

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111323\  
 Data File : VX038781.D  
 Acq On : 13 Nov 2023 15:07  
 Operator : JC/MD  
 Sample : 05358-03DL 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 14 05:32:18 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110723W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 08 03:19:07 2023  
 Response via : Initial Calibration

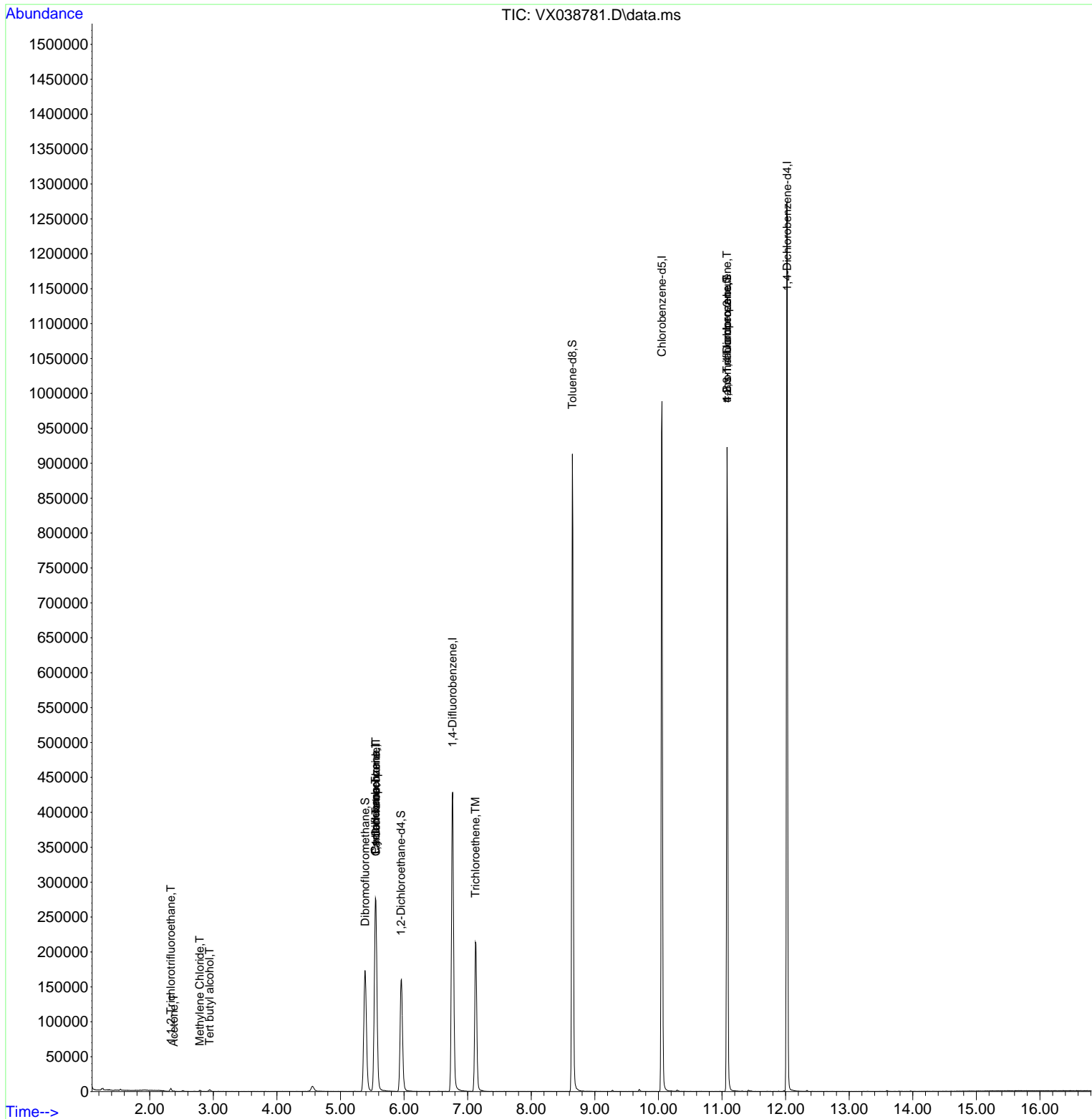
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----						
Internal Standards						
1) Pentafluorobenzene	5.550	168	292579	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	486585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	511058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	300204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161140	44.239	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.480%
35) Dibromofluoromethane	5.385	113	156310	44.602	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.200%
50) Toluene-d8	8.647	98	580363	46.279	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.560%
62) 4-Bromofluorobenzene	11.079	95	252701	51.973	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.940%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	1530	0.537	ug/l	93
11) Tert butyl alcohol	2.941	59	1666	2.237	ug/l	# 78
16) Acetone	2.380	43	590	0.385	ug/l	97
20) Methylene Chloride	2.788	84	1012	0.327	ug/l	# 67
31) Cyclohexane	5.550	56	4445	1.103	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	19080	4.383	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	27132	5.575	ug/l	# 15
44) Trichloroethene	7.123	130	93022	23.844	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	118417	19.917	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	118417	60.900	ug/l	# 5
-----						

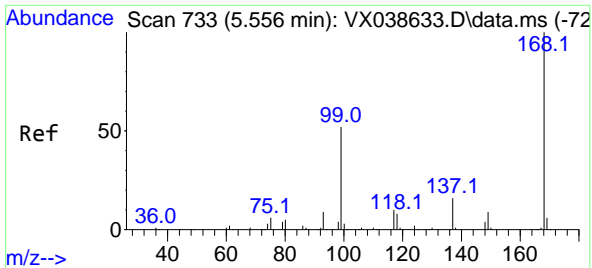
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111323\  
 Data File : VX038781.D  
 Acq On : 13 Nov 2023 15:07  
 Operator : JC/MD  
 Sample : 05358-03DL 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

