

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026951.D
 Acq On : 11 Feb 2022 04:17
 Operator : JC/MD
 Sample : N1467-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DD

Quant Time: Feb 11 07:35:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

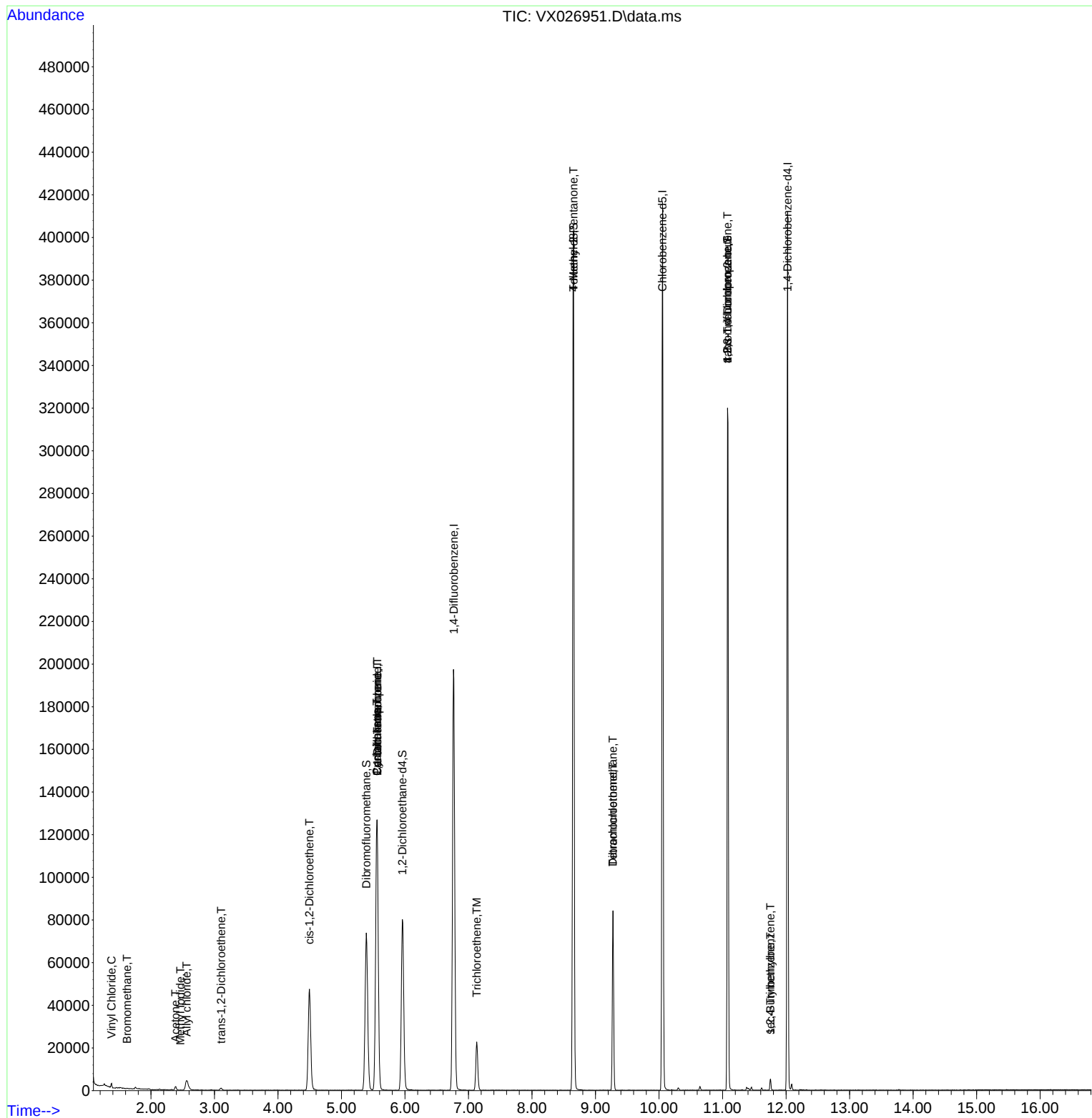
Internal Standards						
1) Pentafluorobenzene	5.562	168	122250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	203943	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78119	53.233	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.460%	
35) Dibromofluoromethane	5.391	113	64488	53.074	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.140%	
50) Toluene-d8	8.653	98	241713	54.194	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.380%	
62) 4-Bromofluorobenzene	11.079	95	89253	56.840	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.680%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	1067	0.824	ug/l	89
5) Bromomethane	1.624	94	114	0.208	ug/l #	55
10) Methyl Iodide	2.465	142	38	2.275	ug/l #	37
14) Allyl chloride	2.562	41	860	0.388	ug/l #	78
16) Acetone	2.386	43	2011	3.120	ug/l	93
21) trans-1,2-Dichloroethene	3.105	96	449	0.341	ug/l #	86
27) cis-1,2-Dichloroethene	4.495	96	30809	20.382	ug/l	87
31) Cyclohexane	5.556	56	2514	1.078	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9530	4.972	ug/l #	50
38) Carbon Tetrachloride	5.562	117	12406	6.172	ug/l #	17
44) Trichloroethene	7.129	130	8862	5.283	ug/l	99
51) 4-Methyl-2-Pentanone	8.653	43	1047	0.515	ug/l #	1
60) Dibromochloromethane	9.275	129	14747	10.704	ug/l #	11
64) Tetrachloroethene	9.275	164	15179	8.004	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	44233	25.553	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	44233	77.866	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	2575	0.498	ug/l	97
85) sec-Butylbenzene	11.756	105	2575	0.416	ug/l #	56

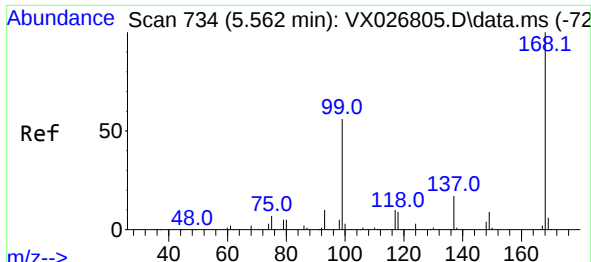
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

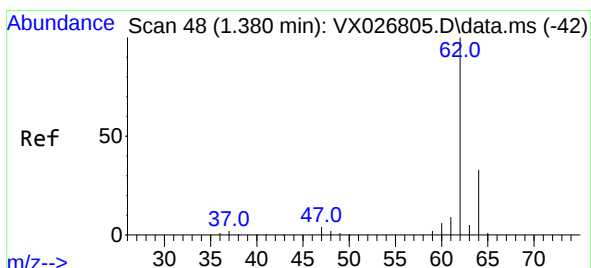
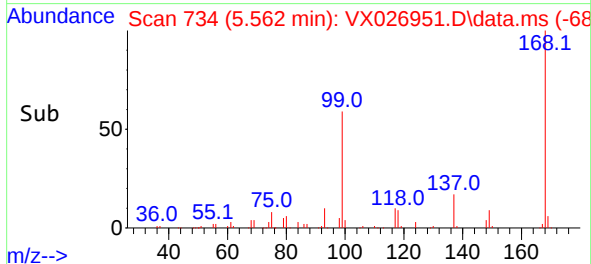
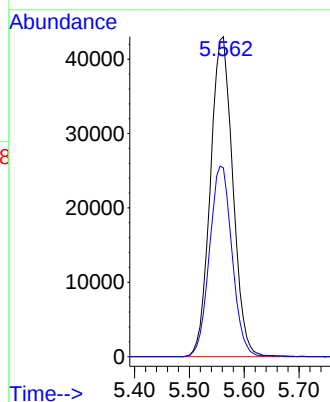
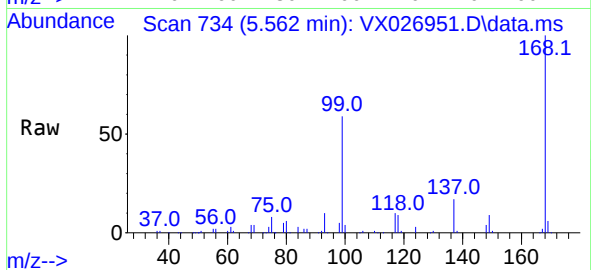




