

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030422\  
 Data File : VX027308.D  
 Acq On : 04 Mar 2022 17:51  
 Operator : JC/MD  
 Sample : N1783-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-4

Quant Time: Mar 05 00:45:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022322W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 23 13:06:57 2022  
 Response via : Initial Calibration

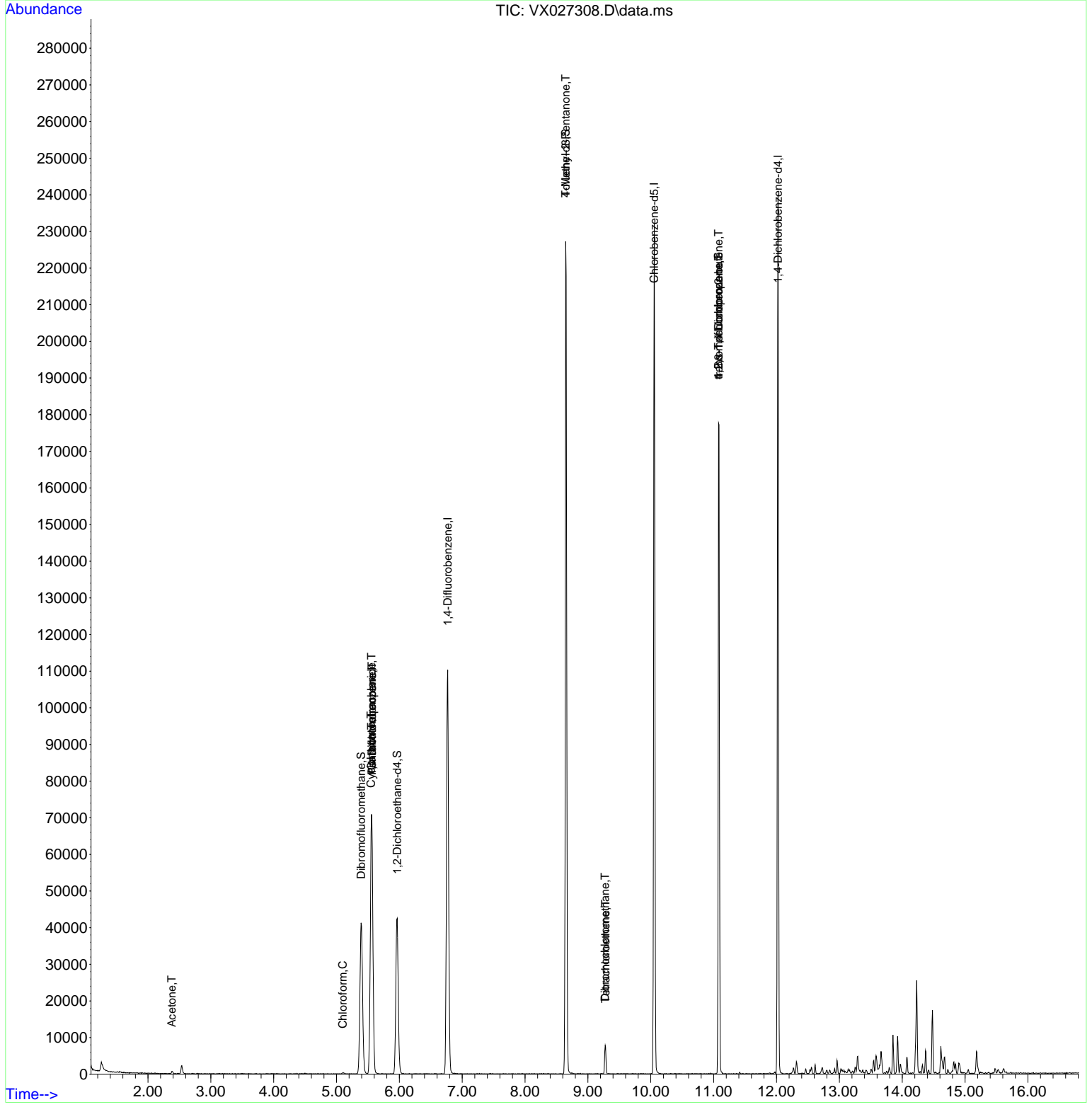
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) Pentafluorobenzene	5.562	168	69920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	116249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	42620	50.754	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	101.500%	
35) Dibromofluoromethane	5.391	113	36647	50.787	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.580%	
50) Toluene-d8	8.647	98	134927	50.009	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	100.020%	
62) 4-Bromofluorobenzene	11.079	95	50339	48.606	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	97.220%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	70	Below Cal	#	2
16) Acetone	2.380	43	748	2.029	ug/l	96
30) Chloroform	5.099	83	395	0.288	ug/l	96
31) Cyclohexane	5.550	56	1211	0.963	ug/l #	2
36) 1,1-Dichloropropene	5.562	75	4862	4.617	ug/l #	51
38) Carbon Tetrachloride	5.556	117	6934	6.313	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	499	0.432	ug/l #	1
60) Dibromochloromethane	9.275	129	1507	1.860	ug/l #	11
64) Tetrachloroethene	9.281	164	1589	1.667	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	24886	24.855	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	24886	70.423	ug/l #	3
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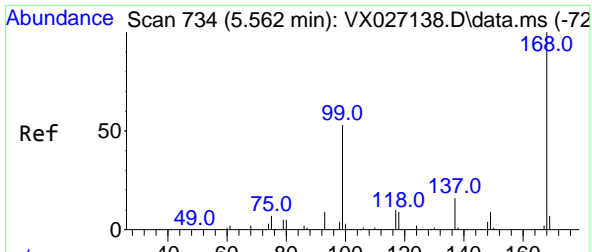
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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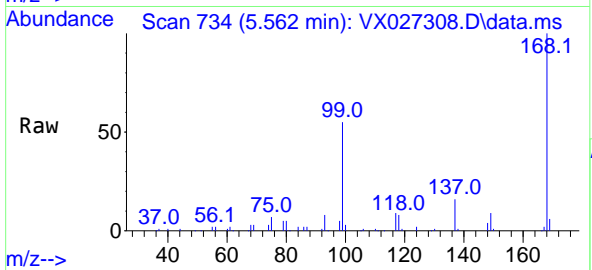
Quant Time: Mar 05 00:45:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022322W.M  
 Quant Title : SW846 8260  
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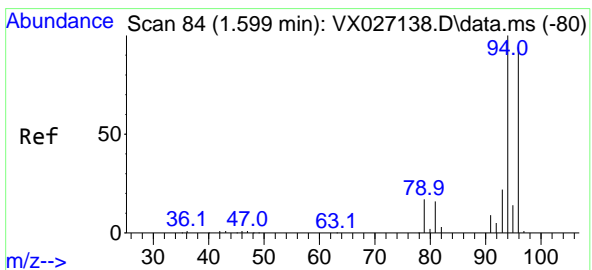
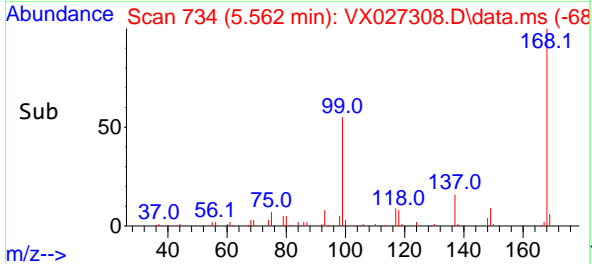
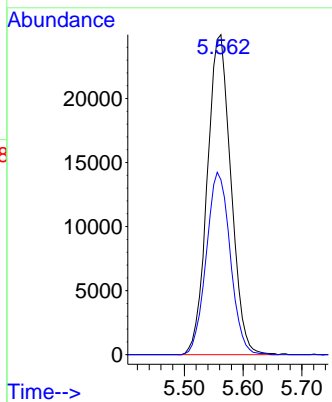