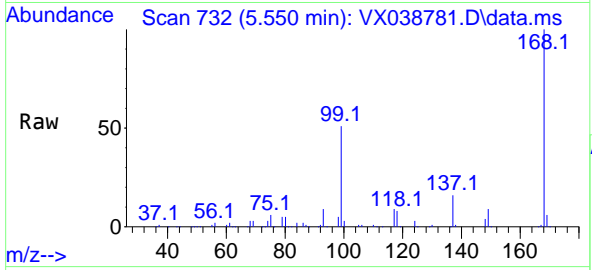
Quant Time: Nov 14 05:32:18 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110723W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 08 03:19:07 2023  
 Response via : Initial Calibration



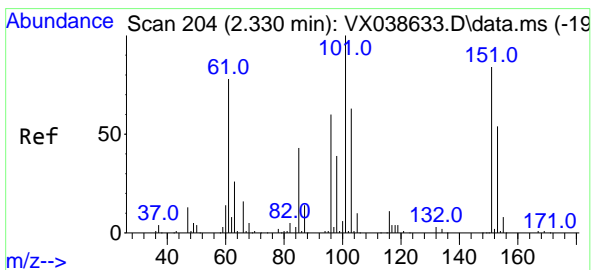
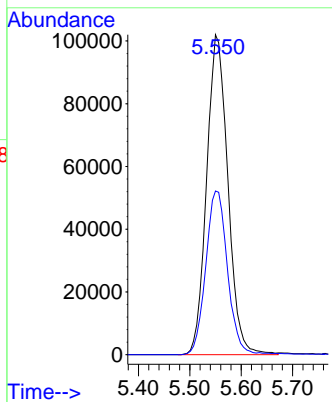
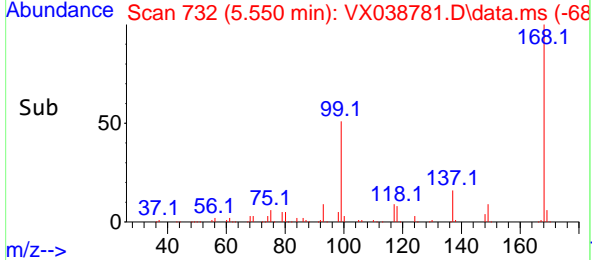


#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.550 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: VX038781.D  
 Acq: 13 Nov 2023 15:07

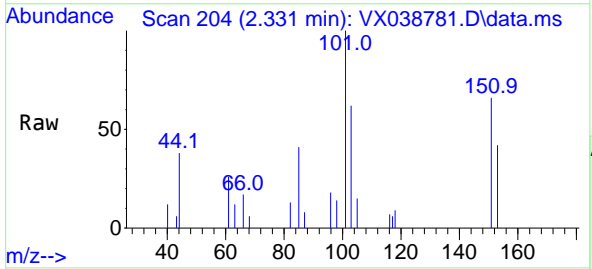
Instrument :  
 MSVOA\_X  
 ClientSampleId :



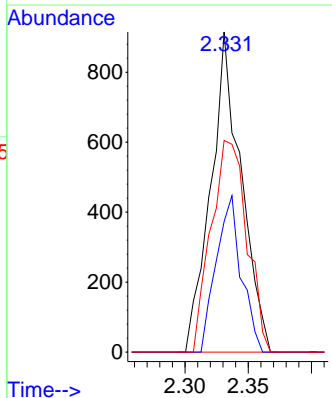
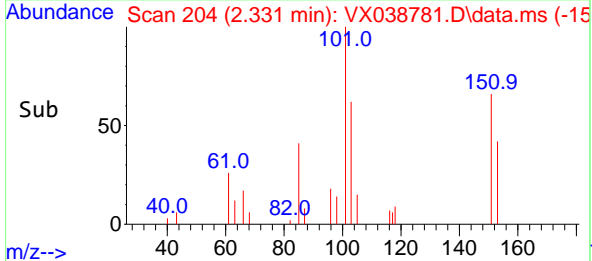
Tgt Ion:168 Resp: 292579  
 Ion Ratio Lower Upper  
 168 100  
 99 51.2 56.6 85.0#

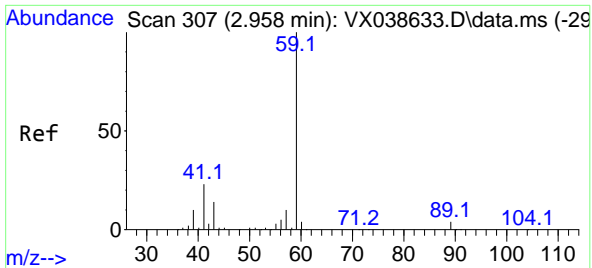


#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 0.537 ug/l  
 RT: 2.331 min Scan# 204  
 Delta R.T. 0.000 min  
 Lab File: VX038781.D  
 Acq: 13 Nov 2023 15:07



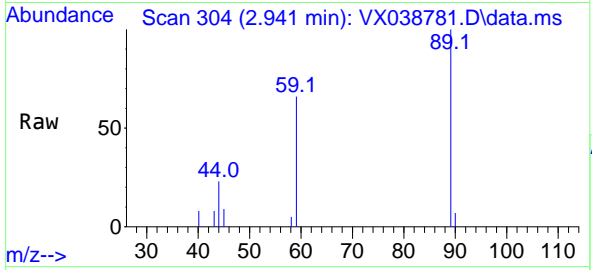
Tgt Ion:101 Resp: 1530  
 Ion Ratio Lower Upper  
 101 100  
 85 40.2 37.0 55.6  
 151 77.7 58.6 87.8



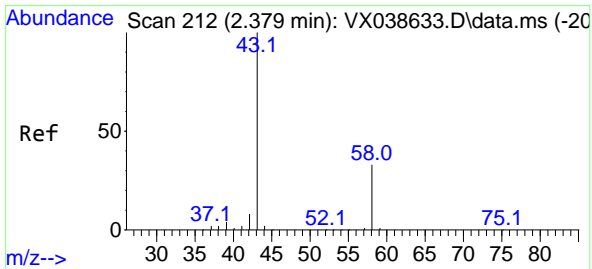
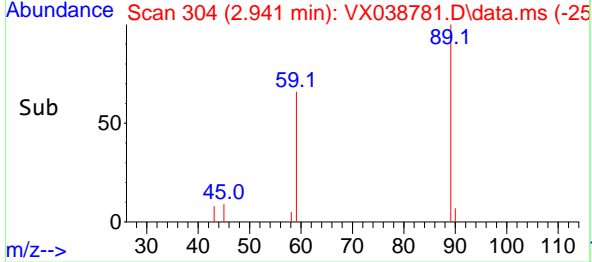
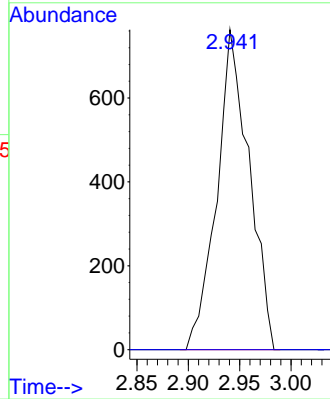


