

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035361.D
 Acq On : 28 Apr 2023 03:26
 Operator : JC/MD
 Sample : 02522-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13D

Quant Time: Apr 28 05:43:07 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)

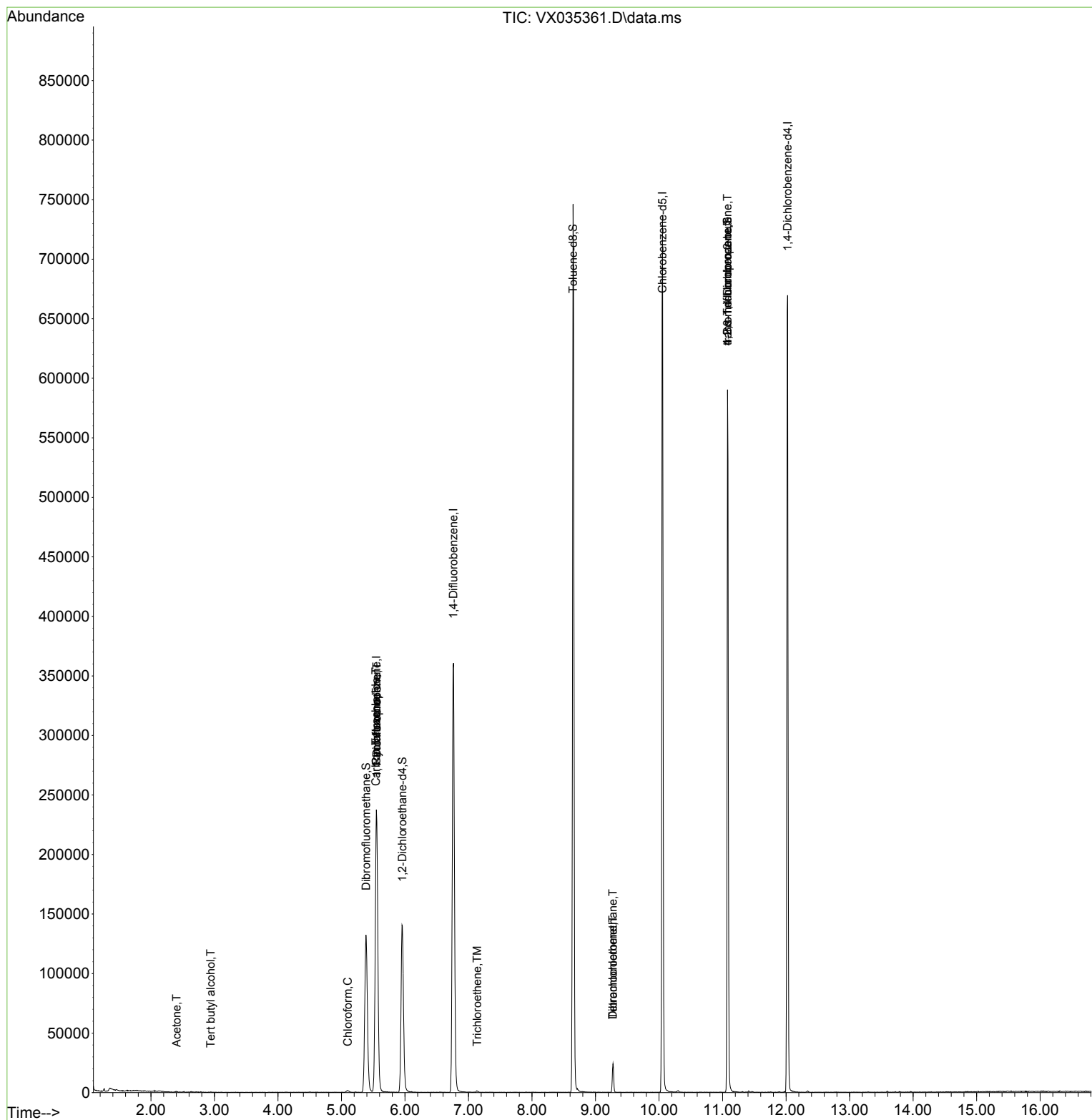
Internal Standards						
1) Pentafluorobenzene	5.550	168	234789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	380026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	343478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138513	48.900	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	97.800%	
35) Dibromofluoromethane	5.385	113	117961	50.573	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.140%	
50) Toluene-d8	8.647	98	449798	51.120	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	102.240%	
62) 4-Bromofluorobenzene	11.079	95	161575	48.814	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	97.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	110	0.213	ug/l #	73
16) Acetone	2.404	43	937	0.762	ug/l #	74
30) Chloroform	5.099	83	1955	0.433	ug/l	96
31) Cyclohexane	5.550	56	4433	1.103	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	17001	4.668	ug/l #	52
38) Carbon Tetrachloride	5.544	117	22944	6.636	ug/l #	15
44) Trichloroethene	7.135	130	647	0.225	ug/l	54
60) Dibromochloromethane	9.275	129	4476	1.770	ug/l #	10
64) Tetrachloroethene	9.275	164	4720	1.795	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	81080	26.683	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	81080	86.422	ug/l #	8

