

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026948.D
 Acq On : 11 Feb 2022 03:08
 Operator : JC/MD
 Sample : N1467-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1D

Quant Time: Feb 11 04:09:05 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)

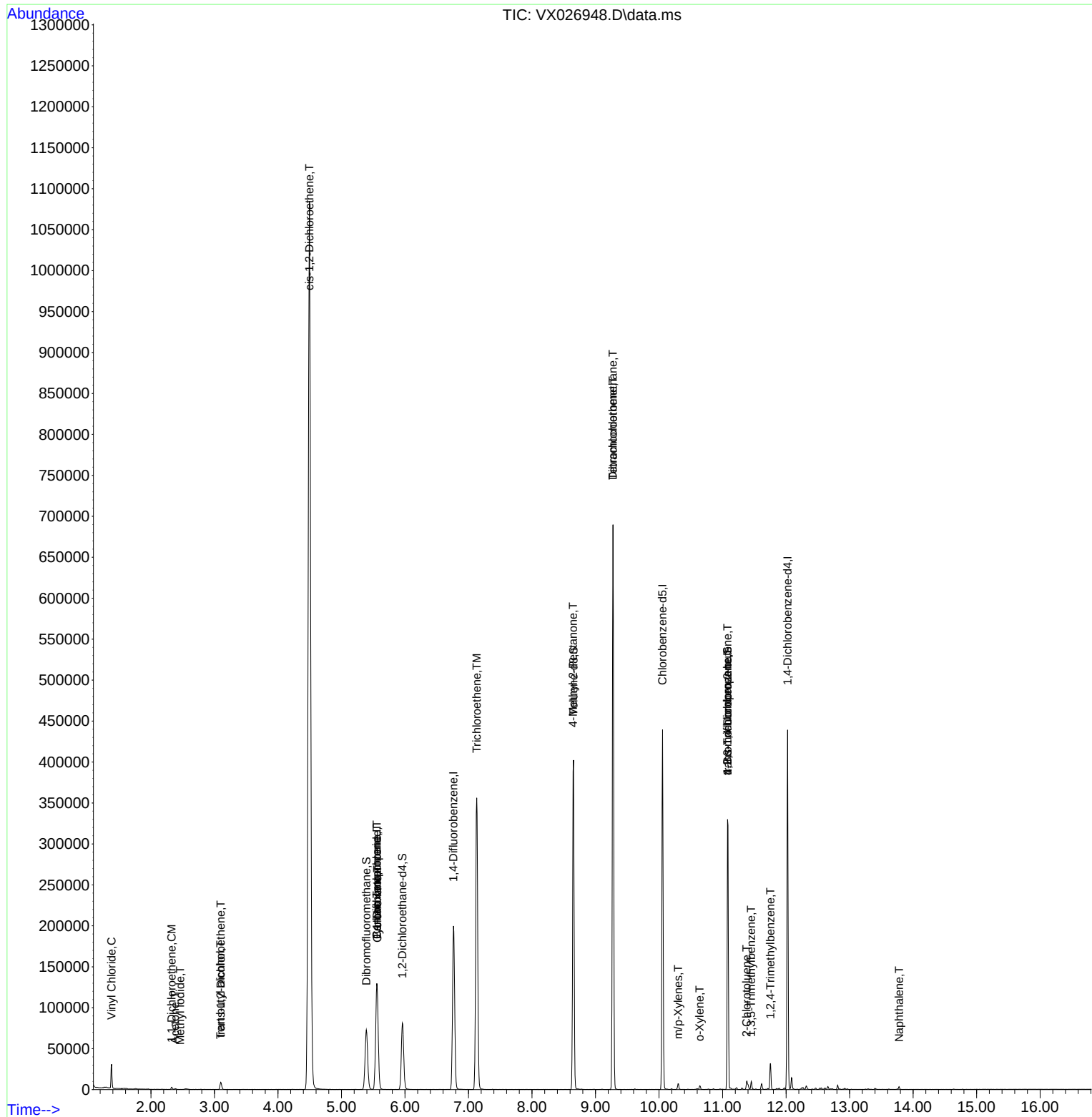
Internal Standards						
1) Pentafluorobenzene	5.556	168	123282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78364	52.953	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.900%	
35) Dibromofluoromethane	5.391	113	64105	52.144	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.280%	
50) Toluene-d8	8.653	98	241263	53.462	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.920%	
62) 4-Bromofluorobenzene	11.079	95	92254	58.065	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.140%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	18730	14.348	ug/l	99
10) Methyl Iodide	2.459	142	99	2.308	ug/l #	37
11) Tert butyl alcohol	3.093	59	127	0.475	ug/l #	1
12) 1,1-Dichloroethene	2.325	96	913	0.724	ug/l	82
16) Acetone	2.380	43	1209	1.860	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	3462	2.608	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	679604	445.825	ug/l	88
31) Cyclohexane	5.562	56	2554	1.086	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9401	4.847	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12691	6.240	ug/l #	16
44) Trichloroethene	7.129	130	141324	83.269	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	1056	0.514	ug/l #	1
60) Dibromochloromethane	9.275	129	122199	87.659	ug/l #	11
64) Tetrachloroethene	9.275	164	126602	65.781	ug/l	97
68) m/p-Xylenes	10.299	106	1657	0.614	ug/l	99
69) o-Xylene	10.640	106	1122	0.424	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	46105	24.798	ug/l #	40
79) 2-Chlorotoluene	11.378	91	1002	0.219	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	4283	0.778	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.079	75	46105	75.668	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	14527	2.616	ug/l	98
95) Naphthalene	13.780	128	2603	0.419	ug/l	95

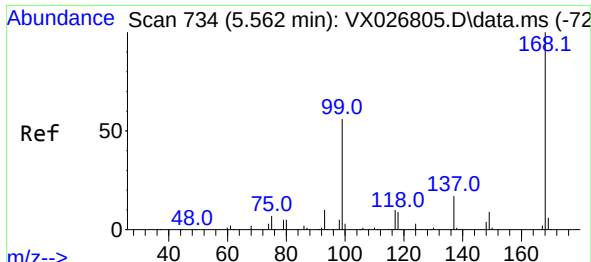
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

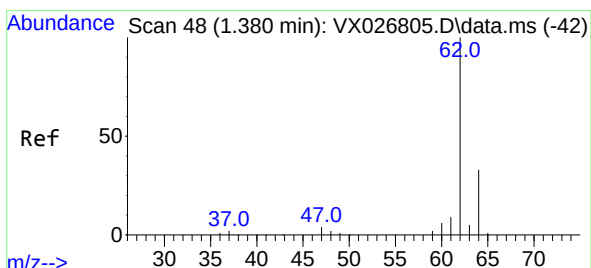
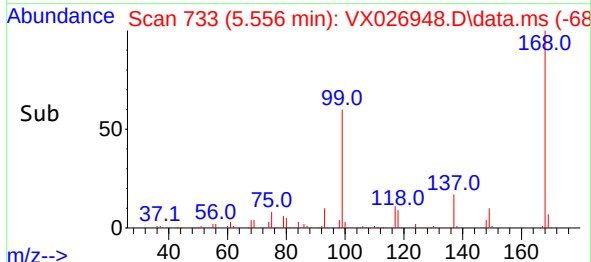
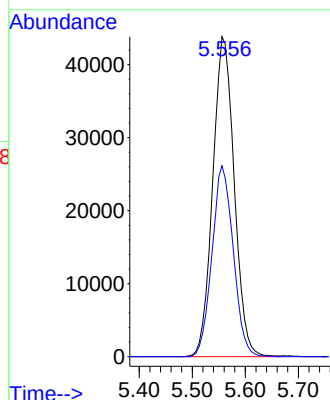
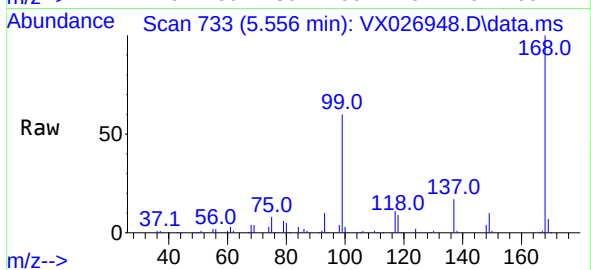




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

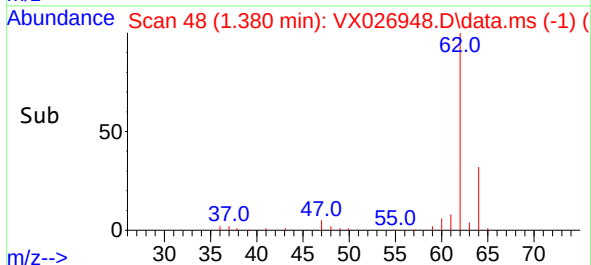
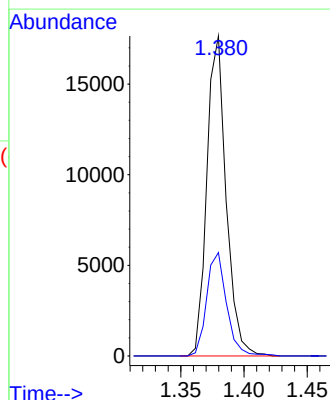
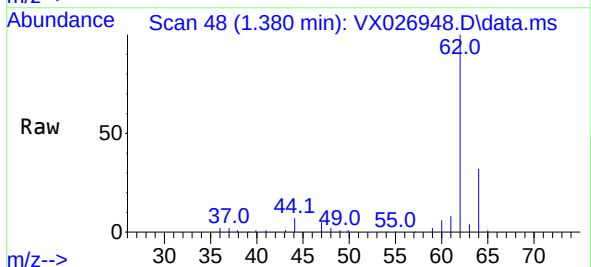
Instrument :
MSVOA_X
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MW-1D