#11  
 Tert butyl alcohol  
 Concen: 2.237 ug/l  
 RT: 2.941 min Scan# 307  
 Delta R.T. -0.018 min  
 Lab File: VX038781.D  
 Acq: 13 Nov 2023 15:07

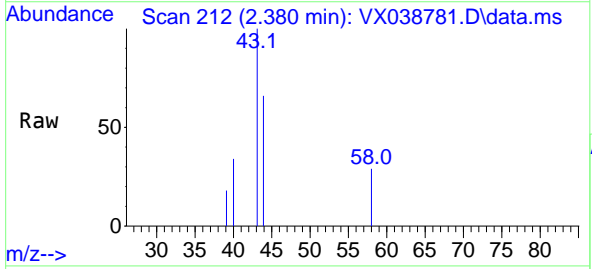
Instrument : MSVOA\_X  
 ClientSampleId :



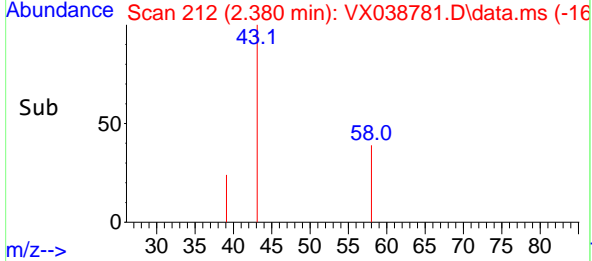
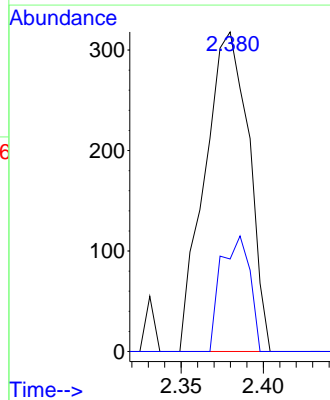
Tgt Ion: 59 Resp: 1666  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 6.0 9.0#

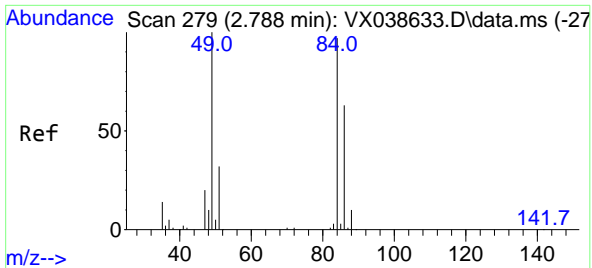


#16  
 Acetone  
 Concen: 0.385 ug/l  
 RT: 2.380 min Scan# 212  
 Delta R.T. 0.000 min  
 Lab File: VX038781.D  
 Acq: 13 Nov 2023 15:07



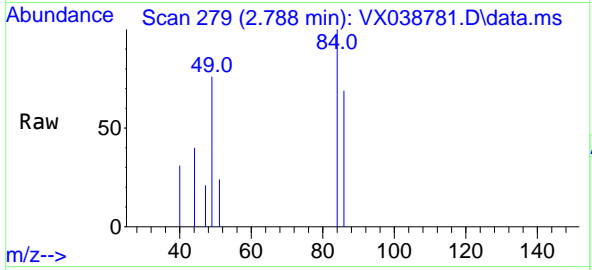
Tgt Ion: 43 Resp: 590  
 Ion Ratio Lower Upper  
 43 100  
 58 28.9 21.9 32.9





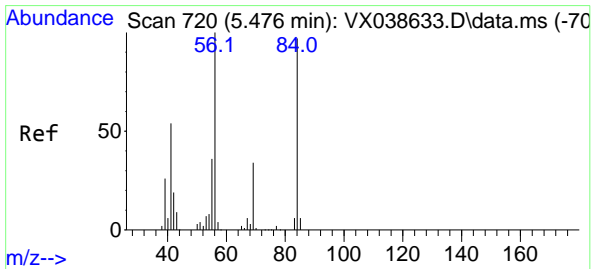
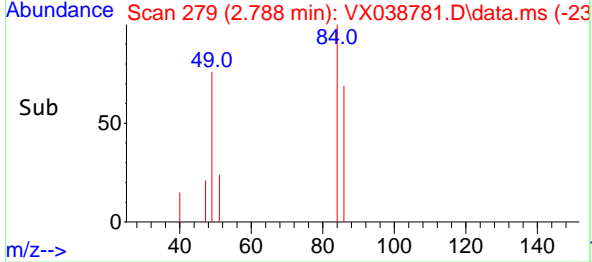
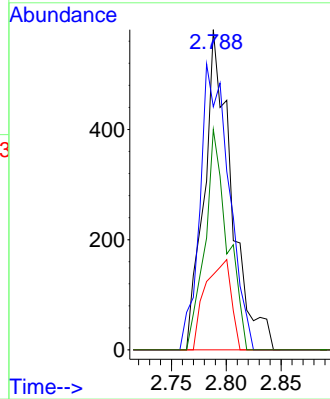
#20  
 Methylene Chloride  
 Concen: 0.327 ug/l  
 RT: 2.788 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VX038781.D  
 Acq: 13 Nov 2023 15:07

Instrument : MSVOA\_X  
 ClientSampleId :