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

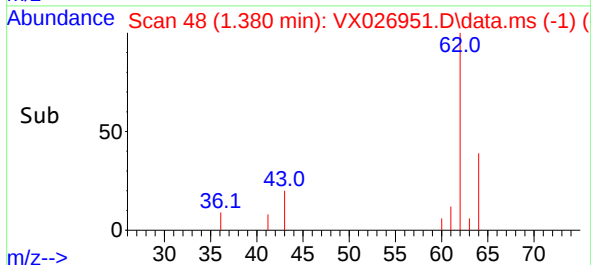
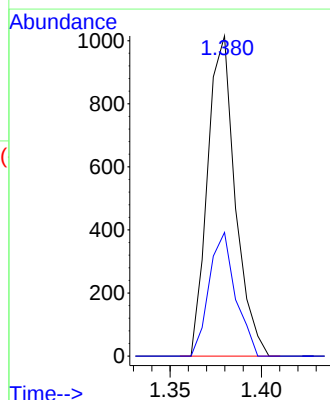
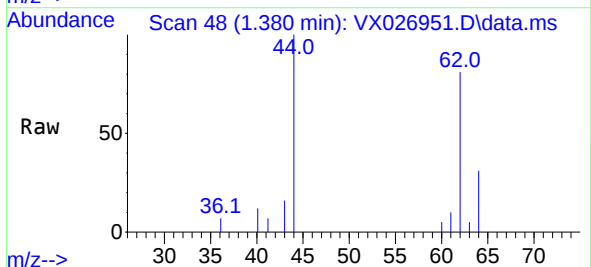
Instrument :
MSVOA_X
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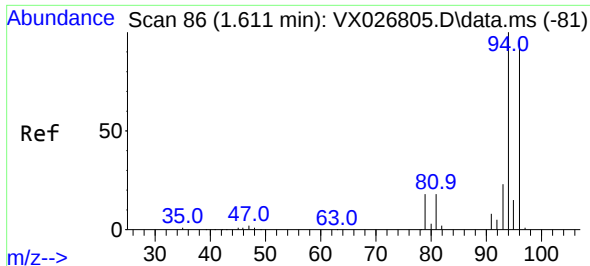
Tgt Ion:168 Resp: 122250
Ion Ratio Lower Upper
168 100
99 59.0 50.3 75.5



#4
Vinyl Chloride
Concen: 0.824 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

Tgt Ion: 62 Resp: 1067
Ion Ratio Lower Upper
62 100
64 38.6 26.2 39.2

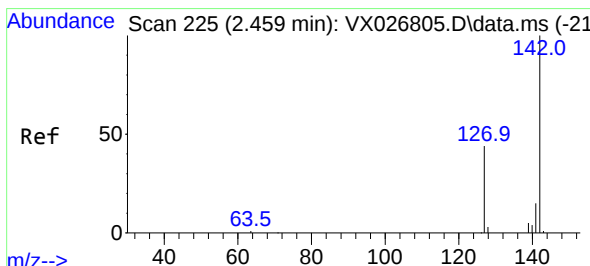
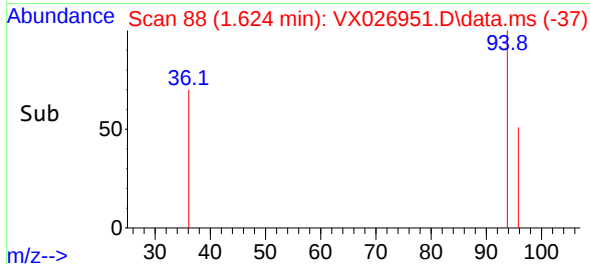
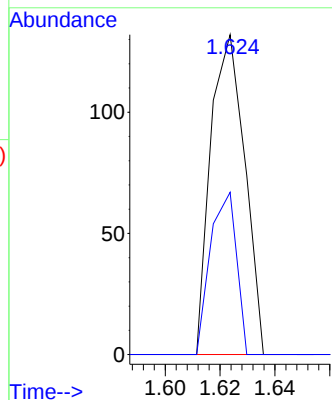
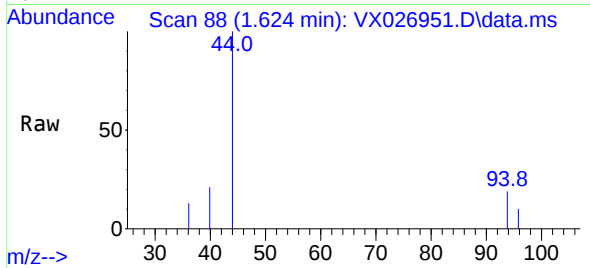




#5
Bromomethane
Concen: 0.208 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

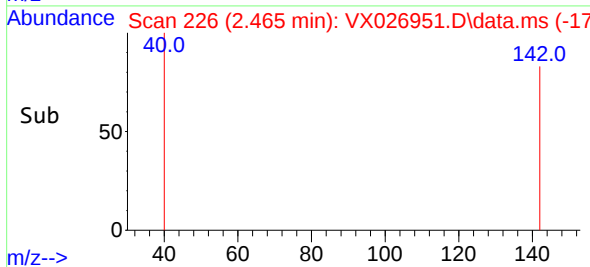
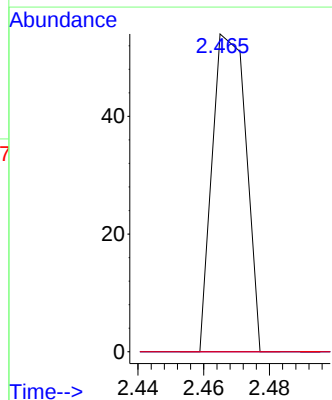
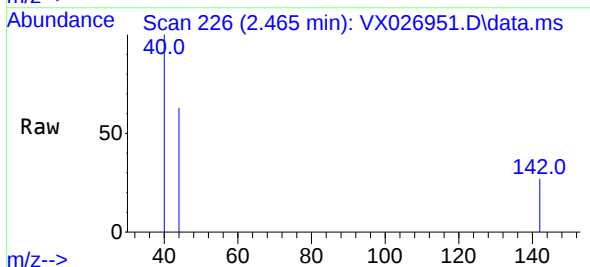
Instrument :
MSVOA_X
ClientSampleId :
MW-1DD

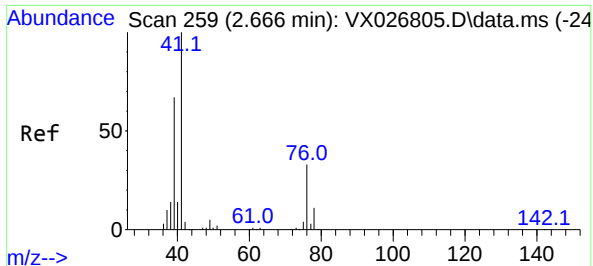
Tgt Ion: 94 Resp: 114
Ion Ratio Lower Upper
94 100
96 50.8 75.9 113.9#



#10
Methyl Iodide
Concen: 2.275 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