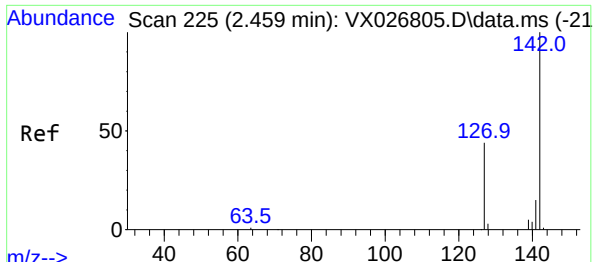
Tgt Ion:168 Resp: 123282
Ion Ratio Lower Upper
168 100
99 59.6 50.3 75.5



#4
Vinyl Chloride
Concen: 14.348 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

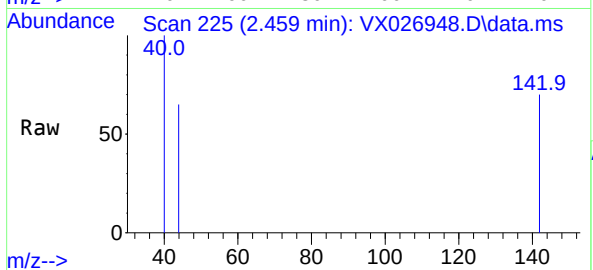
Tgt Ion: 62 Resp: 18730
Ion Ratio Lower Upper
62 100
64 32.3 26.2 39.2





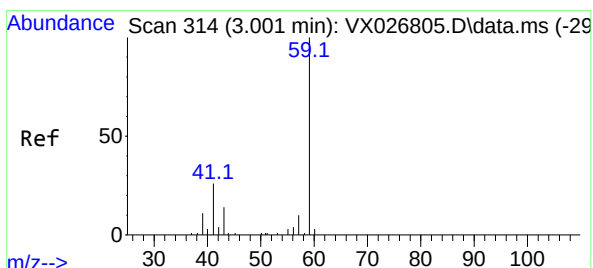
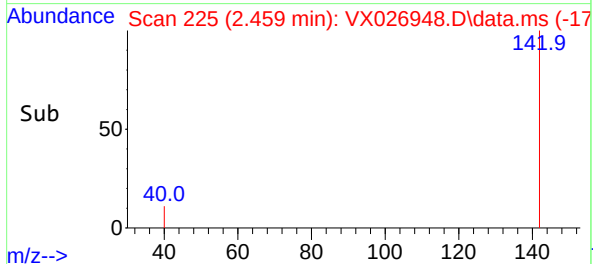
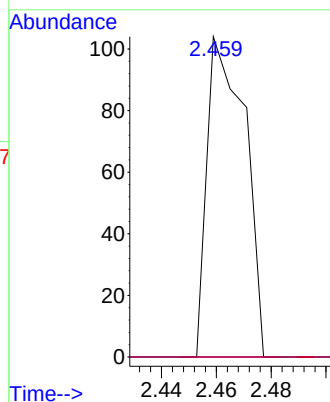
#10
Methyl Iodide
Concen: 2.308 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

Instrument :
MSVOA_X
ClientSampleId :
MW-1D



Tgt Ion:142 Resp: 99

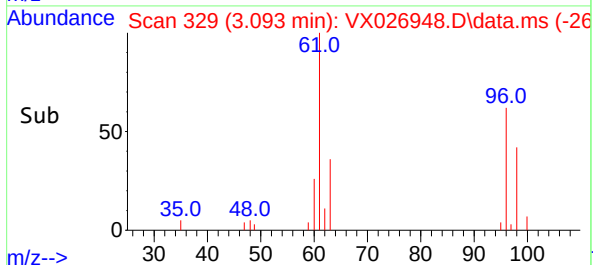
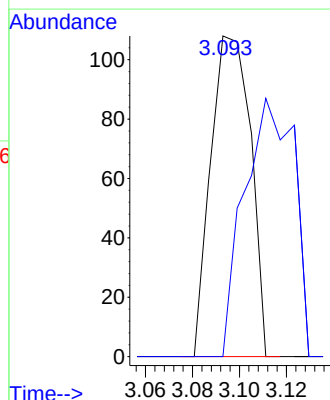
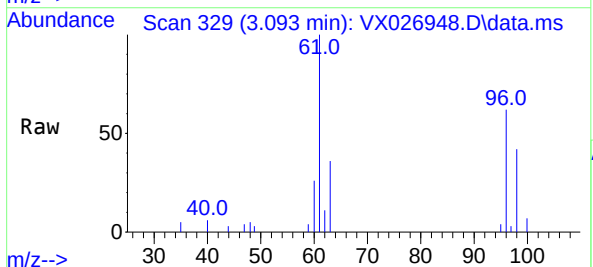
Ion	Ratio	Lower	Upper
142	100		
127	0.0	38.1	57.1#
141	0.0	11.2	16.8#

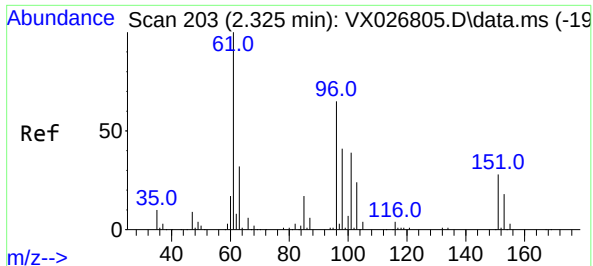


#11
Tert butyl alcohol
Concen: 0.475 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.092 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

Tgt Ion: 59 Resp: 127

Ion	Ratio	Lower	Upper
59	100		
57	100.8	7.2	10.8#



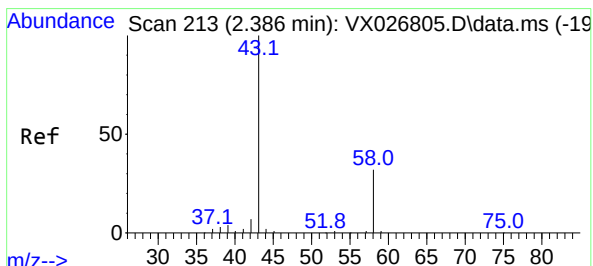
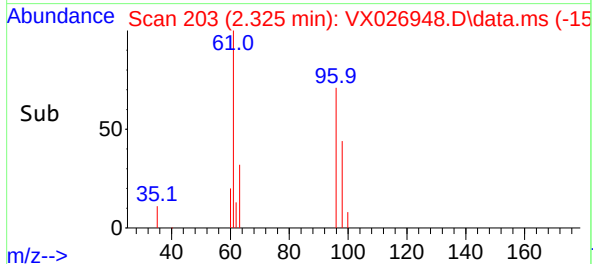
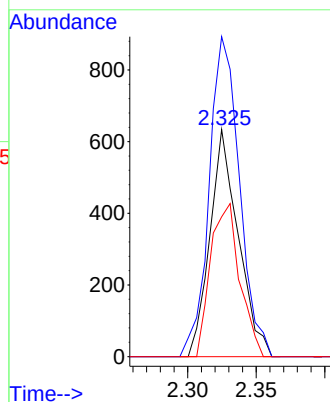
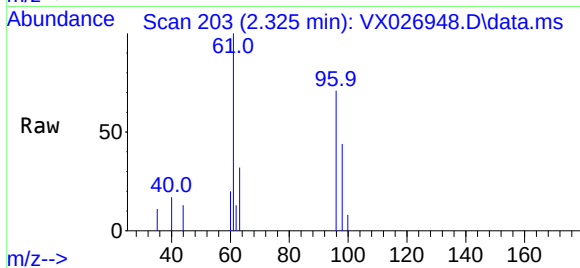


#12
1,1-Dichloroethene
Concen: 0.724 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion: 96 Resp: 913

