

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070723\  
 Data File : VX036465.D  
 Acq On : 07 Jul 2023 17:03  
 Operator : JC/MD  
 Sample : 03525-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 33975

Quant Time: Jul 07 23:07:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062323W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 23 15:03:28 2023  
 Response via : Initial Calibration

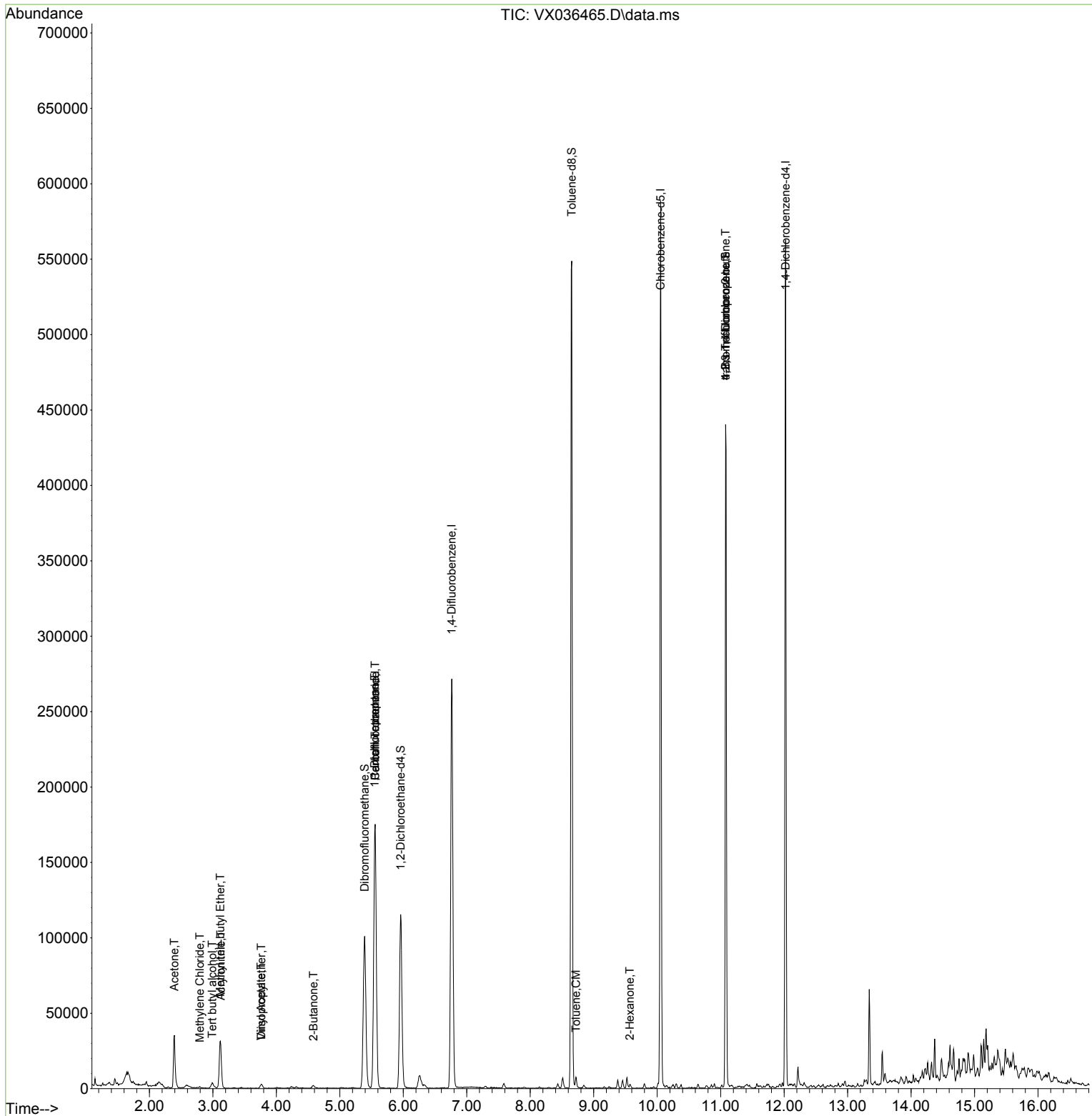
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----						
Internal Standards						
1) Pentafluorobenzene	5.556	168	164158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	276743	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108915	46.286	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.580%
35) Dibromofluoromethane	5.391	113	87058	47.709	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.420%
50) Toluene-d8	8.653	98	337186	49.473	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.940%
62) 4-Bromofluorobenzene	11.079	95	119457	49.760	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.520%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.989	59	5733	13.385	ug/l #	95
15) Acrylonitrile	3.123	53	495	0.456	ug/l #	22
16) Acetone	2.392	43	40103	39.873	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	34894	5.788	ug/l	99
20) Methylene Chloride	2.794	84	480	0.222	ug/l #	72
22) Diisopropyl ether	3.764	45	3331	0.548	ug/l #	62
23) Vinyl Acetate	3.757	43	1832	0.416	ug/l #	73
25) 2-Butanone	4.587	43	3284	2.273	ug/l #	81
36) 1,1-Dichloropropene	5.550	75	12934	4.755	ug/l #	46
38) Carbon Tetrachloride	5.556	117	17054	6.865	ug/l #	16
52) Toluene	8.720	92	2200	0.457	ug/l	81
59) 2-Hexanone	9.567	43	431	0.207	ug/l	80
76) 1,2,3-Trichloropropane	11.079	75	60852	24.698	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	60852	80.511	ug/l #	5

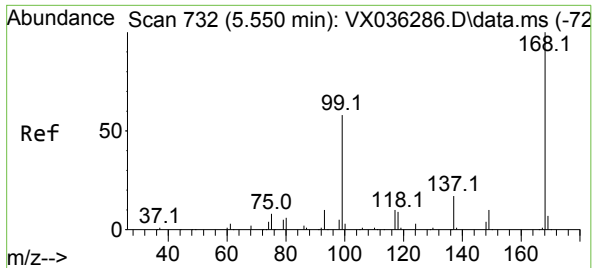
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070723\  
 Data File : VX036465.D  
 Acq On : 07 Jul 2023 17:03  
 Operator : JC/MD  
 Sample : 03525-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 33975

Quant Time: Jul 07 23:07:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062323W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 23 15:03:28 2023  
 Response via : Initial Calibration