Tgt Ion: 142 Resp: 38
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

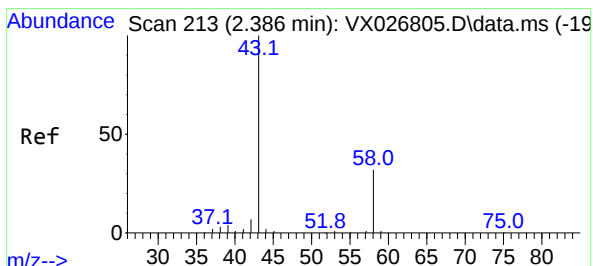
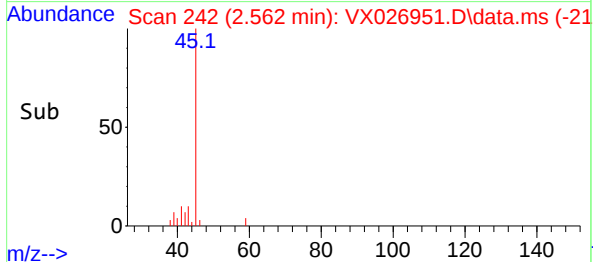
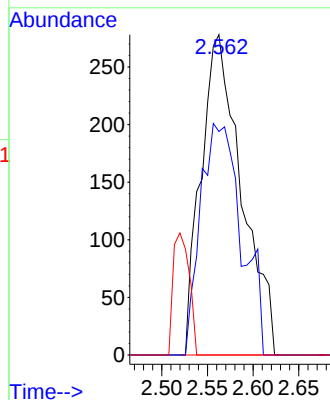
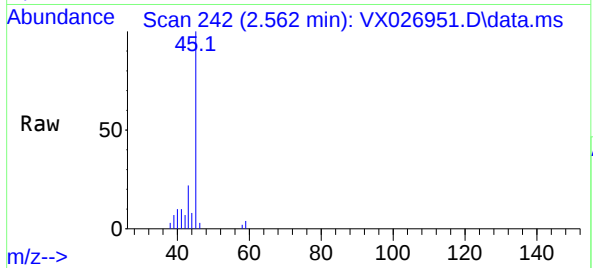




#14
 Allyl chloride
 Concen: 0.388 ug/l
 RT: 2.562 min Scan# 242
 Delta R.T. -0.104 min
 Lab File: VX026951.D
 Acq: 11 Feb 2022 04:17

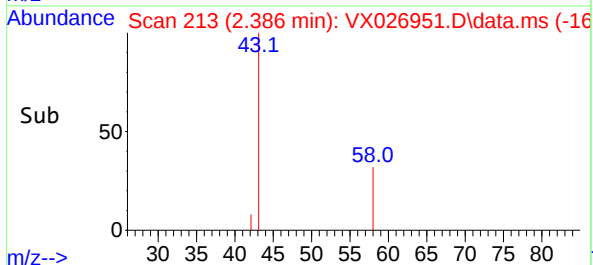
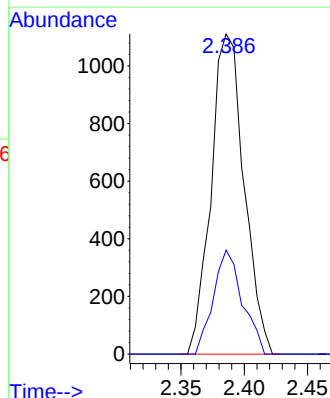
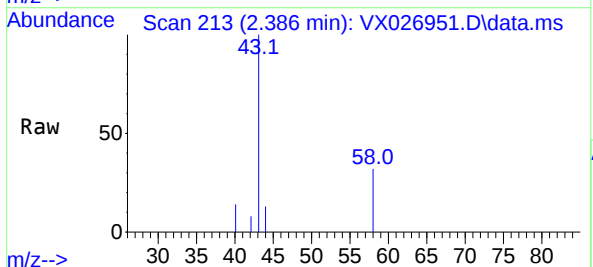
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1DD

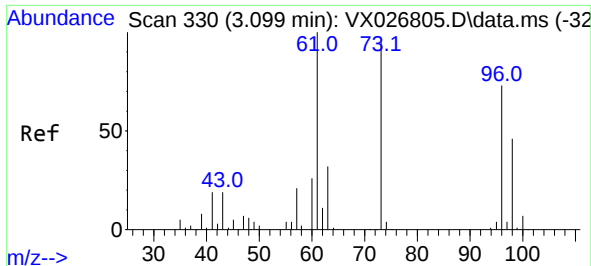
Tgt Ion: 41 Resp: 860
 Ion Ratio Lower Upper
 41 100
 39 72.8 54.2 81.4
 76 0.0 25.2 37.8#



#16
 Acetone
 Concen: 3.120 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VX026951.D
 Acq: 11 Feb 2022 04:17

Tgt Ion: 43 Resp: 2011
 Ion Ratio Lower Upper
 43 100
 58 32.5 23.0 34.6

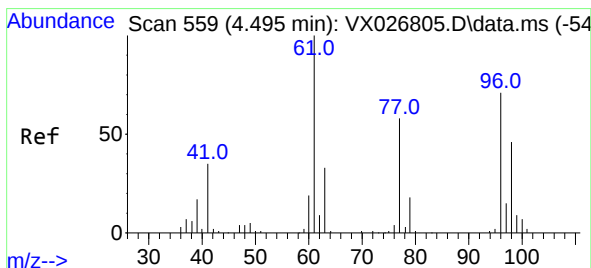
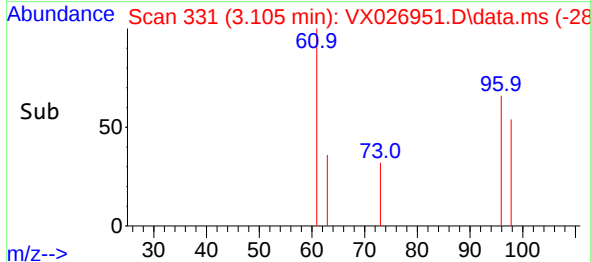
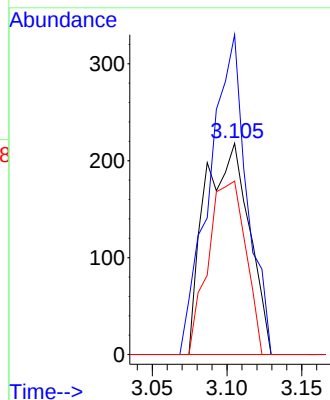
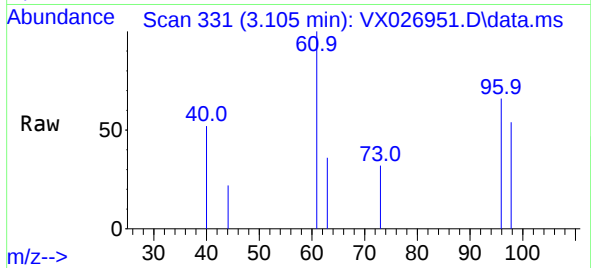




#21
trans-1,2-Dichloroethene
Concen: 0.341 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

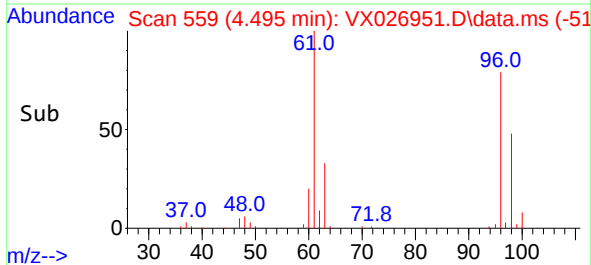
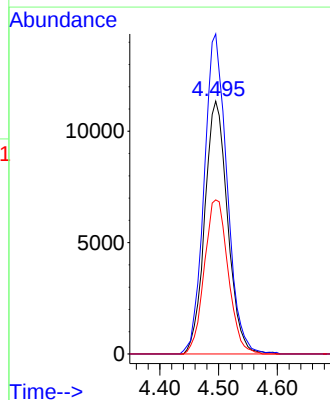
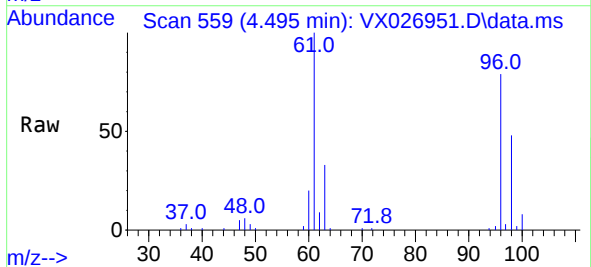
Instrument :
MSVOA_X
ClientSampleId :
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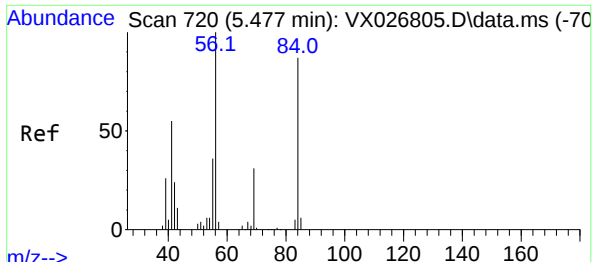
Tgt Ion: 96 Resp: 449
Ion Ratio Lower Upper
96 100
61 151.4 112.9 169.3
98 82.1 49.5 74.3#