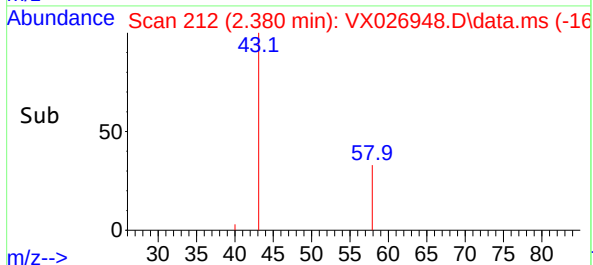
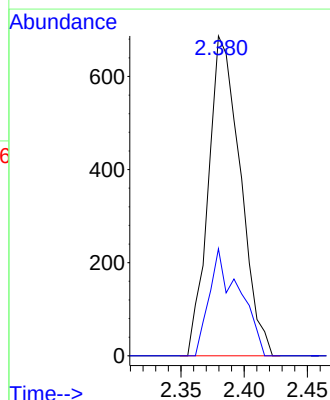
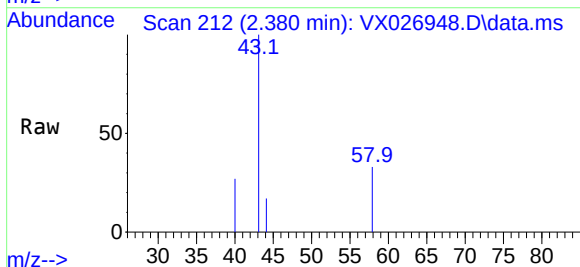
Ion	Ratio	Lower	Upper
96	100		
61	140.9	138.5	207.7
98	61.5	51.8	77.6

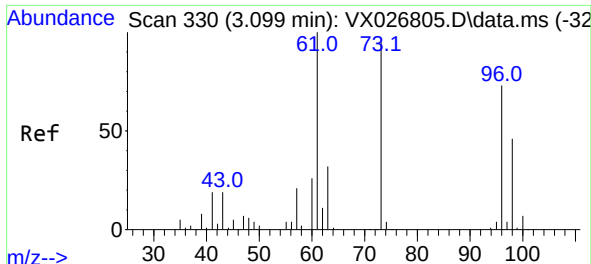


#16
Acetone
Concen: 1.860 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

Tgt Ion: 43 Resp: 1209

Ion	Ratio	Lower	Upper
43	100		
58	33.5	23.0	34.6

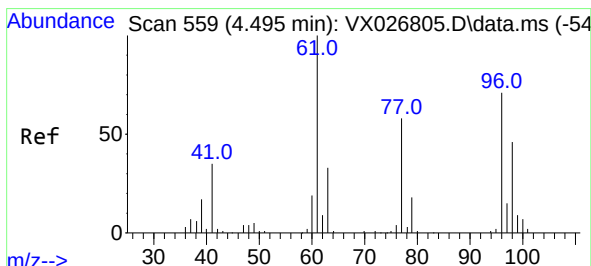
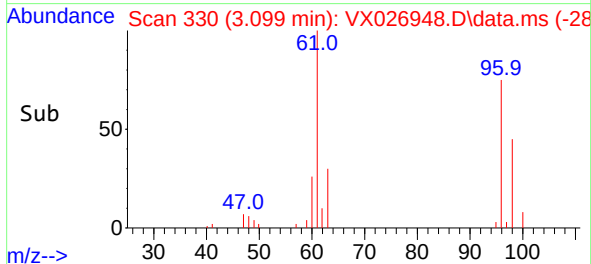
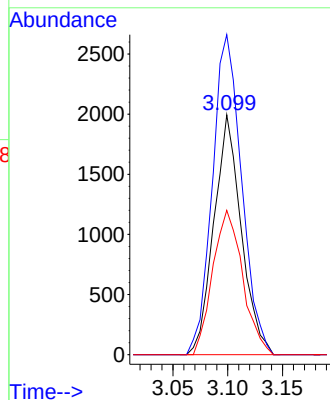
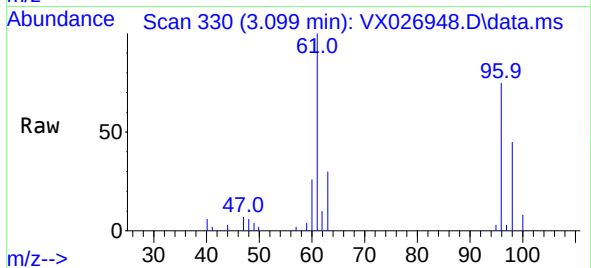




#21
trans-1,2-Dichloroethene
Concen: 2.608 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

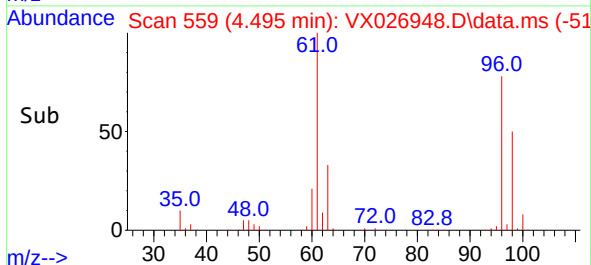
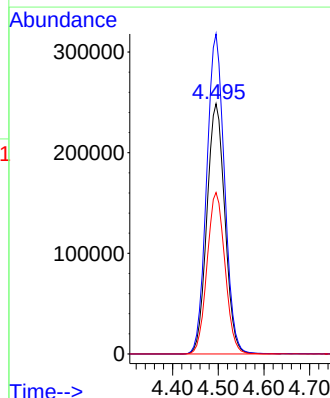
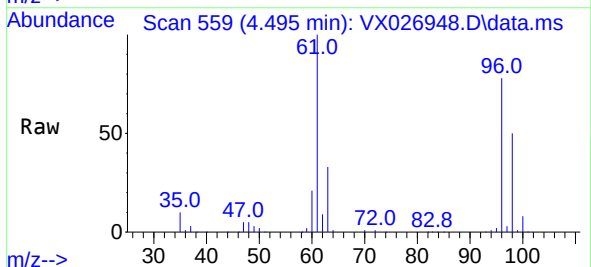
Instrument :
MSVOA_X
ClientSampleId :
MW-1D

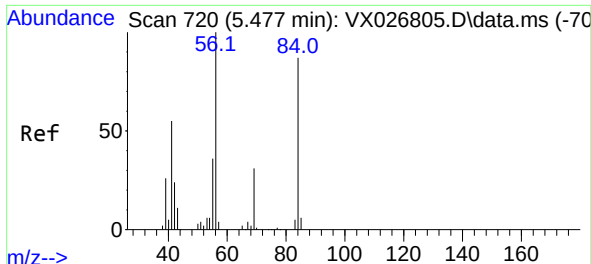
Tgt Ion: 96 Resp: 3462
Ion Ratio Lower Upper
96 100
61 133.4 112.9 169.3
98 60.2 49.5 74.3



#27
cis-1,2-Dichloroethene
Concen: 445.825 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

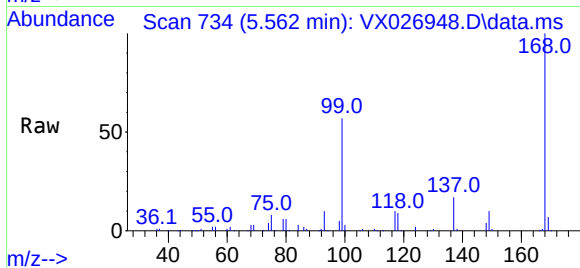
Tgt Ion: 96 Resp: 679604
Ion Ratio Lower Upper
96 100
61 126.8 0.0 296.6
98 64.4 0.0 128.8



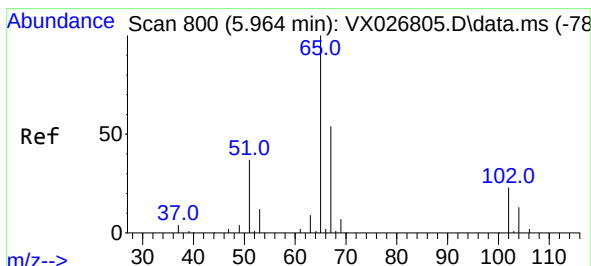
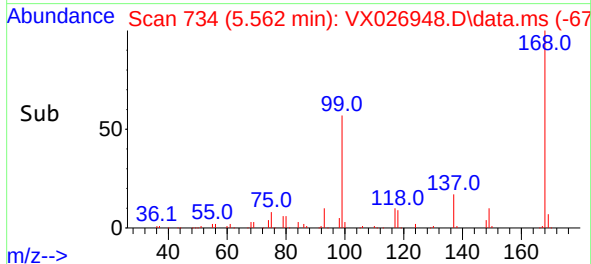
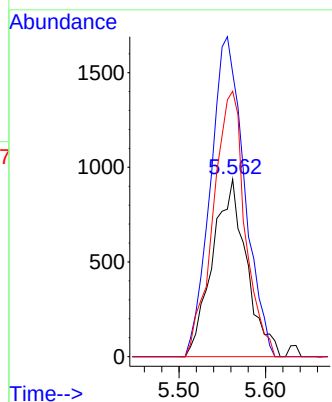


#31
Cyclohexane
Concen: 1.086 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

