

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060921\  
 Data File : VX022626.D  
 Acq On : 09 Jun 2021 20:01  
 Operator : JC/MD  
 Sample : M2610-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Quant Time: Jun 10 05:46:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 07 14:27:50 2021  
 Response via : Initial Calibration

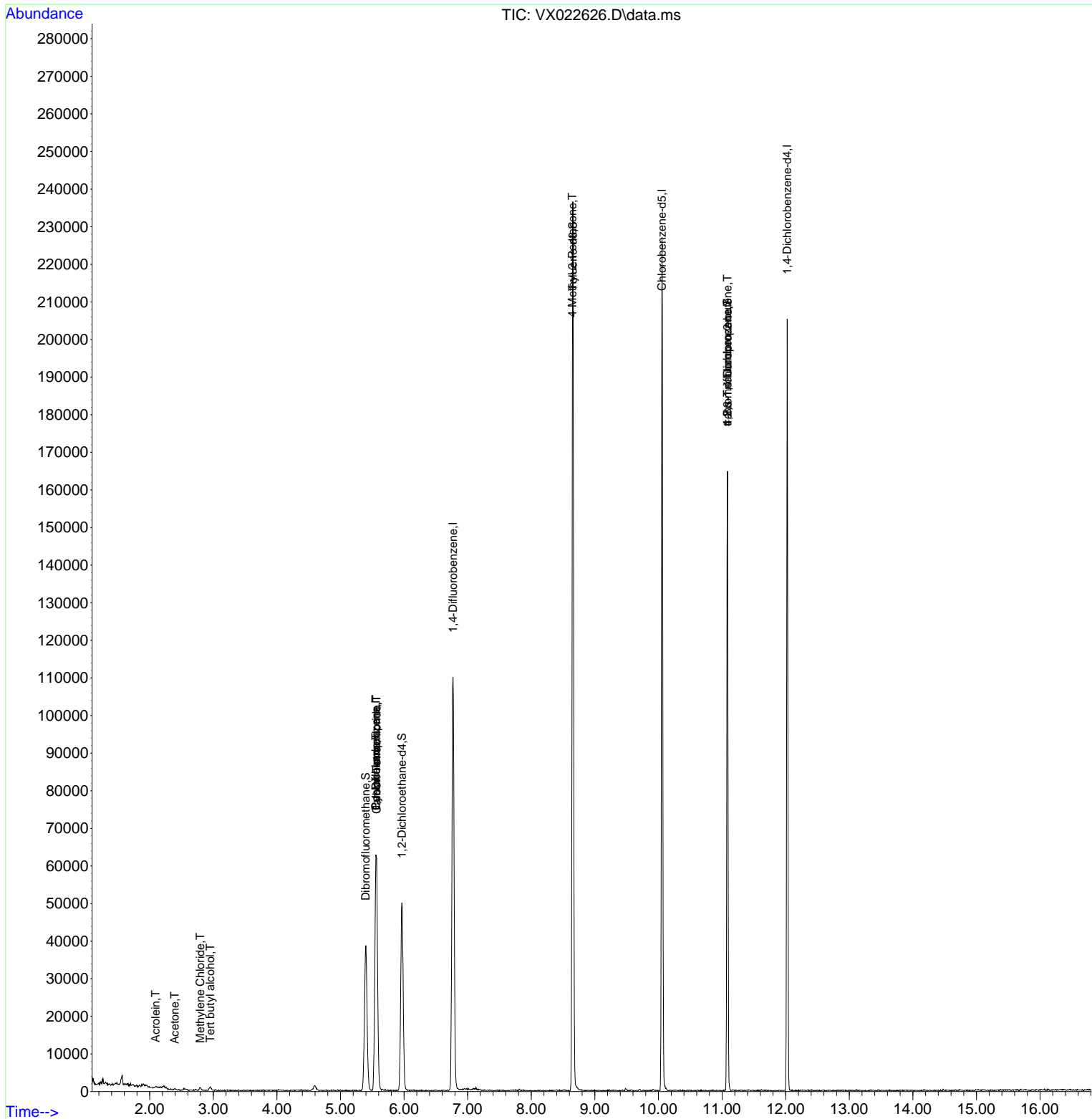
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) Pentafluorobenzene	5.556	168	54053	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	109181	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35658	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	46564	48.46	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.92%
35) Dibromofluoromethane	5.397	113	32982	48.28	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.56%
50) Toluene-d8	8.653	98	134762	49.44	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.88%
62) 4-Bromofluorobenzene	11.085	95	44441	43.87	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.74%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	670	3.11	ug/l	# 73
13) Acrolein	2.093	56	20	3.31	ug/l	# 14
16) Acetone	2.392	43	360	0.83	ug/l	# 75
20) Methylene Chloride	2.794	84	431	0.48	ug/l	# 78
31) Cyclohexane	5.556	56	1618	1.42	ug/l	# 34
36) 1,1-Dichloropropene	5.556	75	5587	5.29	ug/l	# 45
38) Carbon Tetrachloride	5.568	117	6480	8.41	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	716	0.52	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	24655	26.69	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	24655	65.65	ug/l	# 12
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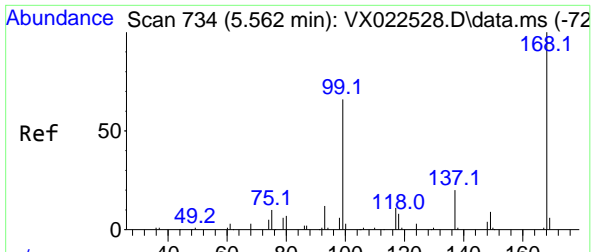
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060921\  
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Instrument :  
 MSVOA\_X  
 Client Sampled :  
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Quant Time: Jun 10 05:46:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 07 14:27:50 2021  
 Response via : Initial Calibration

