

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112123\  
 Data File : VX038991.D  
 Acq On : 21 Nov 2023 17:44  
 Operator : JC/MD  
 Sample : 05407-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 22 03:23:32 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 16 22:59:22 2023  
 Response via : Initial Calibration

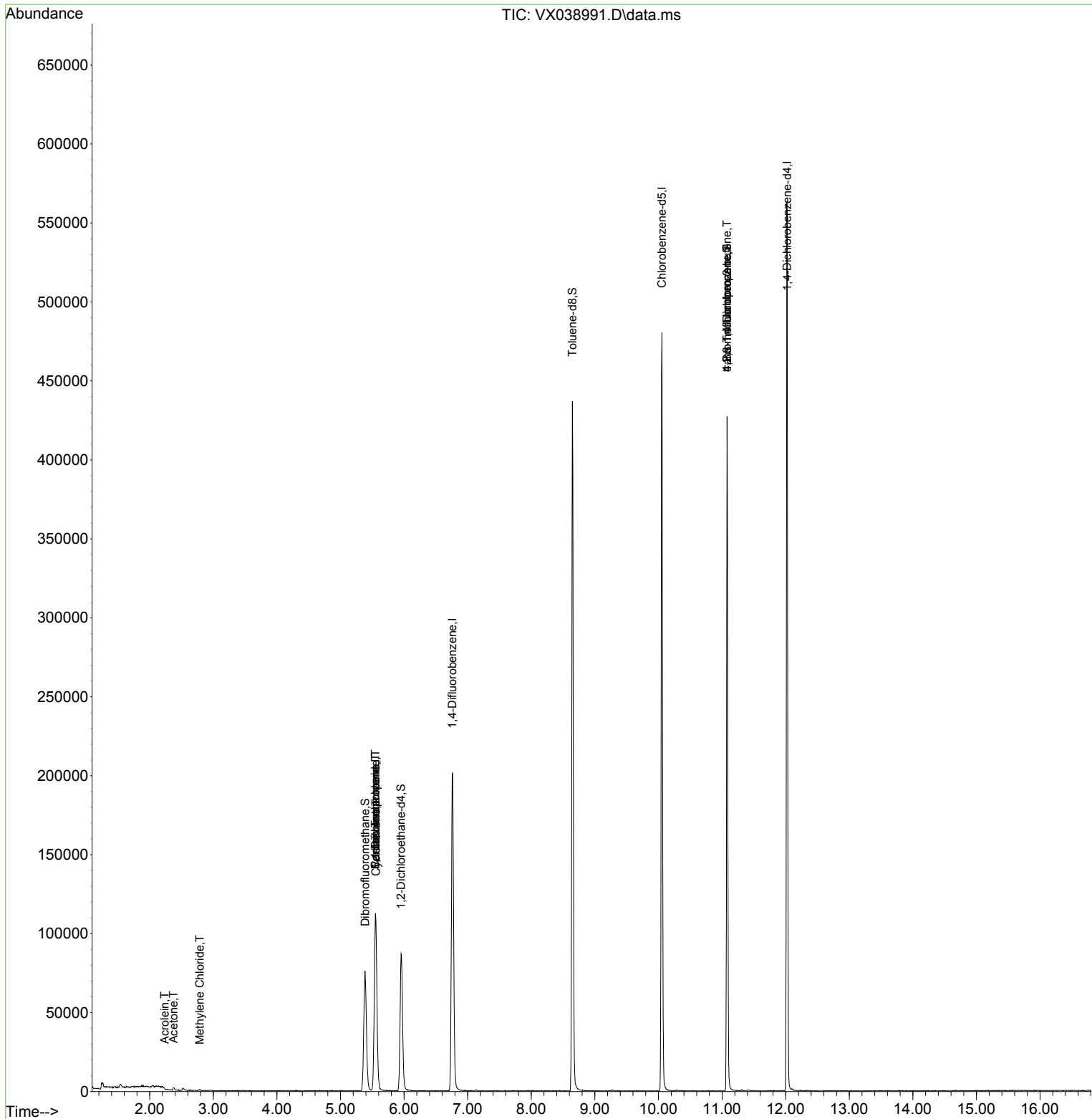
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----						
Internal Standards						
1) Pentafluorobenzene	5.549	168	97535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	202880	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83715	53.266	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	106.540%	
35) Dibromofluoromethane	5.385	113	66362	45.291	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	90.580%	
50) Toluene-d8	8.646	98	263872	47.069	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	94.140%	
62) 4-Bromofluorobenzene	11.079	95	114616	51.073	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	102.140%	
Target Compounds						
						Qvalue
13) Acrolein	2.233	56	52	0.225	ug/l #	1
16) Acetone	2.373	43	1950	2.331	ug/l #	89
20) Methylene Chloride	2.788	84	303	0.201	ug/l #	75
31) Cyclohexane	5.556	56	2979	1.328	ug/l #	45
36) 1,1-Dichloropropene	5.549	75	9738	4.637	ug/l #	50
38) Carbon Tetrachloride	5.549	117	11249	5.796	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	62562	22.707	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	62562	50.366	ug/l #	5

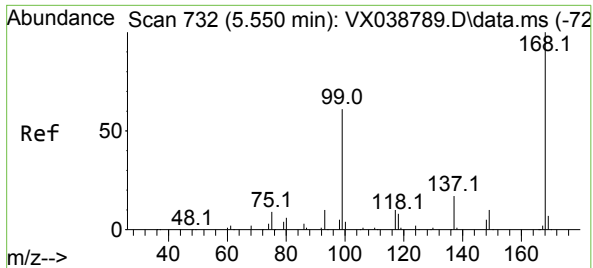
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112123\  
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 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