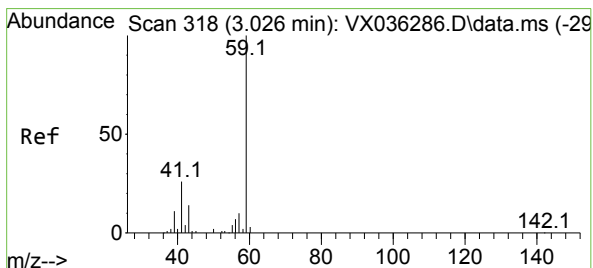
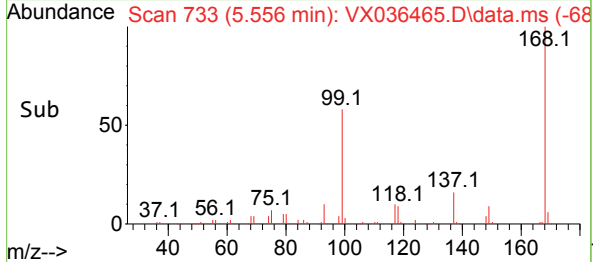
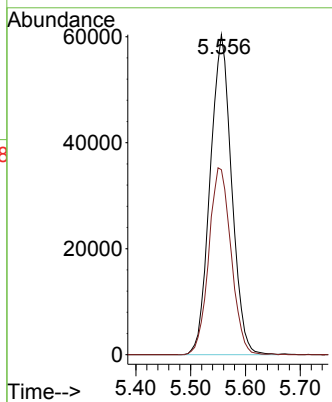
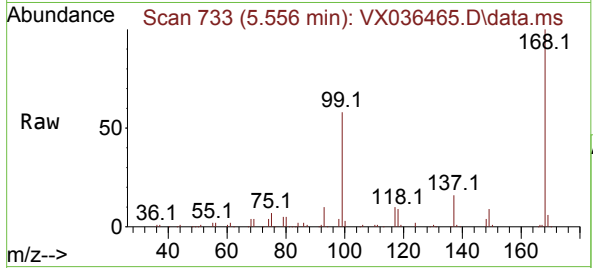




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.556 min Scan# 71  
 Delta R.T. 0.007 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03

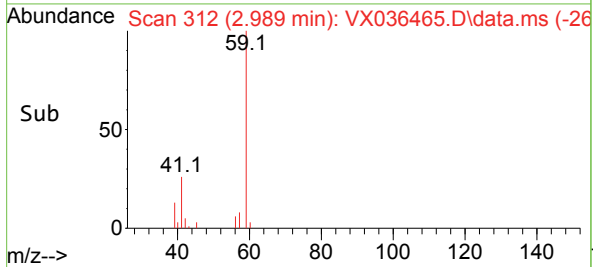
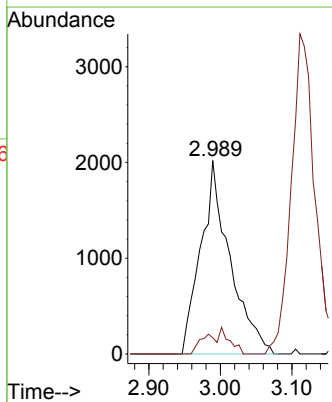
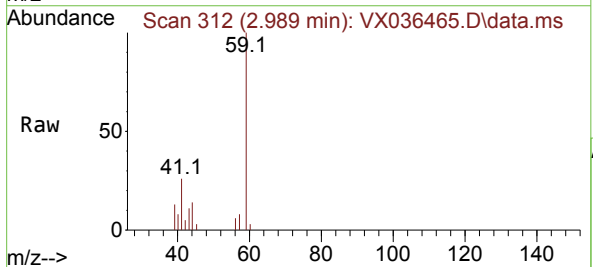
Instrument : MSVOA\_X  
 ClientSampleId : 33975

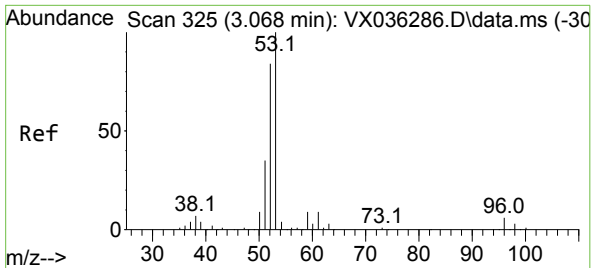
Tgt Ion:168 Resp: 164158  
 Ion Ratio Lower Upper  
 168 100  
 99 57.8 56.6 85.0



#11  
 Tert butyl alcohol  
 Concen: 13.385 ug/l  
 RT: 2.989 min Scan# 312  
 Delta R.T. -0.024 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03

Tgt Ion: 59 Resp: 5733  
 Ion Ratio Lower Upper  
 59 100  
 57 5.7 6.0 9.0#

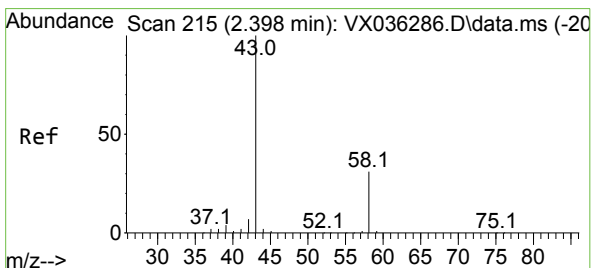
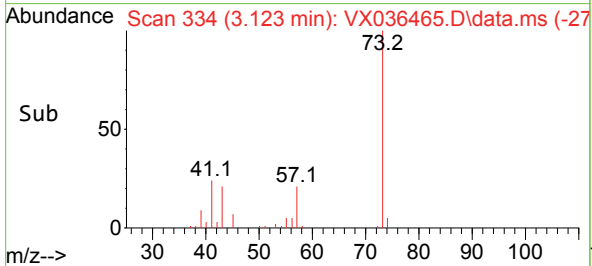
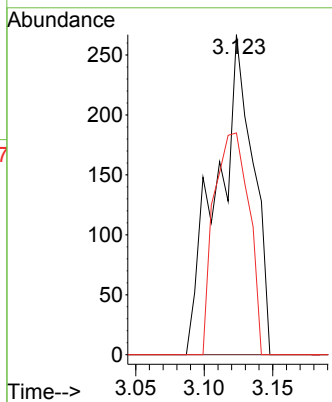
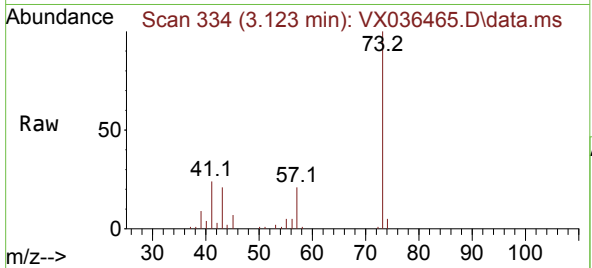




#15  
 Acrylonitrile  
 Concen: 0.456 ug/l  
 RT: 3.123 min Scan# 31  
 Delta R.T. 0.049 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03

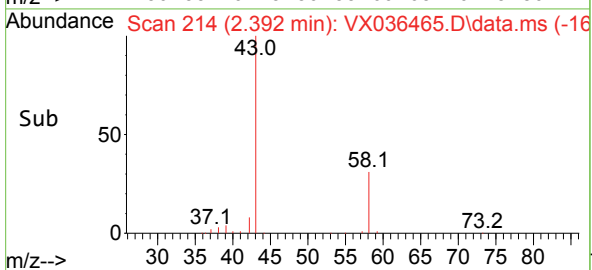
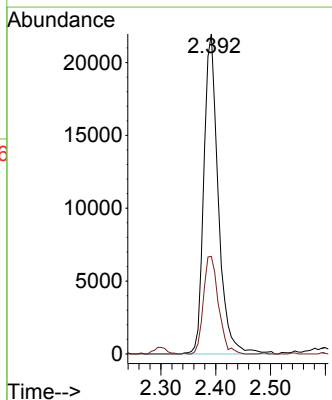
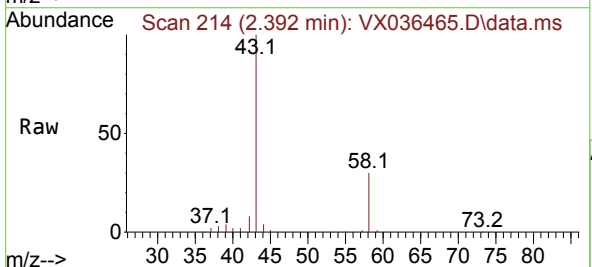
Instrument : MSVOA\_X  
 ClientSampleId : 33975