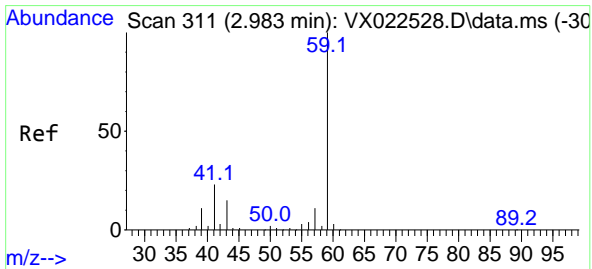
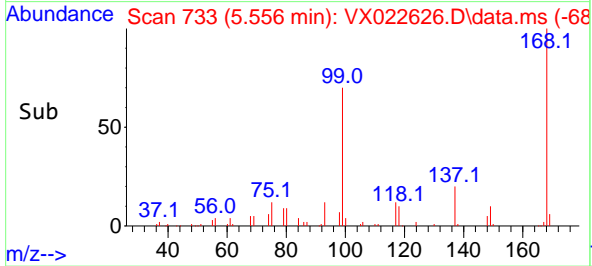
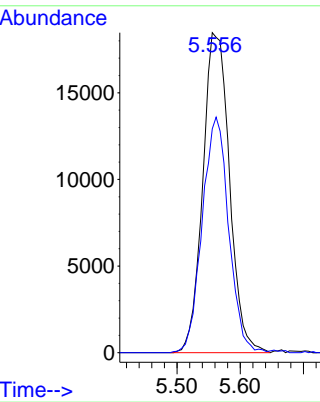
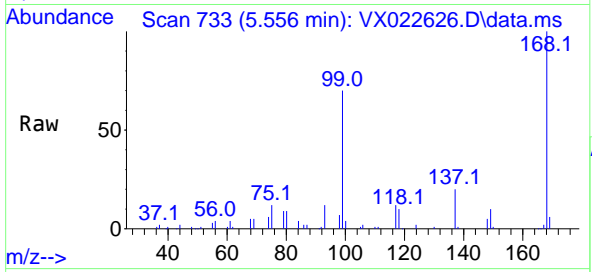




#1  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.556 min Scan# 733  
 Delta R.T. -0.006 min  
 Lab File: VX022626.D  
 Acq: 09 Jun 2021 20:01

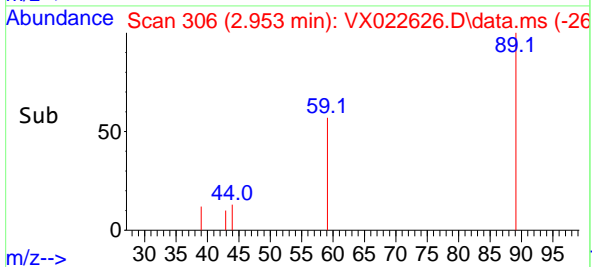
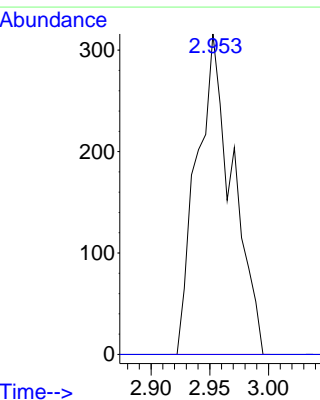
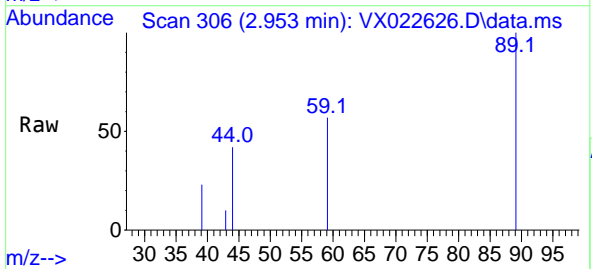
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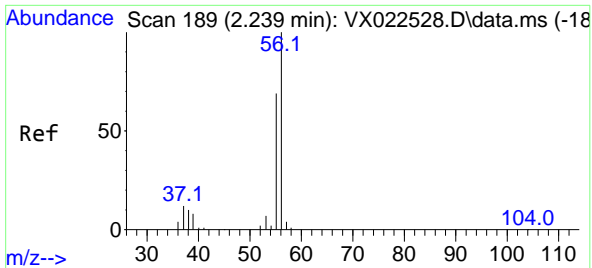
Tgt Ion:168 Resp: 54053  
 Ion Ratio Lower Upper  
 168 100  
 99 69.9 45.8 68.6#



#11  
 Tert butyl alcohol  
 Concen: 3.11 ug/l  
 RT: 2.953 min Scan# 306  
 Delta R.T. -0.030 min  
 Lab File: VX022626.D  
 Acq: 09 Jun 2021 20:01

Tgt Ion: 59 Resp: 670  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 7.8 11.8#

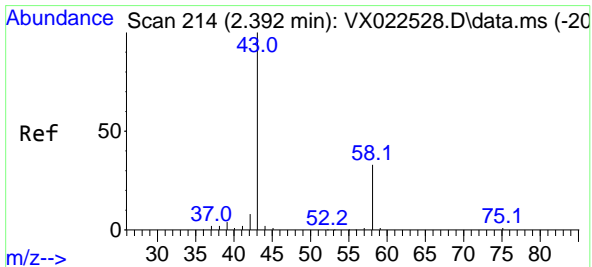
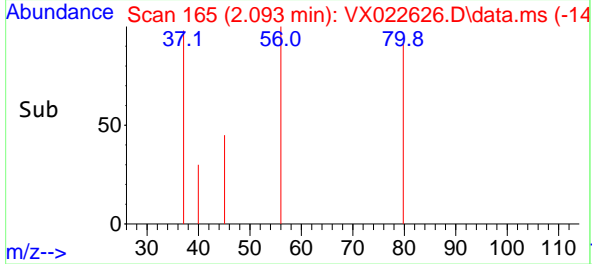
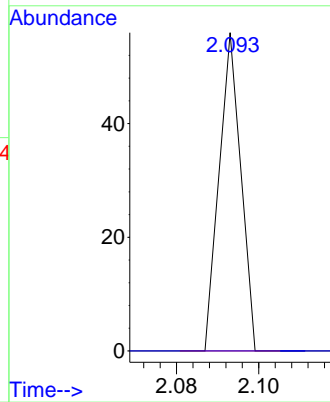
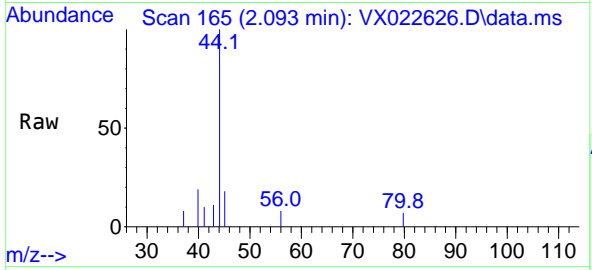




