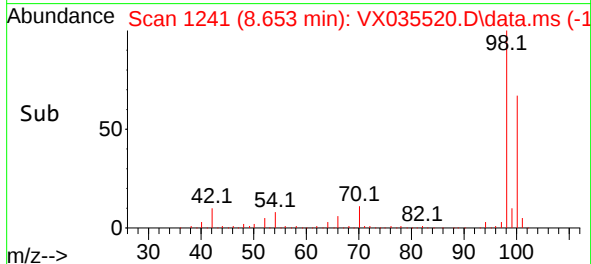
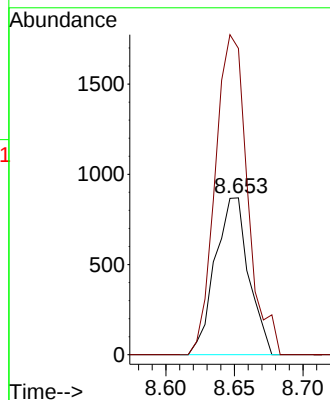
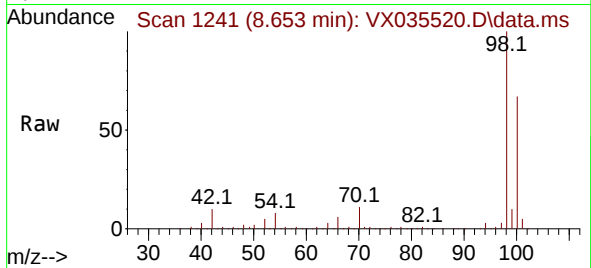




#51
4-Methyl-2-Pentanone
Concen: 0.513 ug/l
RT: 8.653 min Scan# 1228
Delta R.T. 0.080 min
Lab File: VX035520.D
Acq: 03 May 2023 19:17

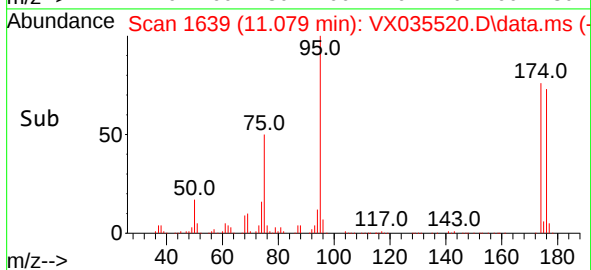
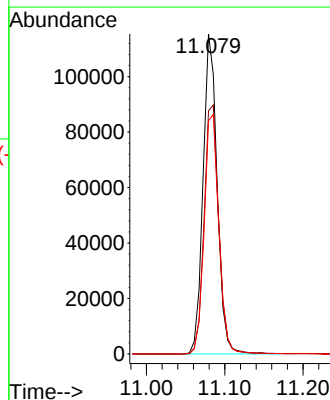
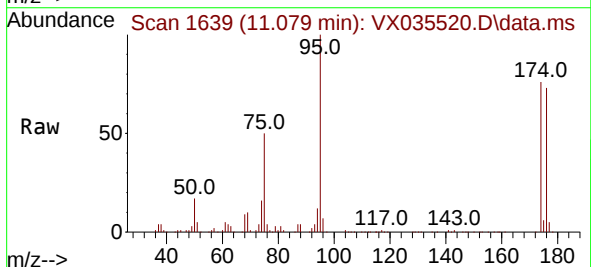
Instrument :
MSVOA_X
ClientSampleId :
MW-2-20230503

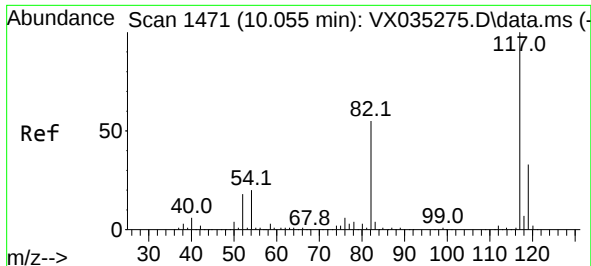
Tgt Ion: 43 Resp: 1483
Ion Ratio Lower Upper
43 100
58 196.4 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 51.670 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035520.D
Acq: 03 May 2023 19:17

Tgt Ion: 95 Resp: 143999
Ion Ratio Lower Upper
95 100
174 81.1 0.0 147.4
176 78.4 0.0 140.6

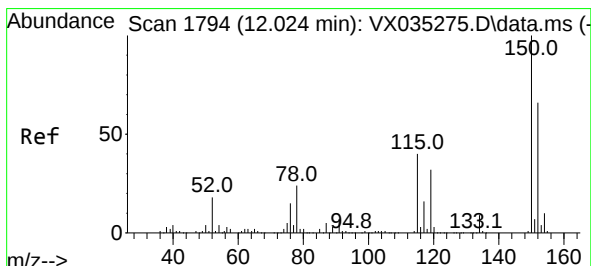
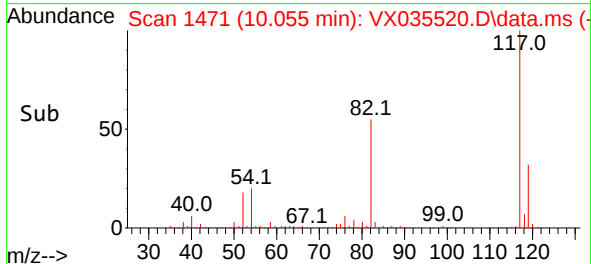
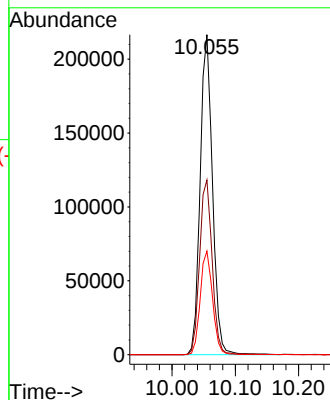
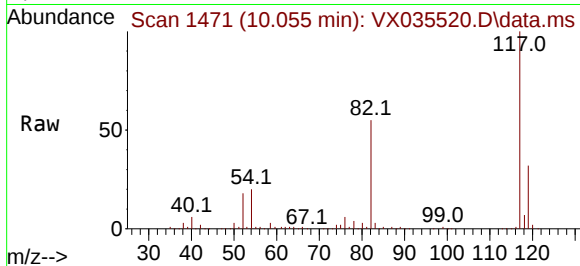