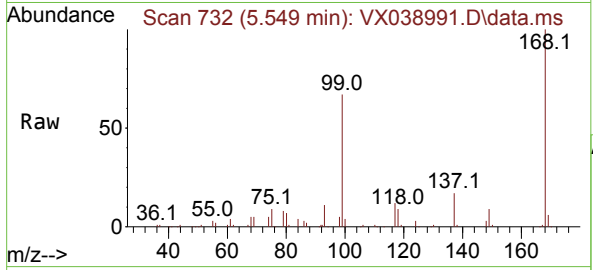
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 16 22:59:22 2023  
 Response via : Initial Calibration



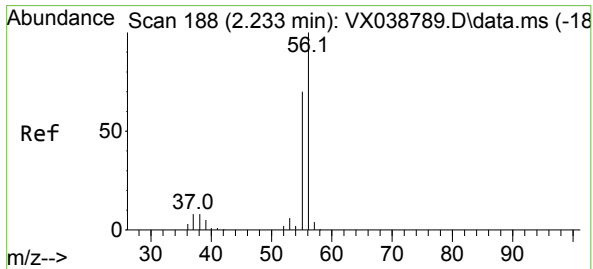
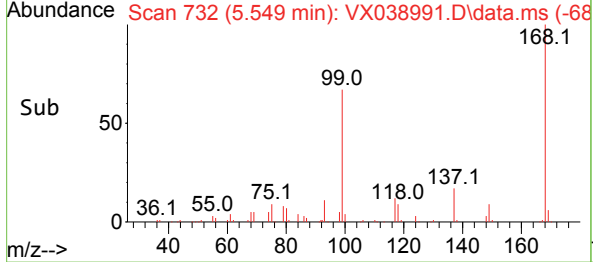
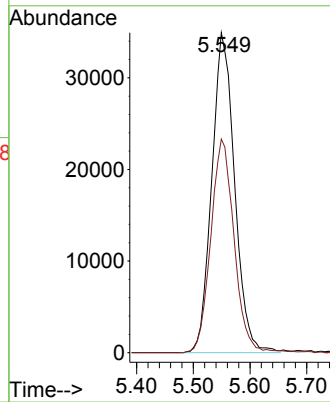


#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.549 min Scan# 71  
 Delta R.T. -0.001 min  
 Lab File: VX038991.D  
 Acq: 21 Nov 2023 17:44

Instrument : MSVOA\_X  
 ClientSampleId :

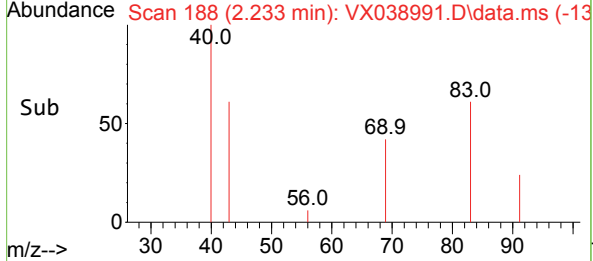
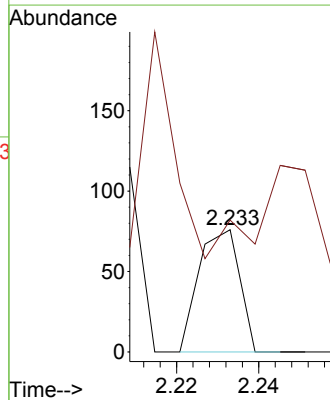
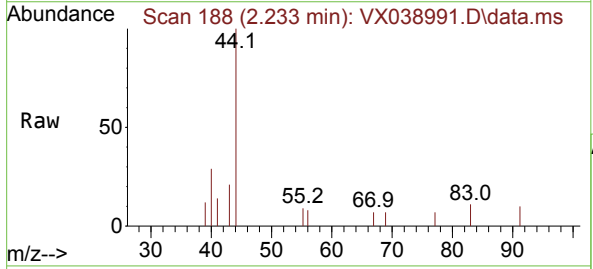


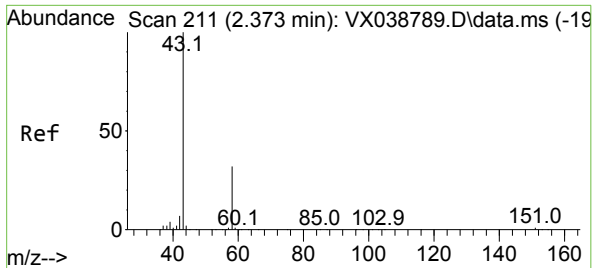
Tgt Ion:168 Resp: 97535  
 Ion Ratio Lower Upper  
 168 100  
 99 66.7 56.6 85.0



#13  
 Acrolein  
 Concen: 0.225 ug/l  
 RT: 2.233 min Scan# 188  
 Delta R.T. -0.000 min  
 Lab File: VX038991.D  
 Acq: 21 Nov 2023 17:44