#13  
 Acrolein  
 Concen: 3.31 ug/l  
 RT: 2.093 min Scan# 165  
 Delta R.T. -0.146 min  
 Lab File: VX022626.D  
 Acq: 09 Jun 2021 20:01

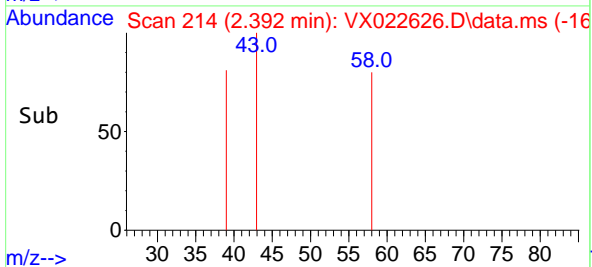
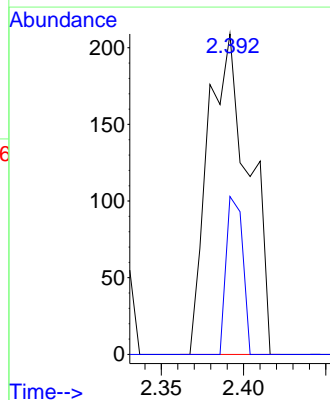
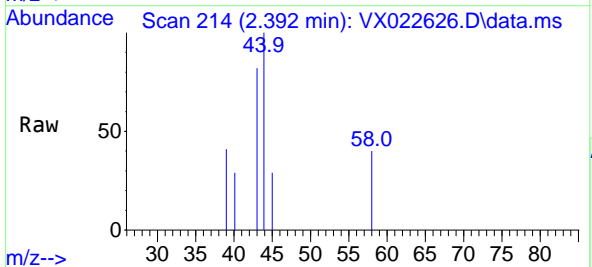
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 ClientSampled :  
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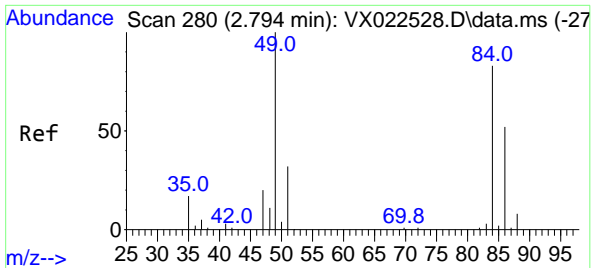
Tgt Ion: 56 Resp: 20  
 Ion Ratio Lower Upper  
 56 100  
 55 0.0 56.4 84.6#



#16  
 Acetone  
 Concen: 0.83 ug/l  
 RT: 2.392 min Scan# 214  
 Delta R.T. -0.000 min  
 Lab File: VX022626.D  
 Acq: 09 Jun 2021 20:01

Tgt Ion: 43 Resp: 360  
 Ion Ratio Lower Upper  
 43 100  
 58 49.3 27.8 41.8#

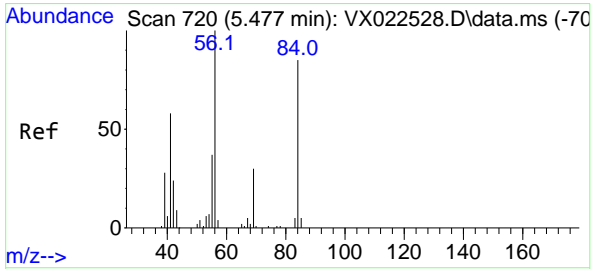
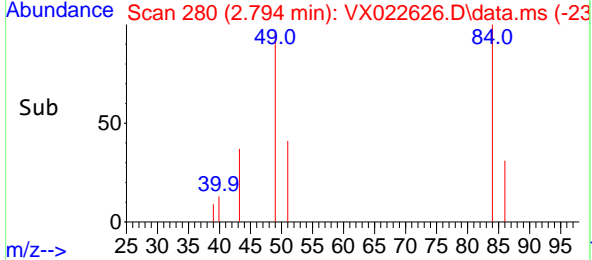
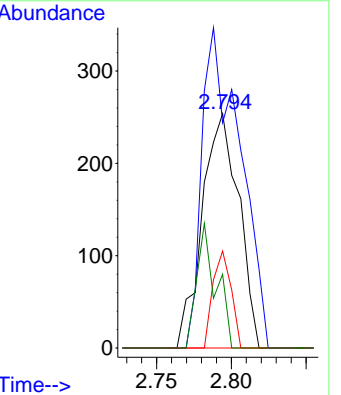
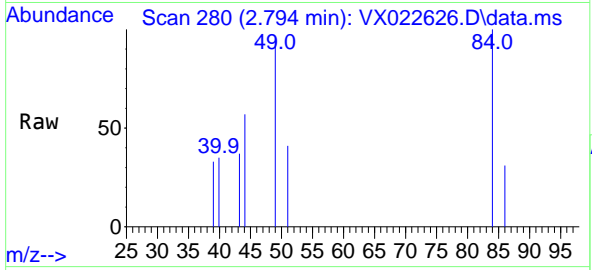




#20  
 Methylene Chloride  
 Concen: 0.48 ug/l  
 RT: 2.794 min Scan# 280  
 Delta R.T. 0.000 min  
 Lab File: VX022626.D  
 Acq: 09 Jun 2021 20:01