#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.562 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: VX027308.D  
 Acq: 04 Mar 2022 17:51

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-4

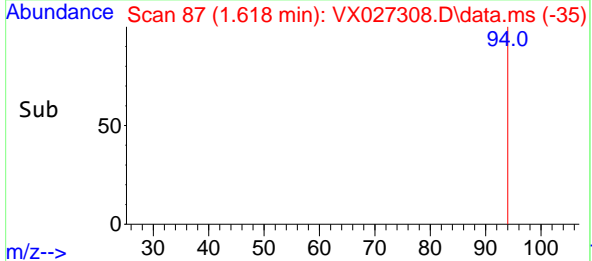
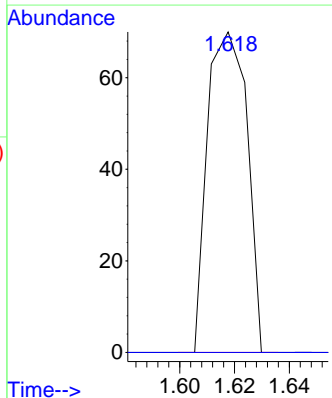
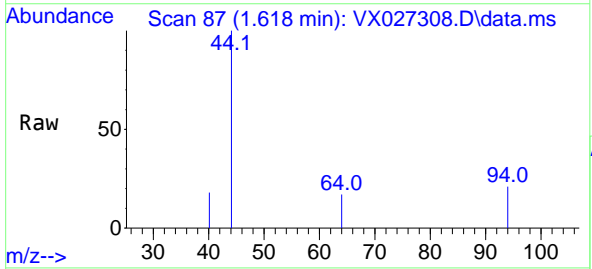


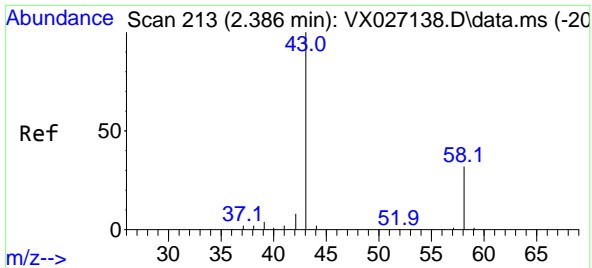
Tgt Ion:168 Resp: 69920  
 Ion Ratio Lower Upper  
 168 100  
 99 54.6 50.3 75.5



#5  
 Bromomethane  
 Concen: Below Cal  
 RT: 1.618 min Scan# 87  
 Delta R.T. 0.019 min  
 Lab File: VX027308.D  
 Acq: 04 Mar 2022 17:51

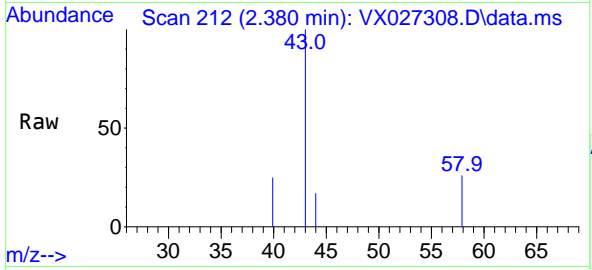
Tgt Ion: 94 Resp: 70  
 Ion Ratio Lower Upper  
 94 100  
 96 0.0 75.9 113.9#



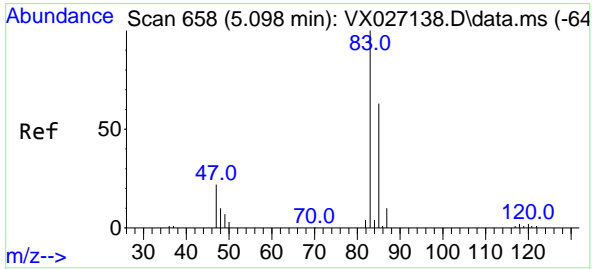
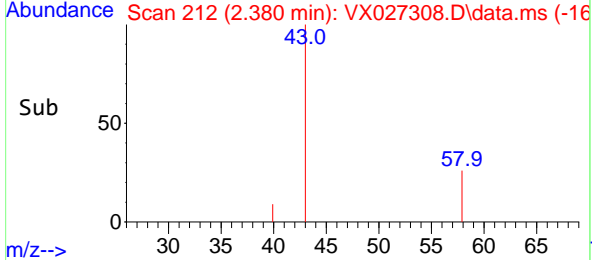
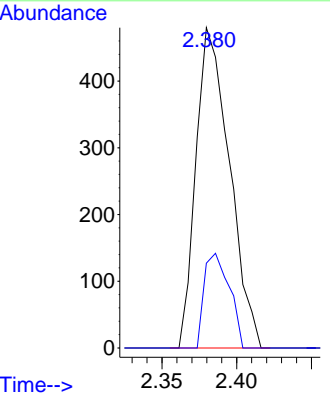


#16  
 Acetone  
 Concen: 2.029 ug/l  
 RT: 2.380 min Scan# 213  
 Delta R.T. -0.006 min  
 Lab File: VX027308.D  
 Acq: 04 Mar 2022 17:51