Tgt Ion: 84 Resp: 1012

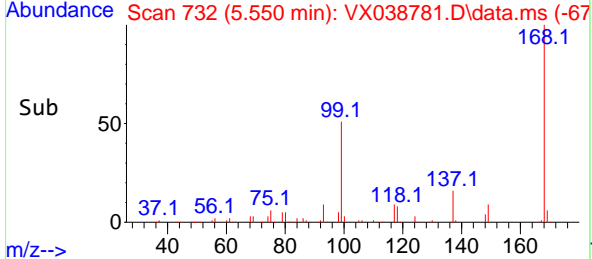
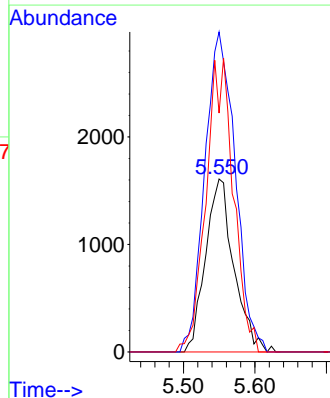
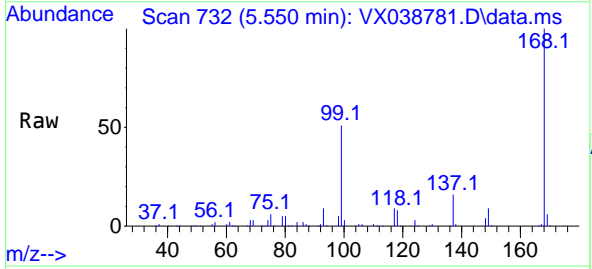
Ion	Ratio	Lower	Upper
84	100		
49	75.9	103.6	155.4#
51	23.6	33.8	50.6#
86	68.8	49.4	74.0

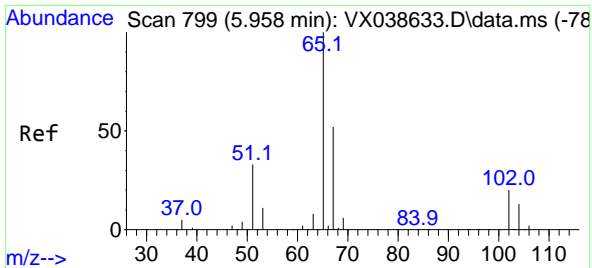


#31  
 Cyclohexane  
 Concen: 1.103 ug/l  
 RT: 5.550 min Scan# 732  
 Delta R.T. 0.074 min  
 Lab File: VX038781.D  
 Acq: 13 Nov 2023 15:07

Tgt Ion: 56 Resp: 4445

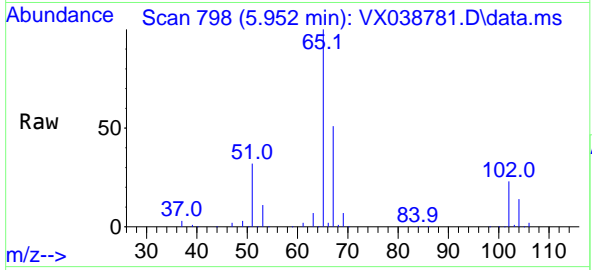
Ion	Ratio	Lower	Upper
56	100		
69	185.0	23.4	35.2#
84	138.1	65.9	98.9#



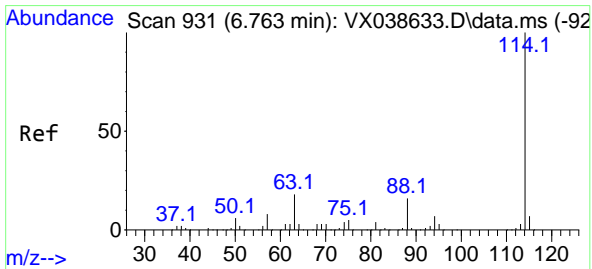
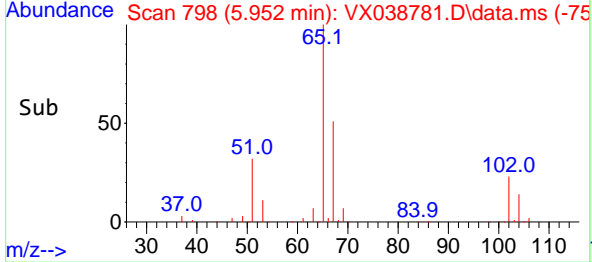
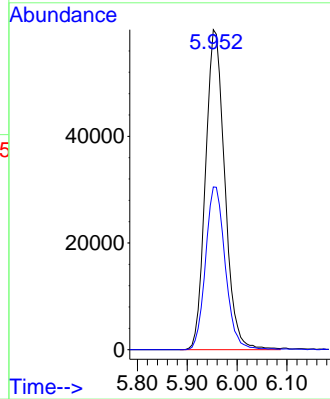


#33  
 1,2-Dichloroethane-d4  
 Concen: 44.239 ug/l  
 RT: 5.952 min Scan# 799  
 Delta R.T. -0.006 min  
 Lab File: VX038781.D  
 Acq: 13 Nov 2023 15:07

Instrument : MSVOA\_X  
 ClientSampleId :

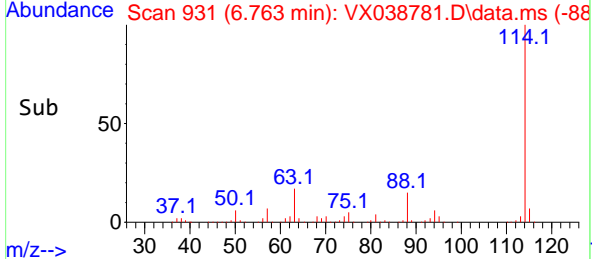
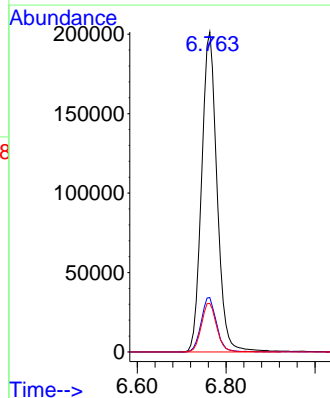
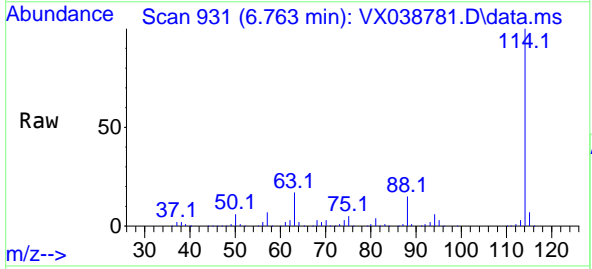