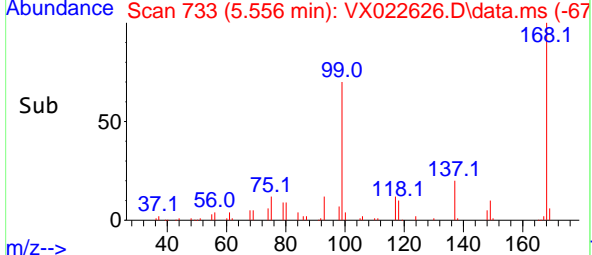
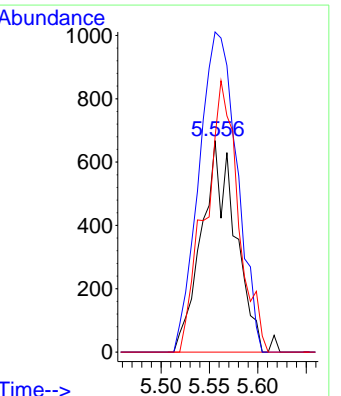
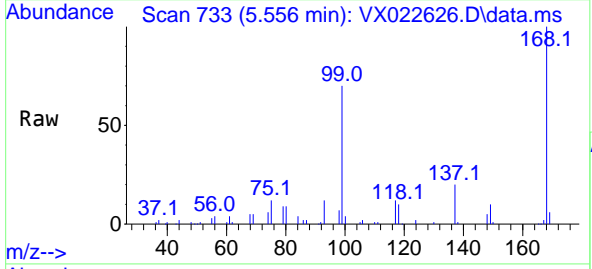
Instrument :  
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 ClientSampled :  
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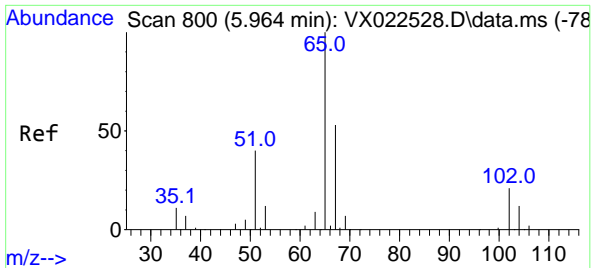
Tgt Ion	Resp	Lower	Upper
84	431		
49	96.1	88.6	132.8
51	41.3	27.0	40.6#
86	31.5	50.3	75.5#



#31  
 Cyclohexane  
 Concen: 1.42 ug/l  
 RT: 5.556 min Scan# 733  
 Delta R.T. 0.079 min  
 Lab File: VX022626.D  
 Acq: 09 Jun 2021 20:01

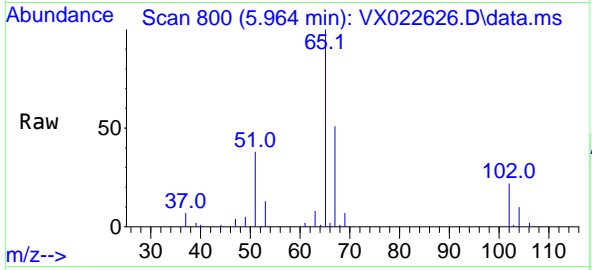
Tgt Ion	Resp	Lower	Upper
56	1618		
69	151.3	25.3	37.9#
84	101.6	71.4	107.0



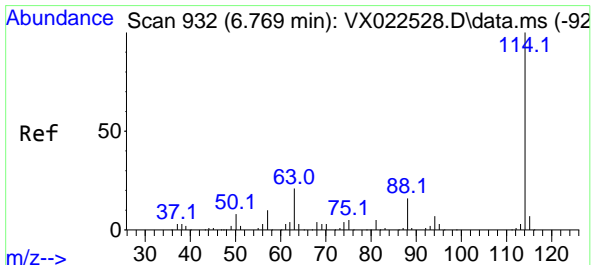
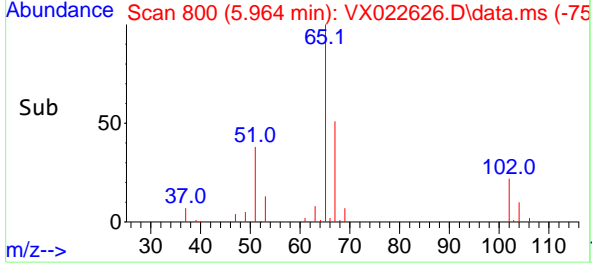
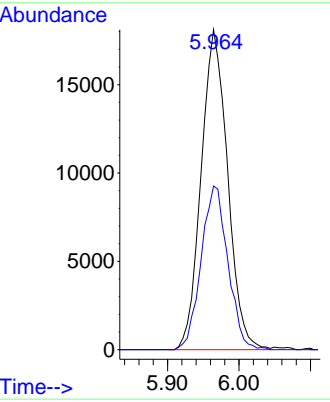


#33  
 1,2-Dichloroethane-d4  
 Concen: 48.46 ug/l  
 RT: 5.964 min Scan# 800  
 Delta R.T. 0.000 min  
 Lab File: VX022626.D  
 Acq: 09 Jun 2021 20:01

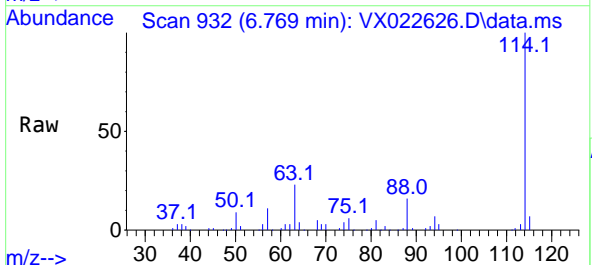
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 MSVOA\_X  
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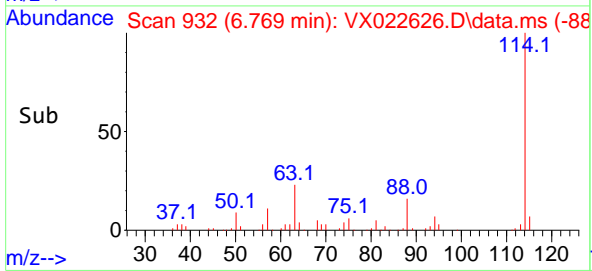
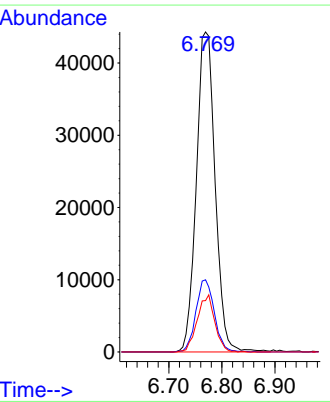
Tgt Ion: 65 Resp: 46564  
 Ion Ratio Lower Upper  
 65 100  
 67 51.7 0.0 105.4