#27
cis-1,2-Dichloroethene
Concen: 20.382 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

Tgt Ion: 96 Resp: 30809
Ion Ratio Lower Upper
96 100
61 126.3 0.0 296.6
98 63.4 0.0 128.8

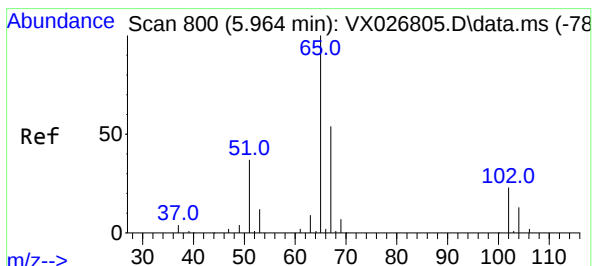
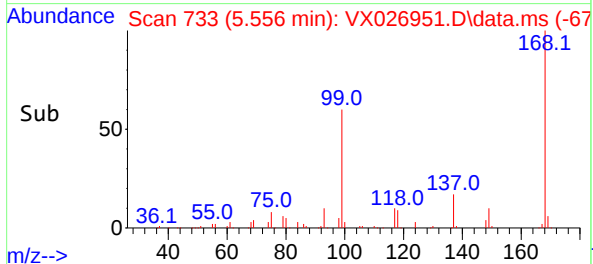
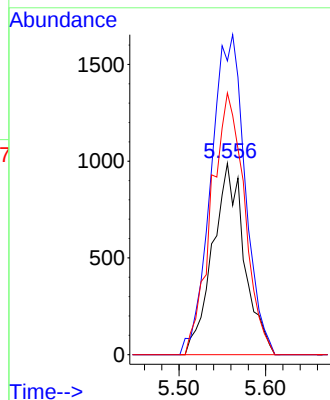
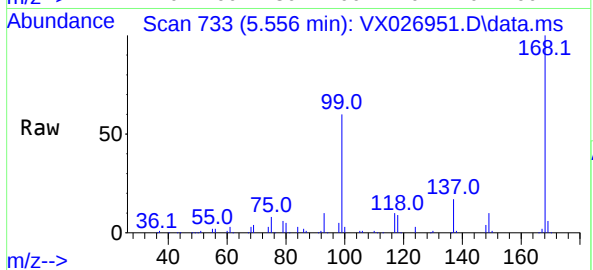




#31
Cyclohexane
Concen: 1.078 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

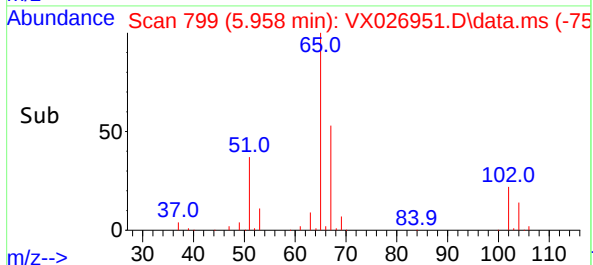
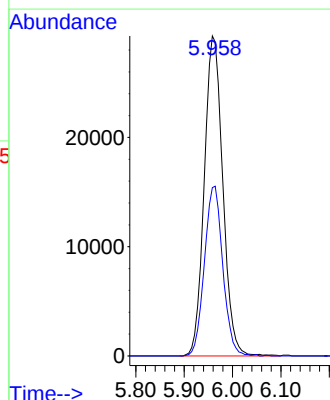
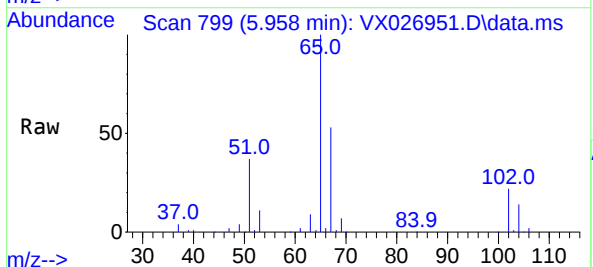
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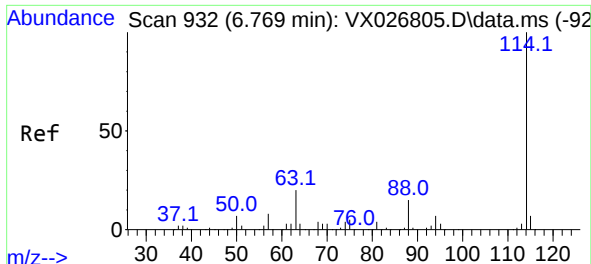
Tgt Ion: 56 Resp: 2514
Ion Ratio Lower Upper
56 100
69 153.5 25.8 38.6#
84 136.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 53.233 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

Tgt Ion: 65 Resp: 78119
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.8

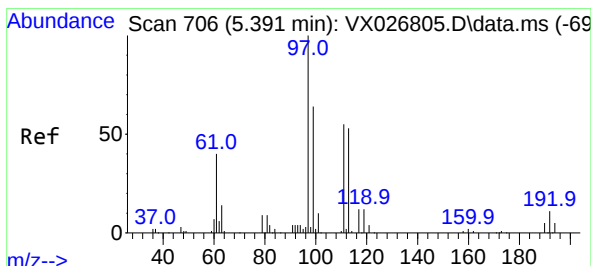
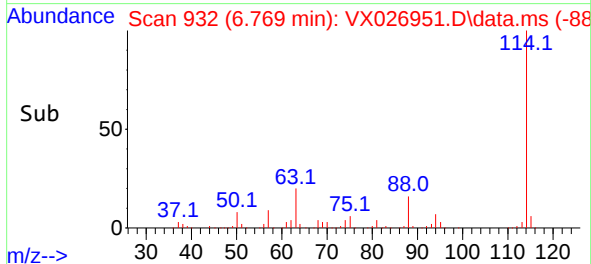
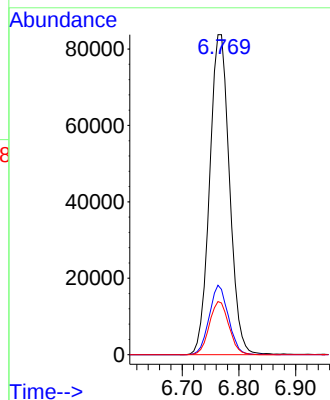
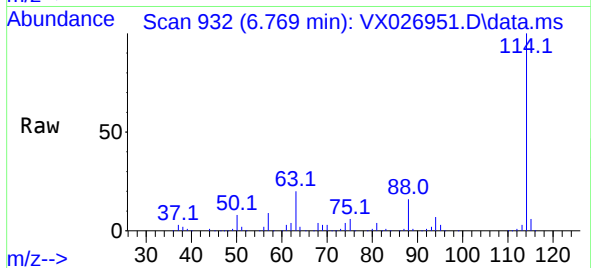




