

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070921\
 Data File : VX023222.D
 Acq On : 09 Jul 2021 15:38
 Operator : JC/MD
 Sample : M2953-09DL2 800X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06-1.5-6.5-070621DL2

Quant Time: Jul 10 04:20:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

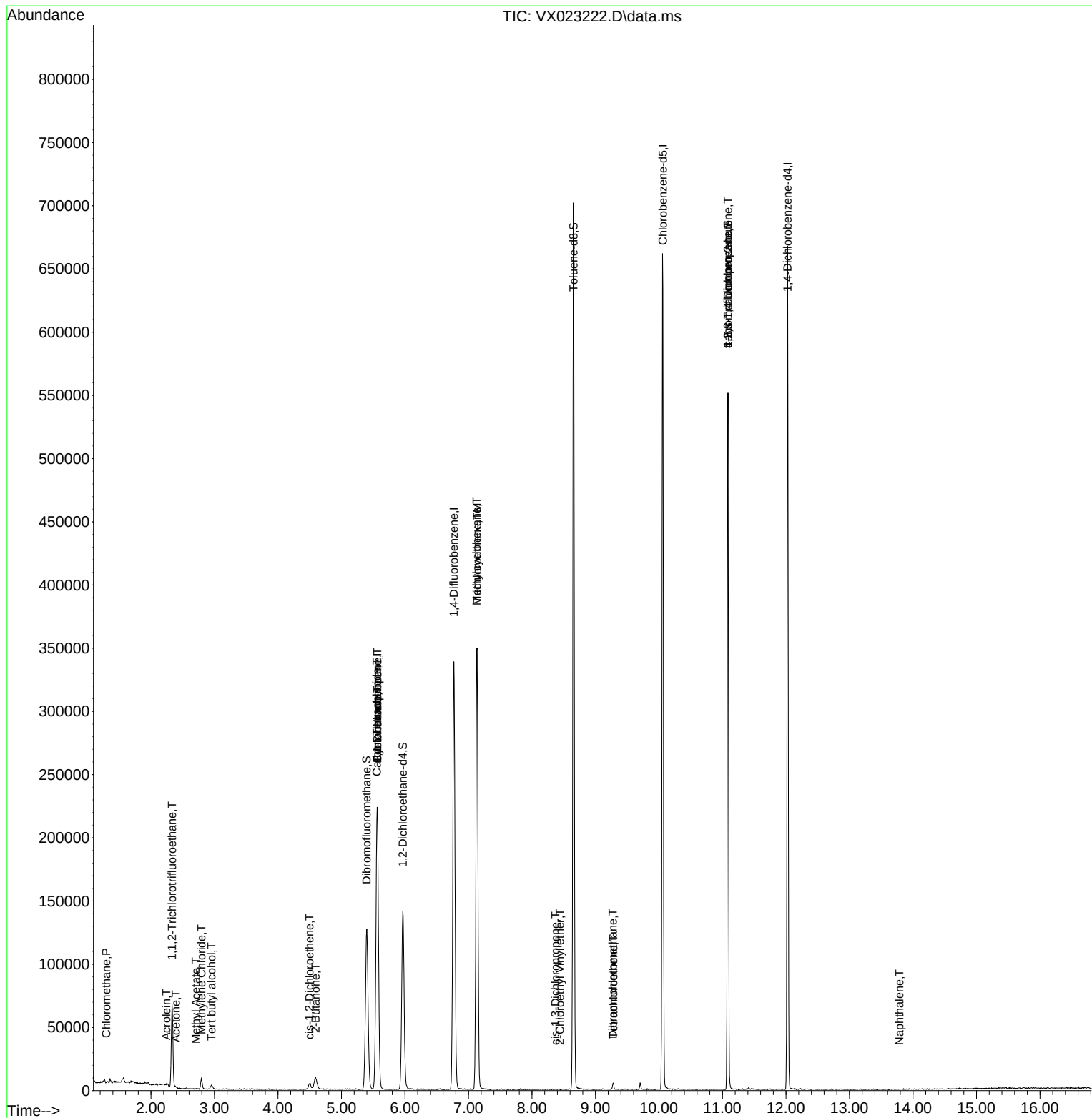
Internal Standards						
1) Pentafluorobenzene	5.562	168	206721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	341757	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	306141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	143269	51.567	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.140%			
35) Dibromofluoromethane	5.397	113	109265	49.510	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.020%			
50) Toluene-d8	8.653	98	400555	48.656	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.320%			
62) 4-Bromofluorobenzene	11.085	95	147653	46.459	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.920%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	407	0.220	ug/l	91
5) Bromomethane	1.618	94	466	Below Cal	#	52
9) 1,1,2-Trichlorotrifluo...	2.331	101	25253	12.648	ug/l	97
11) Tert butyl alcohol	2.953	59	1944	3.326	ug/l #	84
13) Acrolein	2.240	56	165	0.424	ug/l #	60
16) Acetone	2.392	43	1529	1.391	ug/l #	87
18) Methyl Acetate	2.709	43	677	0.254	ug/l #	47
20) Methylene Chloride	2.794	84	3471	1.467	ug/l #	96
25) 2-Butanone	4.593	43	1181	0.713	ug/l #	45
27) cis-1,2-Dichloroethene	4.495	96	3086	1.280	ug/l	97
31) Cyclohexane	5.562	56	4541	1.365	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	16351	5.367	ug/l #	50
38) Carbon Tetrachloride	5.556	117	21292	6.695	ug/l #	15
39) Methylcyclohexane	7.129	83	1820	0.511	ug/l #	1
44) Trichloroethene	7.135	130	136666	54.464	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	19	2.177	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.440	63	22	4.700	ug/l #	45
60) Dibromochloromethane	9.275	129	884	3.421	ug/l #	11
64) Tetrachloroethene	9.281	164	832	0.341	ug/l #	86
76) 1,2,3-Trichloropropane	11.085	75	75395	28.084	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	75395	75.711	ug/l #	12
95) Naphthalene	13.786	128	200	1.295	ug/l #	69