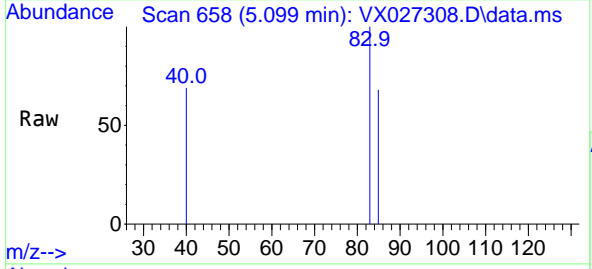
Instrument : MSVOA\_X  
 ClientSampleId : MW-4



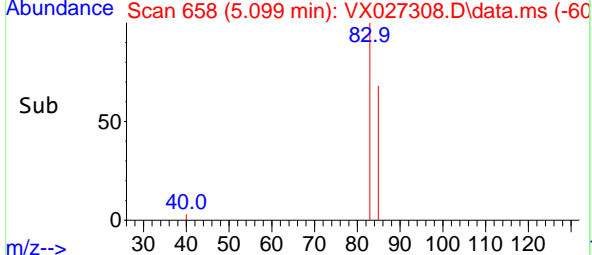
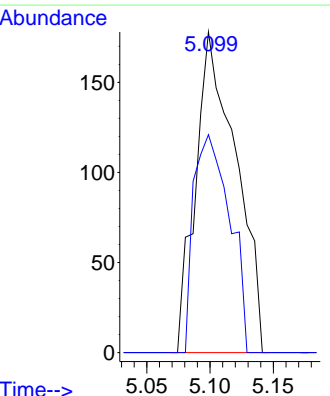
Tgt Ion: 43 Resp: 748  
 Ion Ratio Lower Upper  
 43 100  
 58 26.5 23.0 34.6

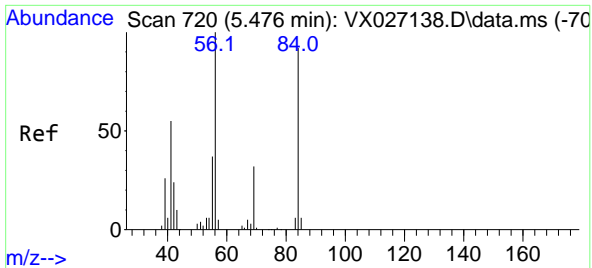


#30  
 Chloroform  
 Concen: 0.288 ug/l  
 RT: 5.099 min Scan# 658  
 Delta R.T. 0.001 min  
 Lab File: VX027308.D  
 Acq: 04 Mar 2022 17:51



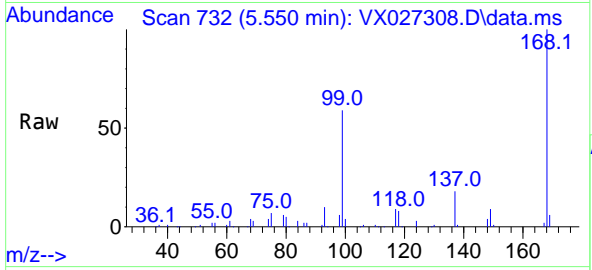
Tgt Ion: 83 Resp: 395  
 Ion Ratio Lower Upper  
 83 100  
 85 68.0 51.6 77.4



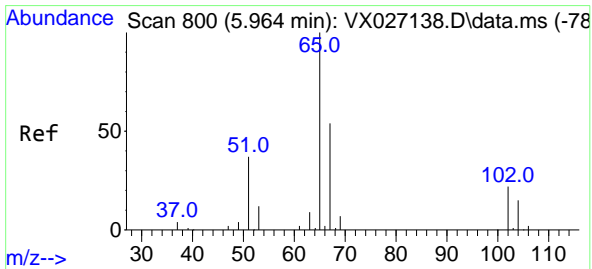
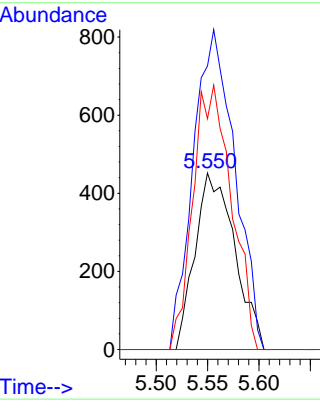
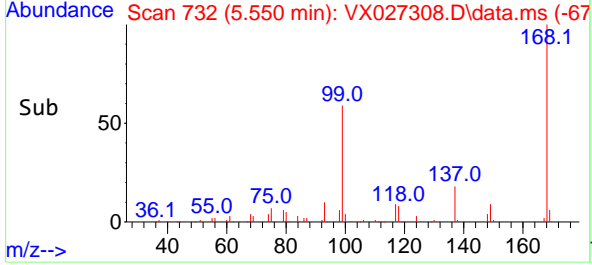


#31  
 Cyclohexane  
 Concen: 0.963 ug/l  
 RT: 5.550 min Scan# 711  
 Delta R.T. 0.074 min  
 Lab File: VX027308.D  
 Acq: 04 Mar 2022 17:51

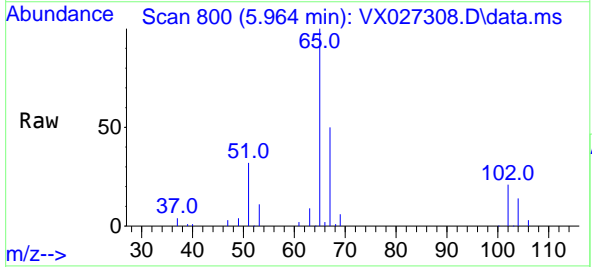
Instrument : MSVOA\_X  
 ClientSampleId : MW-4



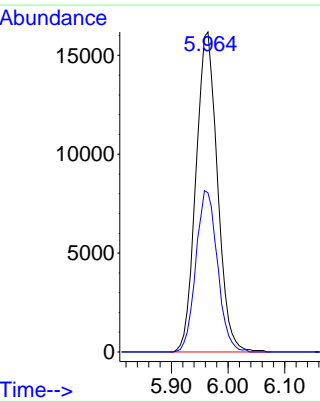
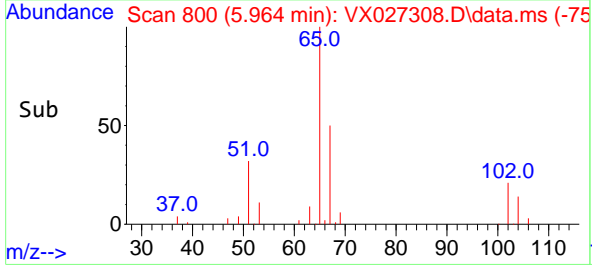
Tgt Ion: 56 Resp: 1211  
 Ion Ratio Lower Upper  
 56 100  
 69 160.6 25.8 38.6#  
 84 130.8 68.9 103.3#