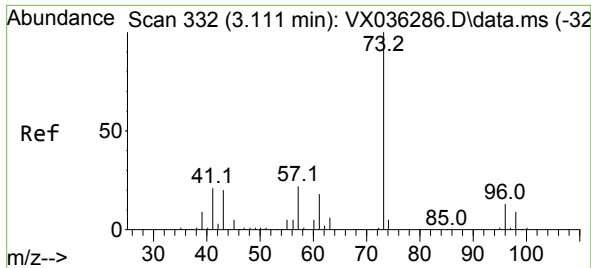
Tgt Ion	Resp	Lower	Upper
53	100		
52	0.0	66.0	99.0#
51	66.1	29.8	44.6#



#16  
 Acetone  
 Concen: 39.873 ug/l  
 RT: 2.392 min Scan# 214  
 Delta R.T. -0.012 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03

Tgt Ion	Resp	Lower	Upper
43	100		
58	30.5	21.9	32.9

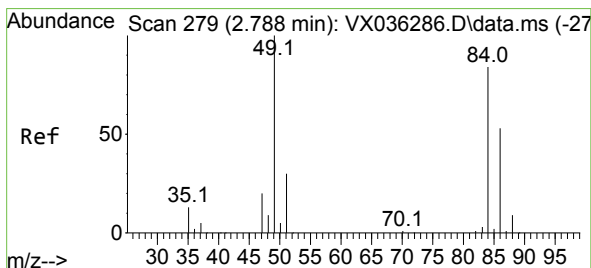
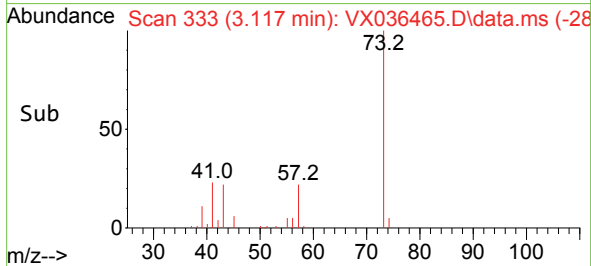
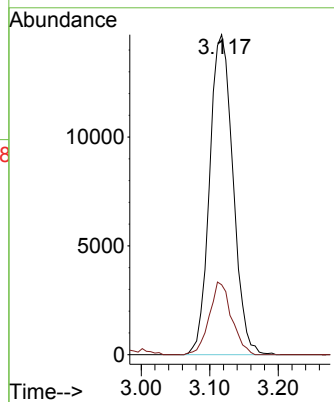
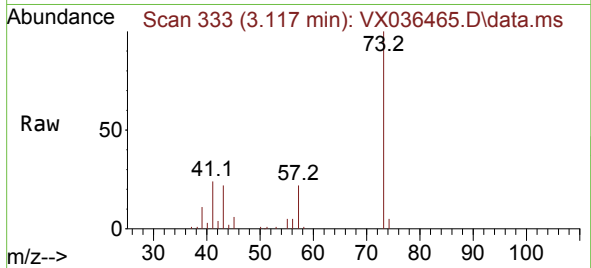




#19  
 Methyl tert-butyl Ether  
 Concen: 5.788 ug/l  
 RT: 3.117 min Scan# 311  
 Delta R.T. 0.006 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03

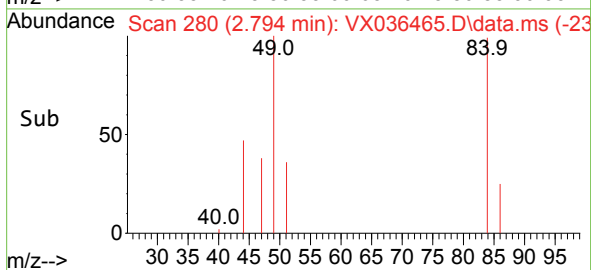
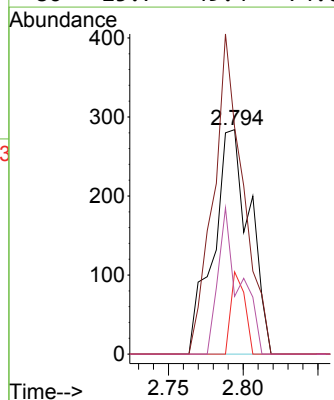
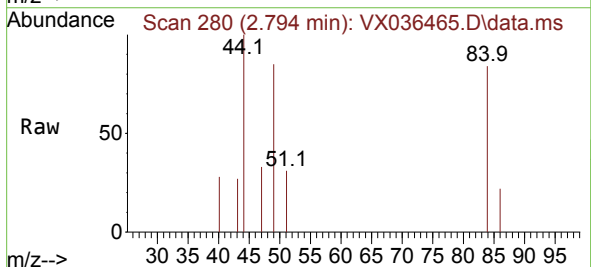
Instrument : MSVOA\_X  
 ClientSampleId : 33975

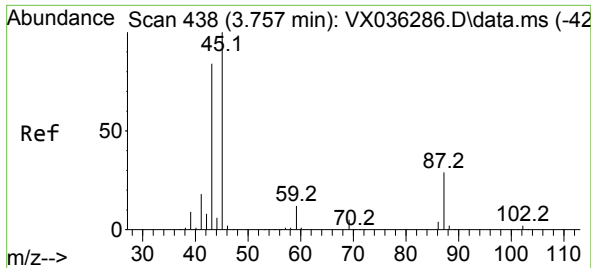
Tgt Ion: 73 Resp: 34894  
 Ion Ratio Lower Upper  
 73 100  
 57 21.9 17.3 25.9



#20  
 Methylene Chloride  
 Concen: 0.222 ug/l  
 RT: 2.794 min Scan# 280  
 Delta R.T. 0.006 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03

Tgt Ion: 84 Resp: 480  
 Ion Ratio Lower Upper  
 84 100  
 49 101.1 103.6 155.4#  
 51 36.6 33.8 50.6  
 86 25.7 49.4 74.0#