Tgt Ion: 56 Resp: 52  
 Ion Ratio Lower Upper  
 56 100  
 55 200.0 57.1 85.7#

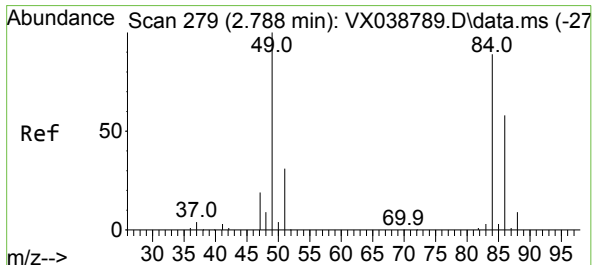
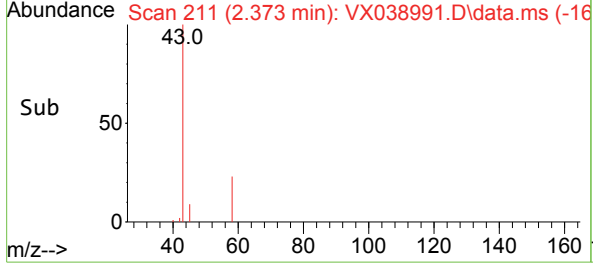
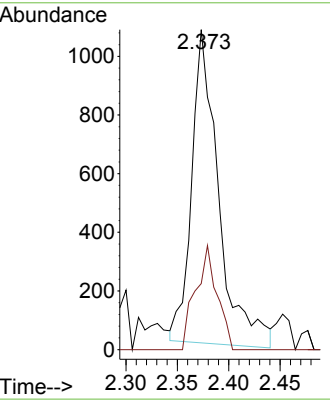
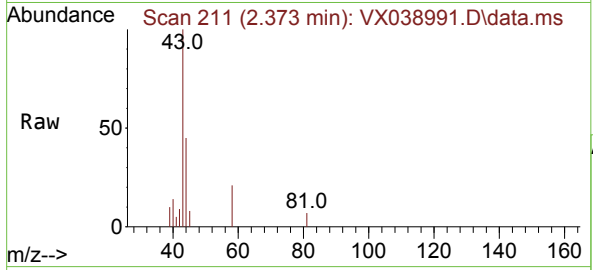




#16  
 Acetone  
 Concen: 2.331 ug/l  
 RT: 2.373 min Scan# 211  
 Delta R.T. -0.000 min  
 Lab File: VX038991.D  
 Acq: 21 Nov 2023 17:44

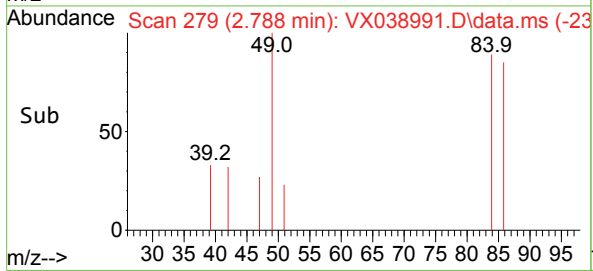
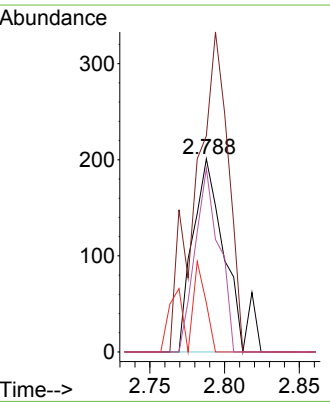
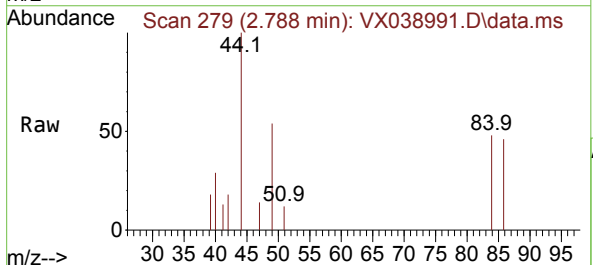
Instrument : MSVOA\_X  
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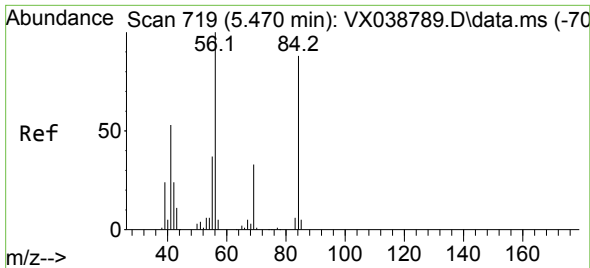
Tgt Ion	Resp	Lower	Upper
43	1950		
58	21.9	21.9	32.9#



#20  
 Methylene Chloride  
 Concen: 0.201 ug/l  
 RT: 2.788 min Scan# 279  
 Delta R.T. -0.000 min  
 Lab File: VX038991.D  
 Acq: 21 Nov 2023 17:44

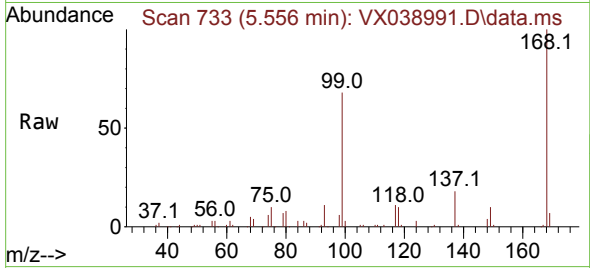
Tgt Ion	Resp	Lower	Upper
84	303		
49	111.9	103.6	155.4
51	25.4	33.8	50.6#
86	95.0	49.4	74.0#