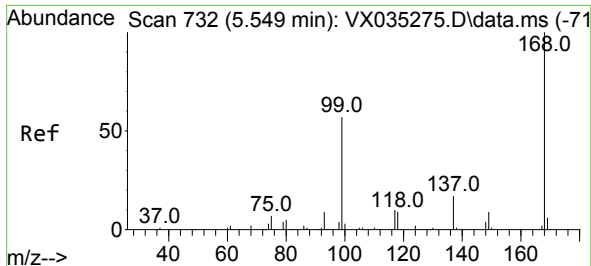
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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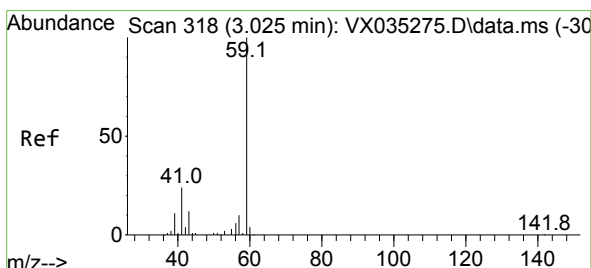
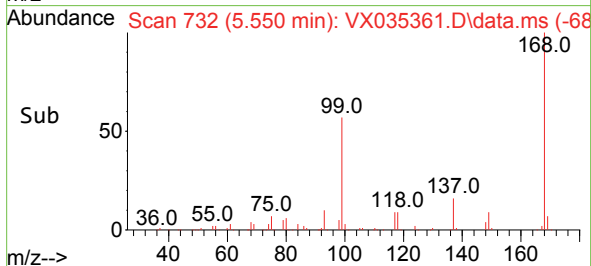
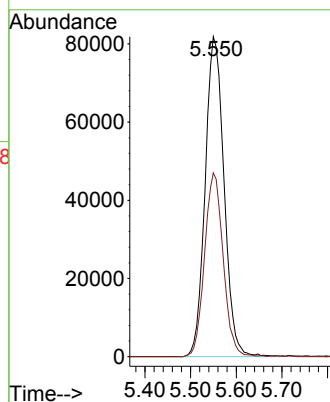
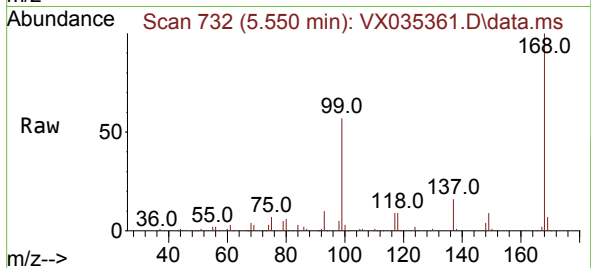




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035361.D
Acq: 28 Apr 2023 03:26

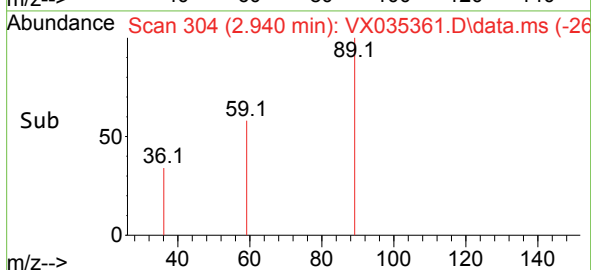
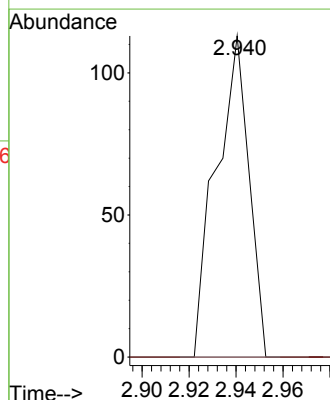
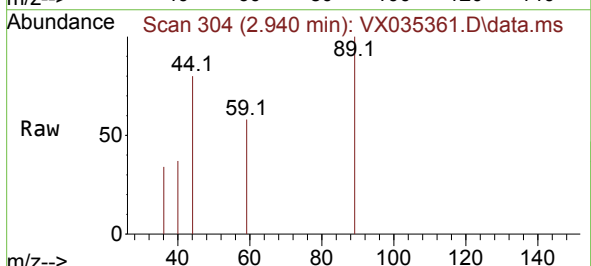
Instrument :
MSVOA_X
ClientSampleId :
MW-13D

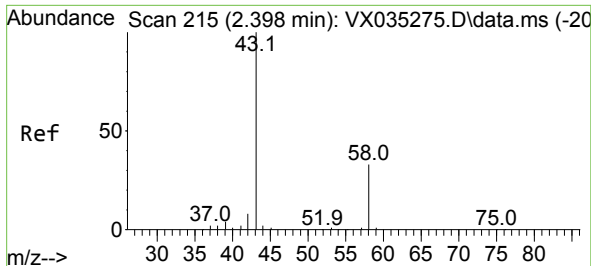
Tgt Ion:168 Resp: 234789
Ion Ratio Lower Upper
168 100
99 57.5 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.213 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.085 min
Lab File: VX035361.D
Acq: 28 Apr 2023 03:26

Tgt Ion: 59 Resp: 110
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

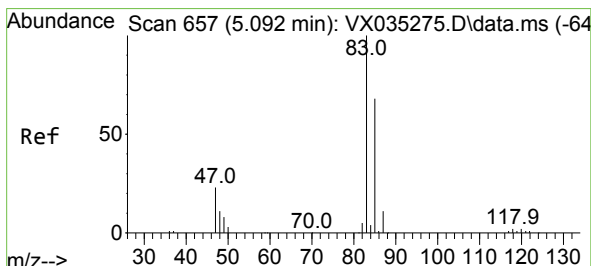
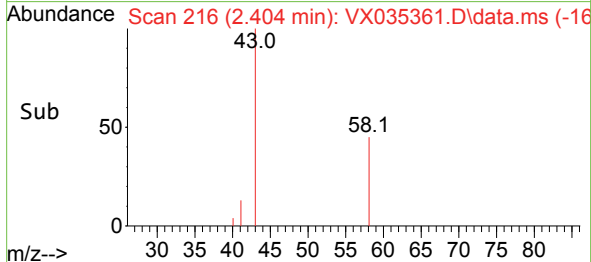
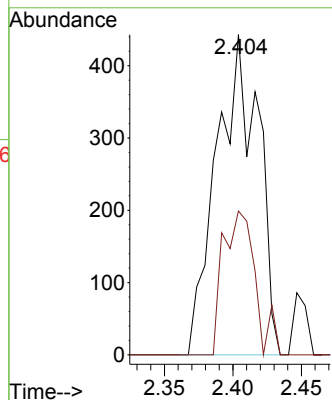
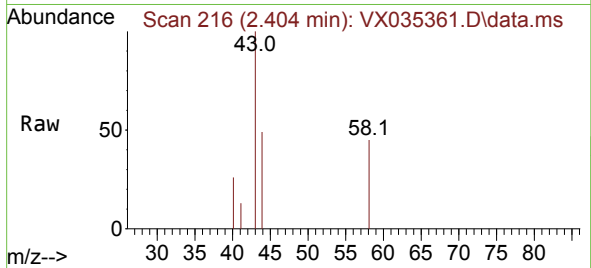