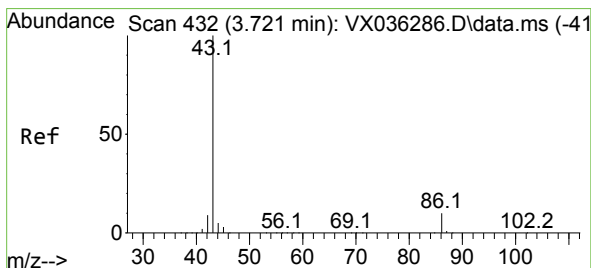
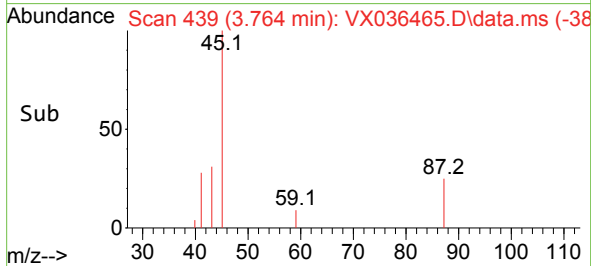
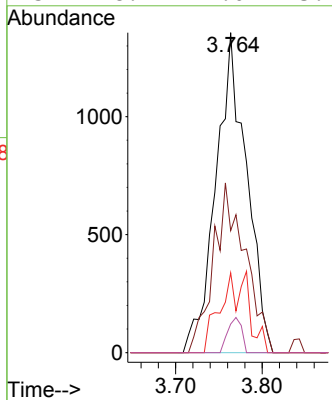
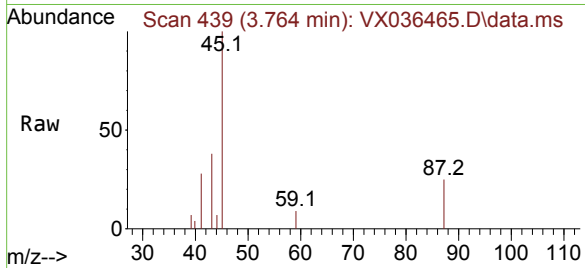


#22  
 Diisopropyl ether  
 Concen: 0.548 ug/l  
 RT: 3.764 min Scan# 41  
 Delta R.T. 0.007 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03

Instrument : MSVOA\_X  
 ClientSampleId : 33975

Tgt Ion: 45 Resp: 3331

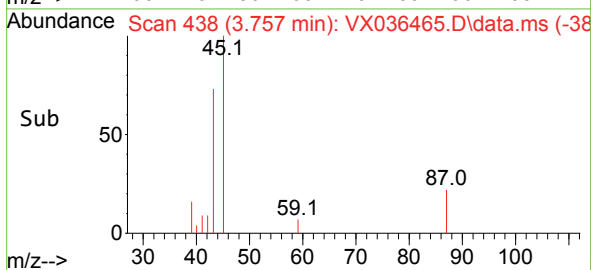
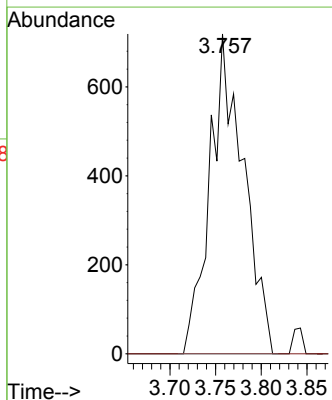
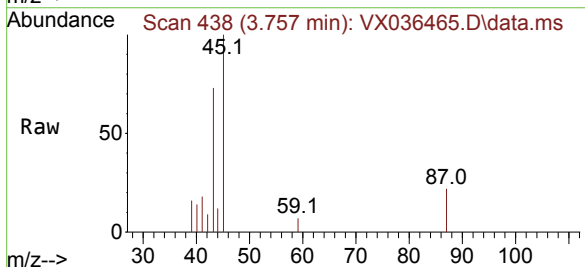
Ion	Ratio	Lower	Upper
45	100		
43	38.1	69.7	104.5#
87	24.9	20.8	31.2
59	8.9	9.0	13.4#

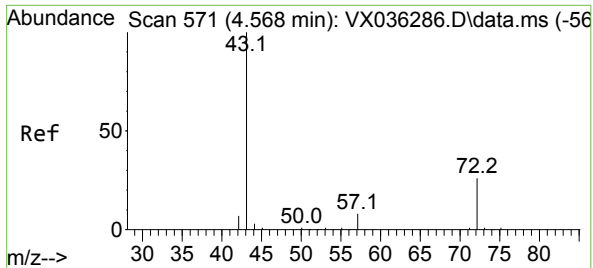


#23  
 Vinyl Acetate  
 Concen: 0.416 ug/l  
 RT: 3.757 min Scan# 438  
 Delta R.T. 0.036 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03

Tgt Ion: 43 Resp: 1832

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.8	11.8#

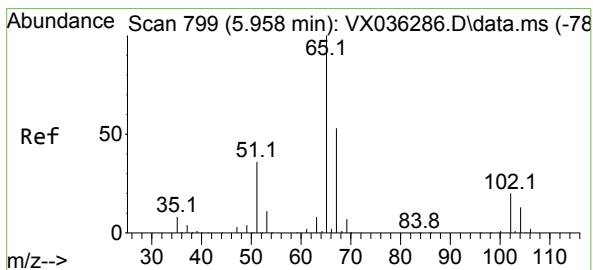
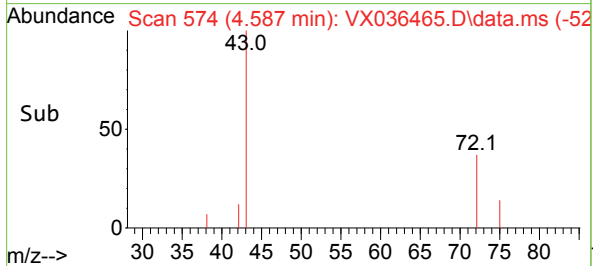
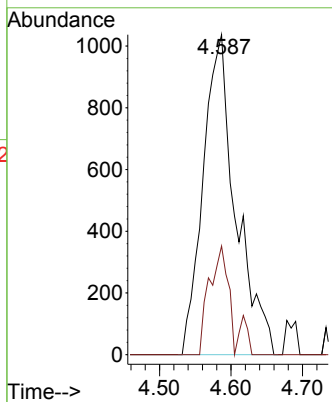
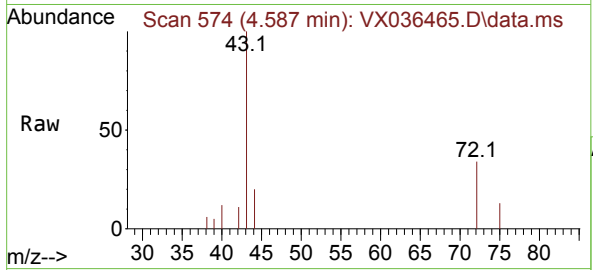




#25  
 2-Butanone  
 Concen: 2.273 ug/l  
 RT: 4.587 min Scan# 51  
 Delta R.T. 0.019 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03