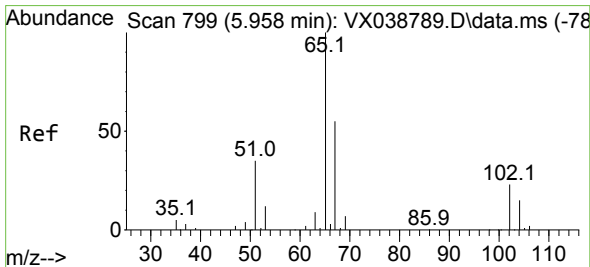
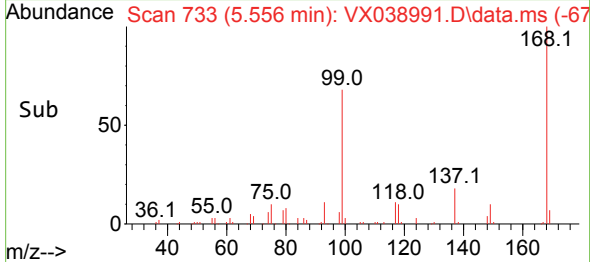
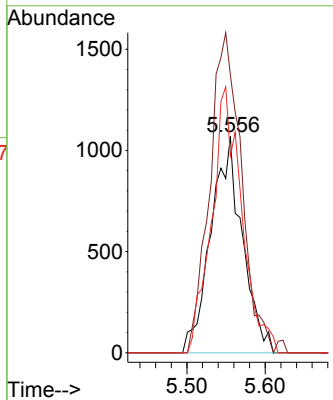


#31  
 Cyclohexane  
 Concen: 1.328 ug/l  
 RT: 5.556 min Scan# 719  
 Delta R.T. 0.085 min  
 Lab File: VX038991.D  
 Acq: 21 Nov 2023 17:44

Instrument : MSVOA\_X  
 ClientSampleId :

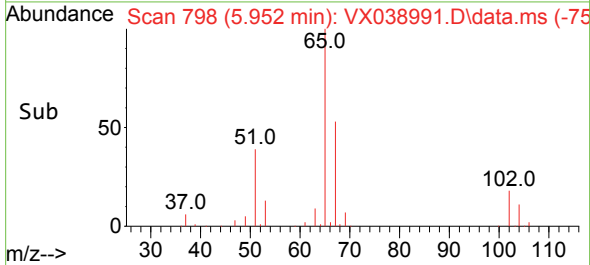
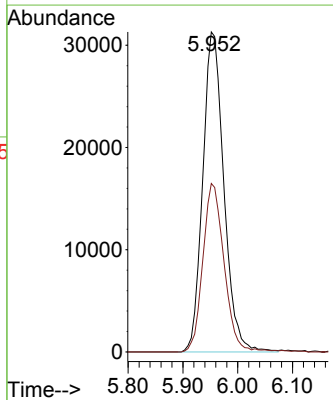
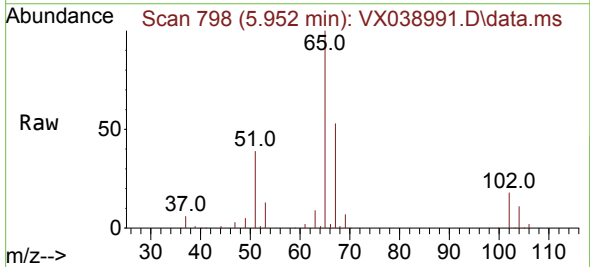


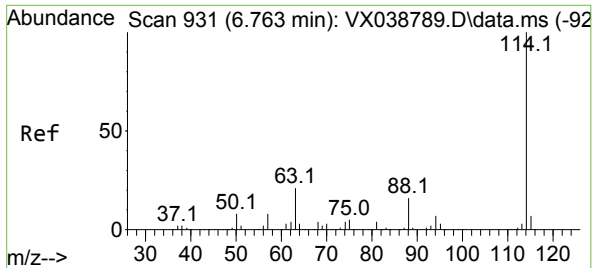
Tgt Ion: 56 Resp: 2979  
 Ion Ratio Lower Upper  
 56 100  
 69 128.4 23.4 35.2#  
 84 90.9 65.9 98.9



#33  
 1,2-Dichloroethane-d4  
 Concen: 53.266 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. -0.006 min  
 Lab File: VX038991.D  
 Acq: 21 Nov 2023 17:44