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

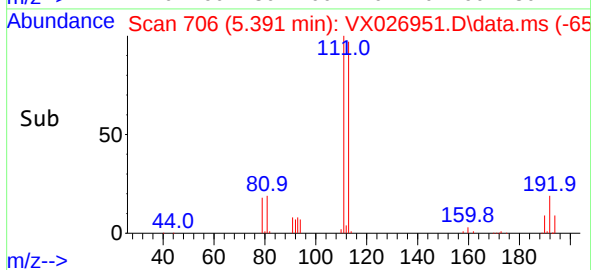
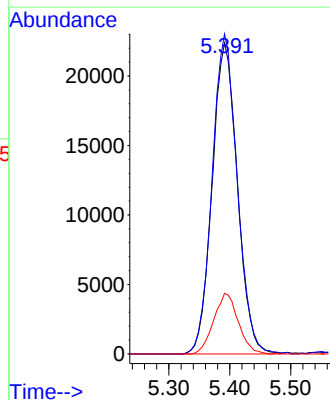
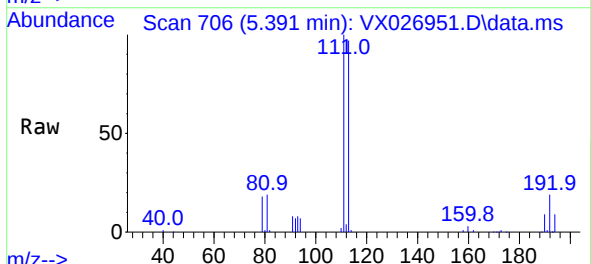
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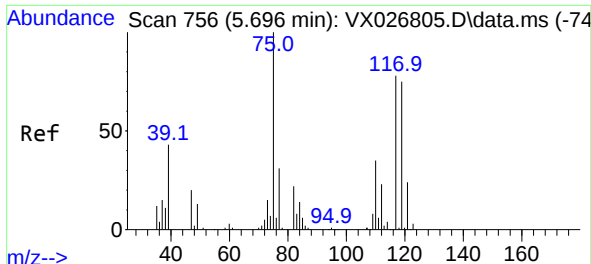
Tgt Ion:114 Resp: 203943
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.8
88 16.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 53.074 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

Tgt Ion:113 Resp: 64488
Ion Ratio Lower Upper
113 100
111 102.0 81.2 121.8
192 18.9 15.0 22.4

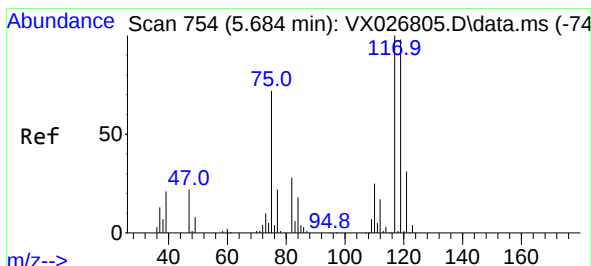
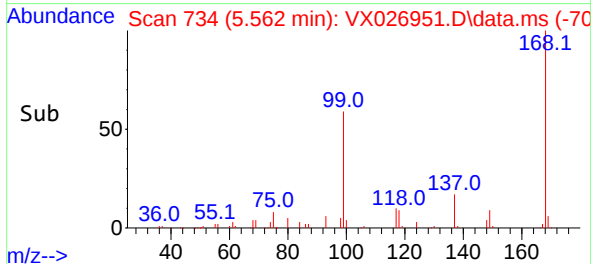
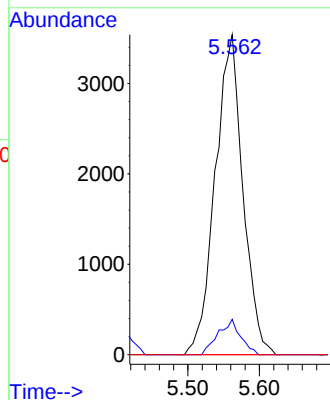
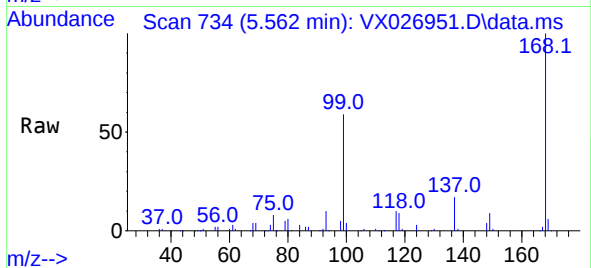




#36
1,1-Dichloropropene
Concen: 4.972 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

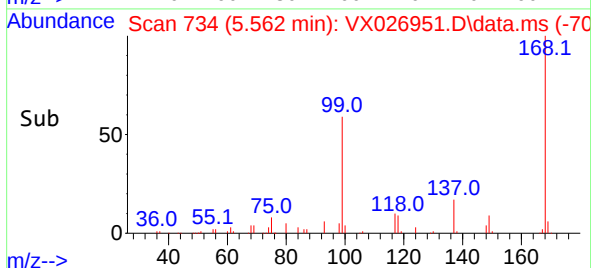
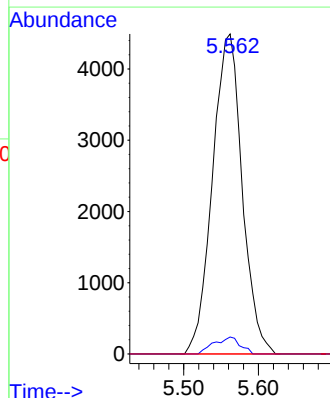
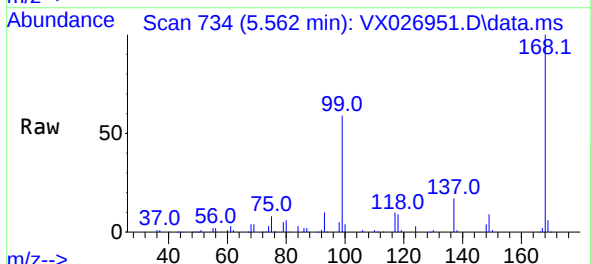
Instrument :
MSVOA_X
ClientSampleId :
MW-1DD

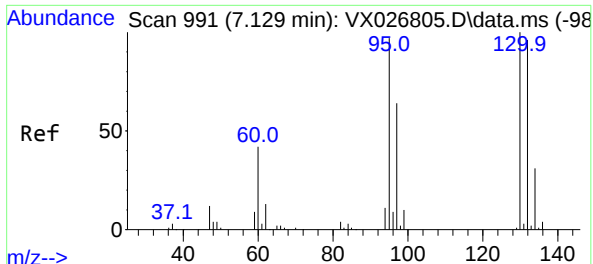
Tgt Ion: 75 Resp: 9530
Ion Ratio Lower Upper
75 100
110 9.0 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.172 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

Tgt Ion: 117 Resp: 12406
Ion Ratio Lower Upper
117 100
119 5.3 74.7 112.1#
121 0.0 25.4 38.0#

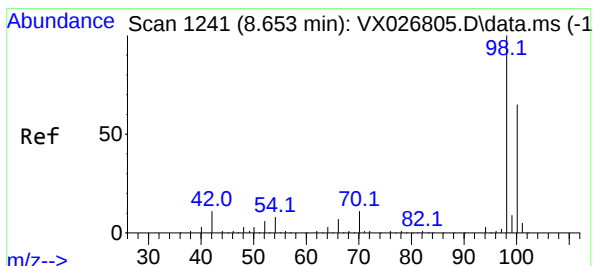
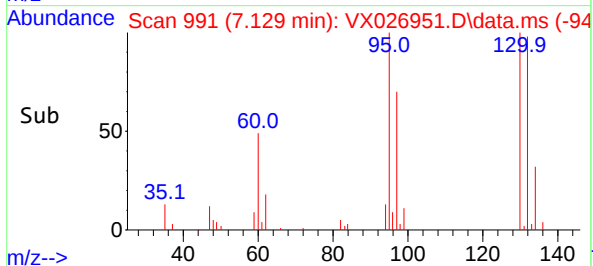
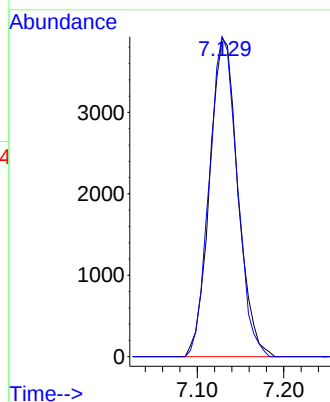
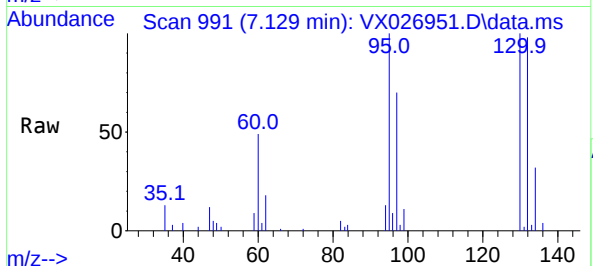