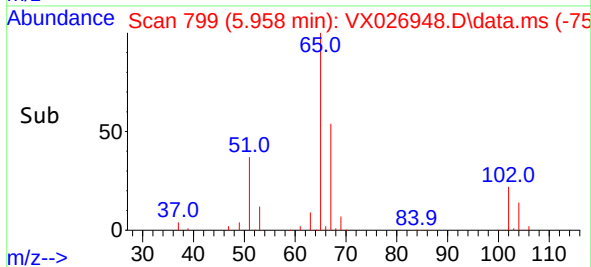
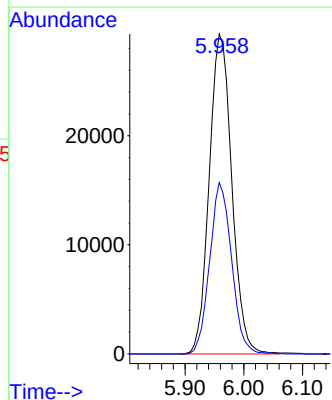
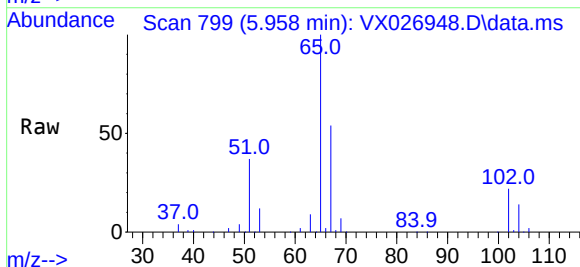


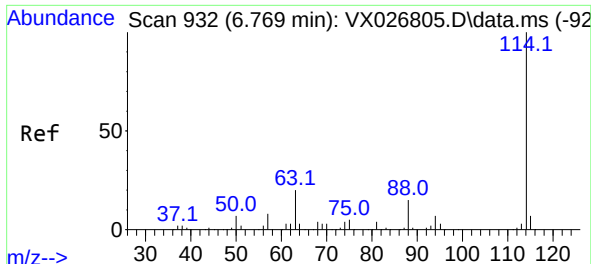
Tgt Ion: 56 Resp: 2554
Ion Ratio Lower Upper
56 100
69 159.9 25.8 38.6#
84 149.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.953 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

Tgt Ion: 65 Resp: 78364
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.8

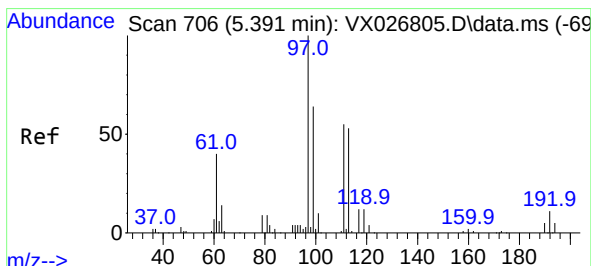
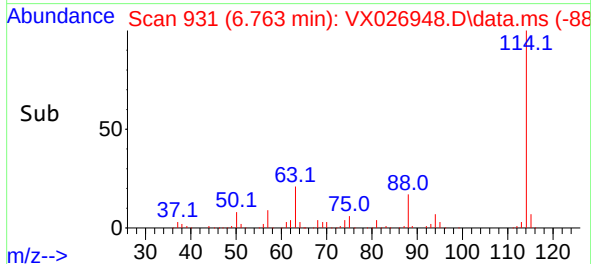
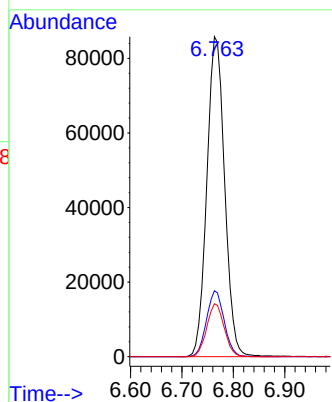
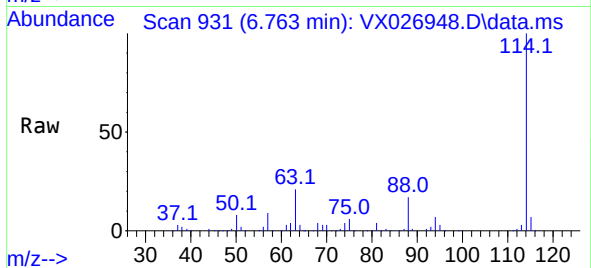




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

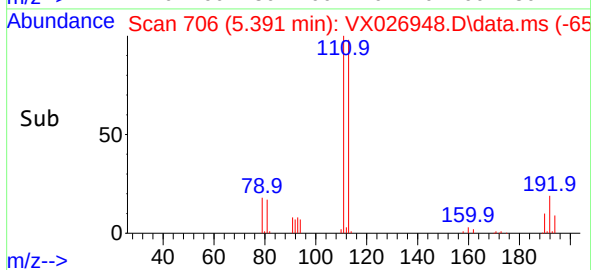
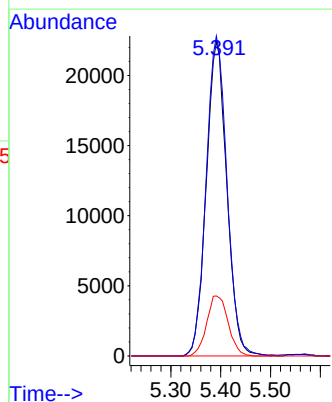
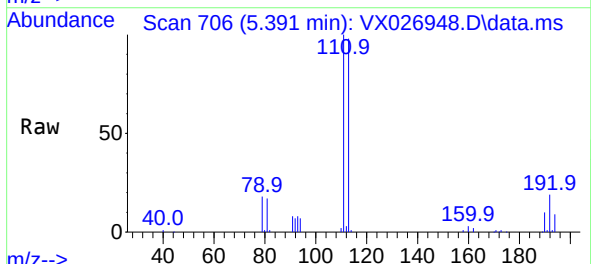
Instrument :
MSVOA_X
ClientSampleId :
MW-1D

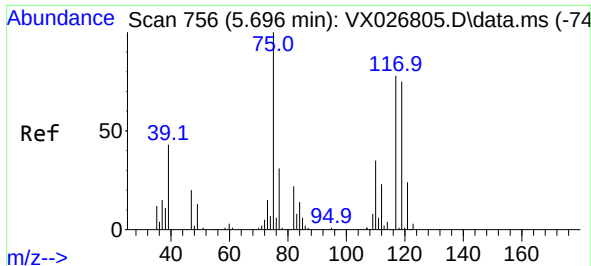
Tgt Ion:114 Resp: 206351
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.8
88 16.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.144 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

Tgt Ion:113 Resp: 64105
Ion Ratio Lower Upper
113 100
111 103.4 81.2 121.8
192 19.9 15.0 22.4

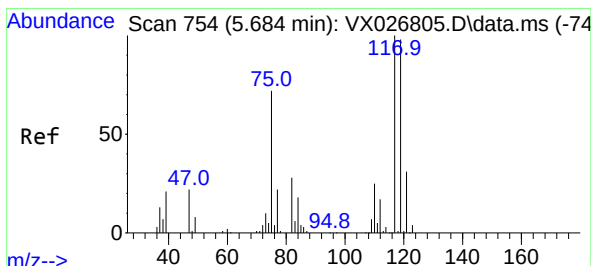
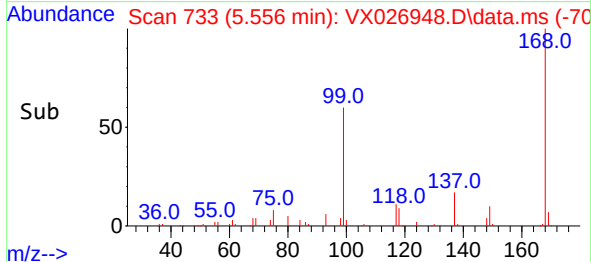
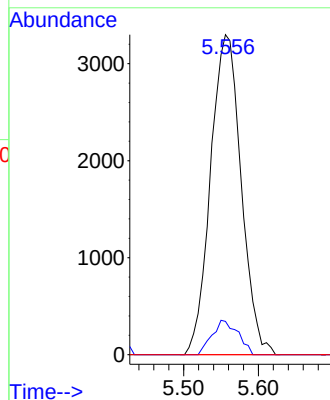
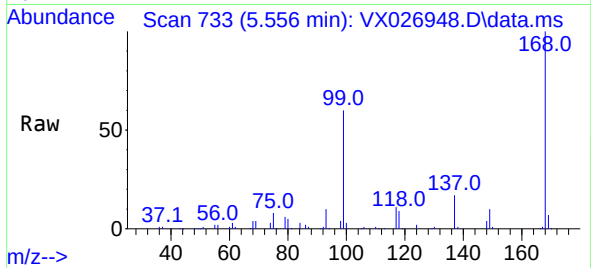




#36
1,1-Dichloropropene
Concen: 4.847 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