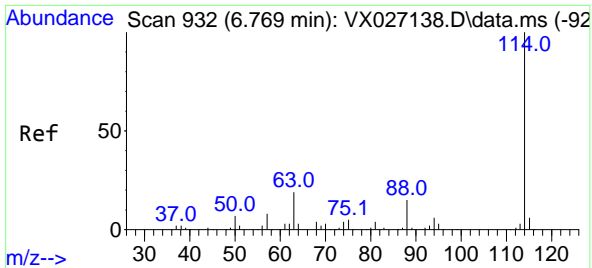


#33  
 1,2-Dichloroethane-d4  
 Concen: 50.754 ug/l  
 RT: 5.964 min Scan# 800  
 Delta R.T. 0.000 min  
 Lab File: VX027308.D  
 Acq: 04 Mar 2022 17:51



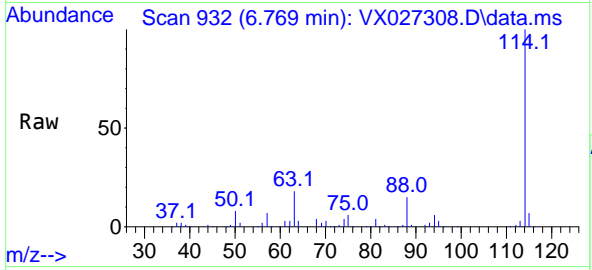
Tgt Ion: 65 Resp: 42620  
 Ion Ratio Lower Upper  
 65 100  
 67 50.6 0.0 100.8





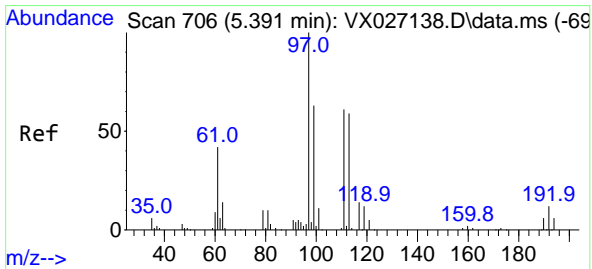
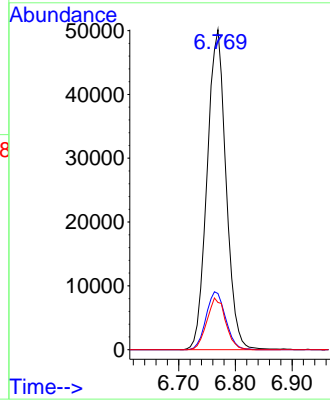
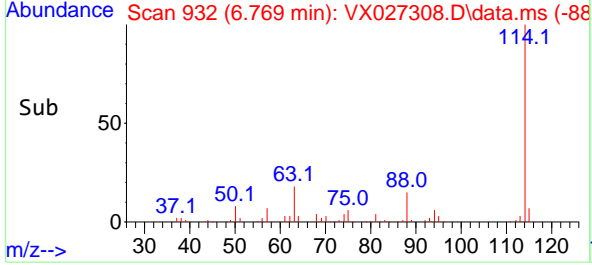
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.769 min Scan# 911  
 Delta R.T. 0.000 min  
 Lab File: VX027308.D  
 Acq: 04 Mar 2022 17:51

Instrument : MSVOA\_X  
 ClientSampleId : MW-4

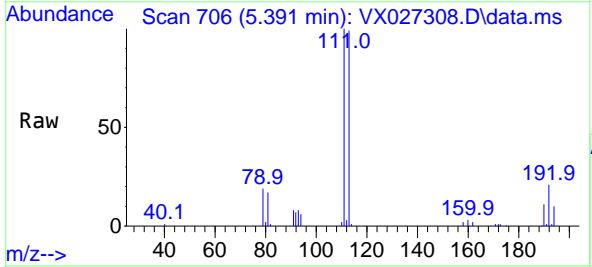


Tgt Ion:114 Resp: 116249

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	42.8
88	14.8	0.0	33.0

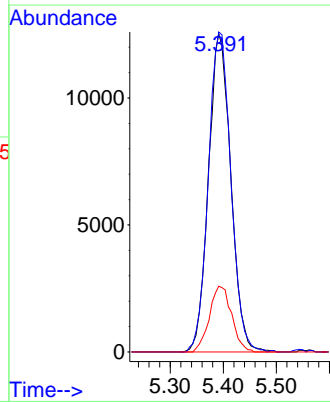
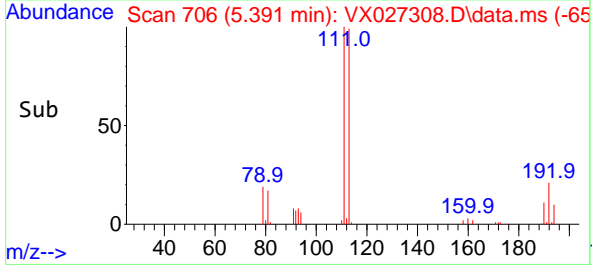


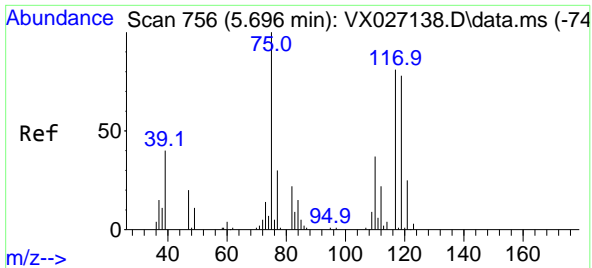
#35  
 Dibromofluoromethane  
 Concen: 50.787 ug/l  
 RT: 5.391 min Scan# 706  
 Delta R.T. 0.000 min  
 Lab File: VX027308.D  
 Acq: 04 Mar 2022 17:51



Tgt Ion:113 Resp: 36647

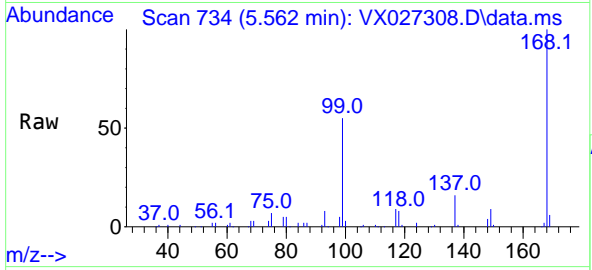
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.2	121.8
192	20.6	15.0	22.4