#44
Trichloroethene
Concen: 5.283 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

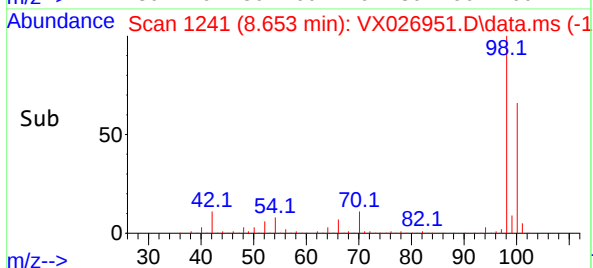
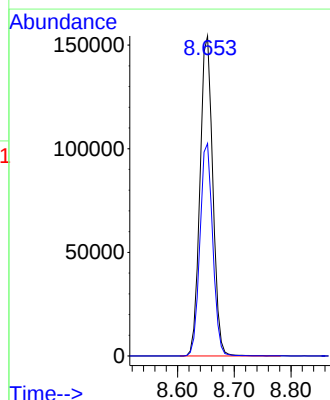
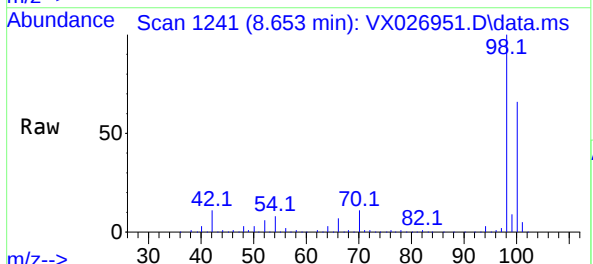
Instrument :
MSVOA_X
ClientSampleId :
MW-1DD

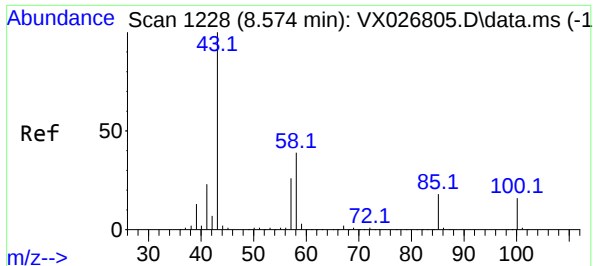
Tgt Ion:130 Resp: 8862
Ion Ratio Lower Upper
130 100
95 100.4 0.0 202.6



#50
Toluene-d8
Concen: 54.194 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

Tgt Ion: 98 Resp: 241713
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8

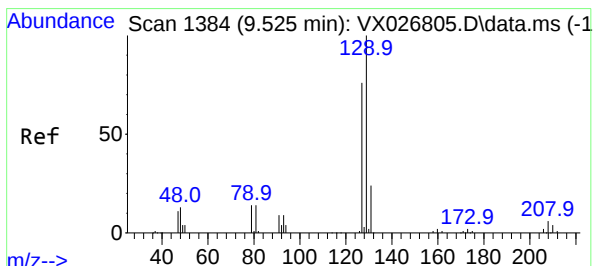
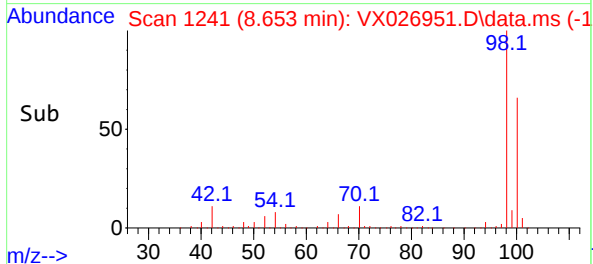
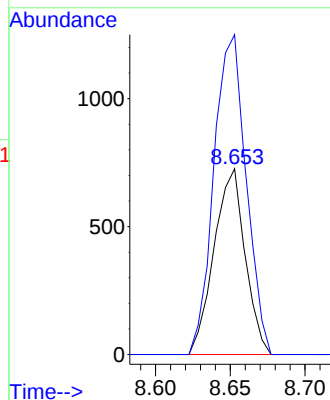
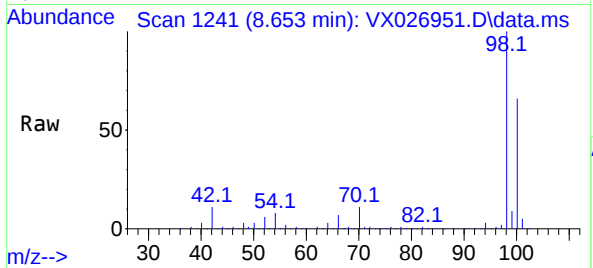




#51
4-Methyl-2-Pentanone
Concen: 0.515 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

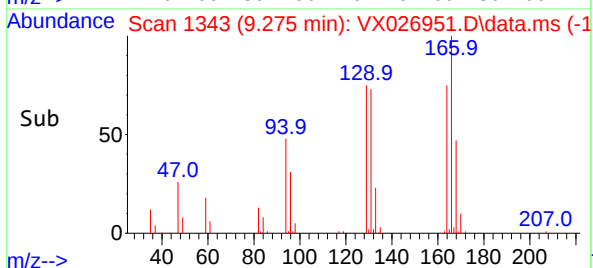
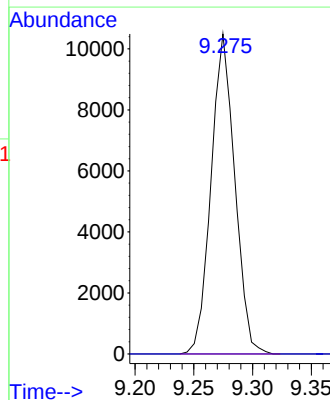
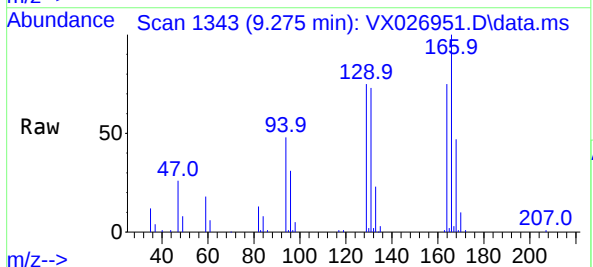
Instrument :
MSVOA_X
ClientSampleId :
MW-1DD

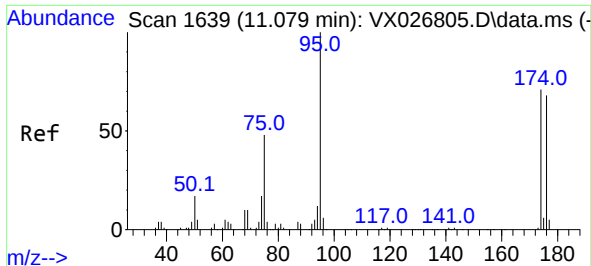
Tgt Ion: 43 Resp: 1047
Ion Ratio Lower Upper
43 100
58 179.3 30.5 45.7#



#60
Dibromochloromethane
Concen: 10.704 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