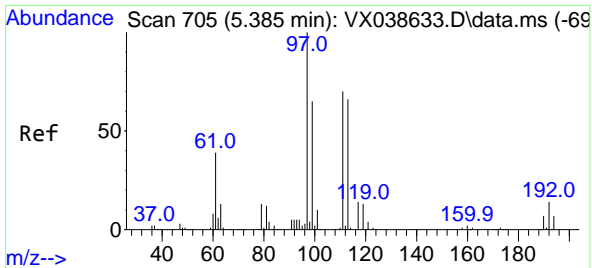
Tgt Ion: 65 Resp: 161140  
 Ion Ratio Lower Upper  
 65 100  
 67 52.0 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.000 min  
 Lab File: VX038781.D  
 Acq: 13 Nov 2023 15:07

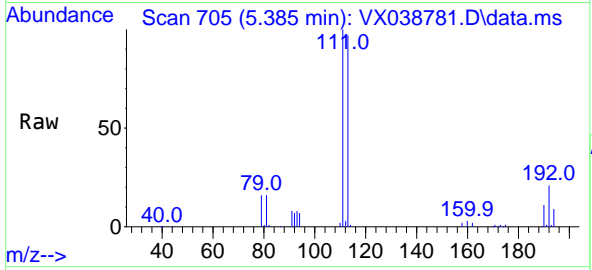
Tgt Ion: 114 Resp: 486585  
 Ion Ratio Lower Upper  
 114 100  
 63 17.0 0.0 45.0  
 88 15.1 0.0 36.6



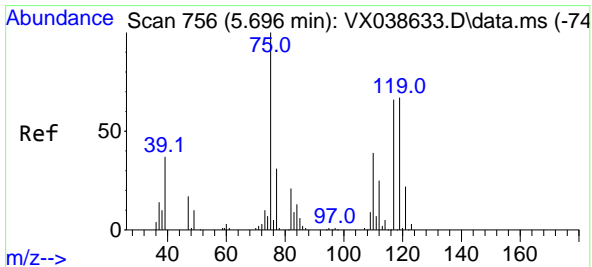
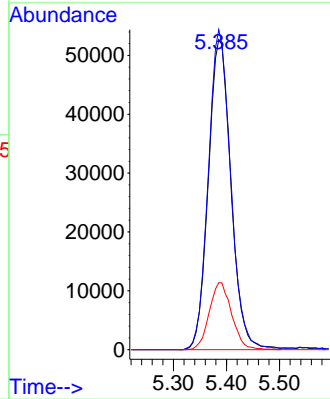
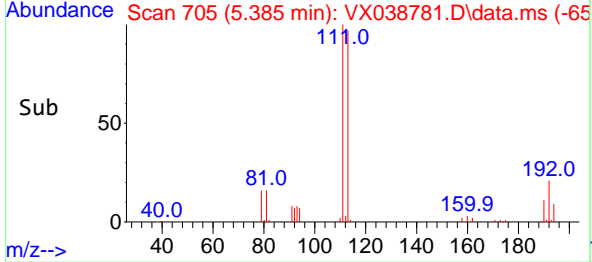


#35  
 Dibromofluoromethane  
 Concen: 44.602 ug/l  
 RT: 5.385 min Scan# 705  
 Delta R.T. 0.000 min  
 Lab File: VX038781.D  
 Acq: 13 Nov 2023 15:07

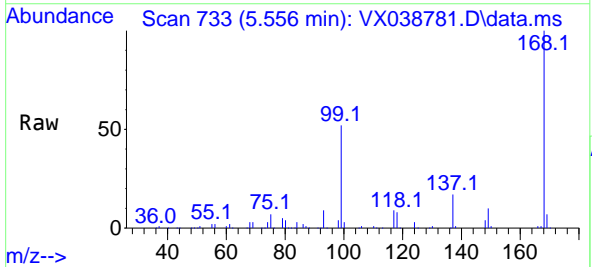
Instrument : MSVOA\_X  
 ClientSampleId :



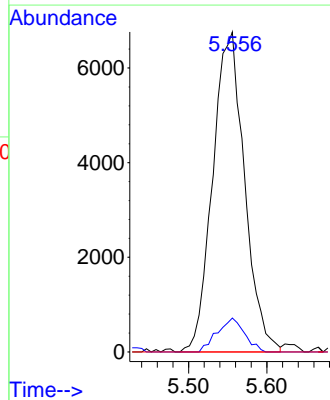
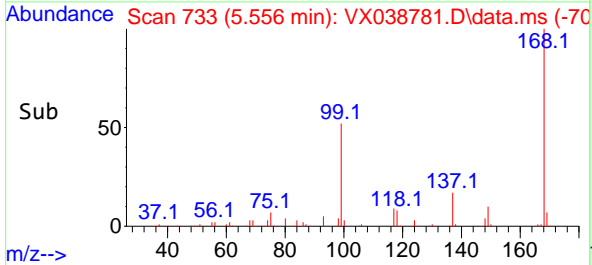
Tgt Ion:113 Resp: 156310  
 Ion Ratio Lower Upper  
 113 100  
 111 102.2 82.9 124.3  
 192 21.4 13.3 19.9#

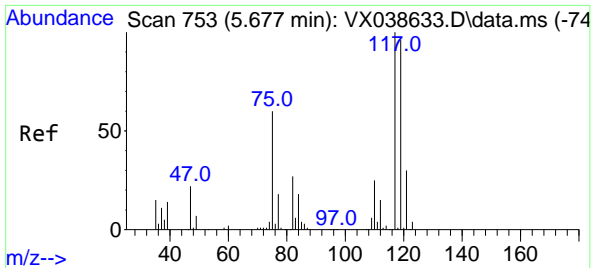


#36  
 1,1-Dichloropropene  
 Concen: 4.383 ug/l  
 RT: 5.556 min Scan# 733  
 Delta R.T. -0.140 min  
 Lab File: VX038781.D  
 Acq: 13 Nov 2023 15:07