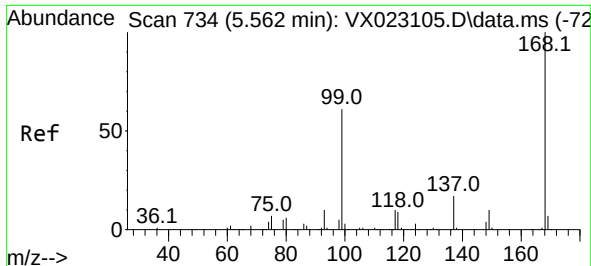
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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MW-06-1.5-6.5-070621DL2

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

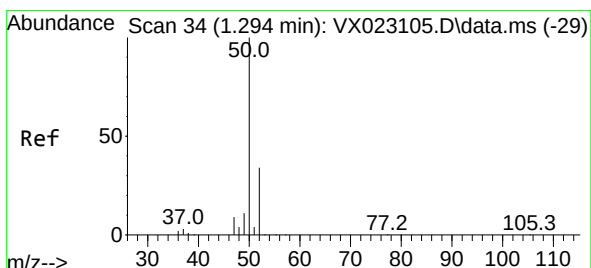
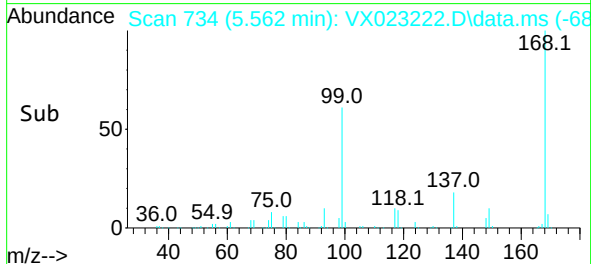
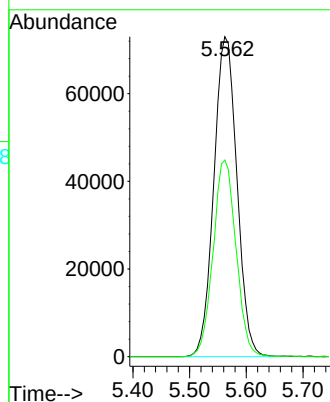
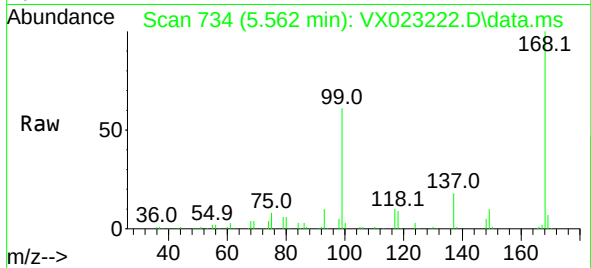