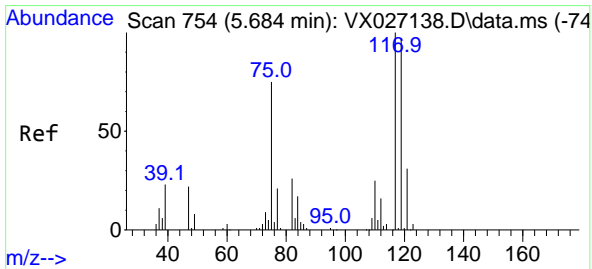
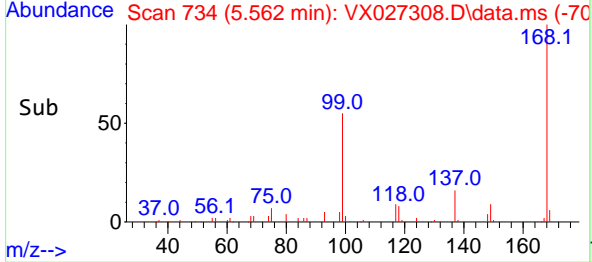
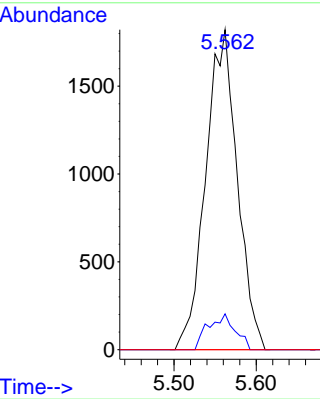


#36  
 1,1-Dichloropropene  
 Concen: 4.617 ug/l  
 RT: 5.562 min Scan# 711  
 Delta R.T. -0.134 min  
 Lab File: VX027308.D  
 Acq: 04 Mar 2022 17:51

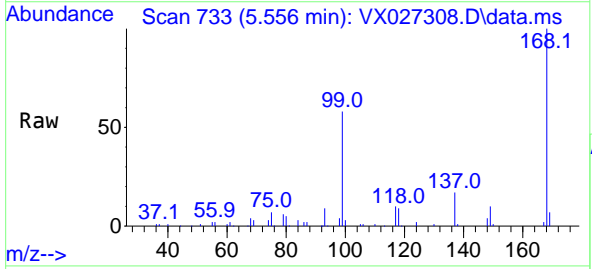
Instrument : MSVOA\_X  
 ClientSampleId : MW-4



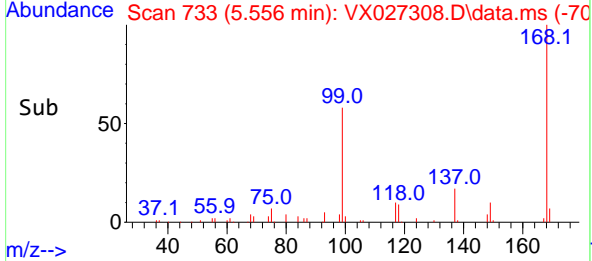
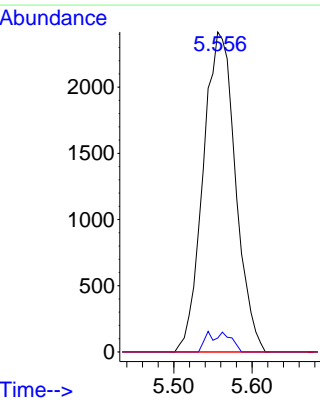
Tgt Ion: 75 Resp: 4862  
 Ion Ratio Lower Upper  
 75 100  
 110 9.4 17.2 51.6#  
 77 0.0 24.6 36.8#

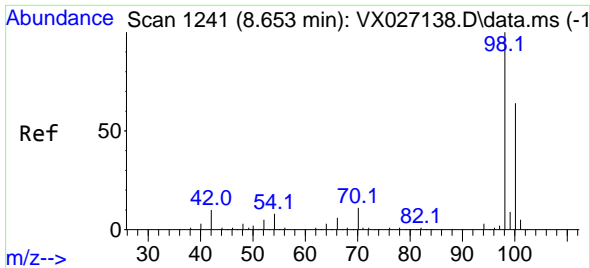


#38  
 Carbon Tetrachloride  
 Concen: 6.313 ug/l  
 RT: 5.556 min Scan# 733  
 Delta R.T. -0.128 min  
 Lab File: VX027308.D  
 Acq: 04 Mar 2022 17:51



Tgt Ion: 117 Resp: 6934  
 Ion Ratio Lower Upper  
 117 100  
 119 4.3 74.7 112.1#  
 121 0.0 25.4 38.0#

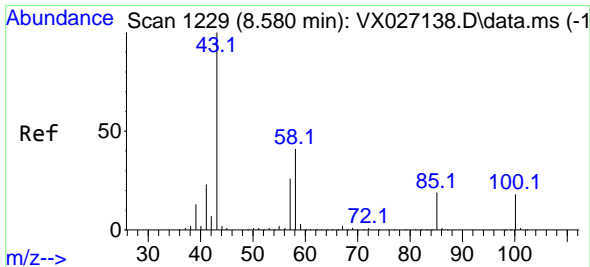
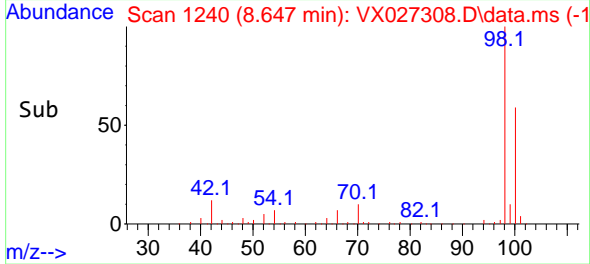
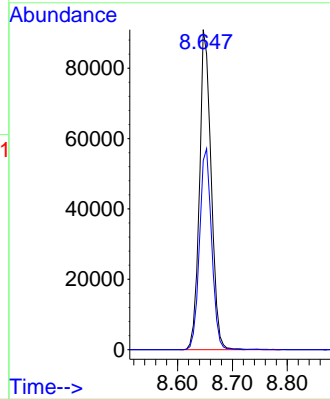
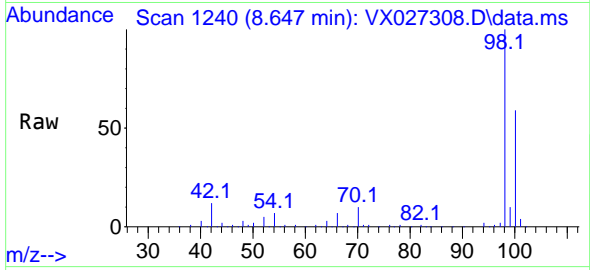