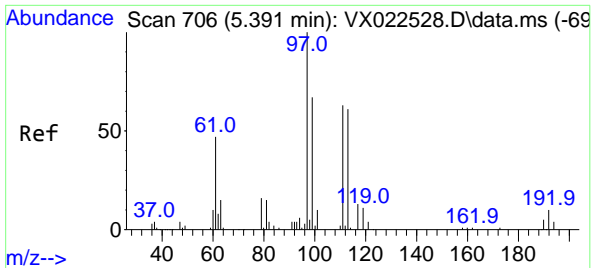


#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.769 min Scan# 932  
 Delta R.T. 0.000 min  
 Lab File: VX022626.D  
 Acq: 09 Jun 2021 20:01



Tgt Ion: 114 Resp: 109181  
 Ion Ratio Lower Upper  
 114 100  
 63 22.6 0.0 40.8  
 88 16.0 0.0 32.8

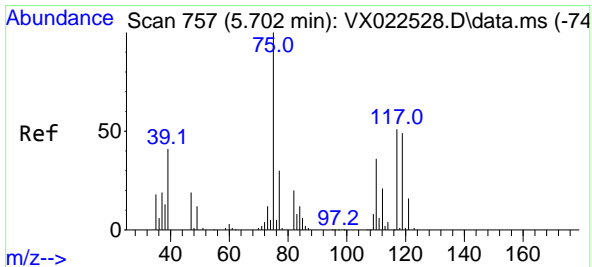
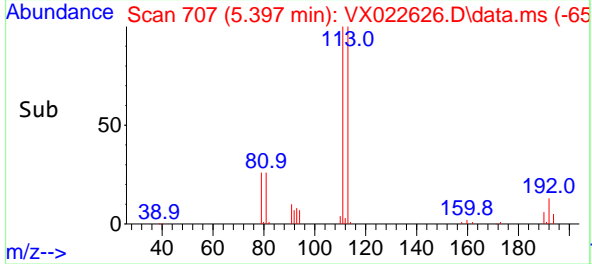
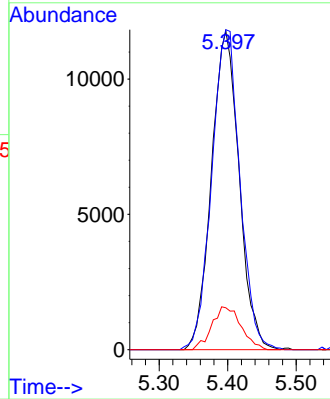
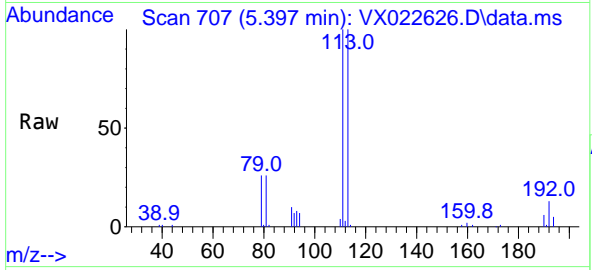




#35  
 Dibromofluoromethane  
 Concen: 48.28 ug/l  
 RT: 5.397 min Scan# 707  
 Delta R.T. 0.006 min  
 Lab File: VX022626.D  
 Acq: 09 Jun 2021 20:01

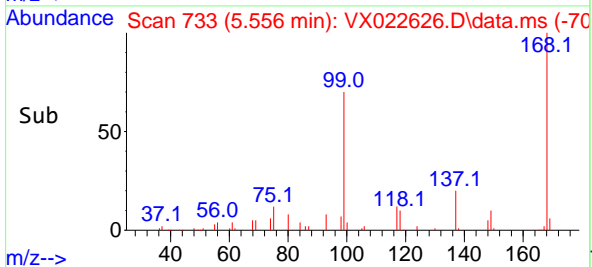
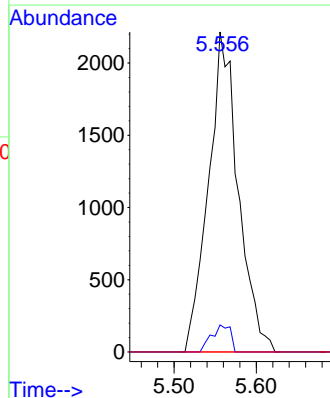
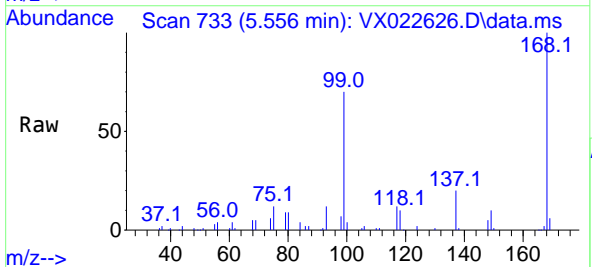
Instrument :  
 MSVOA\_X  
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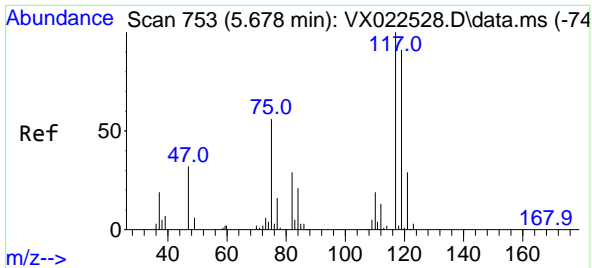
Tgt Ion:113 Resp: 32982  
 Ion Ratio Lower Upper  
 113 100  
 111 102.1 81.9 122.9  
 192 14.2 16.7 25.1#