#16
Acetone
Concen: 0.762 ug/l
RT: 2.404 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035361.D
Acq: 28 Apr 2023 03:26

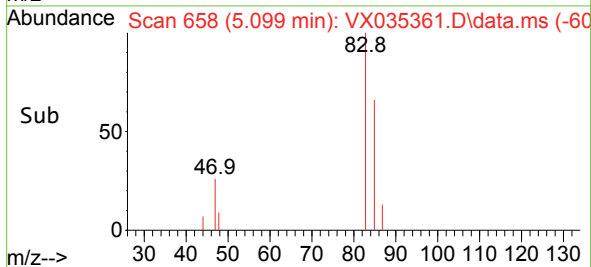
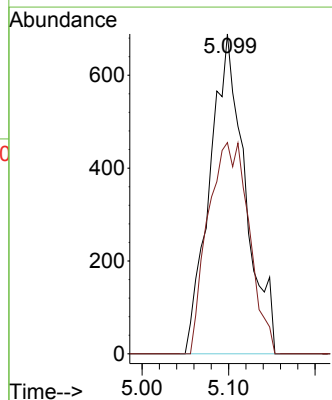
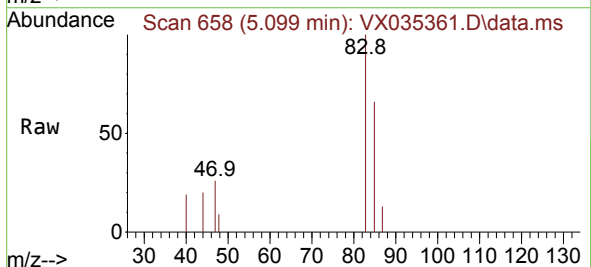
Instrument :
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ClientSampleId :
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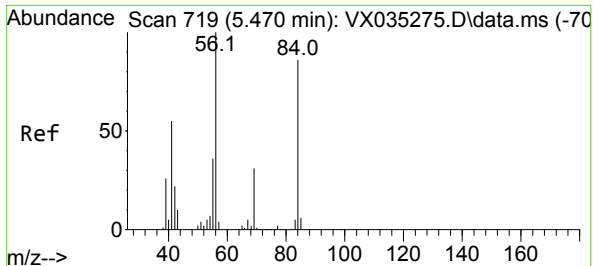
Tgt Ion: 43 Resp: 937
Ion Ratio Lower Upper
43 100
58 44.9 24.7 37.1#



#30
Chloroform
Concen: 0.433 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.007 min
Lab File: VX035361.D
Acq: 28 Apr 2023 03:26

Tgt Ion: 83 Resp: 1955
Ion Ratio Lower Upper
83 100
85 66.0 50.6 76.0

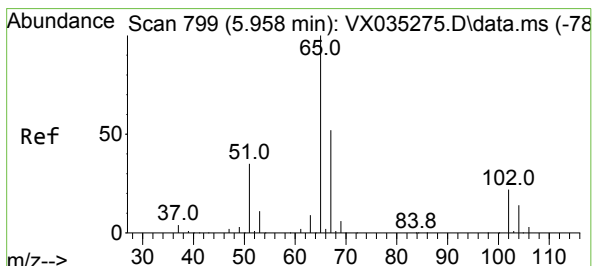
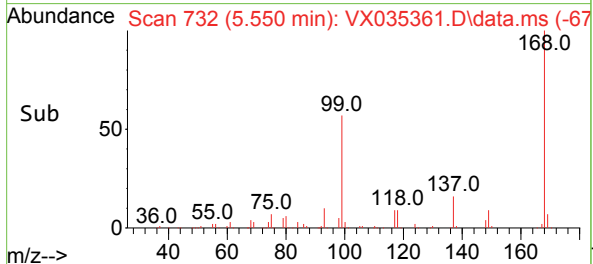
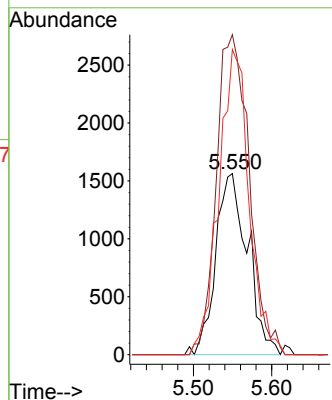
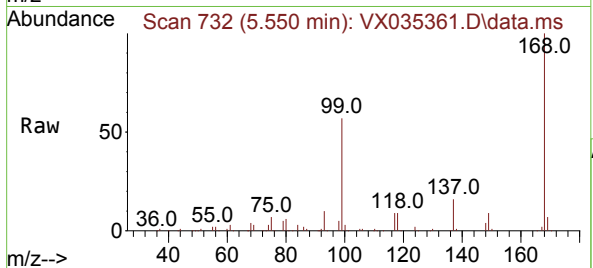




#31
Cyclohexane
Concen: 1.103 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX035361.D
Acq: 28 Apr 2023 03:26