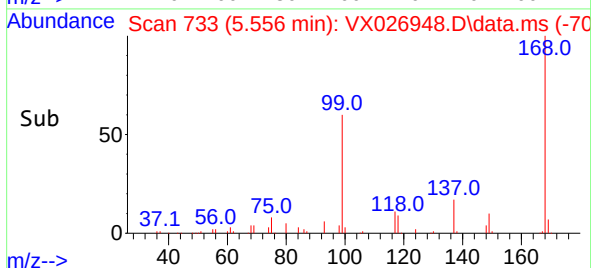
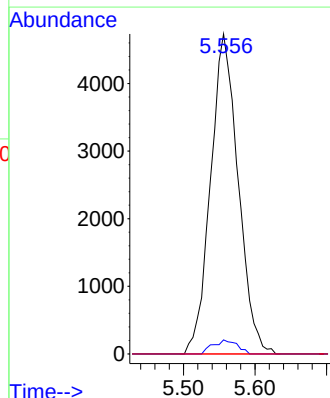
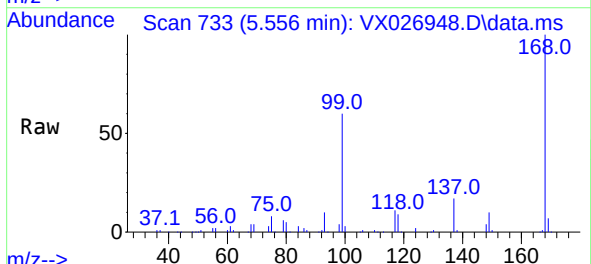
Instrument :
MSVOA_X
ClientSampleId :
MW-1D

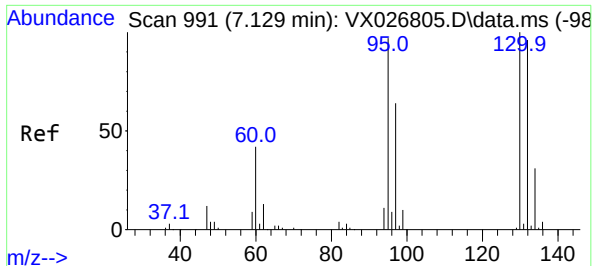
Tgt Ion: 75 Resp: 9401
Ion Ratio Lower Upper
75 100
110 9.1 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.240 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

Tgt Ion: 117 Resp: 12691
Ion Ratio Lower Upper
117 100
119 4.4 74.7 112.1#
121 0.0 25.4 38.0#

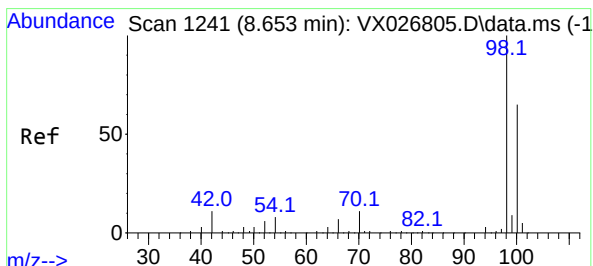
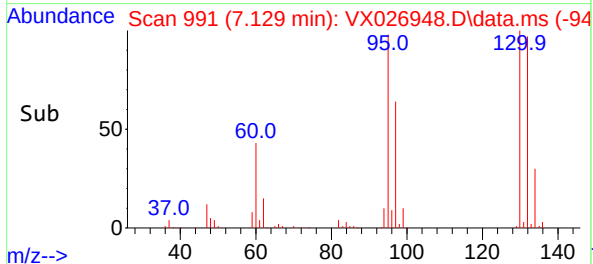
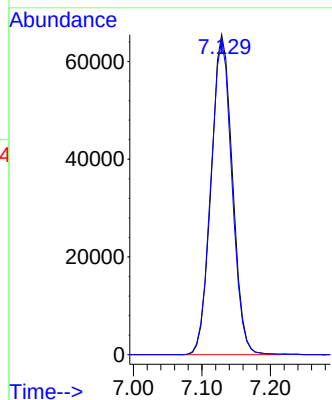
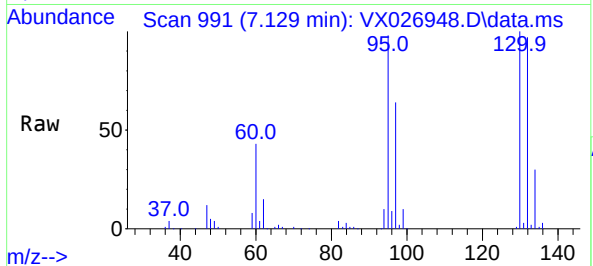




#44
Trichloroethene
Concen: 83.269 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

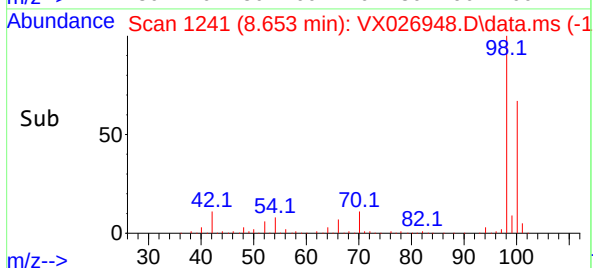
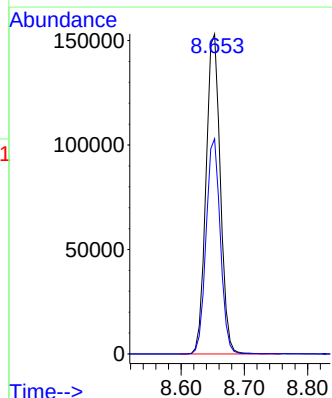
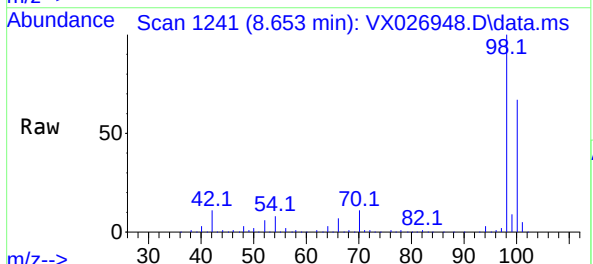
Instrument :
MSVOA_X
ClientSampleId :
MW-1D

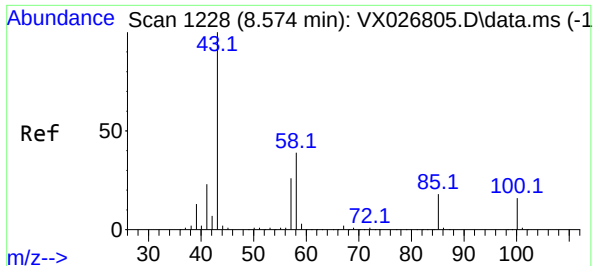
Tgt Ion:130 Resp: 141324
Ion Ratio Lower Upper
130 100
95 98.4 0.0 202.6



#50
Toluene-d8
Concen: 53.462 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

Tgt Ion: 98 Resp: 241263
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8

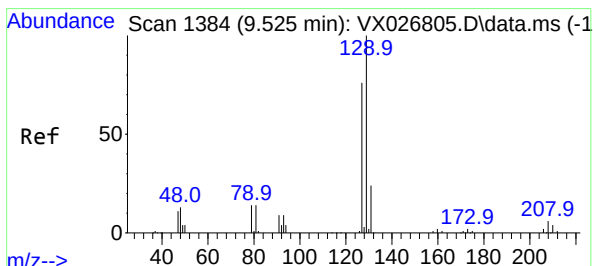
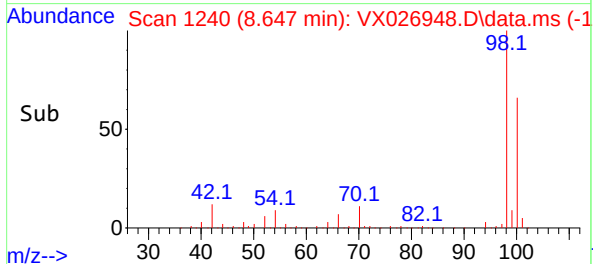
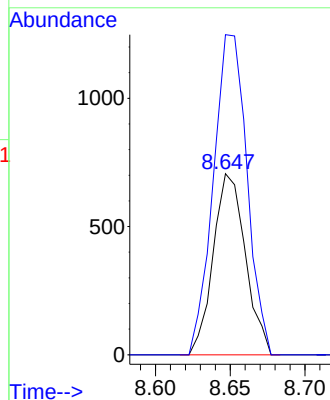
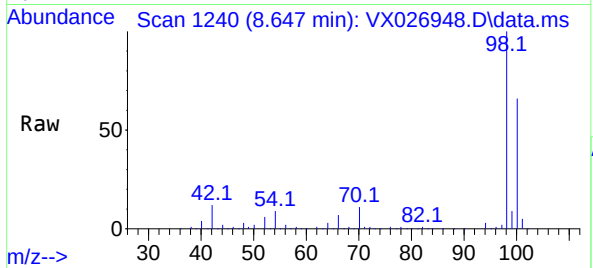




#51
4-Methyl-2-Pentanone
Concen: 0.514 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