#36  
 1,1-Dichloropropene  
 Concen: 5.29 ug/l  
 RT: 5.556 min Scan# 733  
 Delta R.T. -0.146 min  
 Lab File: VX022626.D  
 Acq: 09 Jun 2021 20:01

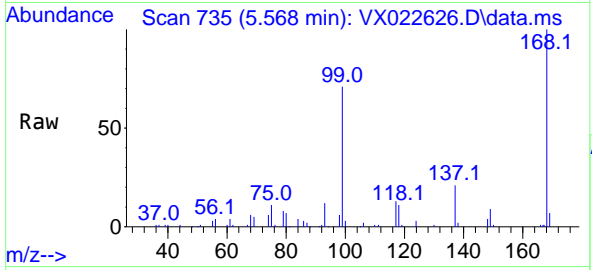
Tgt Ion: 75 Resp: 5587  
 Ion Ratio Lower Upper  
 75 100  
 110 5.4 18.1 54.4#  
 77 0.0 25.3 37.9#



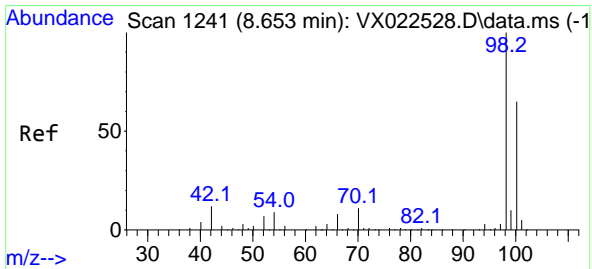
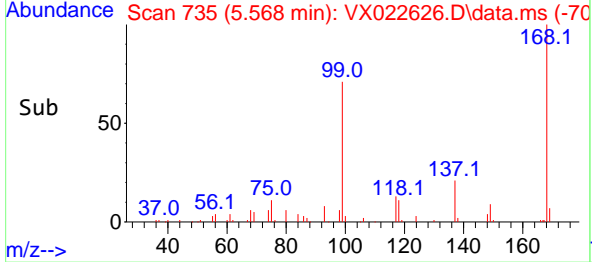
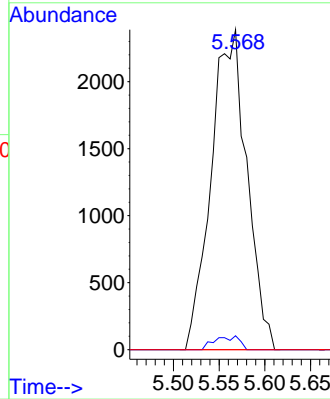


#38  
 Carbon Tetrachloride  
 Concen: 8.41 ug/l  
 RT: 5.568 min Scan# 735  
 Delta R.T. -0.110 min  
 Lab File: VX022626.D  
 Acq: 09 Jun 2021 20:01

Instrument :  
 MSVOA\_X  
 ClientSampled :  
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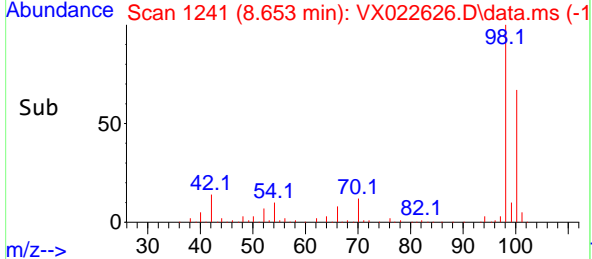
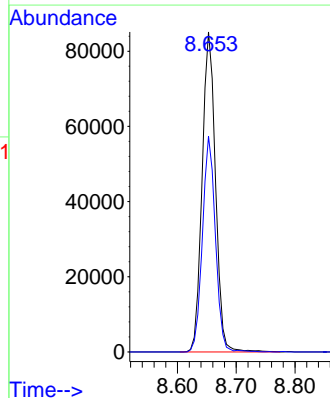
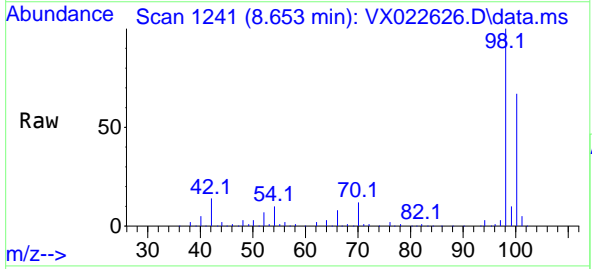


Tgt Ion:117 Resp: 6480  
 Ion Ratio Lower Upper  
 117 100  
 119 4.4 76.2 114.2#  
 121 0.0 24.8 37.2#

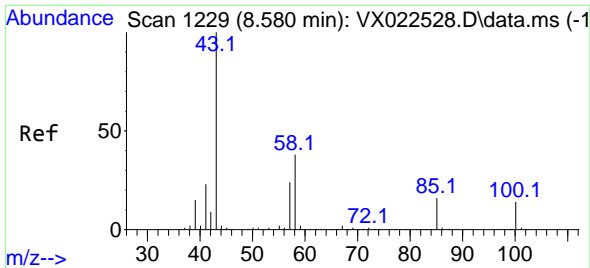


#50  
 Toluene-d8  
 Concen: 49.44 ug/l  
 RT: 8.653 min Scan# 1241  
 Delta R.T. -0.000 min  
 Lab File: VX022626.D  
 Acq: 09 Jun 2021 20:01

Tgt Ion: 98 Resp: 134762  
 Ion Ratio Lower Upper  
 98 100  
 100 65.6 51.9 77.9