#50  
 Toluene-d8  
 Concen: 50.009 ug/l  
 RT: 8.647 min Scan# 1240  
 Delta R.T. -0.006 min  
 Lab File: VX027308.D  
 Acq: 04 Mar 2022 17:51

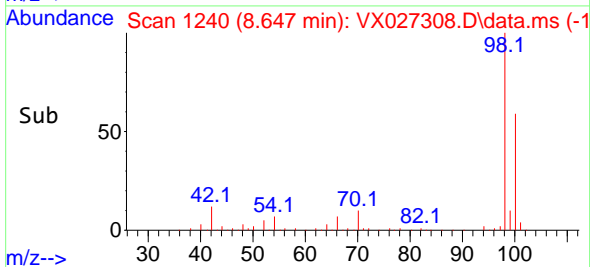
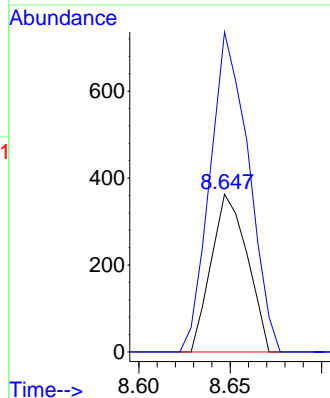
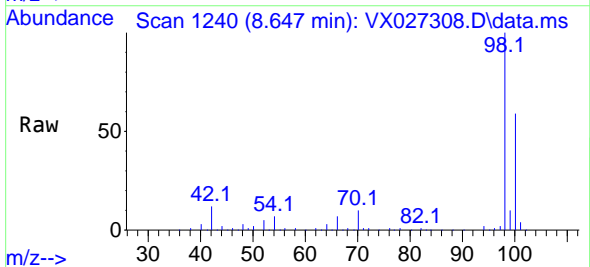
Instrument : MSVOA\_X  
 ClientSampleId : MW-4

Tgt Ion: 98 Resp: 134927  
 Ion Ratio Lower Upper  
 98 100  
 100 64.9 53.2 79.8

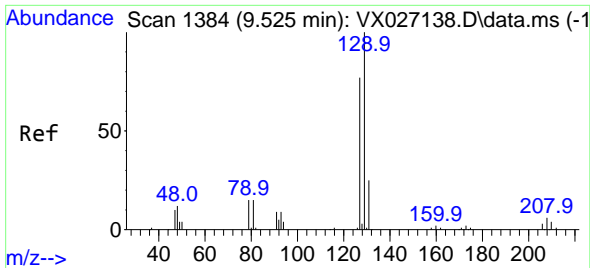


#51  
 4-Methyl-2-Pentanone  
 Concen: 0.432 ug/l  
 RT: 8.647 min Scan# 1240  
 Delta R.T. 0.067 min  
 Lab File: VX027308.D  
 Acq: 04 Mar 2022 17:51

Tgt Ion: 43 Resp: 499  
 Ion Ratio Lower Upper  
 43 100  
 58 216.8 30.5 45.7#



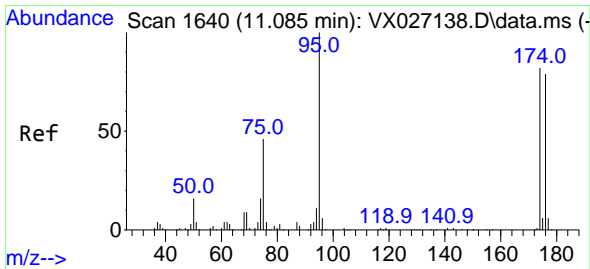
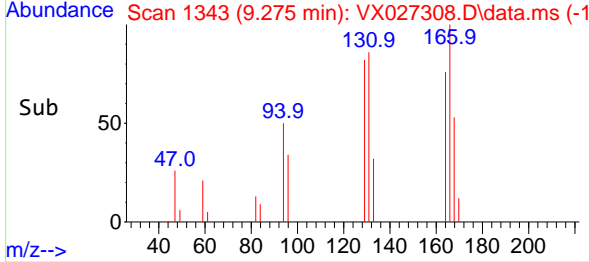
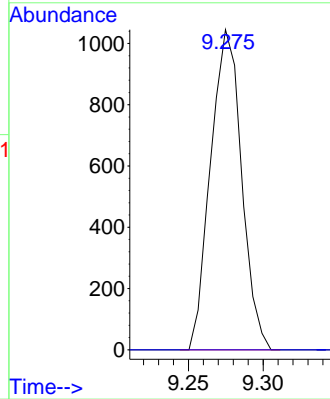
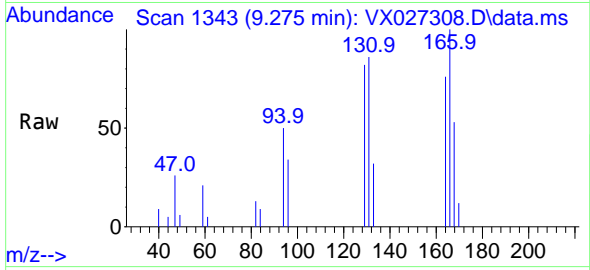




#60  
 Dibromochloromethane  
 Concen: 1.860 ug/l  
 RT: 9.275 min Scan# 11  
 Delta R.T. -0.250 min  
 Lab File: VX027308.D  
 Acq: 04 Mar 2022 17:51