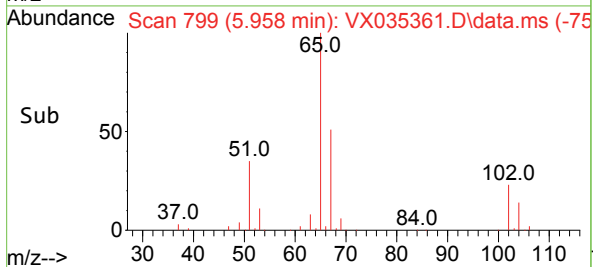
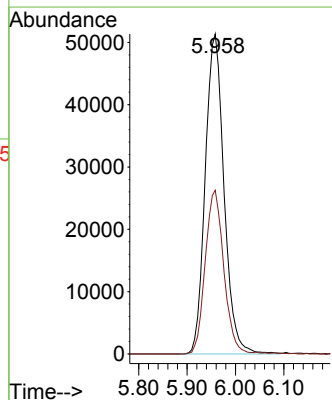
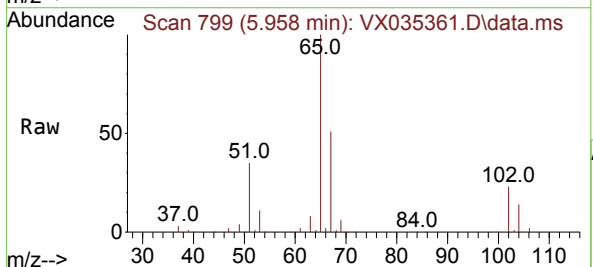
Instrument :
MSVOA_X
ClientSampleId :
MW-13D

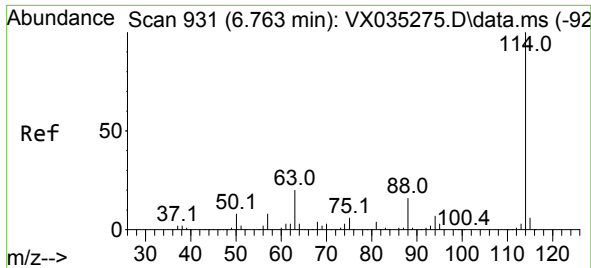
Tgt Ion: 56 Resp: 4433
Ion Ratio Lower Upper
56 100
69 176.7 23.7 35.5#
84 168.4 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.900 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035361.D
Acq: 28 Apr 2023 03:26

Tgt Ion: 65 Resp: 138513
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.0

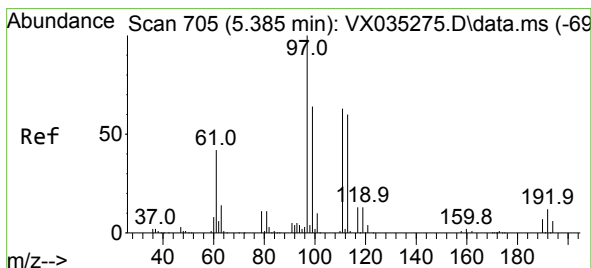
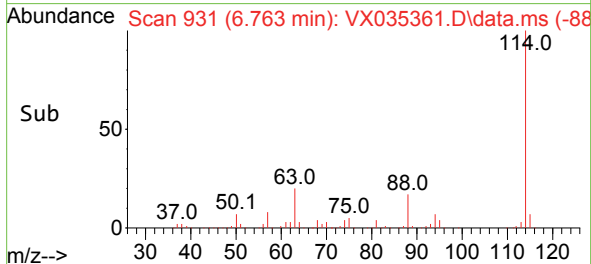
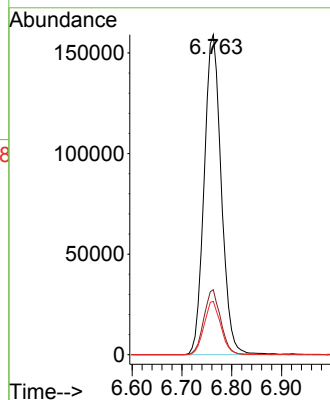
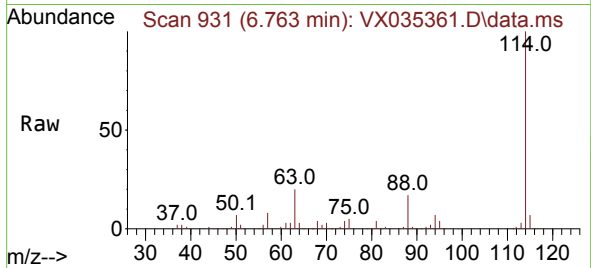




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035361.D
Acq: 28 Apr 2023 03:26

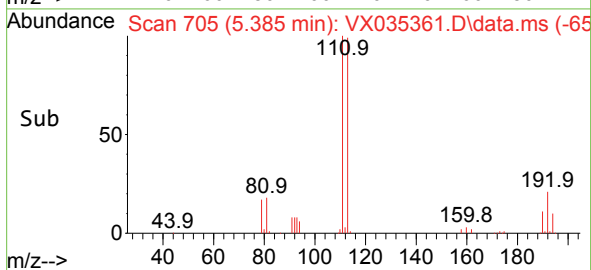
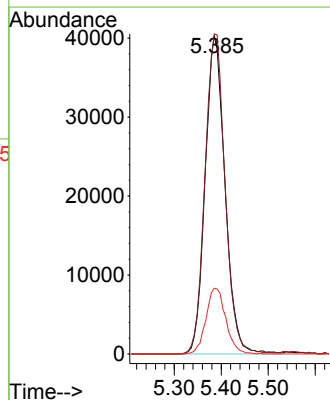
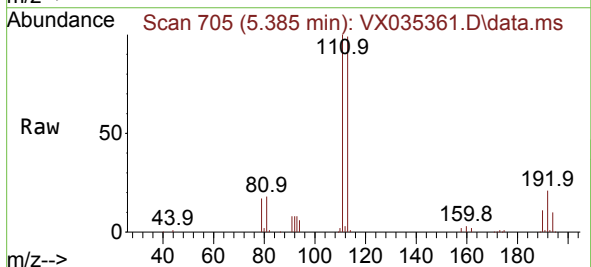
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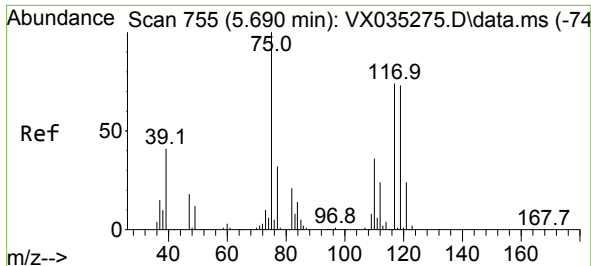
Tgt Ion:114 Resp: 380026
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.2
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.573 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035361.D
Acq: 28 Apr 2023 03:26