Tgt Ion: 65 Resp: 83715  
 Ion Ratio Lower Upper  
 65 100  
 67 52.9 0.0 100.2



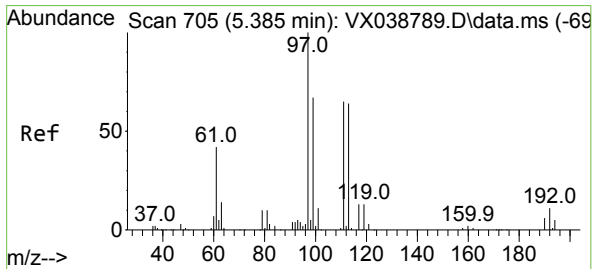
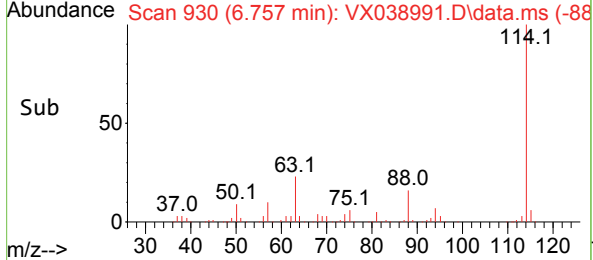
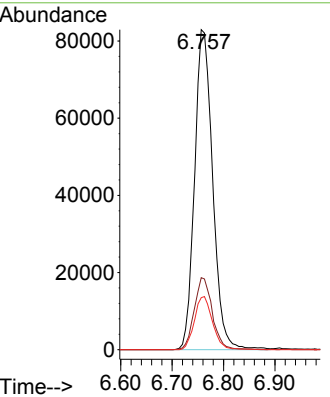
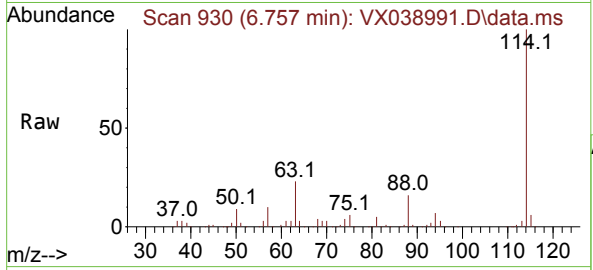


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 911  
 Delta R.T. -0.006 min  
 Lab File: VX038991.D  
 Acq: 21 Nov 2023 17:44

Instrument : MSVOA\_X  
 ClientSampleId :

Tgt Ion:114 Resp: 202880

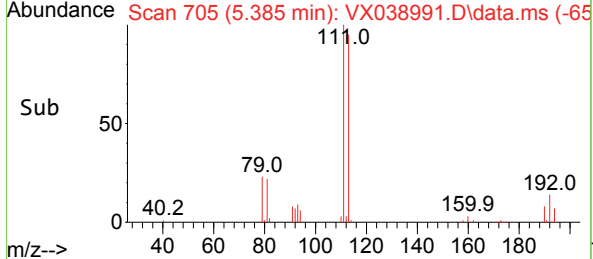
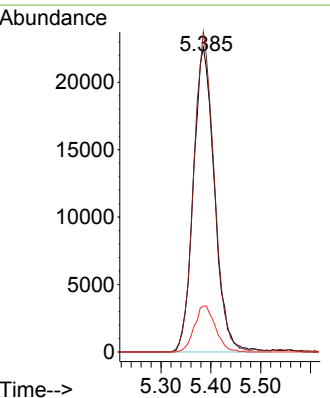
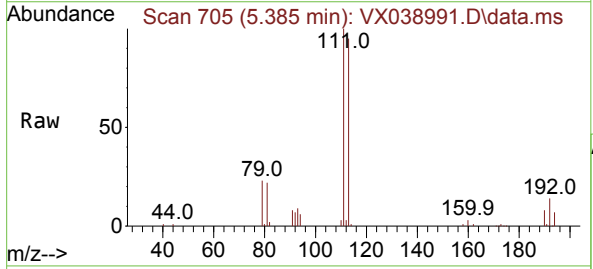
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	45.0
88	16.2	0.0	36.6

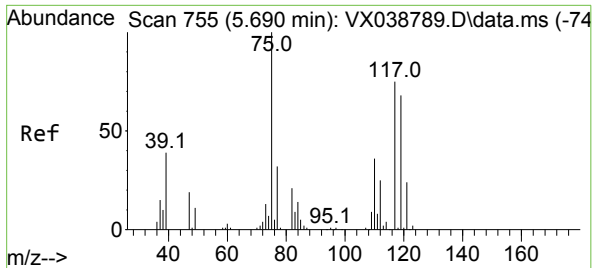


#35  
 Dibromofluoromethane  
 Concen: 45.291 ug/l  
 RT: 5.385 min Scan# 705  
 Delta R.T. -0.000 min  
 Lab File: VX038991.D  
 Acq: 21 Nov 2023 17:44

Tgt Ion:113 Resp: 66362

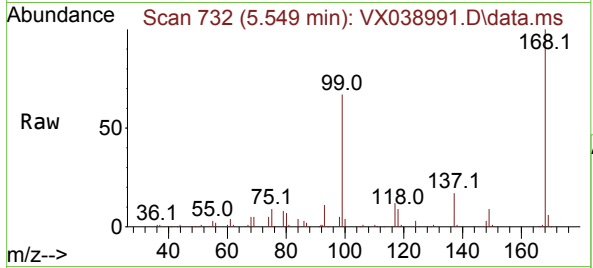
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.9	124.3
192	15.0	13.3	19.9



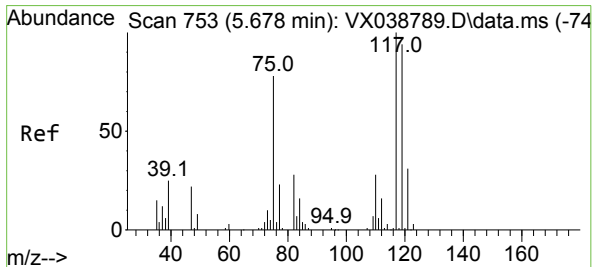
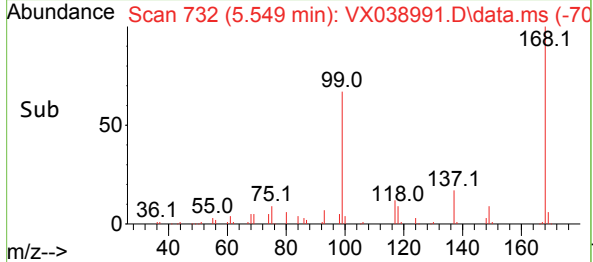
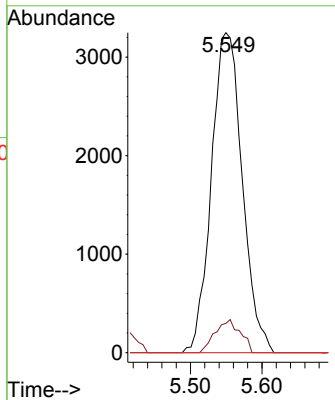