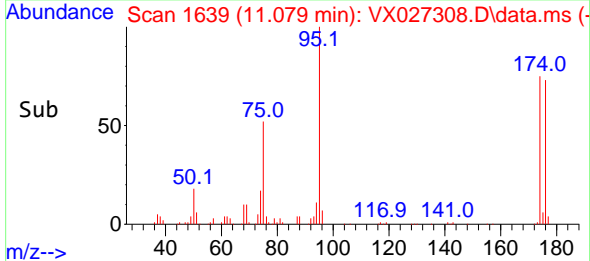
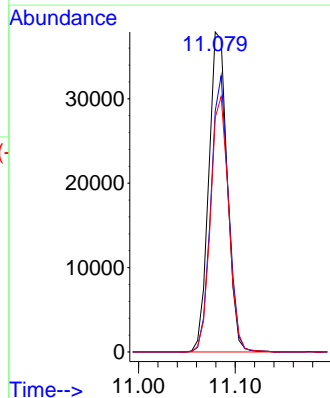
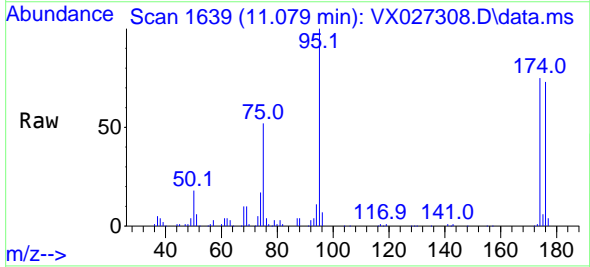
Instrument : MSVOA\_X  
 ClientSampleId : MW-4

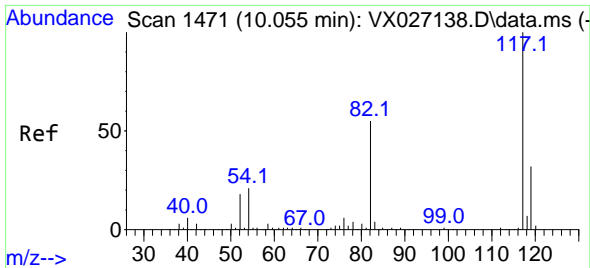
Tgt Ion:129 Resp: 1507  
 Ion Ratio Lower Upper  
 129 100  
 127 0.0 38.5 115.5#



#62  
 4-Bromofluorobenzene  
 Concen: 48.606 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.006 min  
 Lab File: VX027308.D  
 Acq: 04 Mar 2022 17:51

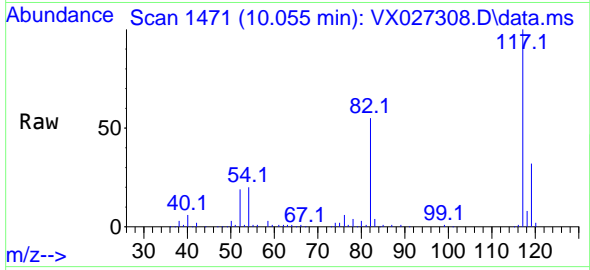
Tgt Ion: 95 Resp: 50339  
 Ion Ratio Lower Upper  
 95 100  
 174 82.3 0.0 148.6  
 176 78.3 0.0 141.4



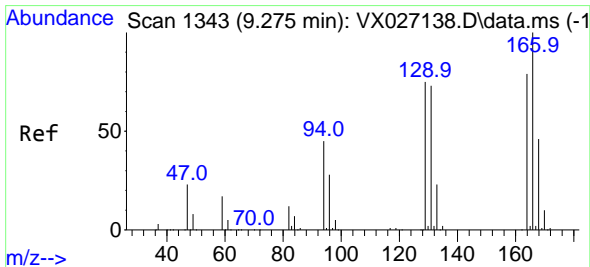
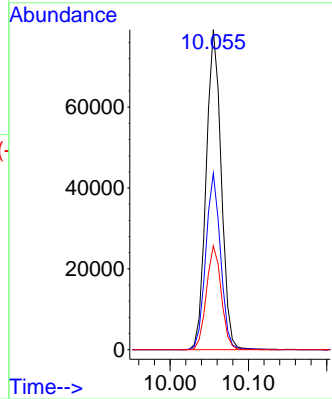
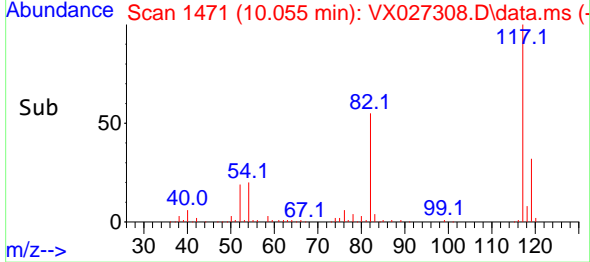


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.055 min Scan# 1471  
 Delta R.T. 0.000 min  
 Lab File: VX027308.D  
 Acq: 04 Mar 2022 17:51

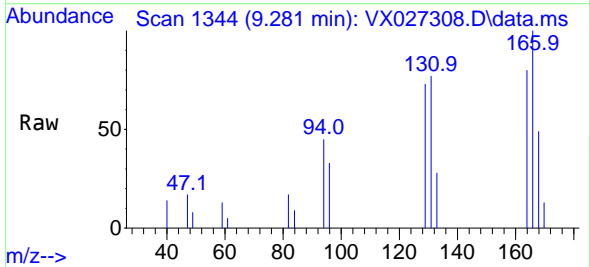
Instrument : MSVOA\_X  
 ClientSampleId : MW-4



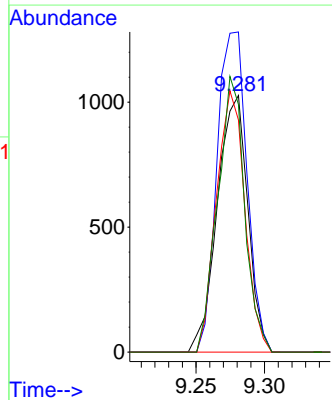
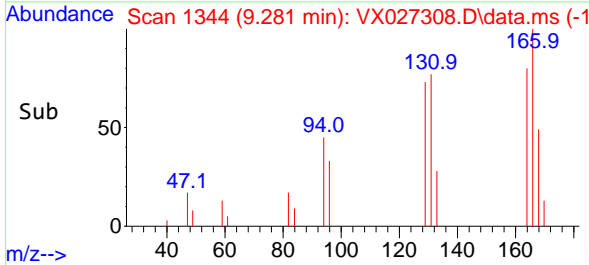
Tgt Ion:117 Resp: 105360  
 Ion Ratio Lower Upper  
 117 100  
 82 55.1 45.2 67.8  
 119 32.4 26.2 39.2