Tgt Ion:113 Resp: 117961
Ion Ratio Lower Upper
113 100
111 102.1 83.7 125.5
192 20.6 15.4 23.2

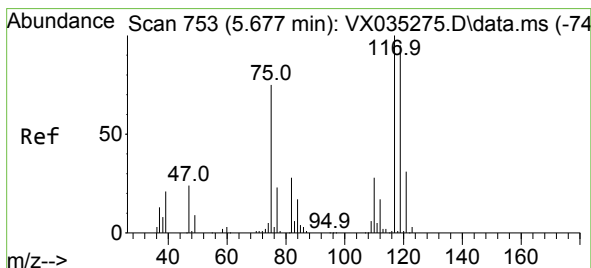
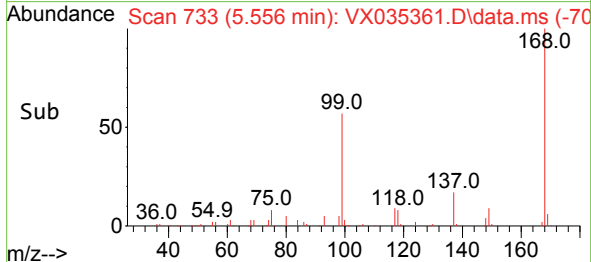
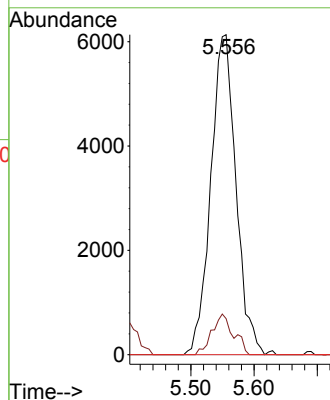
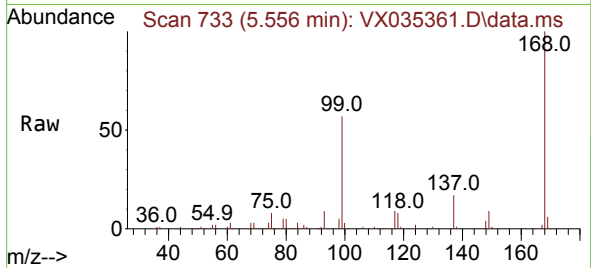




#36
1,1-Dichloropropene
Concen: 4.668 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX035361.D
Acq: 28 Apr 2023 03:26

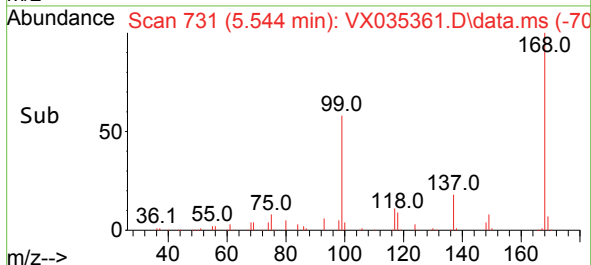
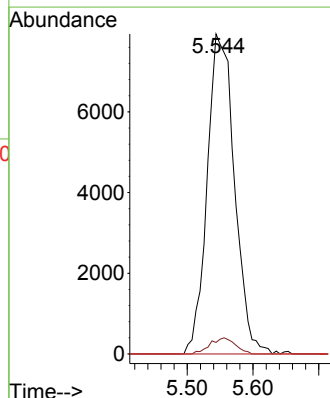
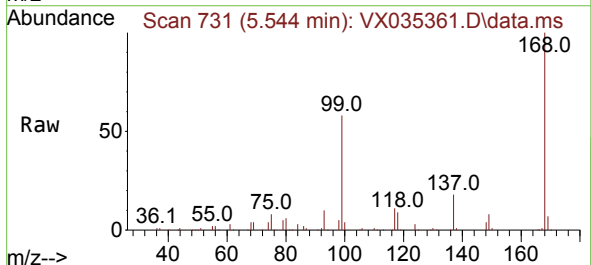
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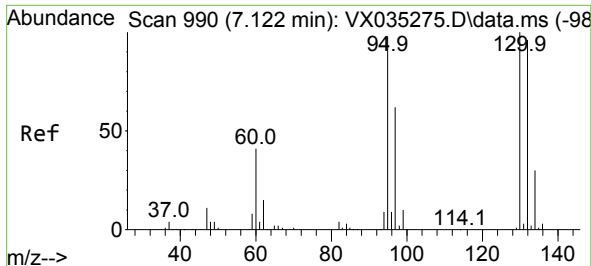
Tgt Ion: 75 Resp: 17001
Ion Ratio Lower Upper
75 100
110 10.8 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.636 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.133 min
Lab File: VX035361.D
Acq: 28 Apr 2023 03:26

Tgt Ion: 117 Resp: 22944
Ion Ratio Lower Upper
117 100
119 3.6 76.6 114.8#
121 0.0 23.8 35.6#