#36  
 1,1-Dichloropropene  
 Concen: 4.637 ug/l  
 RT: 5.549 min Scan# 711  
 Delta R.T. -0.140 min  
 Lab File: VX038991.D  
 Acq: 21 Nov 2023 17:44

Instrument :  
 MSVOA\_X  
 ClientSampled :

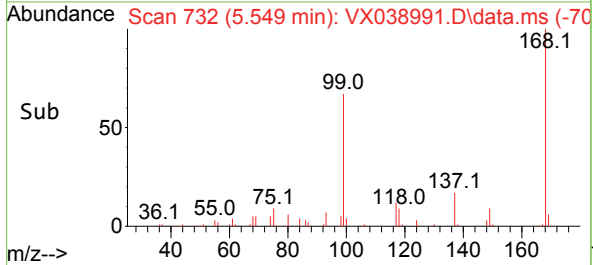
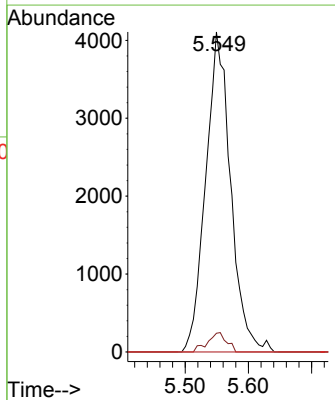
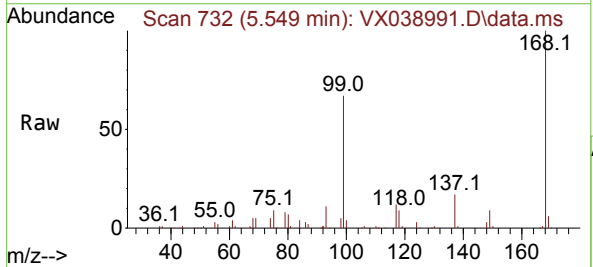


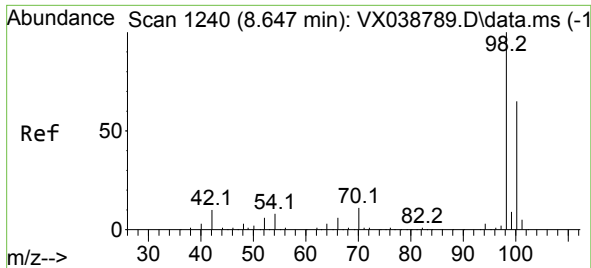
Tgt Ion: 75 Resp: 9738  
 Ion Ratio Lower Upper  
 75 100  
 110 8.4 17.0 50.9#  
 77 0.0 24.7 37.1#



#38  
 Carbon Tetrachloride  
 Concen: 5.796 ug/l  
 RT: 5.549 min Scan# 732  
 Delta R.T. -0.128 min  
 Lab File: VX038991.D  
 Acq: 21 Nov 2023 17:44

Tgt Ion:117 Resp: 11249  
 Ion Ratio Lower Upper  
 117 100  
 119 5.9 78.2 117.2#  
 121 0.0 24.4 36.6#

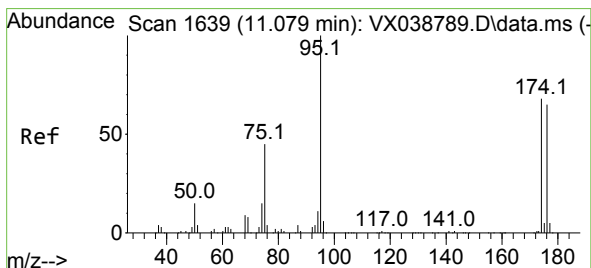
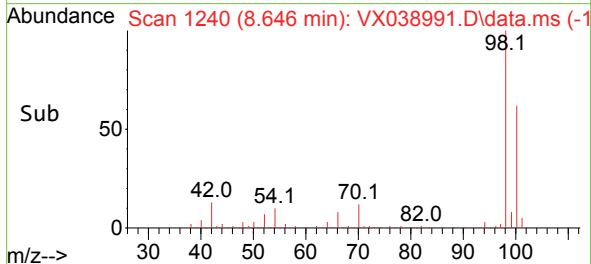
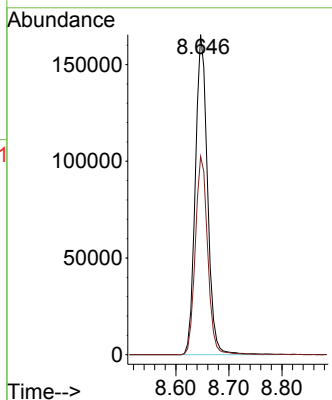
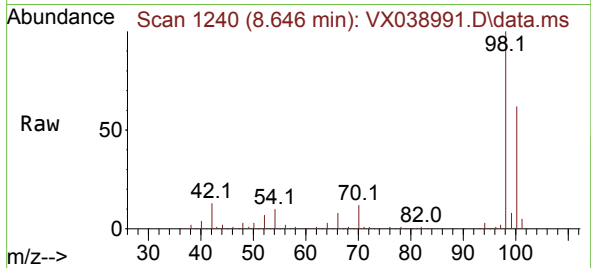