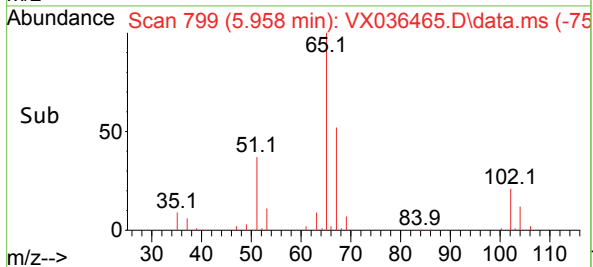
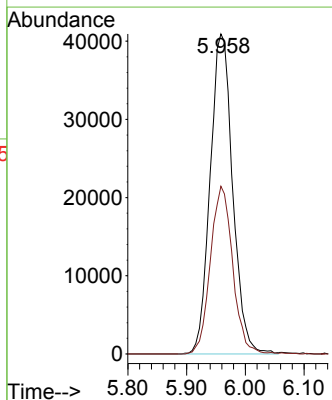
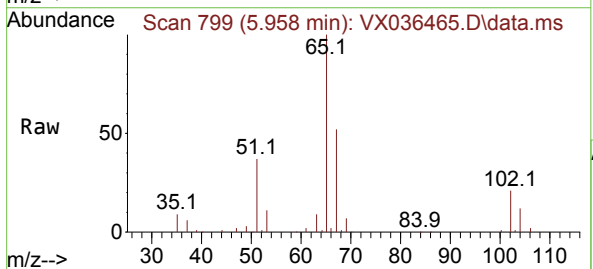
Instrument : MSVOA\_X  
 ClientSampleId : 33975

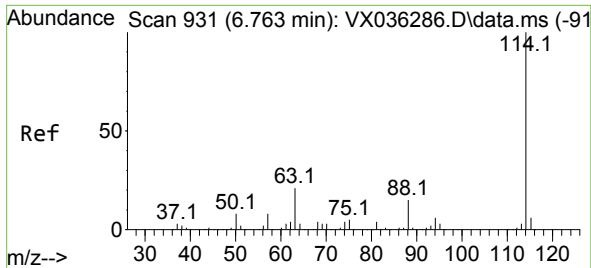
Tgt Ion: 43 Resp: 3284  
 Ion Ratio Lower Upper  
 43 100  
 72 33.9 19.4 29.2#



#33  
 1,2-Dichloroethane-d4  
 Concen: 46.286 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03

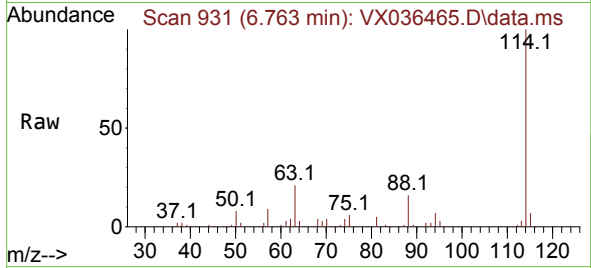
Tgt Ion: 65 Resp: 108915  
 Ion Ratio Lower Upper  
 65 100  
 67 51.9 0.0 100.2



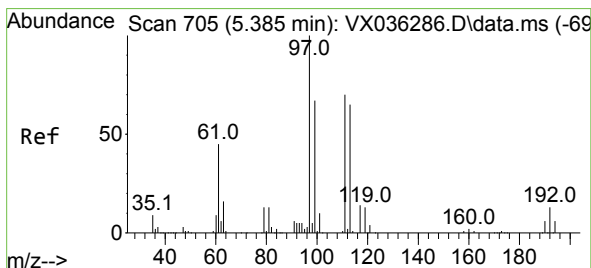
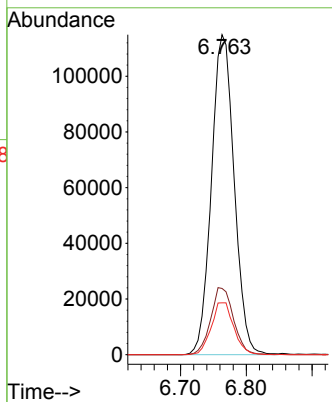
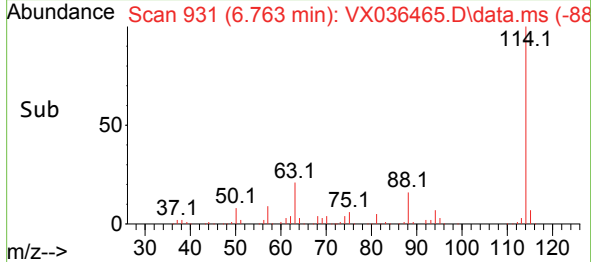


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03

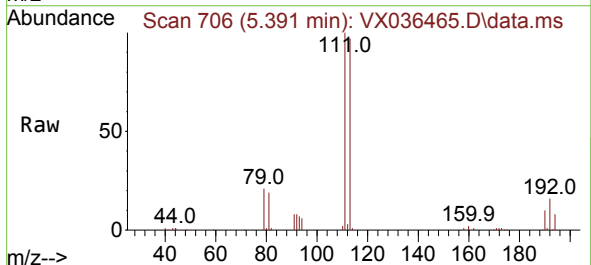
Instrument : MSVOA\_X  
 ClientSampleId : 33975



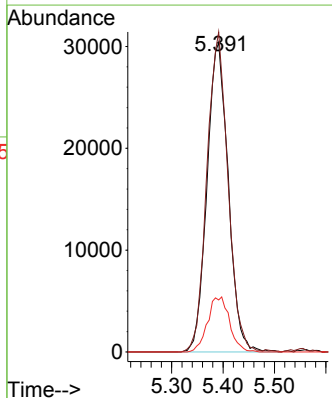
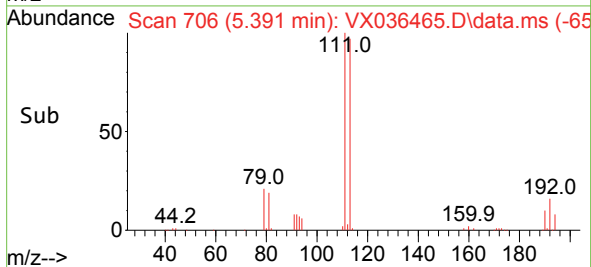
Tgt Ion:114 Resp: 276743  
 Ion Ratio Lower Upper  
 114 100  
 63 20.7 0.0 45.0  
 88 16.2 0.0 36.6



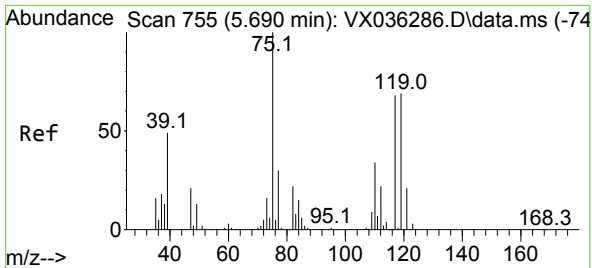
#35  
 Dibromofluoromethane  
 Concen: 47.709 ug/l  
 RT: 5.391 min Scan# 706  
 Delta R.T. 0.006 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03



Tgt Ion:113 Resp: 87058  
 Ion Ratio Lower Upper  
 113 100  
 111 102.3 82.9 124.3  
 192 18.4 13.3 19.9