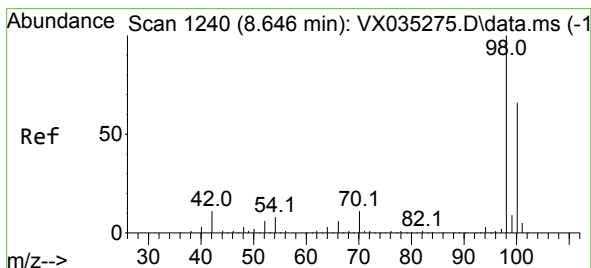
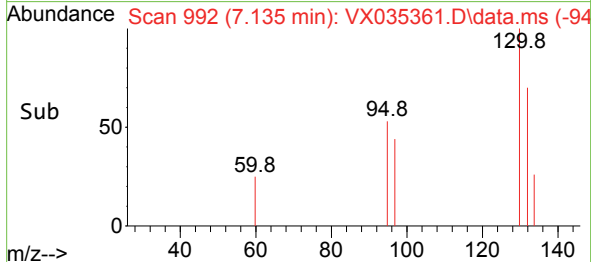
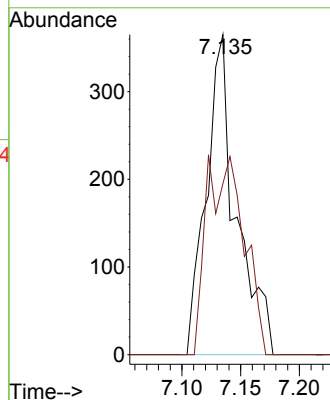
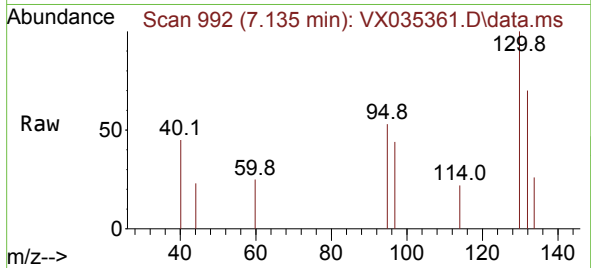




#44
Trichloroethene
Concen: 0.225 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.013 min
Lab File: VX035361.D
Acq: 28 Apr 2023 03:26

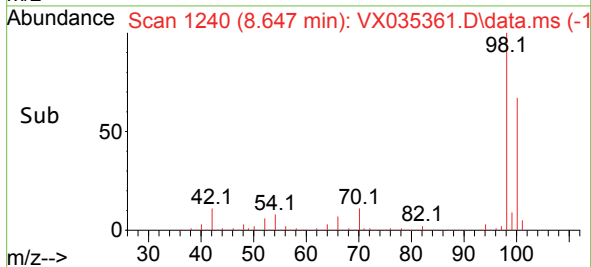
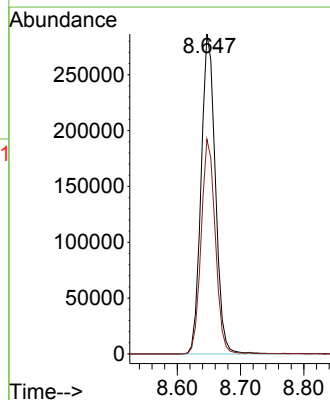
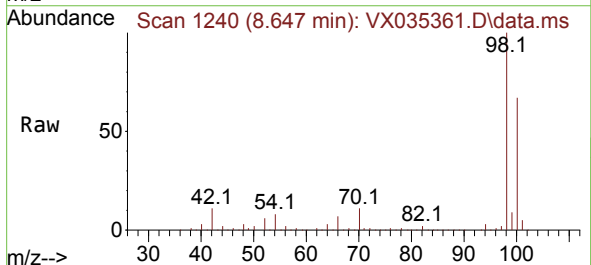
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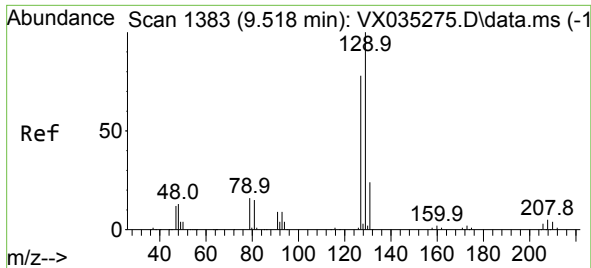
Tgt Ion:130 Resp: 647
Ion Ratio Lower Upper
130 100
95 53.4 0.0 198.4



#50
Toluene-d8
Concen: 51.120 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035361.D
Acq: 28 Apr 2023 03:26

Tgt Ion: 98 Resp: 449798
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7

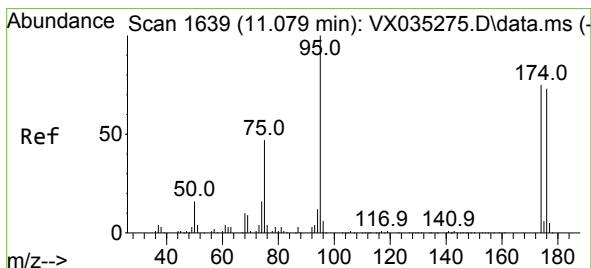
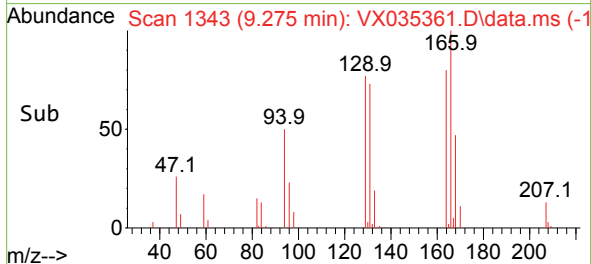
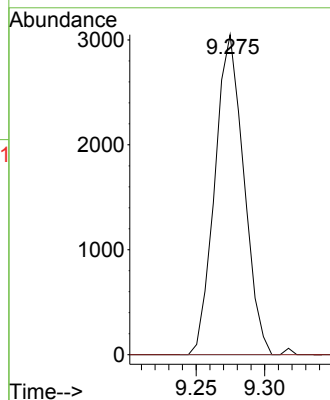
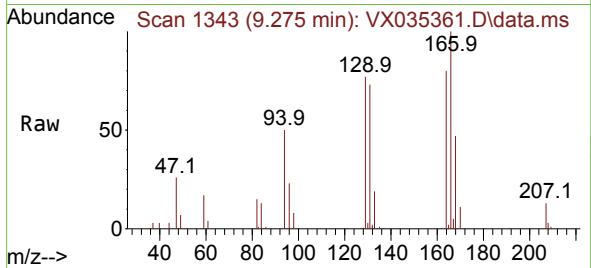