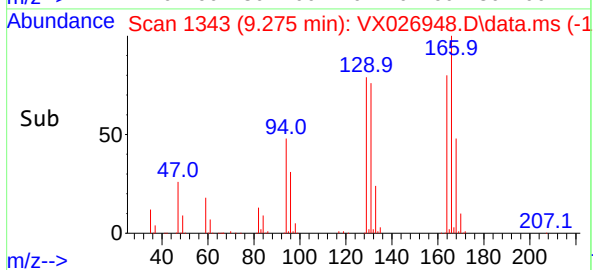
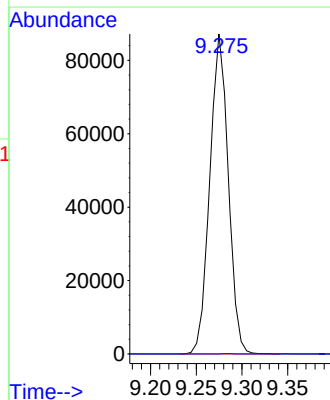
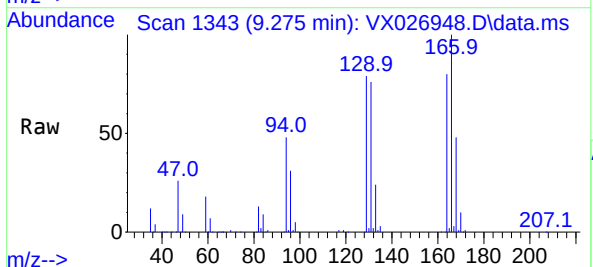
Instrument :
MSVOA_X
ClientSampleId :
MW-1D

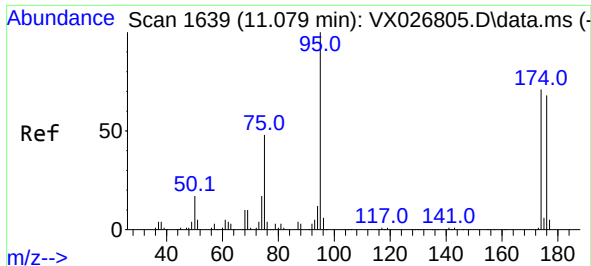
Tgt Ion: 43 Resp: 1056
Ion Ratio Lower Upper
43 100
58 185.1 30.5 45.7#



#60
Dibromochloromethane
Concen: 87.659 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

Tgt Ion: 129 Resp: 122199
Ion Ratio Lower Upper
129 100
127 0.1 38.5 115.5#

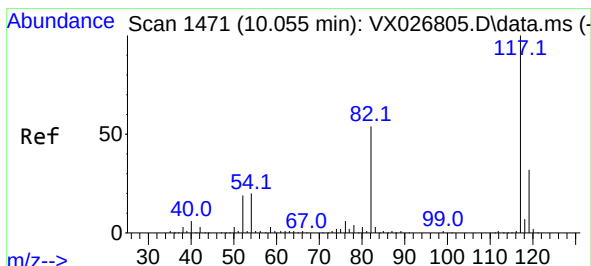
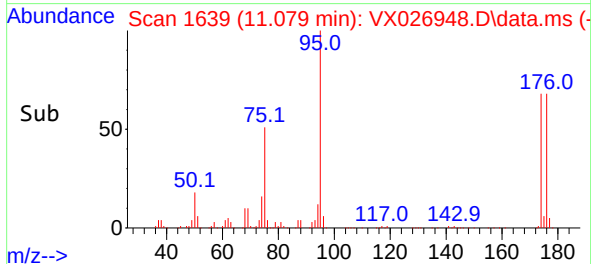
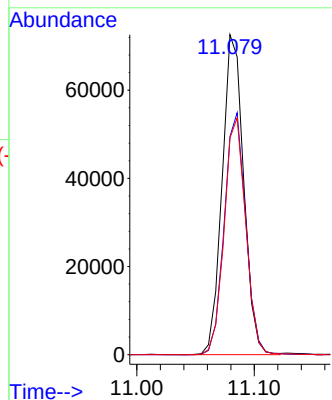
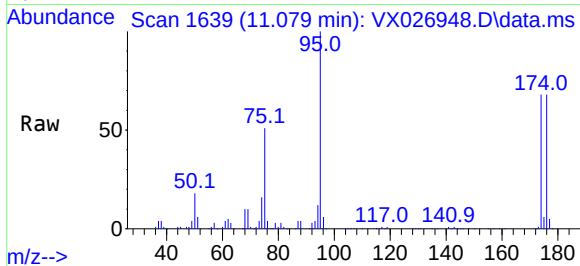




#62
4-Bromofluorobenzene
Concen: 58.065 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

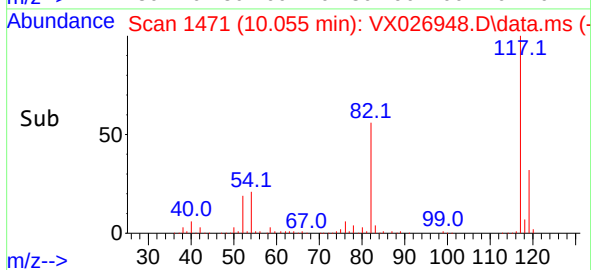
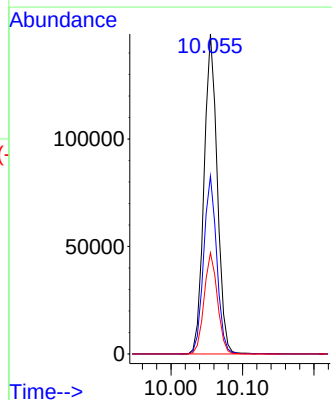
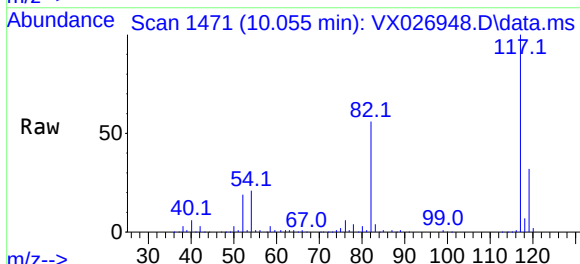
Instrument :
MSVOA_X
ClientSampleId :
MW-1D

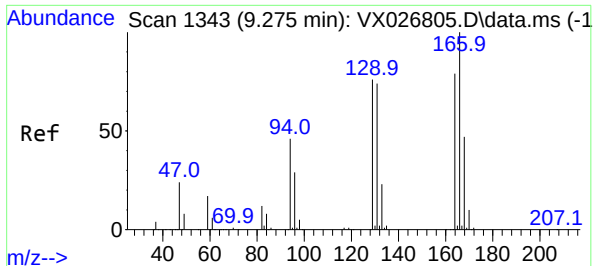
Tgt Ion: 95 Resp: 92254
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.6
176 73.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

Tgt Ion: 117 Resp: 191624
Ion Ratio Lower Upper
117 100
82 55.6 45.2 67.8
119 31.6 26.2 39.2

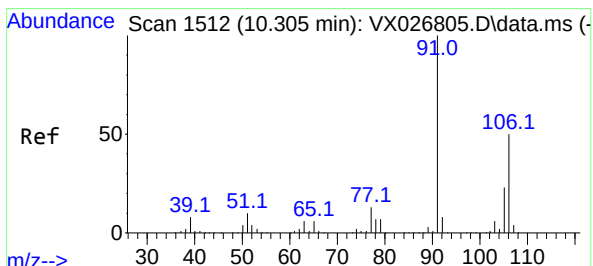
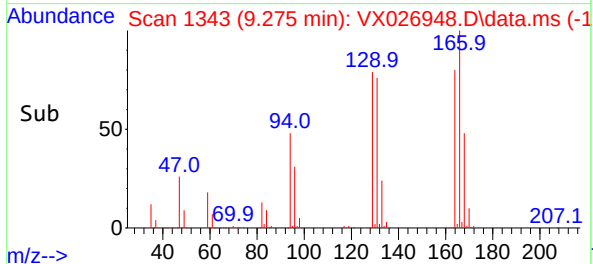
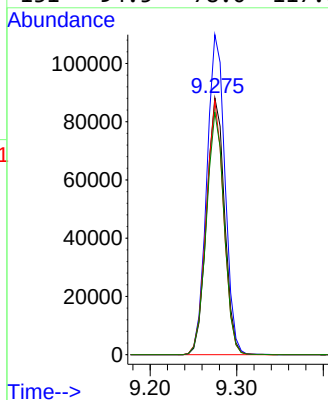
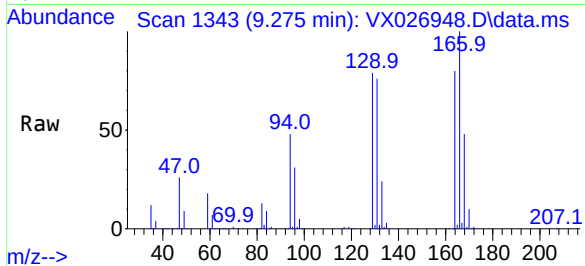




#64
Tetrachloroethene
Concen: 65.781 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