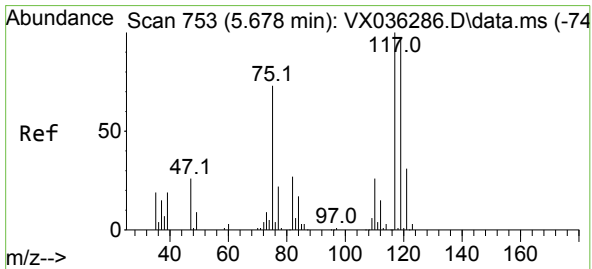
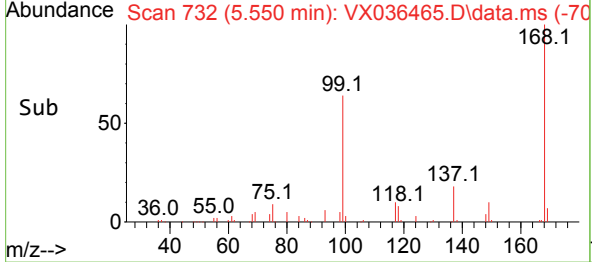
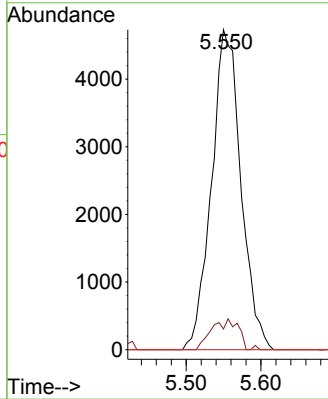
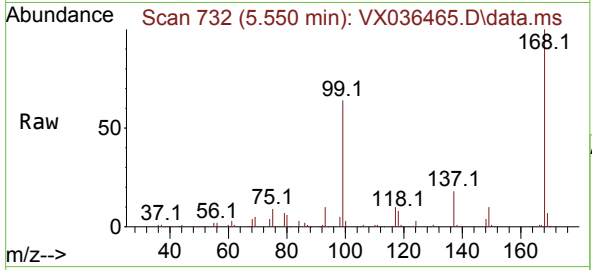




#36  
 1,1-Dichloropropene  
 Concen: 4.755 ug/l  
 RT: 5.550 min Scan# 711  
 Delta R.T. -0.146 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03

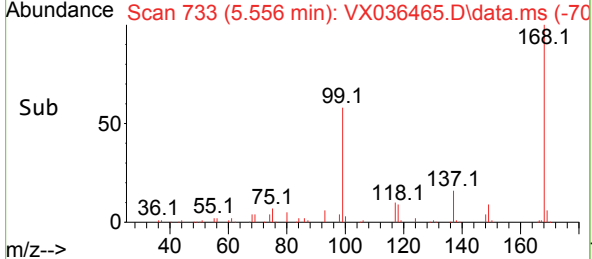
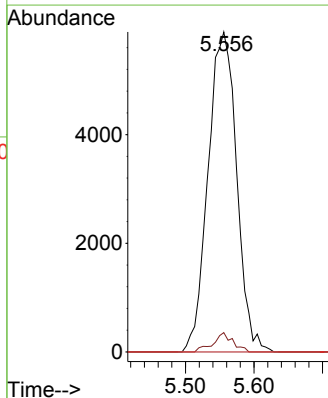
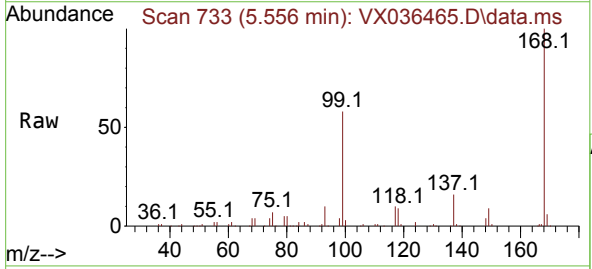
Instrument : MSVOA\_X  
 ClientSampleId : 33975

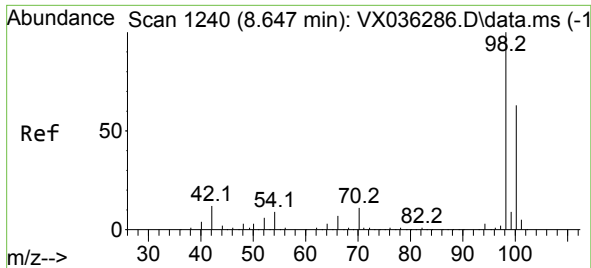
Tgt Ion	Resp	Lower	Upper
75	12934		
75	100		
110	4.6	17.0	50.9#
77	0.0	24.7	37.1#



#38  
 Carbon Tetrachloride  
 Concen: 6.865 ug/l  
 RT: 5.556 min Scan# 733  
 Delta R.T. -0.122 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03

Tgt Ion	Resp	Lower	Upper
117	17054		
117	100		
119	6.0	78.2	117.2#
121	0.0	24.4	36.6#

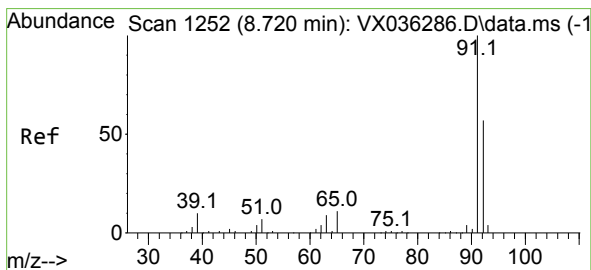
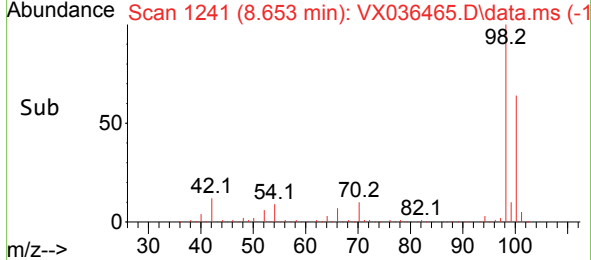
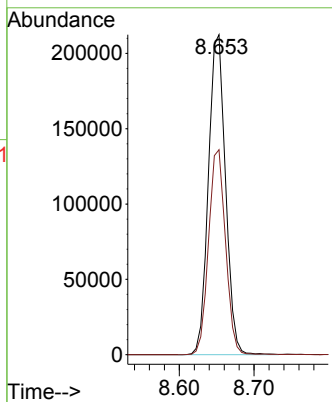
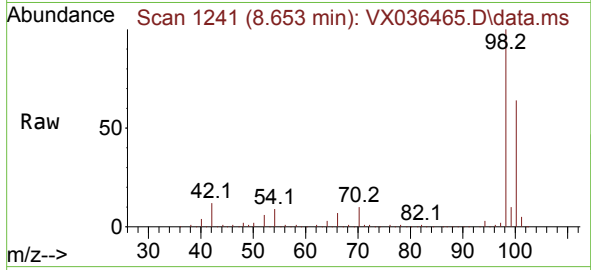




#50  
 Toluene-d8  
 Concen: 49.473 ug/l  
 RT: 8.653 min Scan# 11  
 Delta R.T. 0.007 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03