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

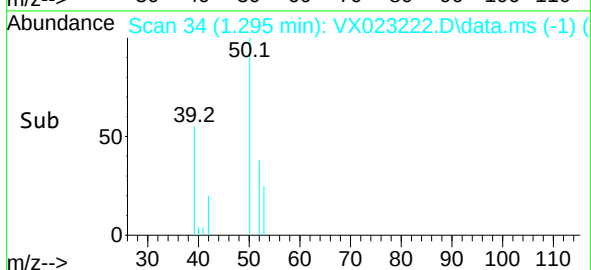
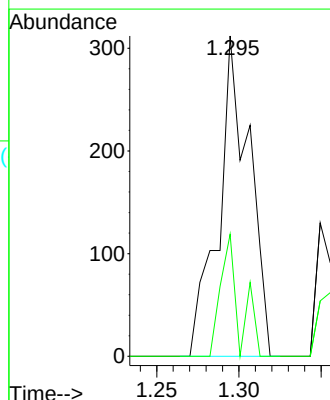
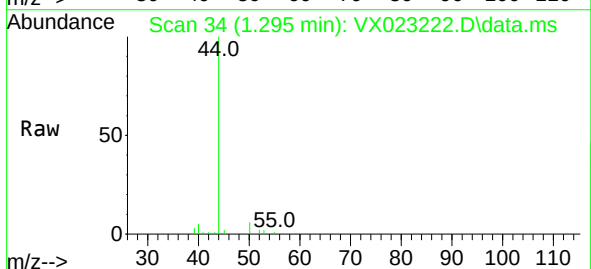
Instrument :
MSVOA_X
ClientSampleId :
MW-06-1.5-6.5-070621DL2

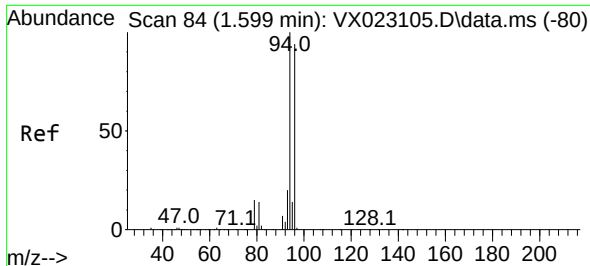
Tgt Ion:168 Resp: 206721
Ion Ratio Lower Upper
168 100
99 61.5 45.8 68.6



#3
Chloromethane
Concen: 0.220 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

Tgt Ion: 50 Resp: 407
Ion Ratio Lower Upper
50 100
52 38.1 26.4 39.6

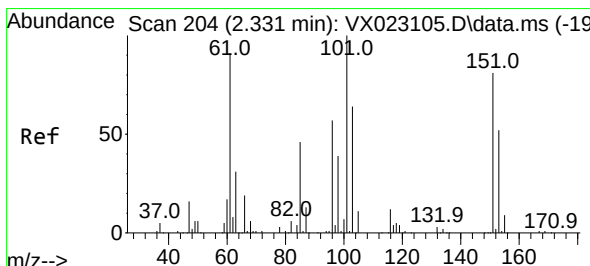
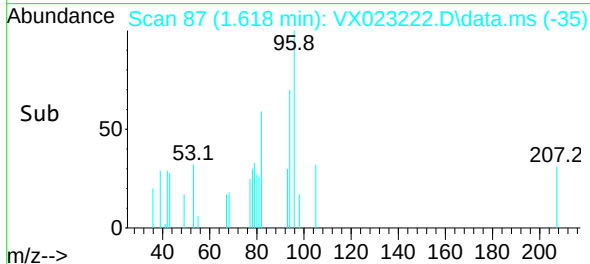
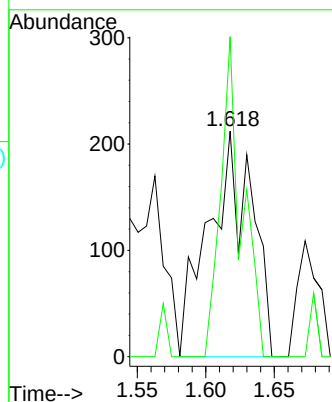
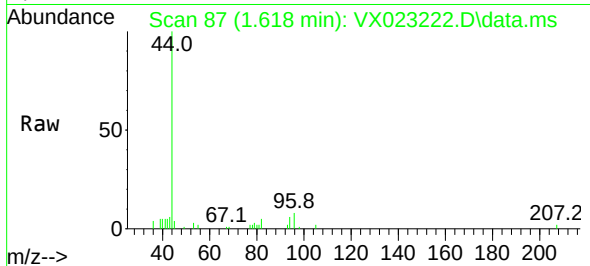