Tgt Ion: 129 Resp: 14747
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

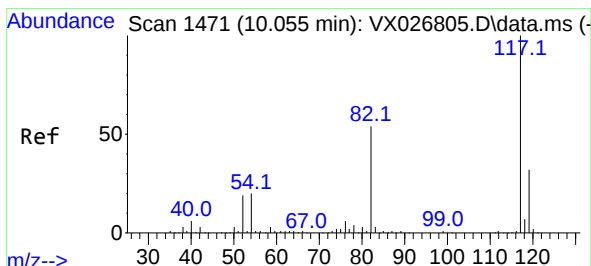
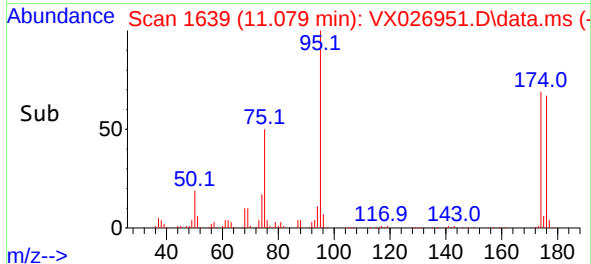
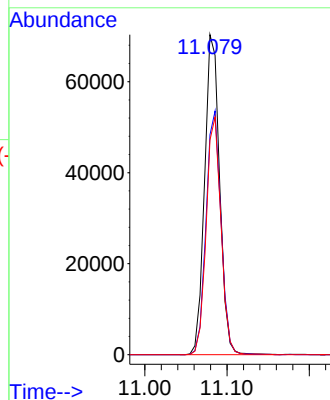
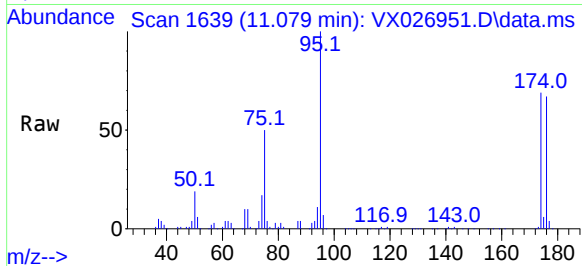




#62
4-Bromofluorobenzene
Concen: 56.840 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

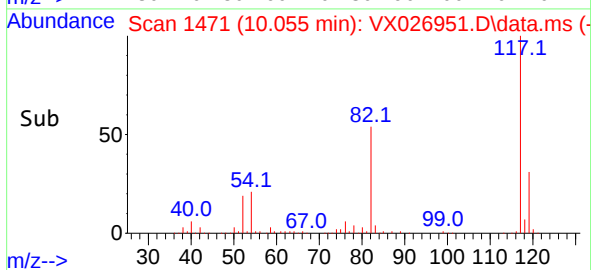
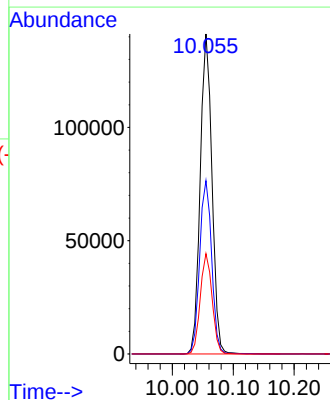
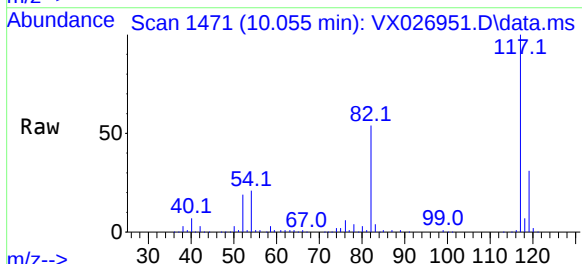
Instrument :
MSVOA_X
ClientSampleId :
MW-1DD

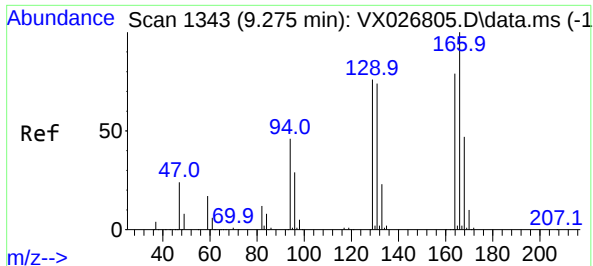
Tgt Ion: 95 Resp: 89253
Ion Ratio Lower Upper
95 100
174 75.7 0.0 148.6
176 73.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

Tgt Ion: 117 Resp: 188819
Ion Ratio Lower Upper
117 100
82 54.2 45.2 67.8
119 31.3 26.2 39.2



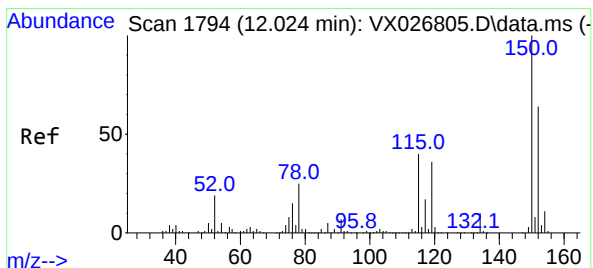
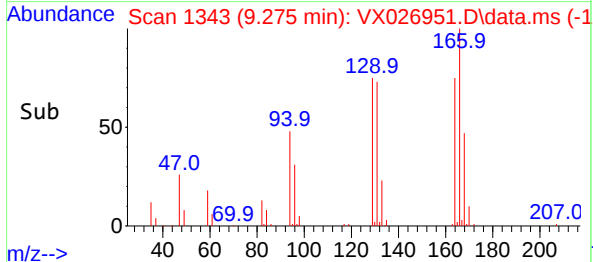
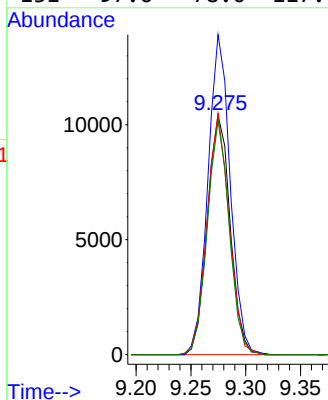
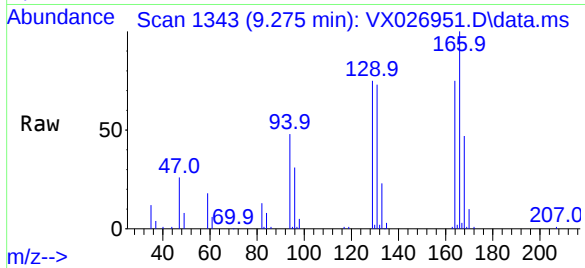


#64
Tetrachloroethene
Concen: 8.004 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

Instrument :
MSVOA_X
ClientSampleId :
MW-1DD

Tgt Ion:164 Resp: 15179

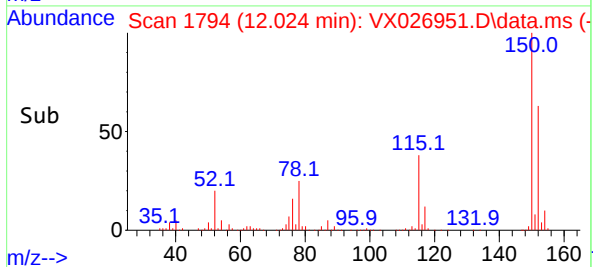
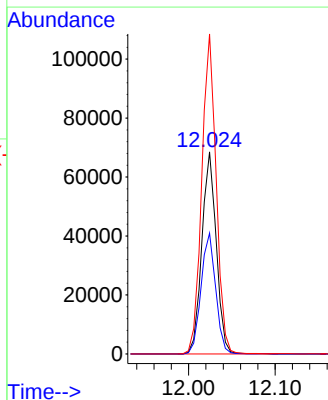
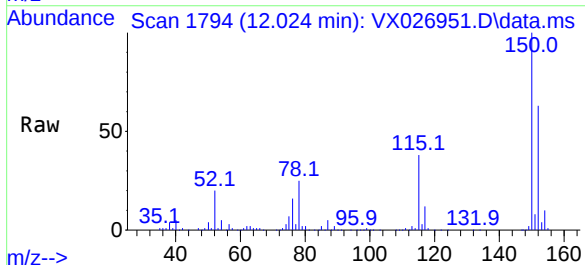
Ion	Ratio	Lower	Upper
164	100		
166	133.6	101.8	152.6
129	100.7	83.3	124.9
131	97.6	78.0	117.0