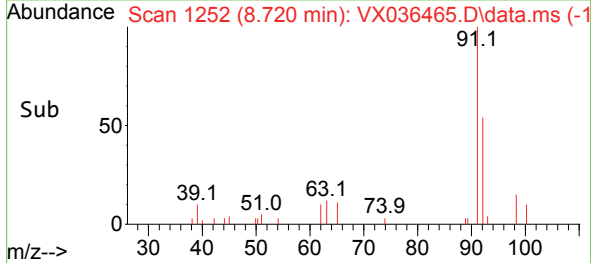
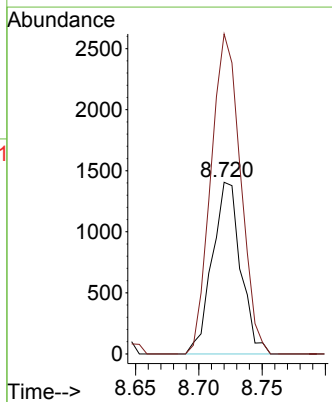
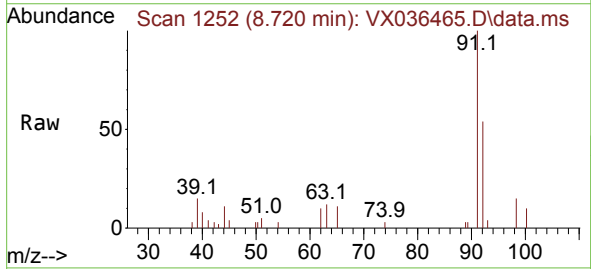
Instrument : MSVOA\_X  
 ClientSampleId : 33975

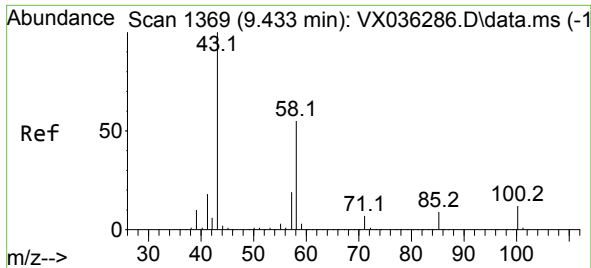
Tgt Ion: 98 Resp: 337186  
 Ion Ratio Lower Upper  
 98 100  
 100 63.8 53.1 79.7



#52  
 Toluene  
 Concen: 0.457 ug/l  
 RT: 8.720 min Scan# 1252  
 Delta R.T. 0.000 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03

Tgt Ion: 92 Resp: 2200  
 Ion Ratio Lower Upper  
 92 100  
 91 193.9 134.2 201.2

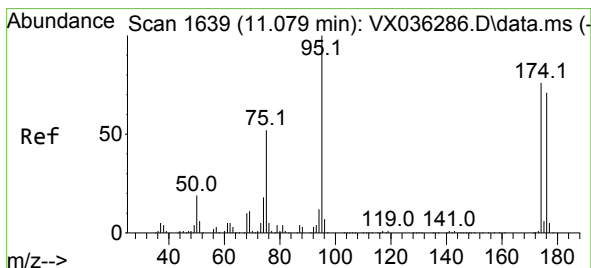
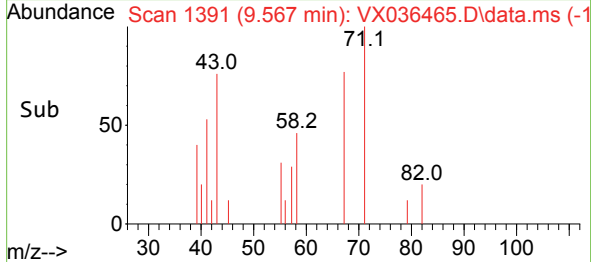
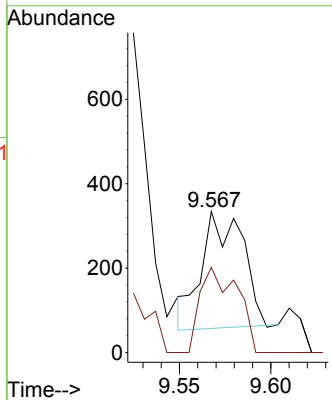
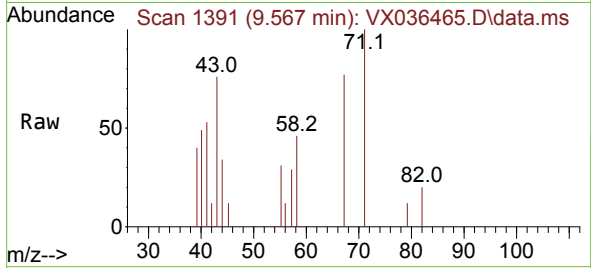




#59  
 2-Hexanone  
 Concen: 0.207 ug/l  
 RT: 9.567 min Scan# 11  
 Delta R.T. 0.134 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03

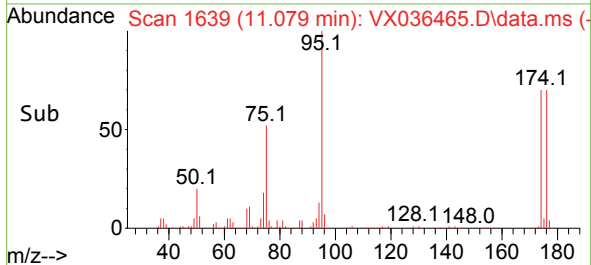
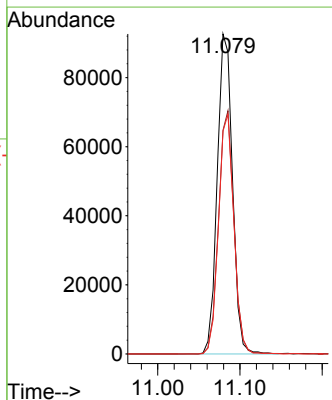
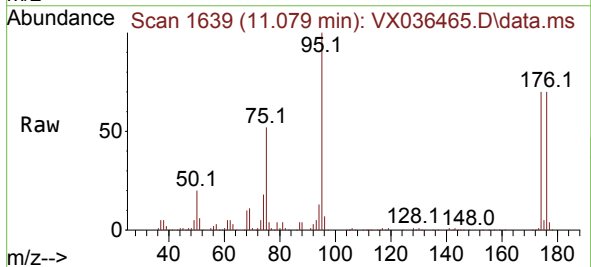
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 33975

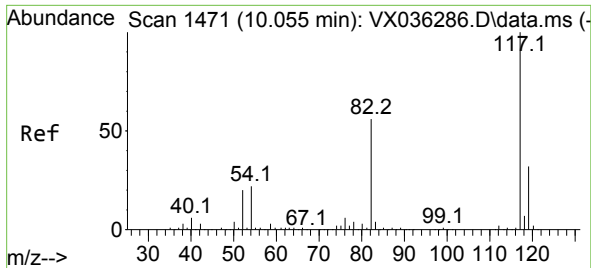
Tgt Ion: 43 Resp: 431  
 Ion Ratio Lower Upper  
 43 100  
 58 66.6 26.2 78.5



#62  
 4-Bromofluorobenzene  
 Concen: 49.760 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. 0.000 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03