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

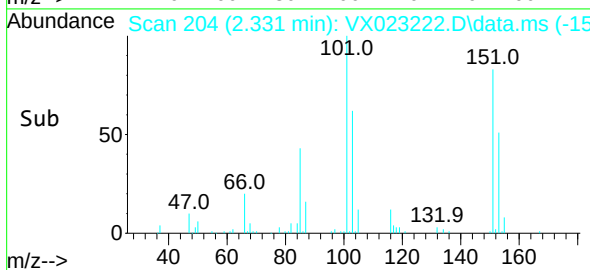
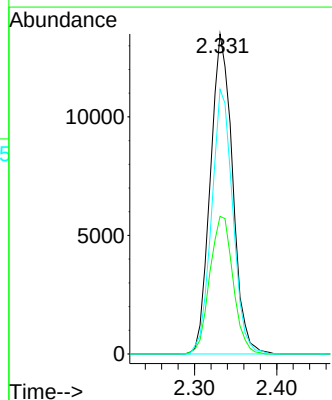
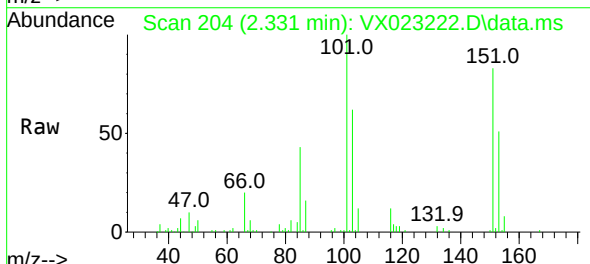
Instrument :
MSVOA_X
ClientSampleId :
MW-06-1.5-6.5-070621DL2

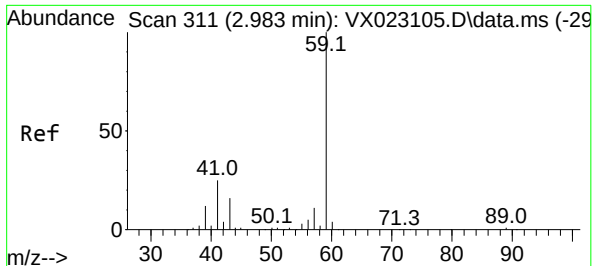
Tgt Ion: 94 Resp: 466
Ion Ratio Lower Upper
94 100
96 142.0 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.648 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

Tgt Ion: 101 Resp: 25253
Ion Ratio Lower Upper
101 100
85 45.1 34.9 52.3
151 79.4 61.4 92.2



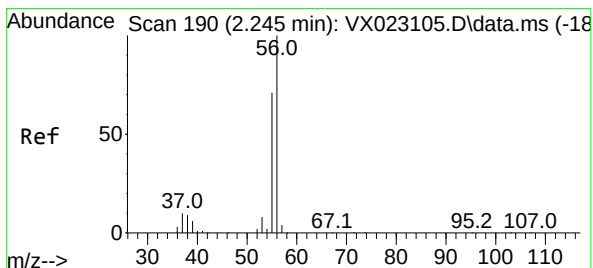
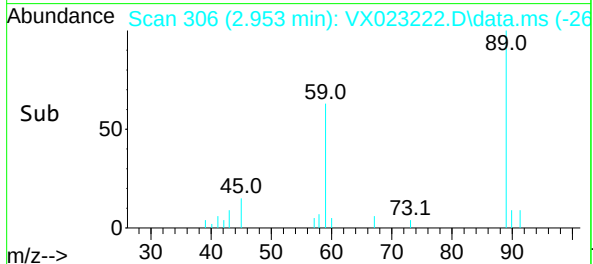
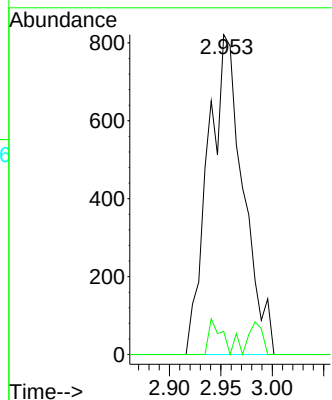
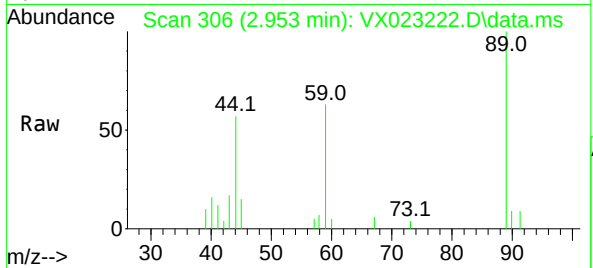