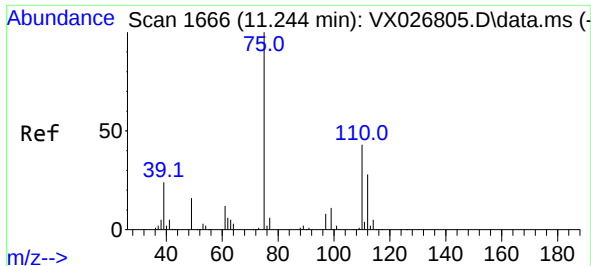


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

Tgt Ion:152 Resp: 79078

Ion	Ratio	Lower	Upper
152	100		
115	60.6	44.2	132.6
150	158.7	0.0	348.2

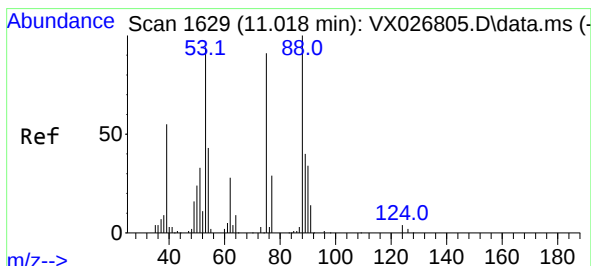
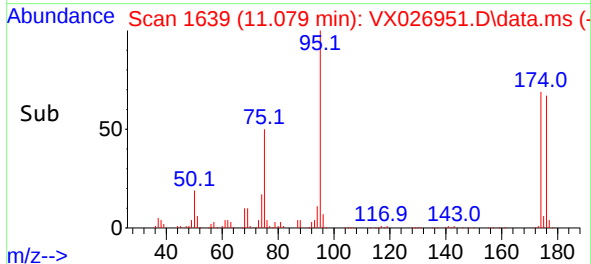
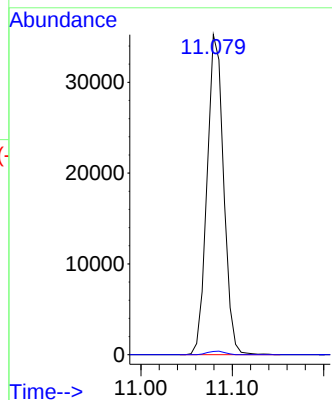
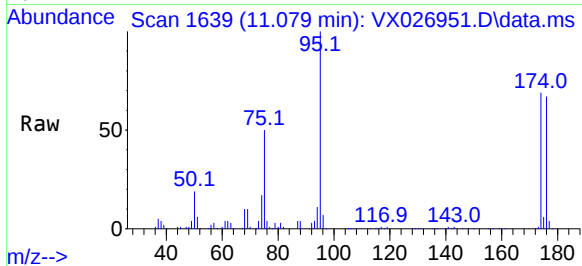




#76
1,2,3-Trichloropropane
Concen: 25.553 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

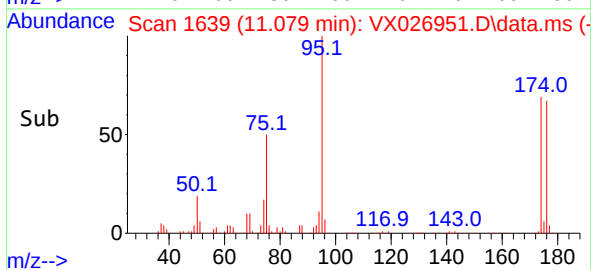
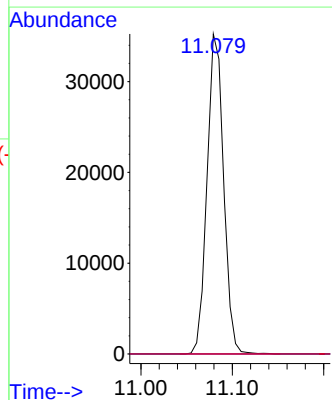
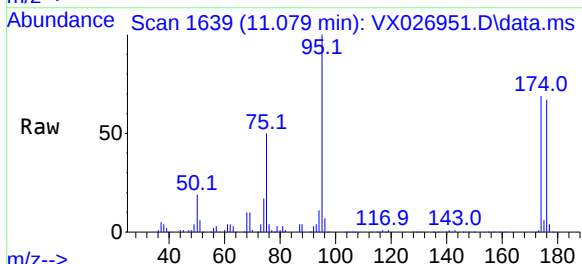
Instrument :
MSVOA_X
ClientSampleId :
MW-1DD

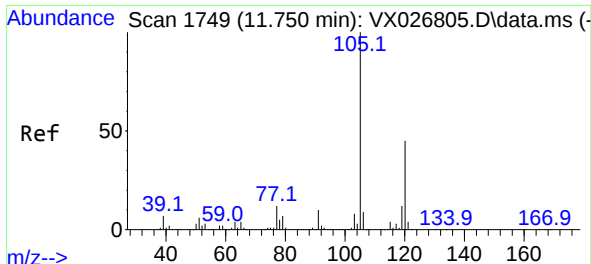
Tgt Ion: 75 Resp: 44233
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.866 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

Tgt Ion: 75 Resp: 44233
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

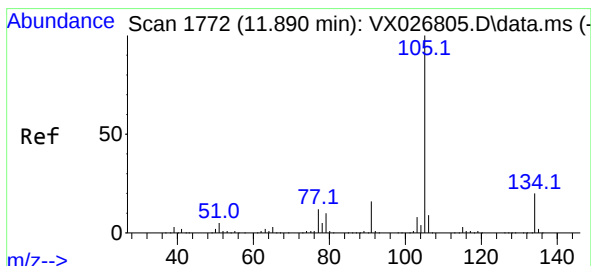
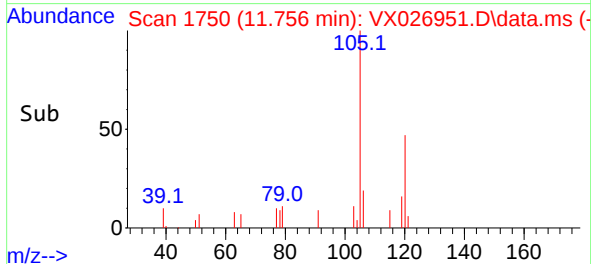
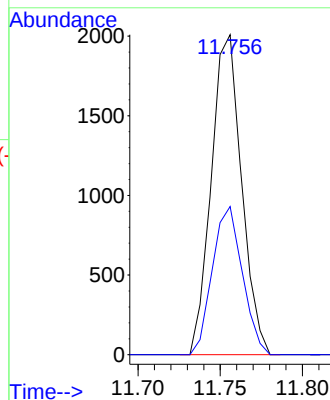
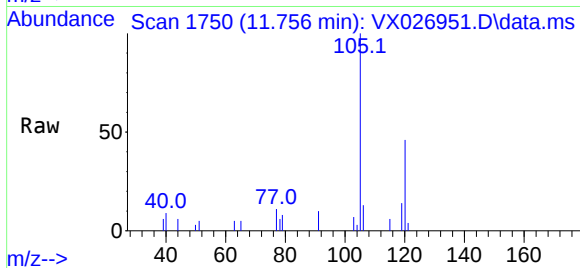




#84
1,2,4-Trimethylbenzene
Concen: 0.498 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

Instrument :
MSVOA_X
ClientSampleId :
MW-1DD

Tgt Ion:105 Resp: 2575
Ion Ratio Lower Upper
105 100
120 45.9 21.9 65.5



#85
sec-Butylbenzene
Concen: 0.416 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX026951.D
Acq: 11 Feb 2022 04:17

Tgt Ion:105 Resp: 2575
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#