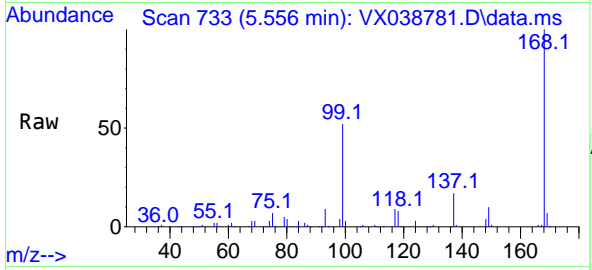
Tgt Ion: 75 Resp: 19080  
 Ion Ratio Lower Upper  
 75 100  
 110 9.1 17.0 50.9#  
 77 0.0 24.7 37.1#



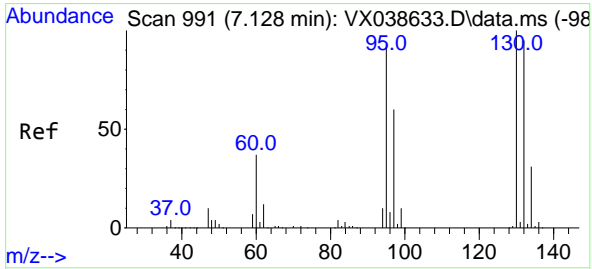
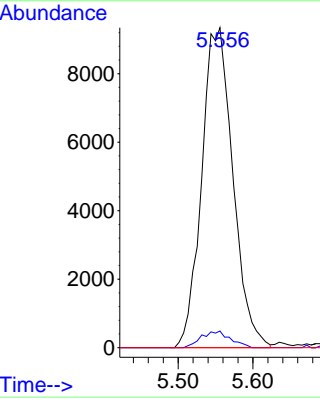
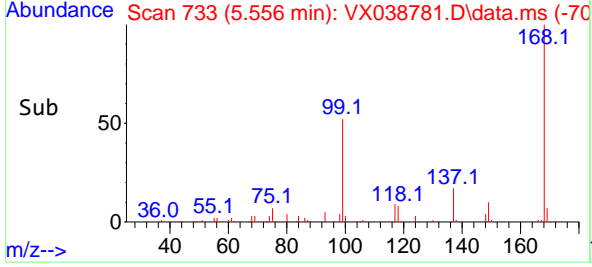


#38  
 Carbon Tetrachloride  
 Concen: 5.575 ug/l  
 RT: 5.556 min Scan# 711  
 Delta R.T. -0.121 min  
 Lab File: VX038781.D  
 Acq: 13 Nov 2023 15:07

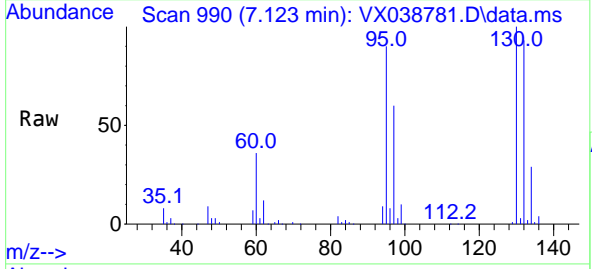
Instrument : MSVOA\_X  
 ClientSampleId :



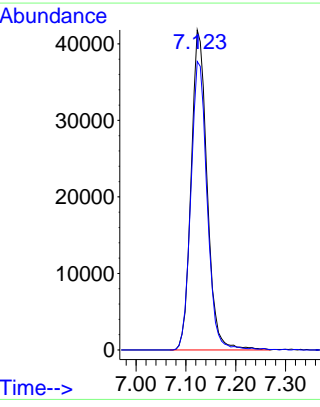
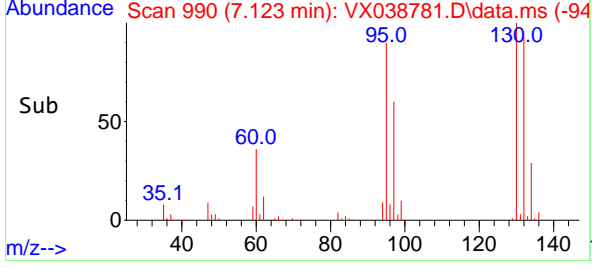
Tgt Ion:117 Resp: 27132  
 Ion Ratio Lower Upper  
 117 100  
 119 5.2 78.2 117.2#  
 121 0.0 24.4 36.6#



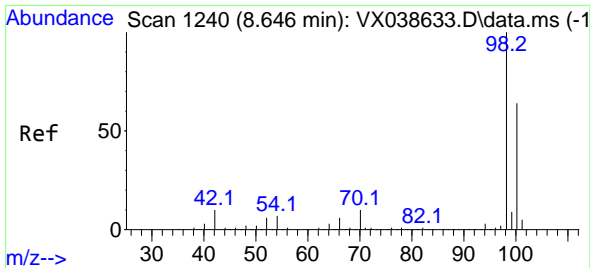
#44  
 Trichloroethene  
 Concen: 23.844 ug/l  
 RT: 7.123 min Scan# 990  
 Delta R.T. -0.006 min  
 Lab File: VX038781.D  
 Acq: 13 Nov 2023 15:07