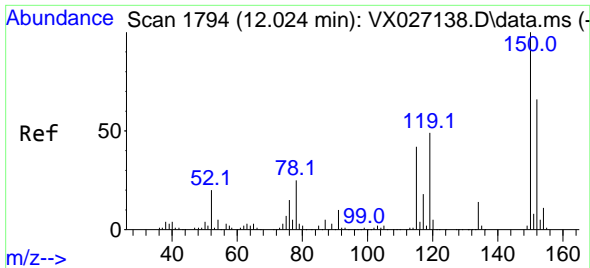


#64  
 Tetrachloroethene  
 Concen: 1.667 ug/l  
 RT: 9.281 min Scan# 1344  
 Delta R.T. 0.006 min  
 Lab File: VX027308.D  
 Acq: 04 Mar 2022 17:51



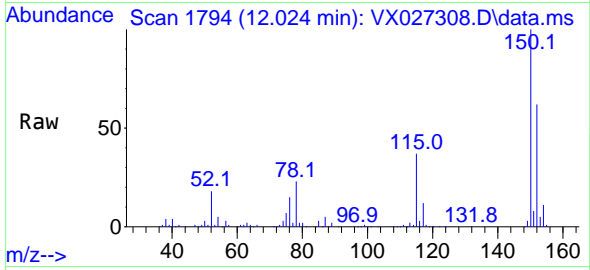
Tgt Ion:164 Resp: 1589  
 Ion Ratio Lower Upper  
 164 100  
 166 124.7 101.8 152.6  
 129 90.5 83.3 124.9  
 131 96.5 78.0 117.0



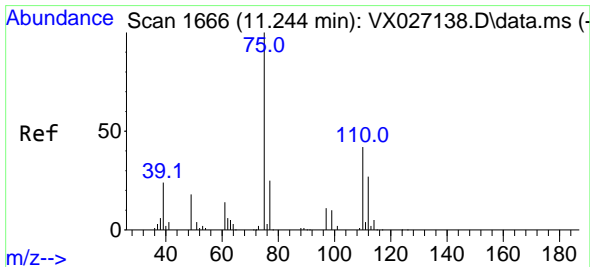
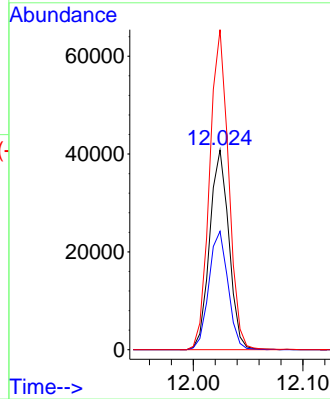
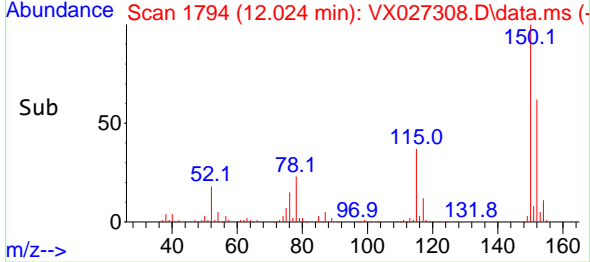


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX027308.D  
 Acq: 04 Mar 2022 17:51

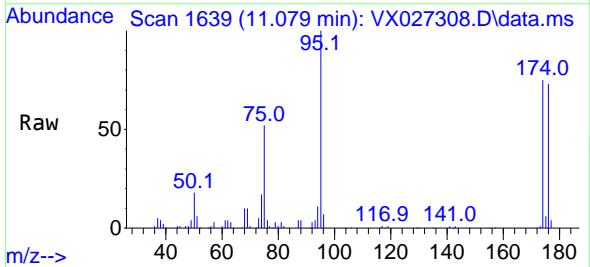
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-4



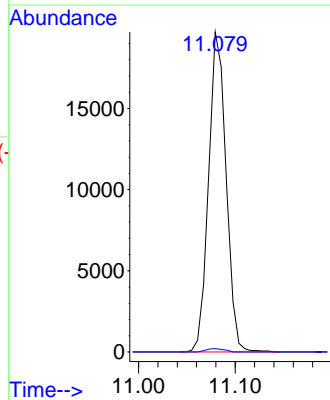
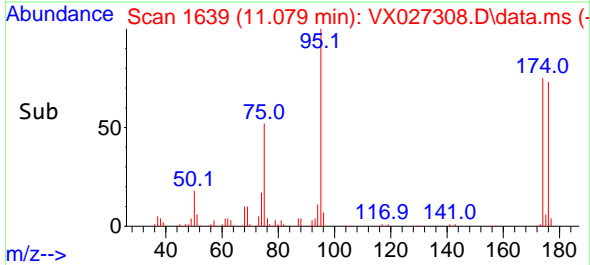
Tgt Ion:152 Resp: 49708  
 Ion Ratio Lower Upper  
 152 100  
 115 59.3 44.2 132.6  
 150 158.5 0.0 348.2

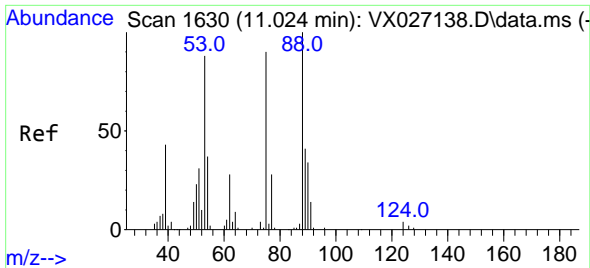


#76  
 1,2,3-Trichloropropane  
 Concen: 24.855 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.165 min  
 Lab File: VX027308.D  
 Acq: 04 Mar 2022 17:51



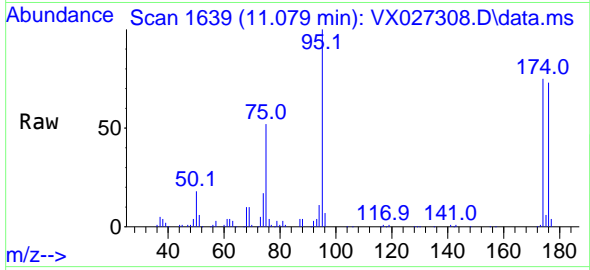
Tgt Ion: 75 Resp: 24886  
 Ion Ratio Lower Upper  
 75 100  
 77 1.1 18.3 54.8#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 70.423 ug/l  
 RT: 11.079 min Scan# 10  
 Delta R.T. 0.055 min  
 Lab File: VX027308.D  
 Acq: 04 Mar 2022 17:51

Instrument : MSVOA\_X  
 ClientSampleId : MW-4



Tgt Ion: 75 Resp: 24886  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 94.0 141.0#  
 89 0.0 37.0 55.4#