#11

Tert butyl alcohol
Concen: 3.326 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

Instrument :
MSVOA_X
ClientSampleId :
MW-06-1.5-6.5-070621DL2

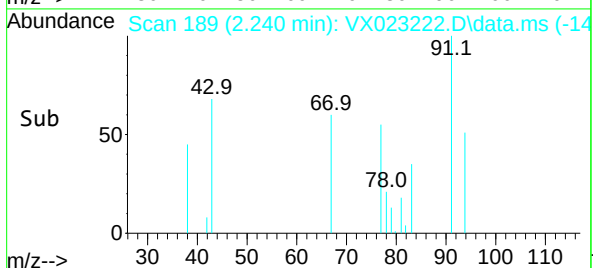
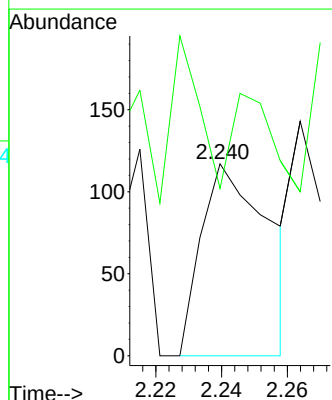
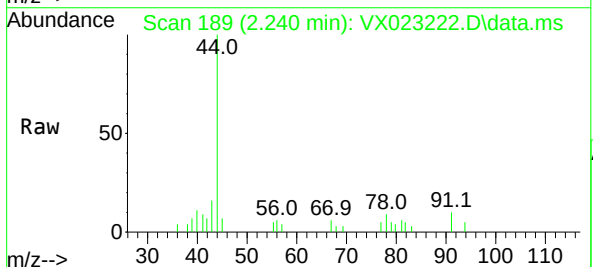
Tgt Ion: 59 Resp: 1944
Ion Ratio Lower Upper
59 100
57 3.9 7.8 11.8#

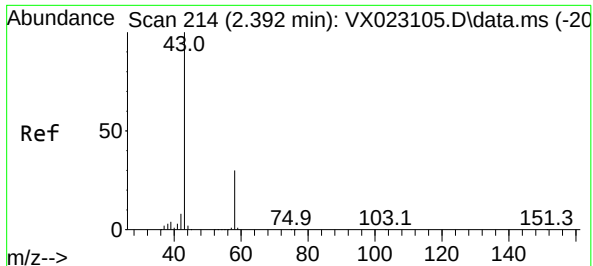


#13

Acrolein
Concen: 0.424 ug/l
RT: 2.240 min Scan# 189
Delta R.T. -0.005 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