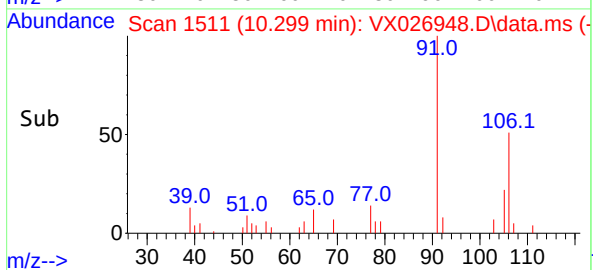
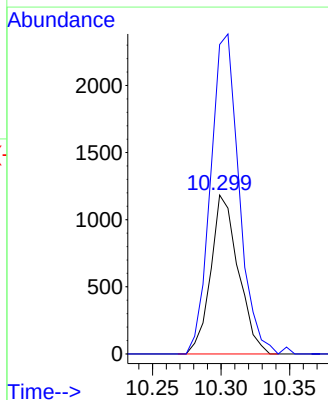
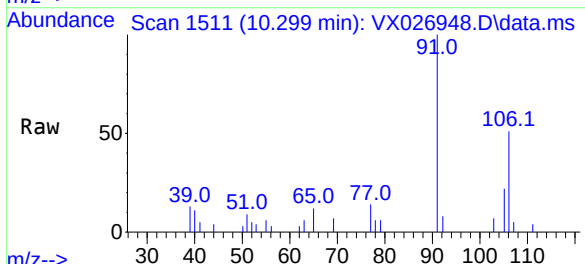
Instrument :
MSVOA_X
ClientSampleId :
MW-1D

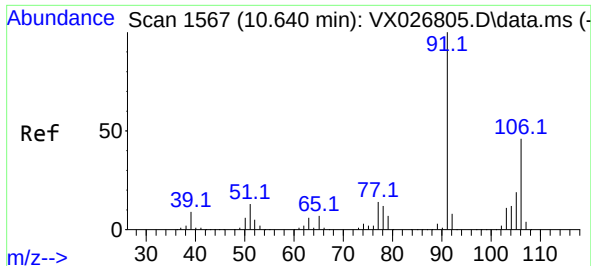
Tgt Ion:164 Resp: 126602
Ion Ratio Lower Upper
164 100
166 124.6 101.8 152.6
129 98.9 83.3 124.9
131 94.5 78.0 117.0



#68
m/p-Xylenes
Concen: 0.614 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

Tgt Ion:106 Resp: 1657
Ion Ratio Lower Upper
106 100
91 208.4 165.3 247.9

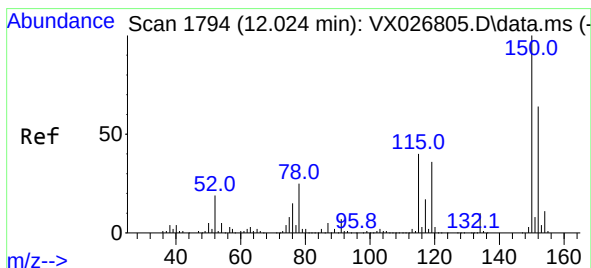
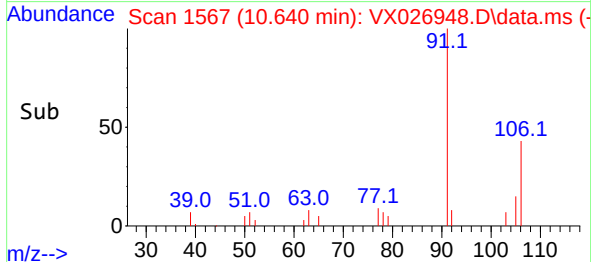
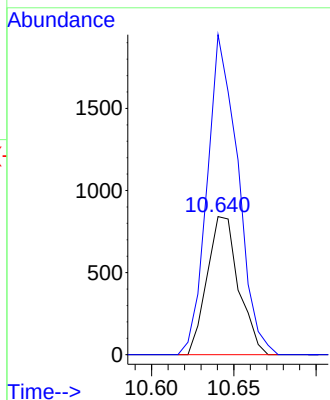
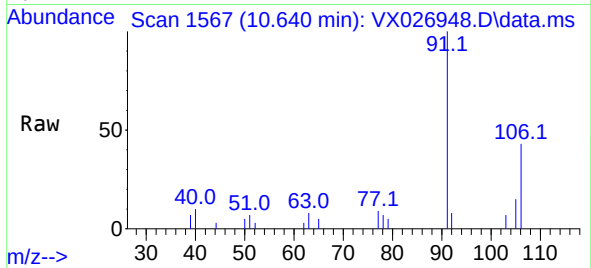




#69
o-Xylene
Concen: 0.424 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

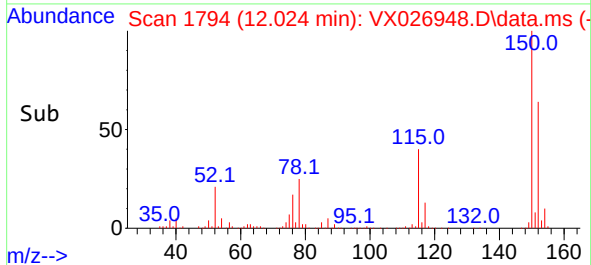
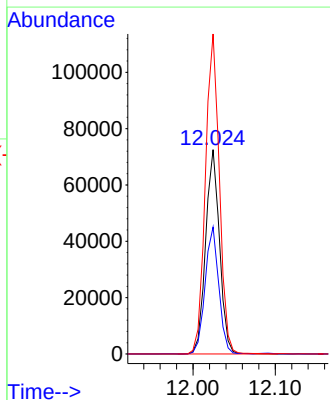
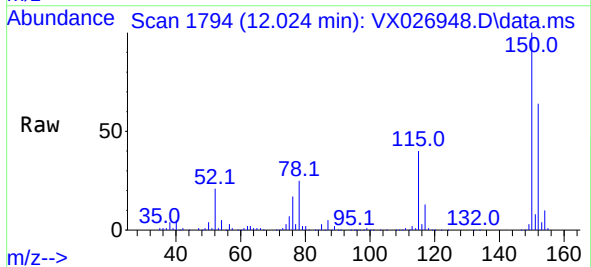
Instrument :
MSVOA_X
ClientSampleId :
MW-1D

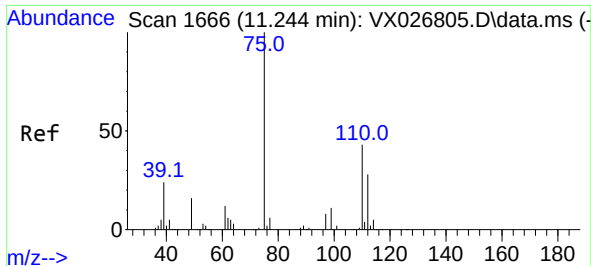
Tgt Ion:106 Resp: 1122
Ion Ratio Lower Upper
106 100
91 225.6 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

Tgt Ion:152 Resp: 84932
Ion Ratio Lower Upper
152 100
115 61.4 44.2 132.6
150 157.7 0.0 348.2

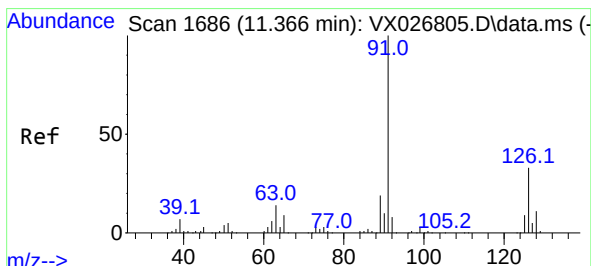
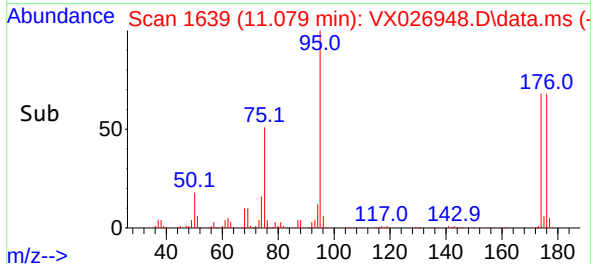
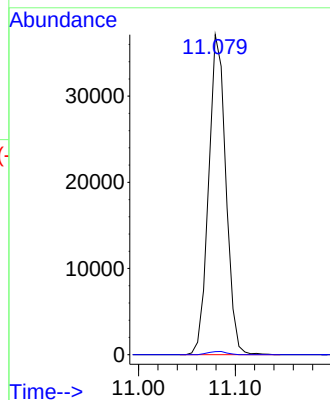
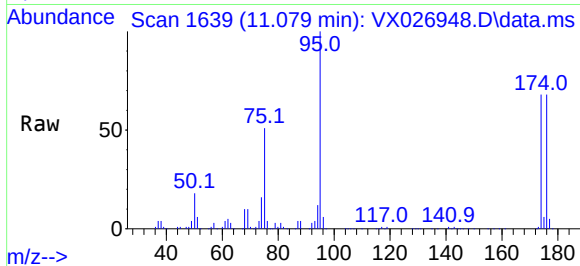




#76
1,2,3-Trichloropropane
Concen: 24.798 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.164 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