#60
Dibromochloromethane
Concen: 1.770 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.243 min
Lab File: VX035361.D
Acq: 28 Apr 2023 03:26

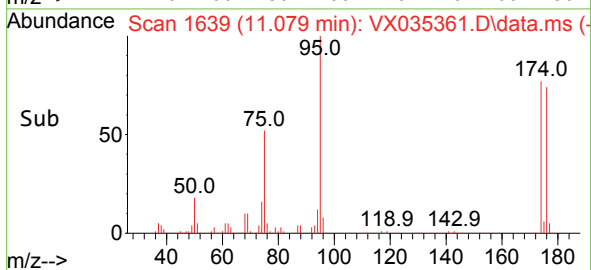
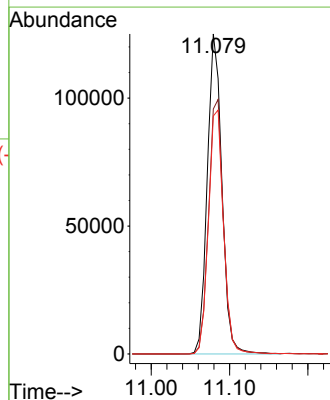
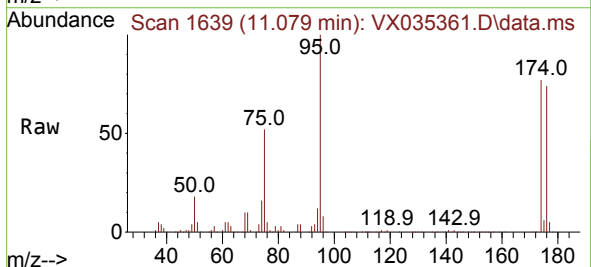
Instrument :
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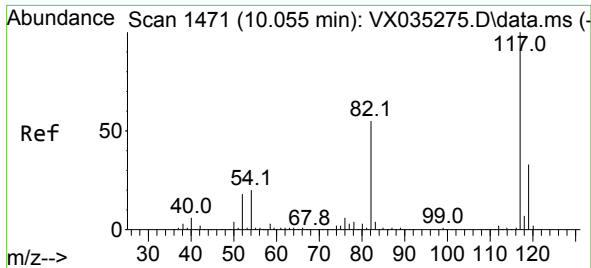
Tgt Ion:129 Resp: 4476
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 48.814 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035361.D
Acq: 28 Apr 2023 03:26

Tgt Ion: 95 Resp: 161575
Ion Ratio Lower Upper
95 100
174 80.8 0.0 147.4
176 78.7 0.0 140.6

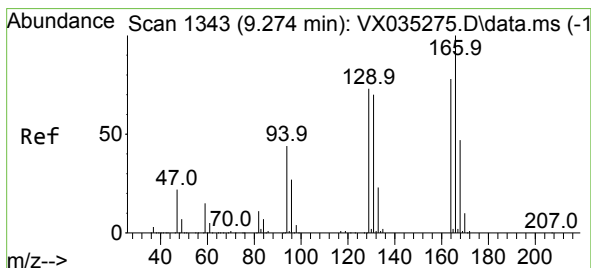
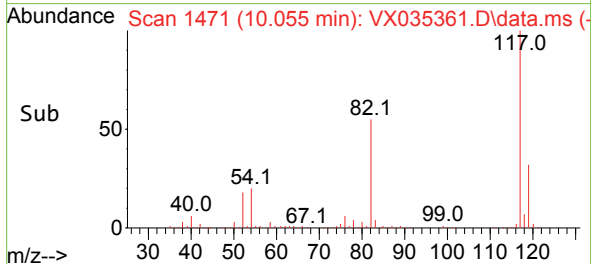
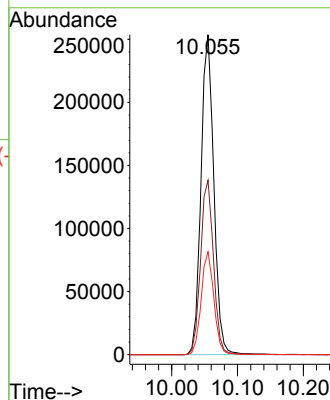
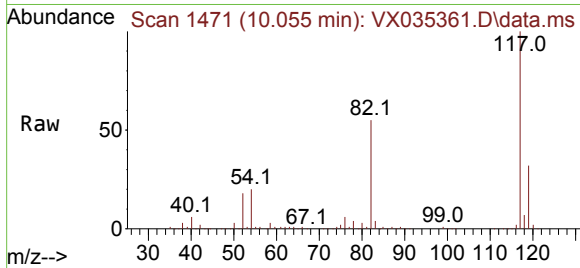




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035361.D
Acq: 28 Apr 2023 03:26

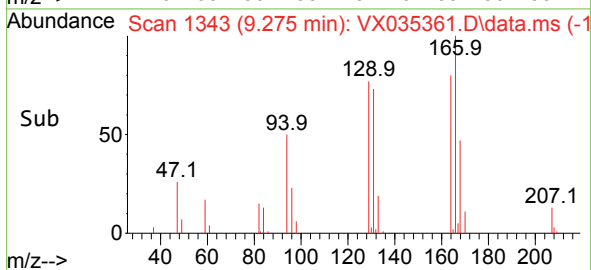
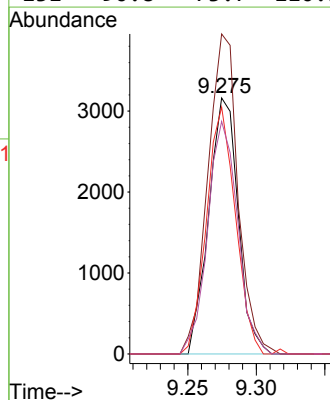
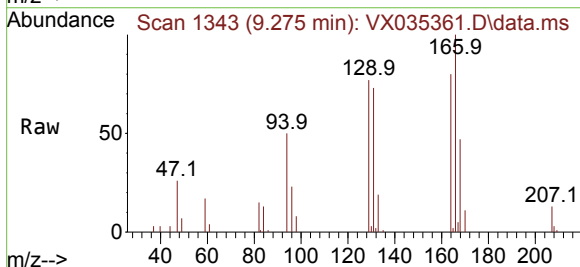
Instrument :
MSVOA_X
ClientSampleId :
MW-13D