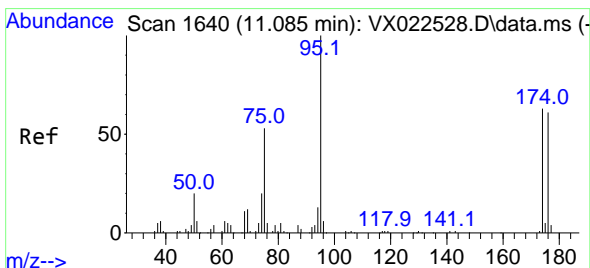
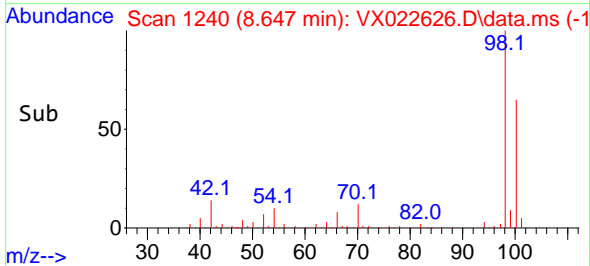
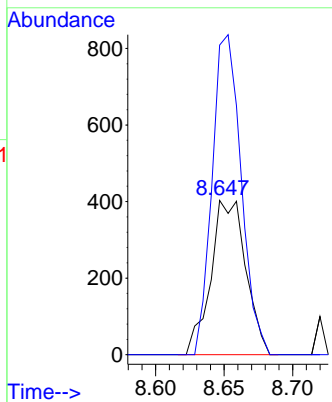
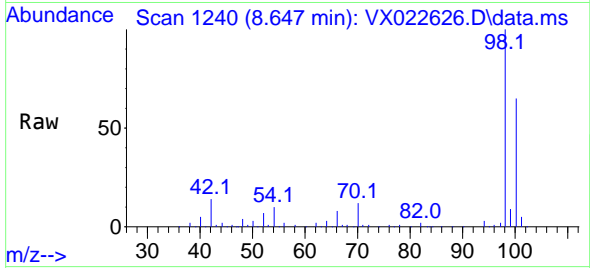




#51  
 4-Methyl-2-Pentanone  
 Concen: 0.52 ug/l  
 RT: 8.647 min Scan# 1240  
 Delta R.T. 0.067 min  
 Lab File: VX022626.D  
 Acq: 09 Jun 2021 20:01

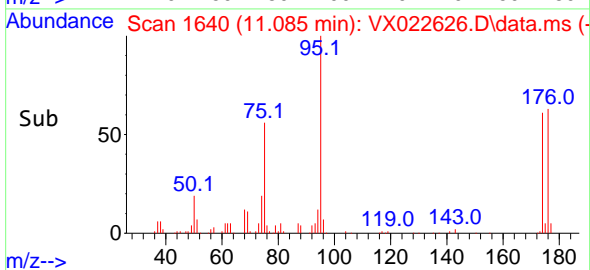
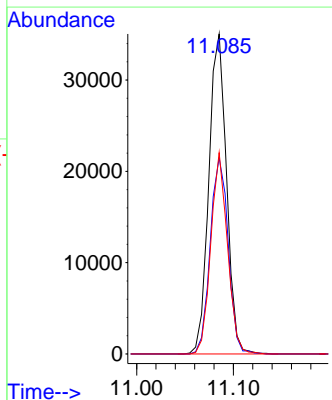
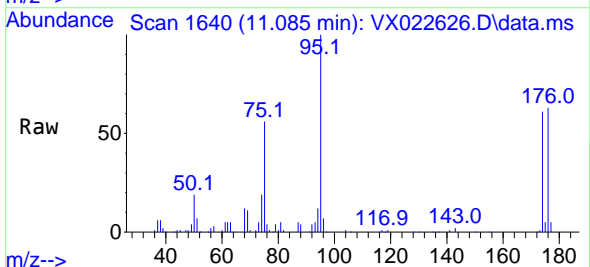
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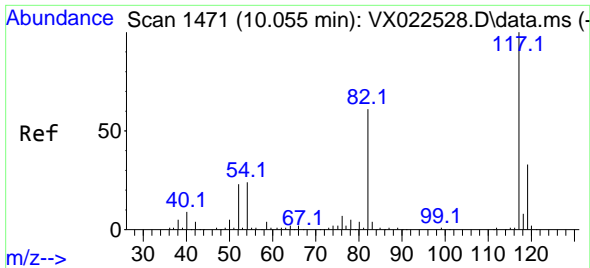
Tgt Ion: 43 Resp: 716  
 Ion Ratio Lower Upper  
 43 100  
 58 171.8 35.4 53.0#



#62  
 4-Bromofluorobenzene  
 Concen: 43.87 ug/l  
 RT: 11.085 min Scan# 1640  
 Delta R.T. 0.000 min  
 Lab File: VX022626.D  
 Acq: 09 Jun 2021 20:01

Tgt Ion: 95 Resp: 44441  
 Ion Ratio Lower Upper  
 95 100  
 174 62.3 0.0 154.6  
 176 59.2 0.0 155.8



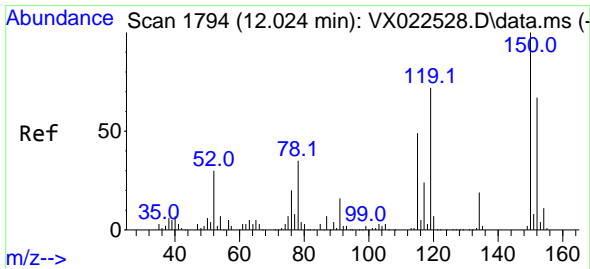
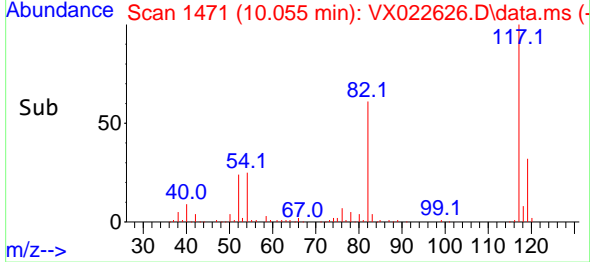
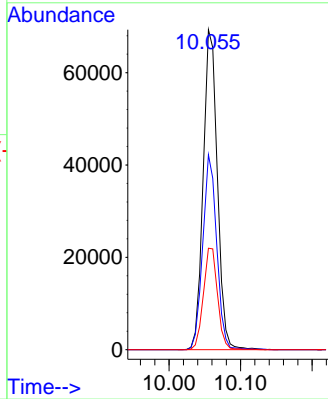
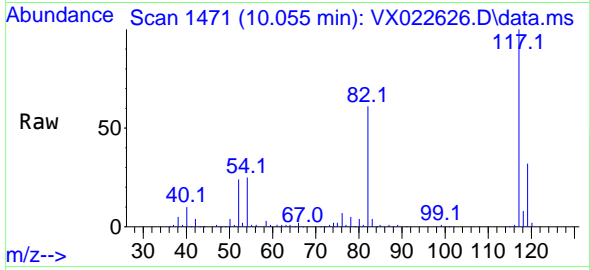