Tgt Ion:130 Resp: 93022  
 Ion Ratio Lower Upper  
 130 100  
 95 90.2 0.0 204.4

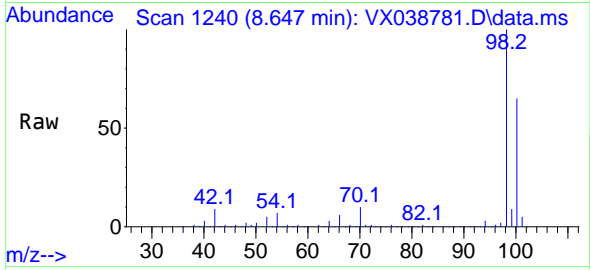




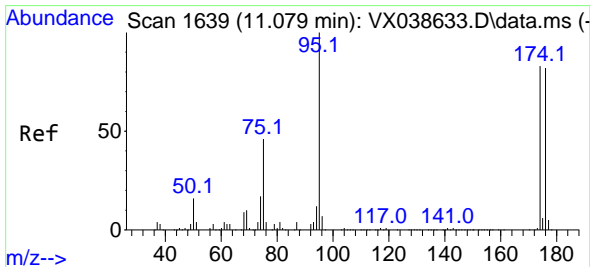
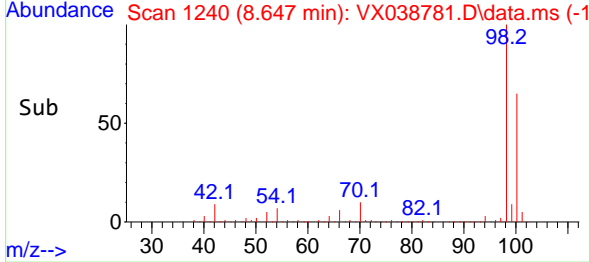
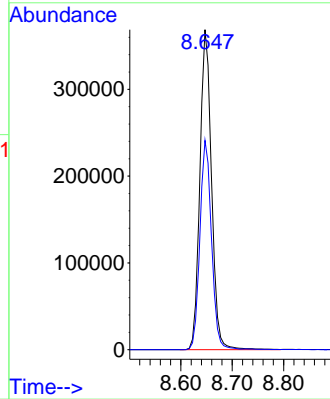


#50  
 Toluene-d8  
 Concen: 46.279 ug/l  
 RT: 8.647 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX038781.D  
 Acq: 13 Nov 2023 15:07

Instrument :  
 MSVOA\_X  
 ClientSampleId :

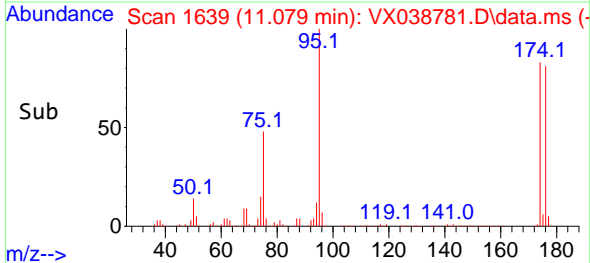
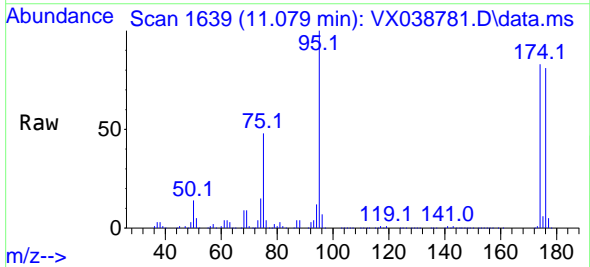
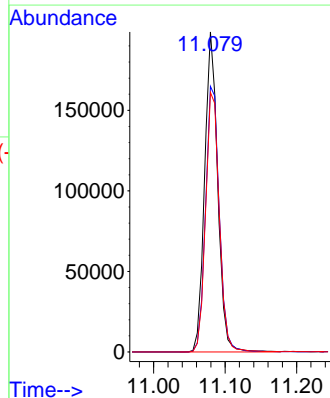


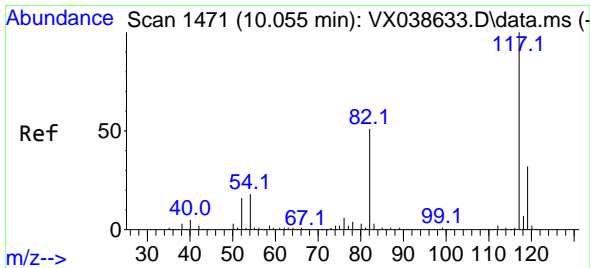
Tgt Ion: 98 Resp: 580363  
 Ion Ratio Lower Upper  
 98 100  
 100 65.0 53.1 79.7



#62  
 4-Bromofluorobenzene  
 Concen: 51.973 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. 0.000 min  
 Lab File: VX038781.D  
 Acq: 13 Nov 2023 15:07

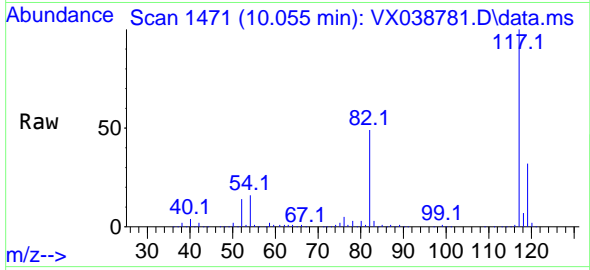
Tgt Ion: 95 Resp: 252701  
 Ion Ratio Lower Upper  
 95 100  
 174 87.4 0.0 135.6  
 176 85.1 0.0 131.0





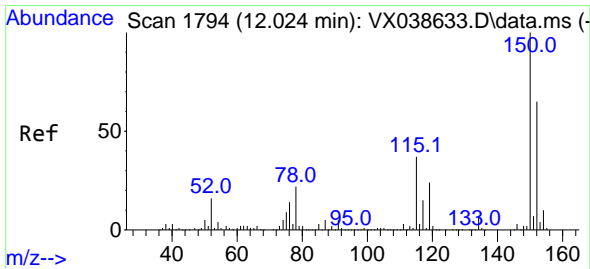
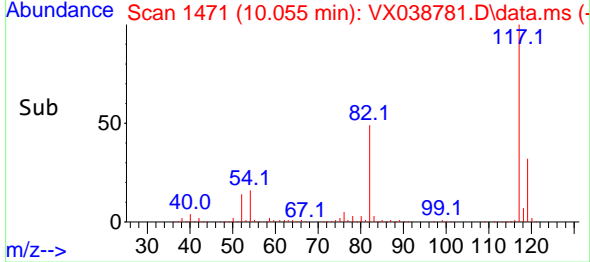
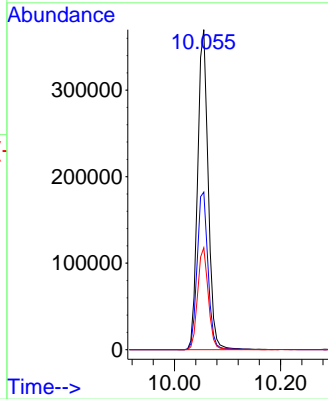
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.055 min Scan# 1471  
 Delta R.T. 0.000 min  
 Lab File: VX038781.D  
 Acq: 13 Nov 2023 15:07