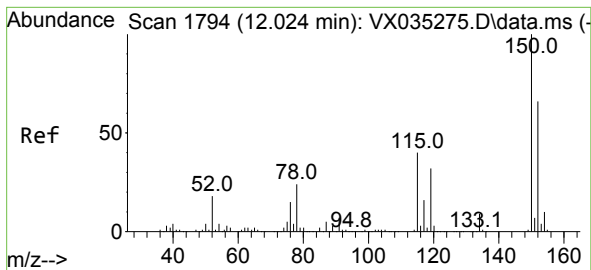
Tgt Ion:117 Resp: 343478
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.4
119 32.2 26.0 39.0



#64
Tetrachloroethene
Concen: 1.795 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX035361.D
Acq: 28 Apr 2023 03:26

Tgt Ion:164 Resp: 4720
Ion Ratio Lower Upper
164 100
166 125.0 102.7 154.1
129 96.4 75.6 113.4
131 90.8 73.7 110.5

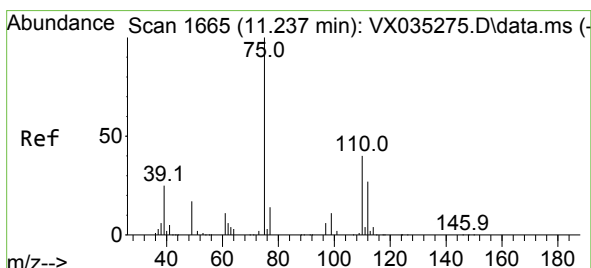
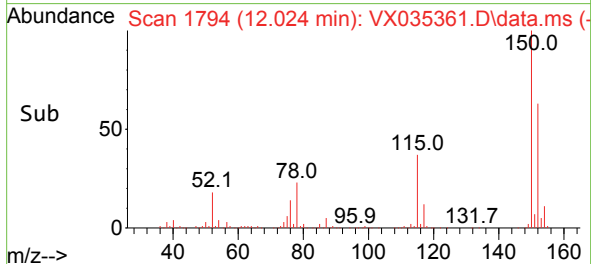
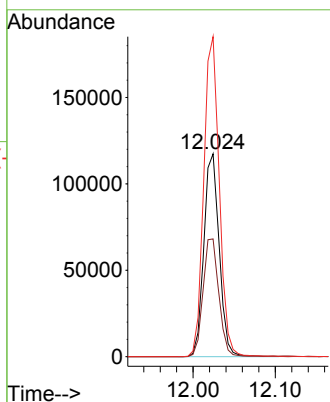
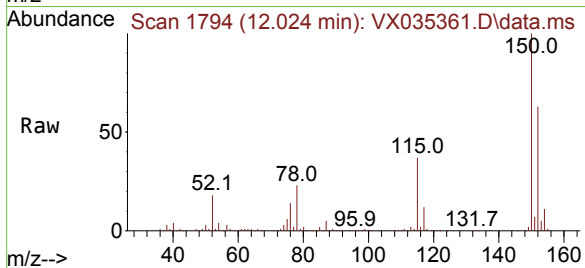




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX035361.D
 Acq: 28 Apr 2023 03:26

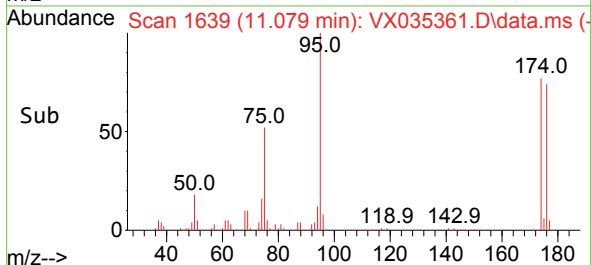
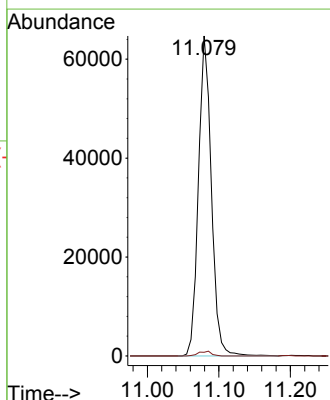
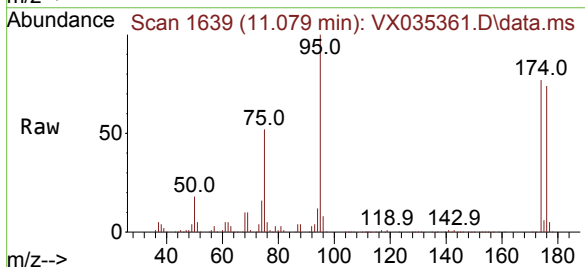
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13D

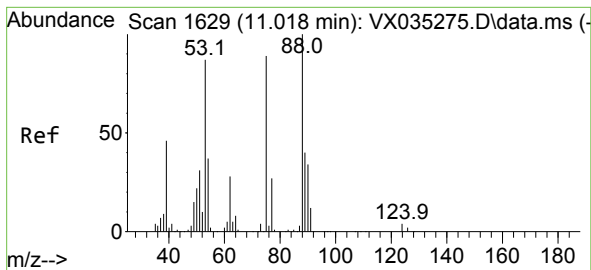
Tgt Ion:152 Resp: 152328
 Ion Ratio Lower Upper
 152 100
 115 60.0 45.0 135.0
 150 159.6 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 26.683 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX035361.D
 Acq: 28 Apr 2023 03:26

Tgt Ion: 75 Resp: 81080
 Ion Ratio Lower Upper
 75 100
 77 1.5 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.422 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035361.D
 Acq: 28 Apr 2023 03:26

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13D

Tgt Ion: 75 Resp: 81080
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