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035520.D
Acq: 03 May 2023 19:17

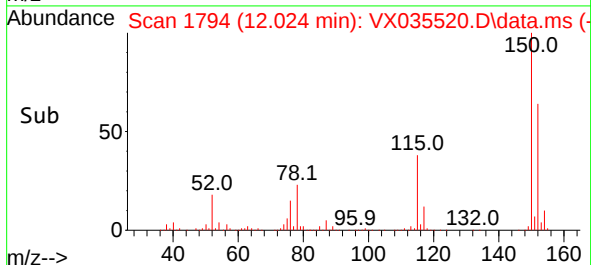
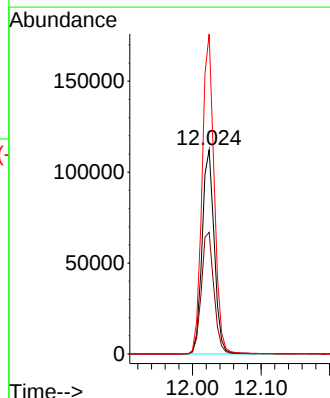
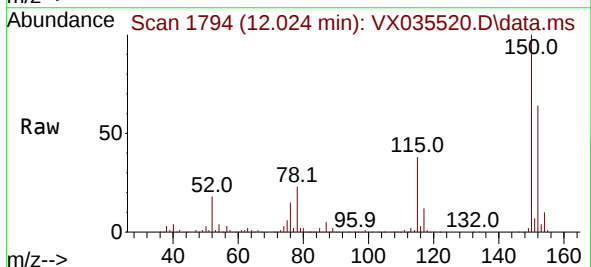
Instrument :
MSVOA_X
ClientSampleId :
MW-2-20230503

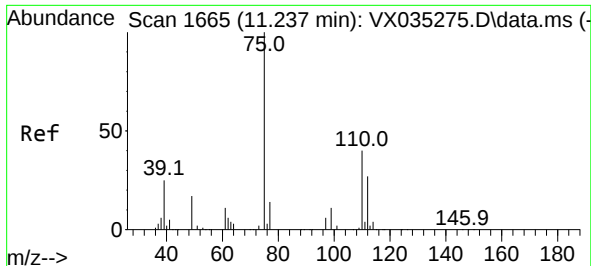
Tgt Ion:117 Resp: 293956
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035520.D
Acq: 03 May 2023 19:17

Tgt Ion:152 Resp: 139118
Ion Ratio Lower Upper
152 100
115 61.7 45.0 135.0
150 156.3 0.0 352.4

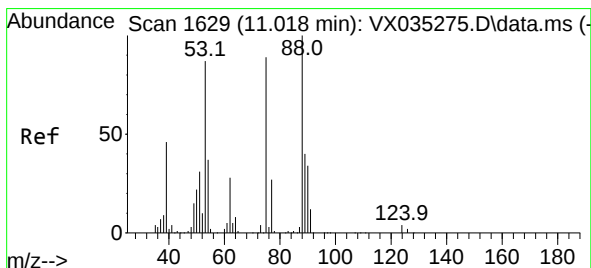
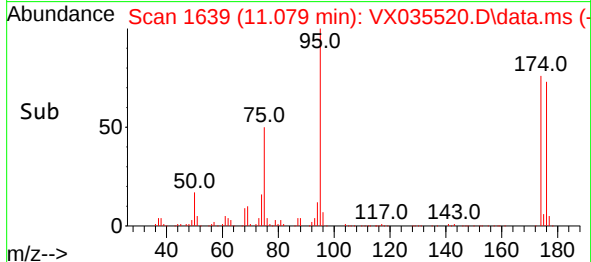
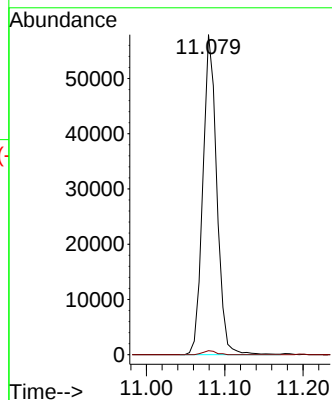
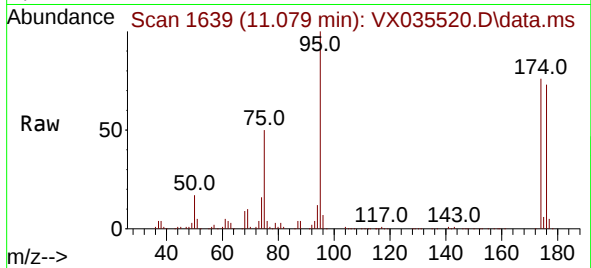




#76
1,2,3-Trichloropropane
Concen: 25.853 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035520.D
Acq: 03 May 2023 19:17

Instrument :
MSVOA_X
ClientSampleId :
MW-2-20230503

Tgt Ion: 75 Resp: 71744
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.733 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035520.D
Acq: 03 May 2023 19:17

Tgt Ion: 75 Resp: 71744
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