#50  
 Toluene-d8  
 Concen: 47.069 ug/l  
 RT: 8.646 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX038991.D  
 Acq: 21 Nov 2023 17:44

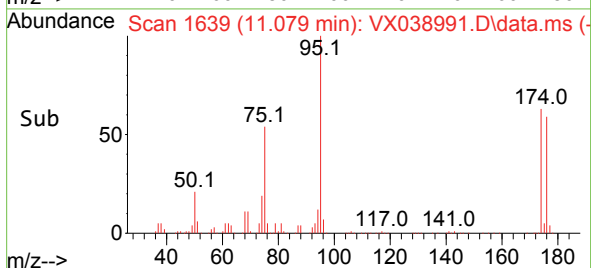
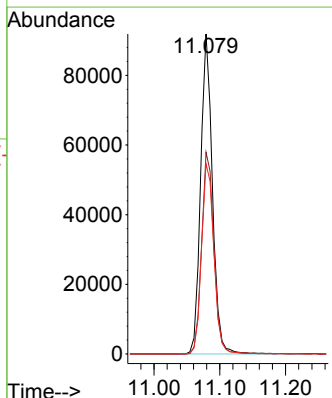
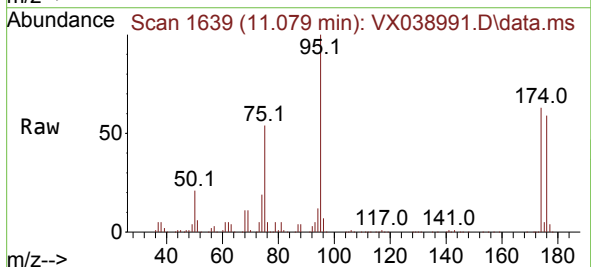
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 98 Resp: 263872  
 Ion Ratio Lower Upper  
 98 100  
 100 63.1 53.1 79.7

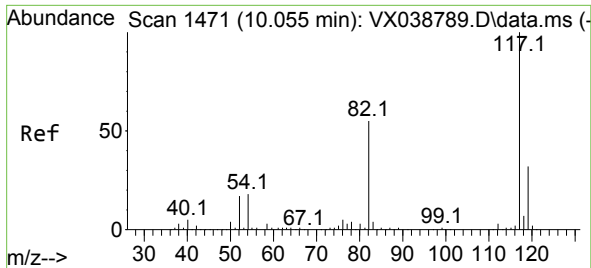


#62  
 4-Bromofluorobenzene  
 Concen: 51.073 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.000 min  
 Lab File: VX038991.D  
 Acq: 21 Nov 2023 17:44

Tgt Ion: 95 Resp: 114616  
 Ion Ratio Lower Upper  
 95 100  
 174 65.5 0.0 135.6  
 176 62.4 0.0 131.0

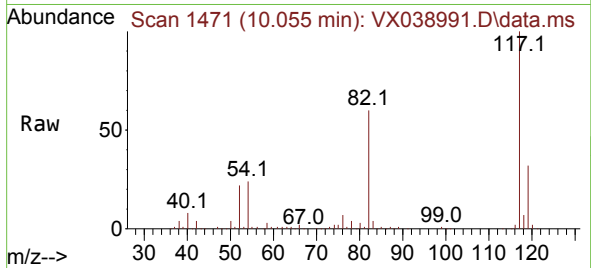




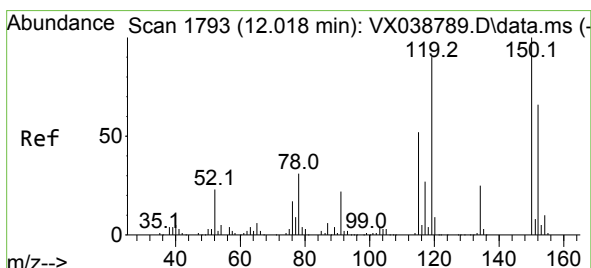
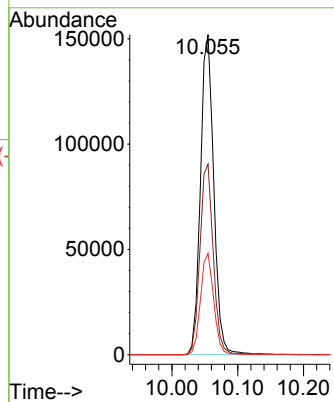
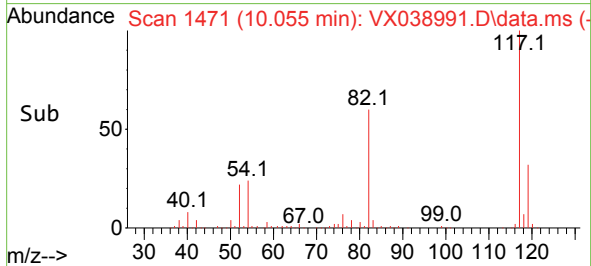


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.055 min Scan# 14  
 Delta R.T. -0.000 min  
 Lab File: VX038991.D  
 Acq: 21 Nov 2023 17:44