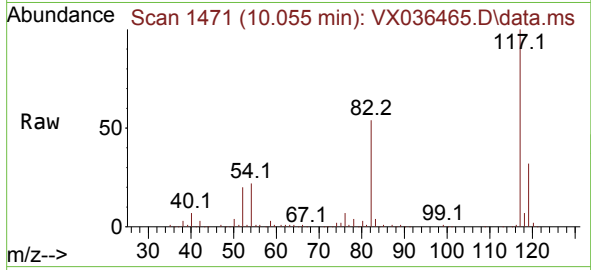
Tgt Ion: 95 Resp: 119457  
 Ion Ratio Lower Upper  
 95 100  
 174 76.6 0.0 135.6  
 176 75.2 0.0 131.0



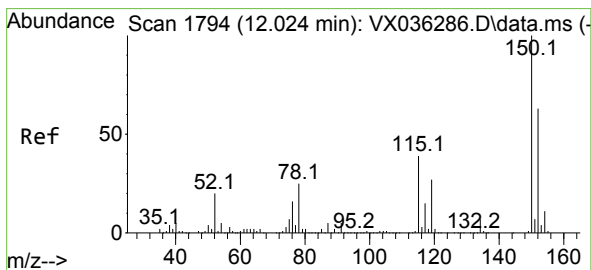
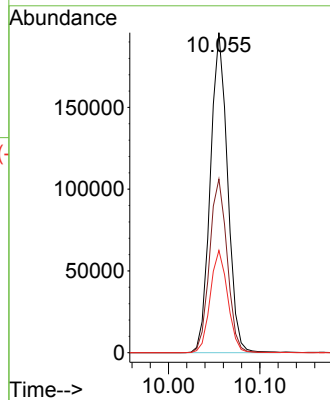
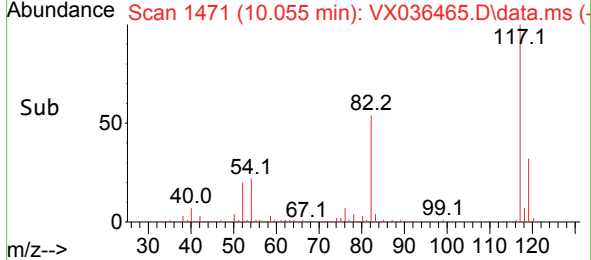


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.055 min Scan# 14  
 Delta R.T. 0.000 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03

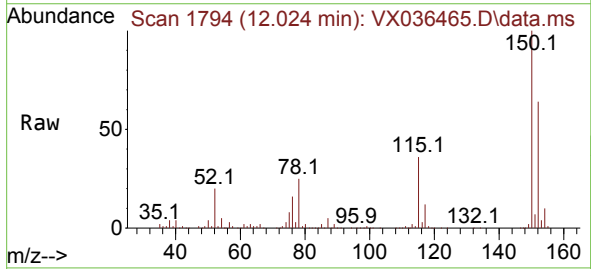
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 33975



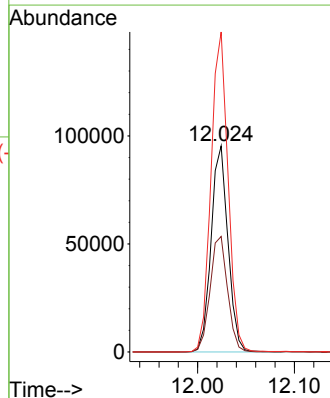
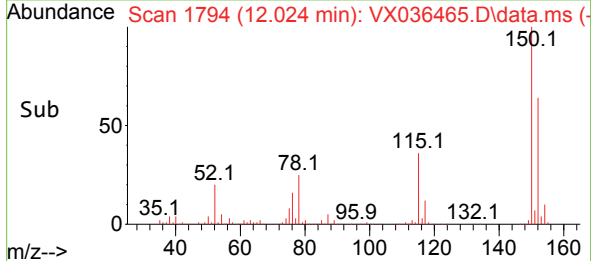
Tgt Ion:117 Resp: 255616  
 Ion Ratio Lower Upper  
 117 100  
 82 54.3 46.2 69.4  
 119 31.9 25.5 38.3

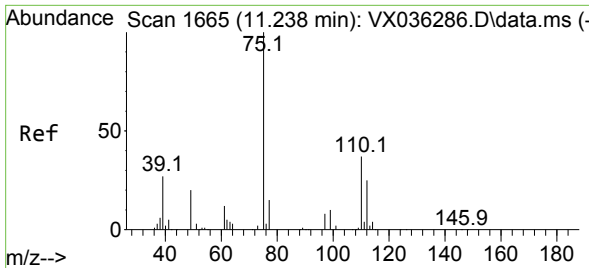


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03



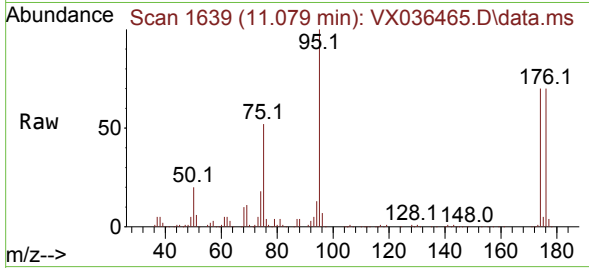
Tgt Ion:152 Resp: 115507  
 Ion Ratio Lower Upper  
 152 100  
 115 58.2 43.3 129.9  
 150 156.9 0.0 345.0



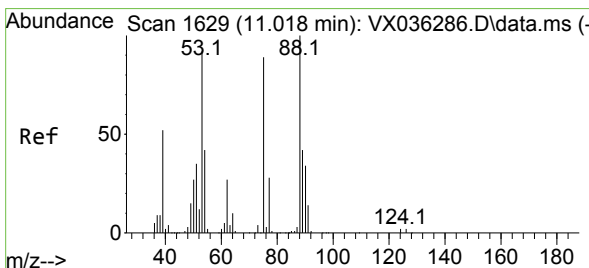
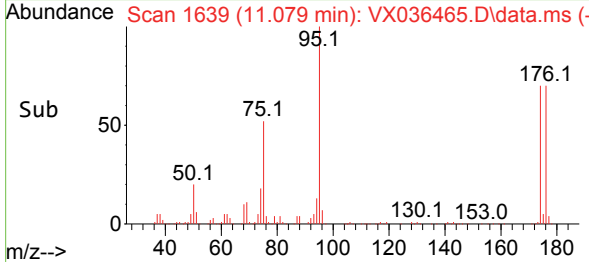
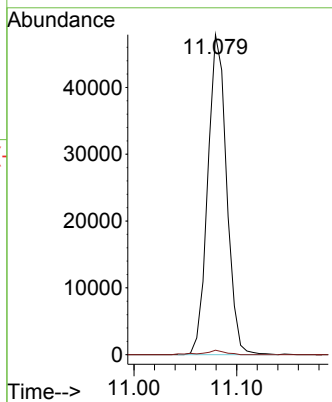


#76  
 1,2,3-Trichloropropane  
 Concen: 24.698 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.159 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03

Instrument : MSVOA\_X  
 ClientSampleId : 33975



Tgt Ion: 75 Resp: 60852  
 Ion Ratio Lower Upper  
 75 100  
 77 1.6 19.1 57.5#



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 80.511 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. 0.061 min  
 Lab File: VX036465.D  
 Acq: 07 Jul 2023 17:03

Tgt Ion: 75 Resp: 60852  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 90.5 135.7#  
 89 0.0 36.9 55.3#