#63  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 10.055 min Scan# 1471  
 Delta R.T. 0.000 min  
 Lab File: VX022626.D  
 Acq: 09 Jun 2021 20:01

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 TRIP-BLANK

Tgt Ion:117 Resp: 95489

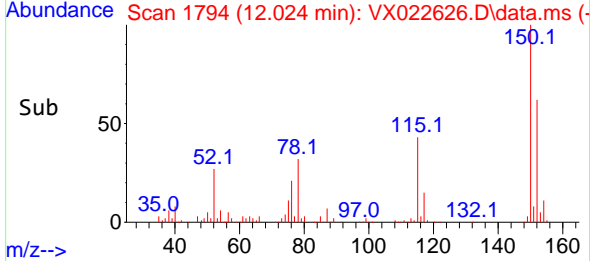
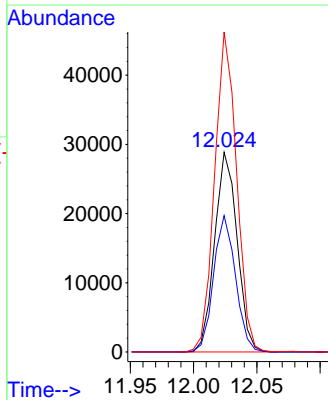
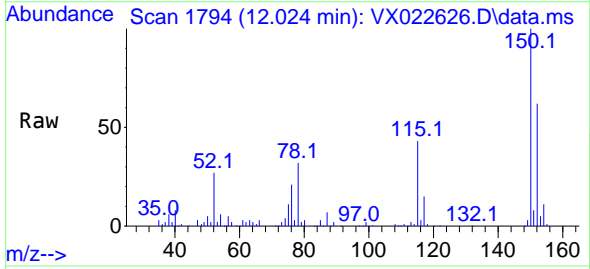
Ion	Ratio	Lower	Upper
117	100		
82	60.9	47.4	71.2
119	31.7	26.6	39.8

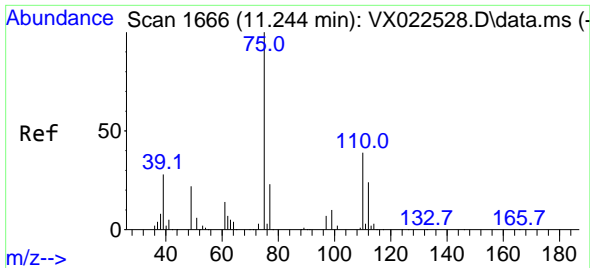


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. -0.000 min  
 Lab File: VX022626.D  
 Acq: 09 Jun 2021 20:01

Tgt Ion:152 Resp: 35658

Ion	Ratio	Lower	Upper
152	100		
115	66.5	41.1	123.3
150	156.8	0.0	349.0

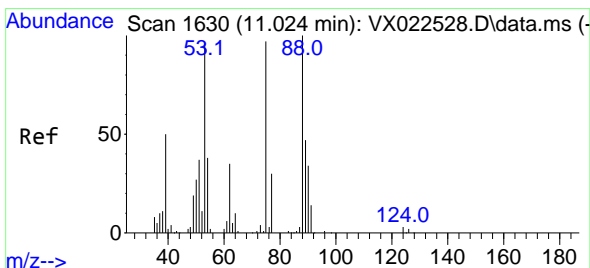
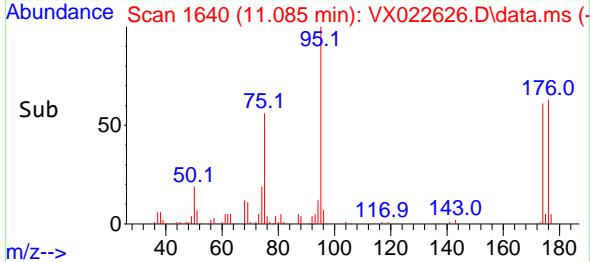
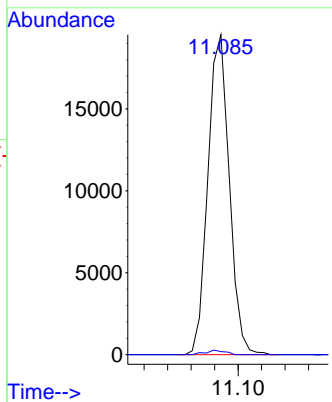
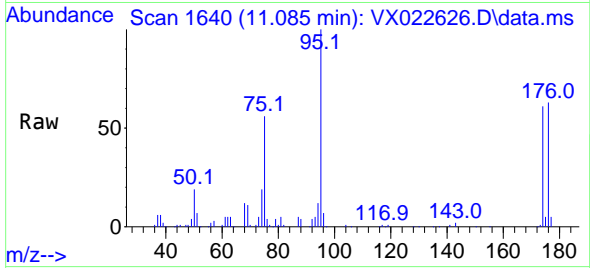




#76  
 1,2,3-Trichloropropane  
 Concen: 26.69 ug/l  
 RT: 11.085 min Scan# 1640  
 Delta R.T. -0.159 min  
 Lab File: VX022626.D  
 Acq: 09 Jun 2021 20:01

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 TRIP-BLANK

Tgt Ion: 75 Resp: 24655  
 Ion Ratio Lower Upper  
 75 100  
 77 1.3 19.1 57.5#



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 65.65 ug/l  
 RT: 11.085 min Scan# 1640  
 Delta R.T. 0.061 min  
 Lab File: VX022626.D  
 Acq: 09 Jun 2021 20:01

Tgt Ion: 75 Resp: 24655  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 74.5 111.7#  
 89 0.0 37.9 56.9#