Instrument : MSVOA\_X  
 ClientSampleId :



Tgt Ion:117 Resp: 511058

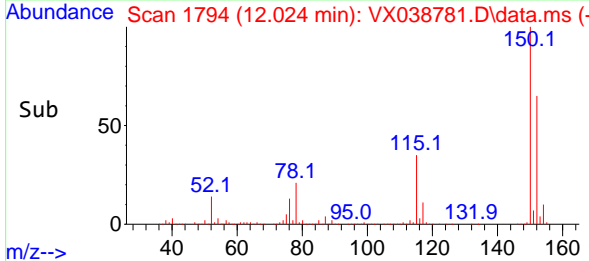
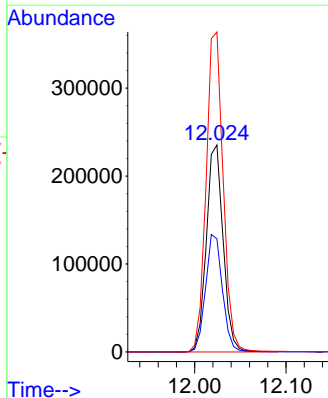
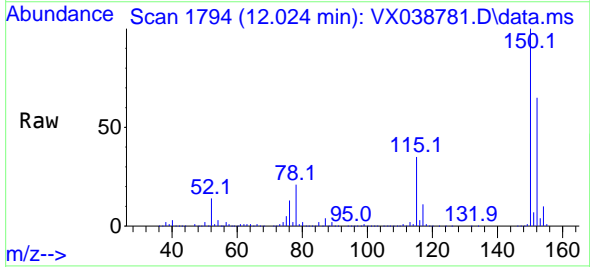
Ion	Ratio	Lower	Upper
117	100		
82	49.2	46.2	69.4
119	31.9	25.5	38.3

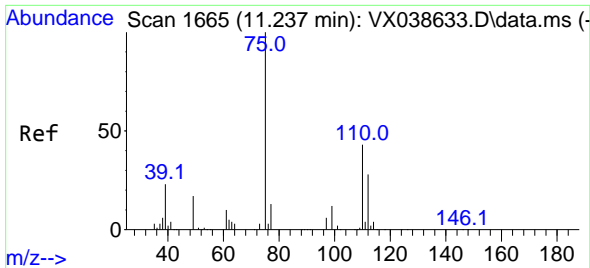


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VX038781.D  
 Acq: 13 Nov 2023 15:07

Tgt Ion:152 Resp: 300204

Ion	Ratio	Lower	Upper
152	100		
115	57.1	43.3	129.9
150	156.8	0.0	345.0

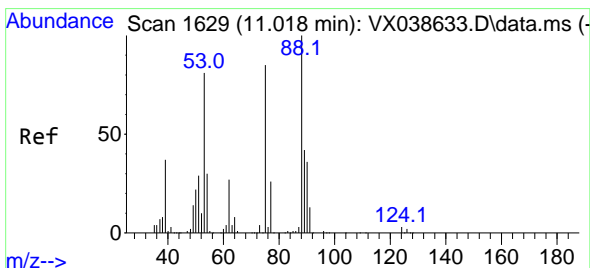
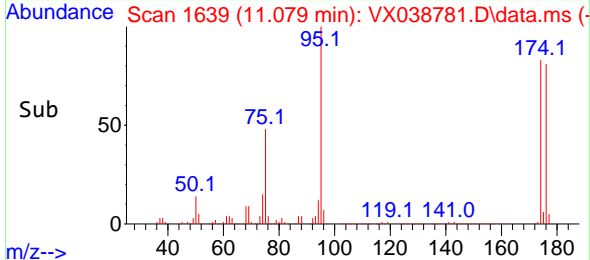
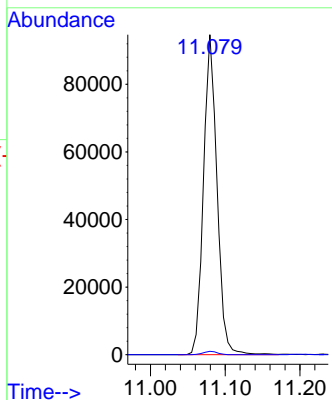
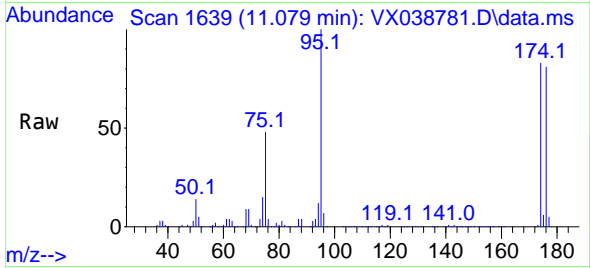




#76  
 1,2,3-Trichloropropane  
 Concen: 19.917 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.158 min  
 Lab File: VX038781.D  
 Acq: 13 Nov 2023 15:07

Instrument : MSVOA\_X  
 ClientSampleId :

Tgt Ion: 75 Resp: 118417  
 Ion Ratio Lower Upper  
 75 100  
 77 1.1 19.1 57.5#



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 60.900 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. 0.061 min  
 Lab File: VX038781.D  
 Acq: 13 Nov 2023 15:07

Tgt Ion: 75 Resp: 118417  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 90.5 135.7#  
 89 0.0 36.9 55.3#