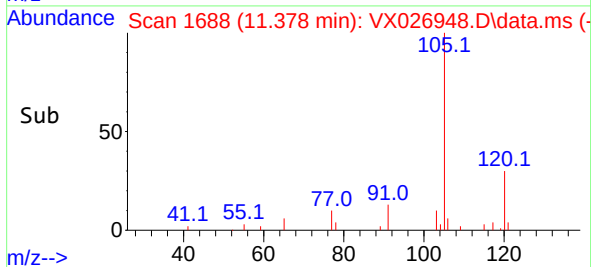
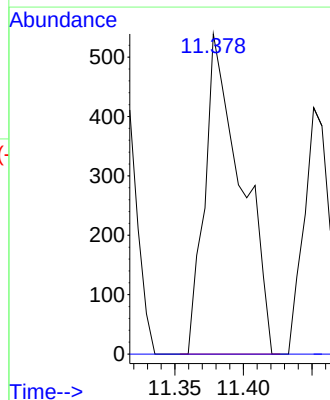
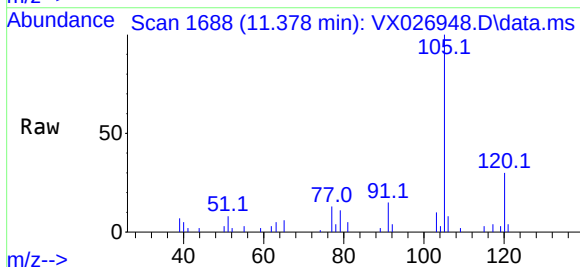
Instrument :
MSVOA_X
ClientSampleId :
MW-1D

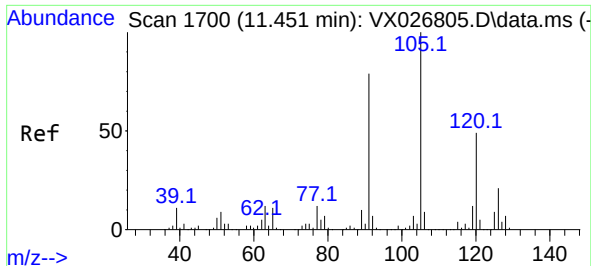
Tgt Ion: 75 Resp: 46105
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#79
2-Chlorotoluene
Concen: 0.219 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

Tgt Ion: 91 Resp: 1002
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.2#

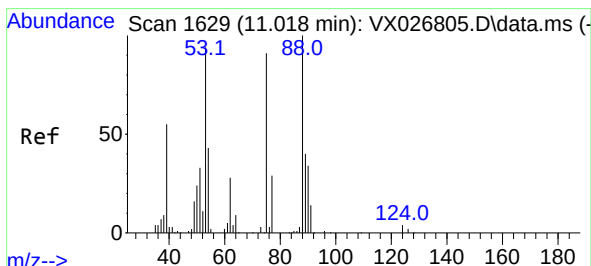
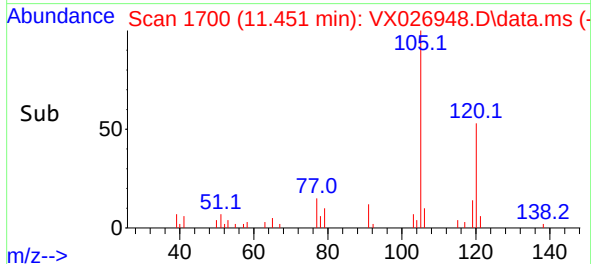
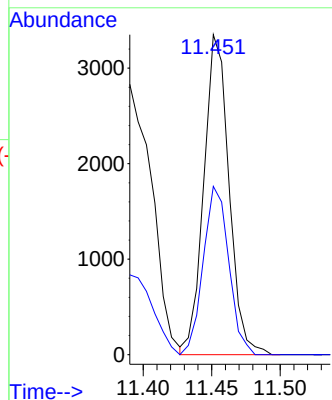
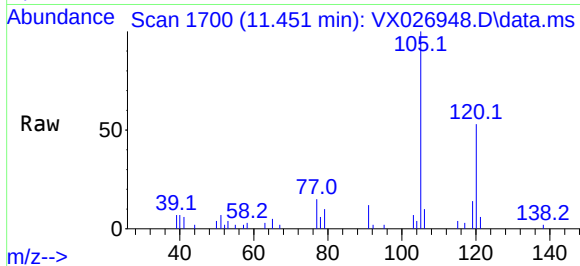




#80
1,3,5-Trimethylbenzene
Concen: 0.778 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

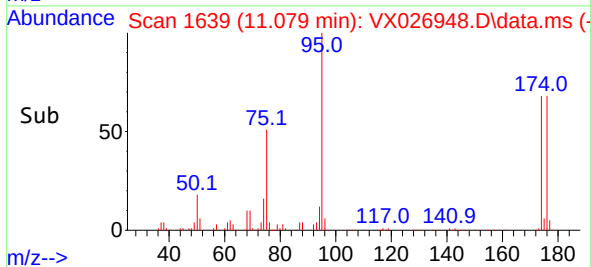
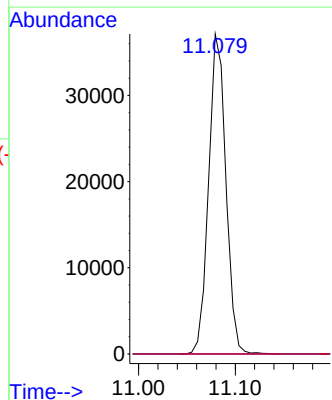
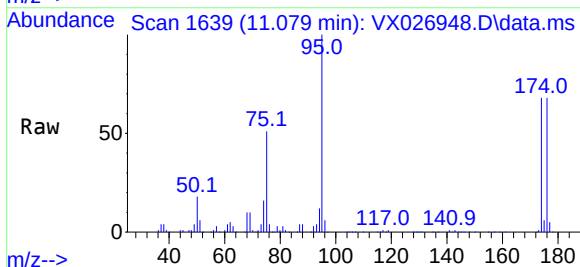
Instrument :
MSVOA_X
ClientSampleId :
MW-1D

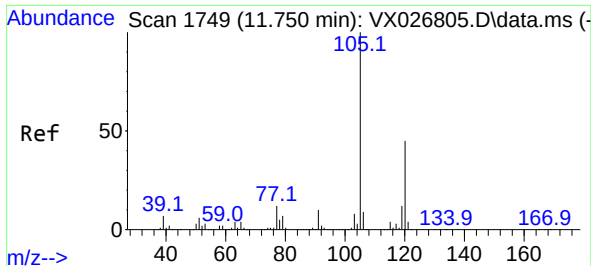
Tgt Ion:105 Resp: 4283
Ion Ratio Lower Upper
105 100
120 53.2 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 75.668 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026948.D
Acq: 11 Feb 2022 03:08

Tgt Ion: 75 Resp: 46105
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

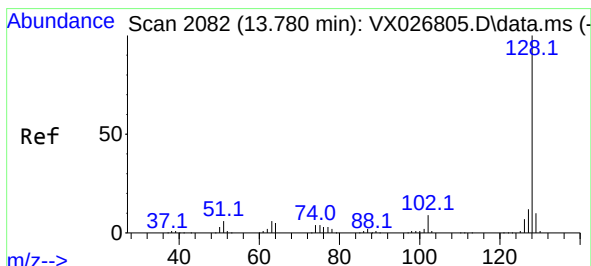
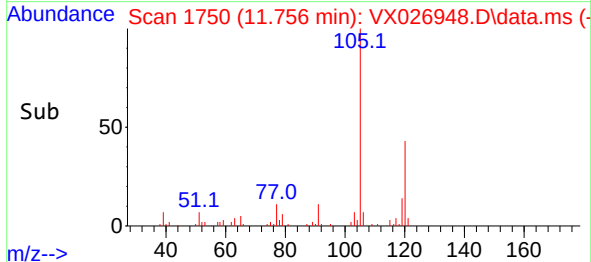
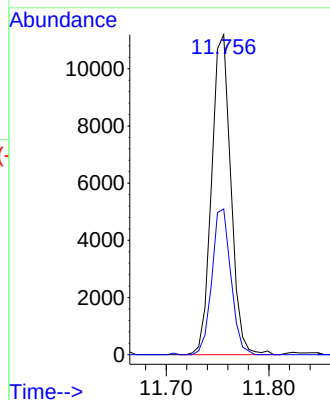
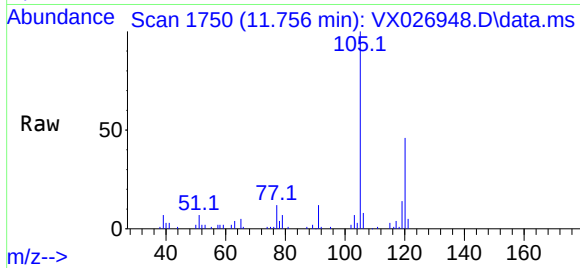




#84
 1,2,4-Trimethylbenzene
 Concen: 2.616 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX026948.D
 Acq: 11 Feb 2022 03:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1D

Tgt Ion:105 Resp: 14527
 Ion Ratio Lower Upper
 105 100
 120 44.9 21.9 65.5



#95
 Naphthalene
 Concen: 0.419 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VX026948.D
 Acq: 11 Feb 2022 03:08

Tgt Ion:128 Resp: 2603
 Ion Ratio Lower Upper
 128 100
 127 10.7 10.3 15.5
 129 12.5 8.7 13.1