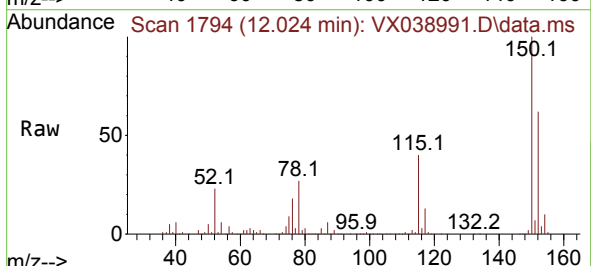
Instrument :  
 MSVOA\_X  
 ClientSampleId :



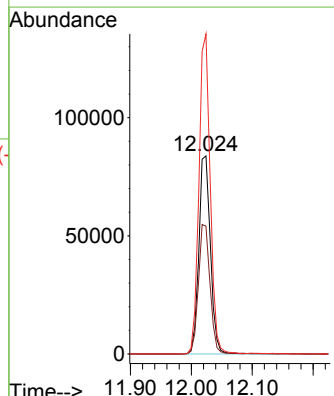
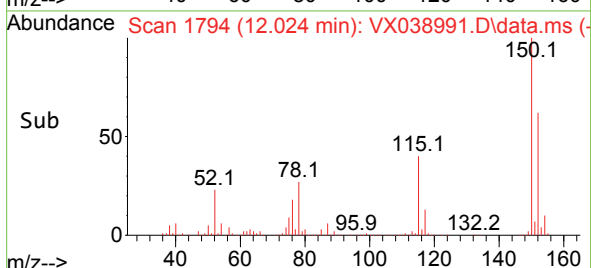
Tgt Ion:117 Resp: 213957  
 Ion Ratio Lower Upper  
 117 100  
 82 59.6 46.2 69.4  
 119 31.7 25.5 38.3

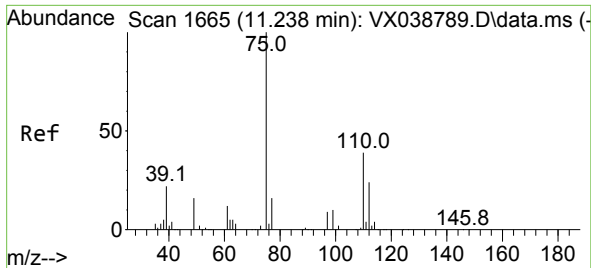


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.006 min  
 Lab File: VX038991.D  
 Acq: 21 Nov 2023 17:44



Tgt Ion:152 Resp: 110430  
 Ion Ratio Lower Upper  
 152 100  
 115 65.4 43.3 129.9  
 150 156.9 0.0 345.0

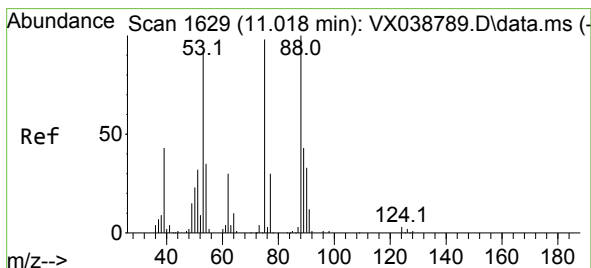
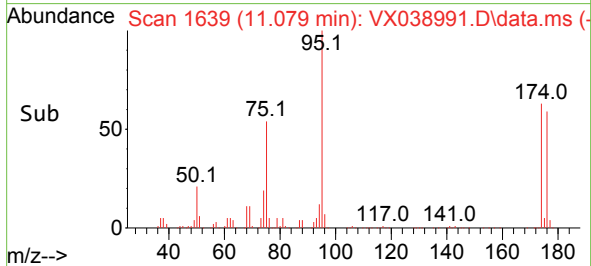
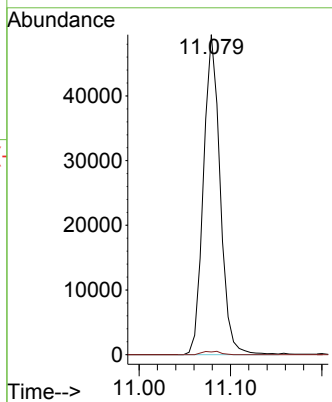
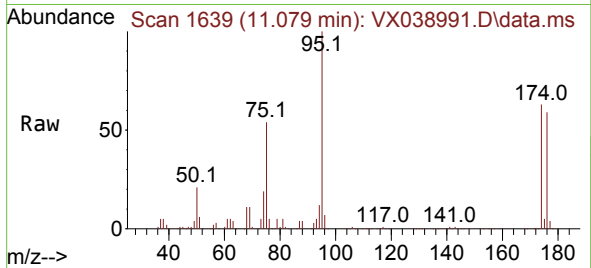




#76  
 1,2,3-Trichloropropane  
 Concen: 22.707 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.159 min  
 Lab File: VX038991.D  
 Acq: 21 Nov 2023 17:44

Instrument : MSVOA\_X  
 ClientSampleId :

Tgt Ion: 75 Resp: 62562  
 Ion Ratio Lower Upper  
 75 100  
 77 1.1 19.1 57.5#



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 50.366 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. 0.061 min  
 Lab File: VX038991.D  
 Acq: 21 Nov 2023 17:44

Tgt Ion: 75 Resp: 62562  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 90.5 135.7#  
 89 0.0 36.9 55.3#