Tgt Ion: 56 Resp: 165
Ion Ratio Lower Upper
56 100
55 37.6 56.4 84.6#

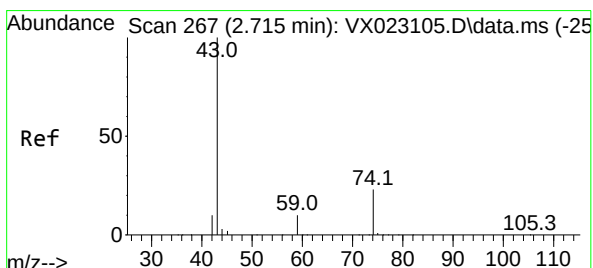
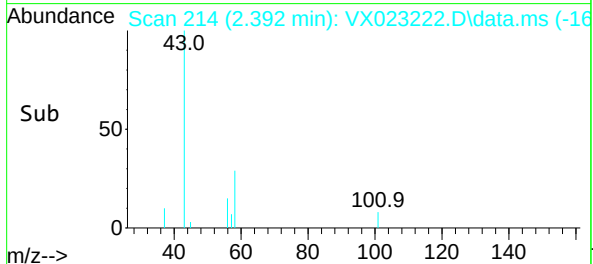
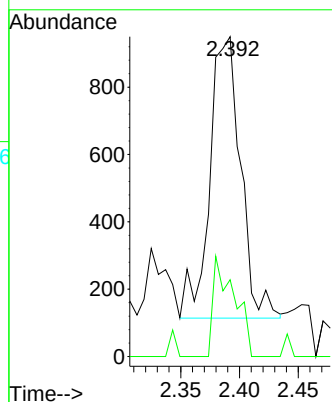
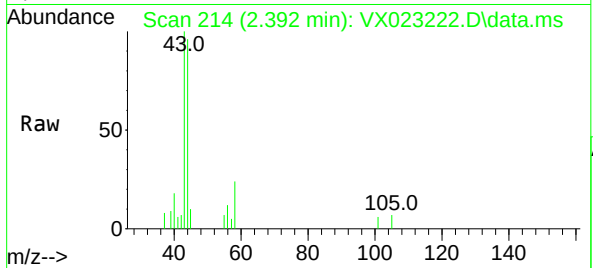




#16
Acetone
Concen: 1.391 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

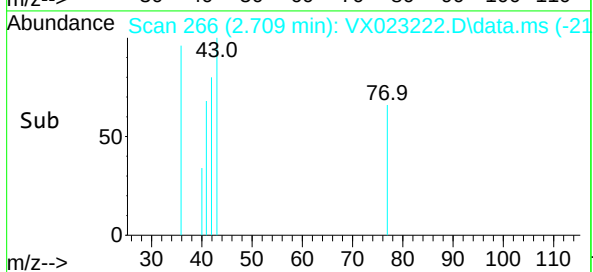
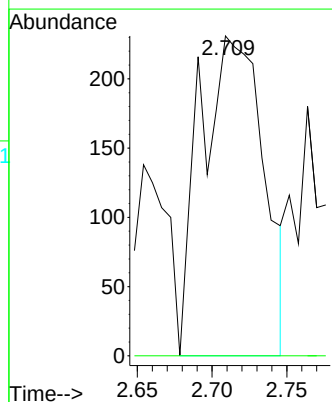
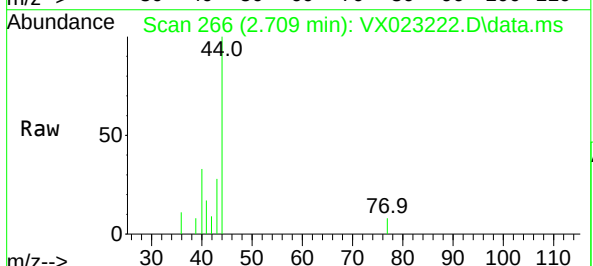
Instrument :
MSVOA_X
ClientSampleId :
MW-06-1.5-6.5-070621DL2

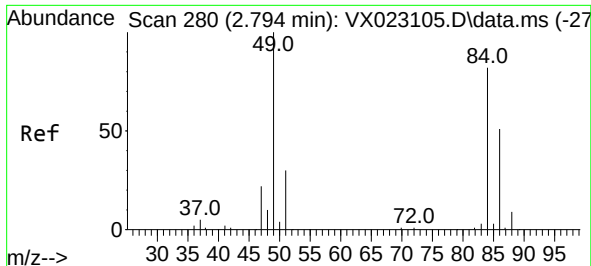
Tgt Ion: 43 Resp: 1529
Ion Ratio Lower Upper
43 100
58 27.3 27.8 41.8#



#18
Methyl Acetate
Concen: 0.254 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

Tgt Ion: 43 Resp: 677
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

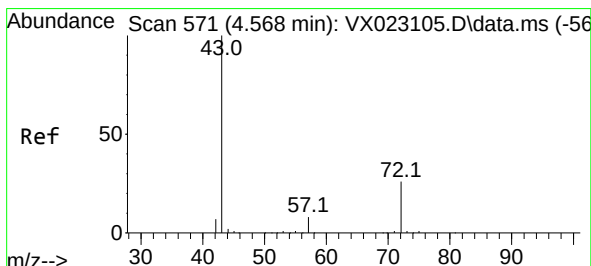
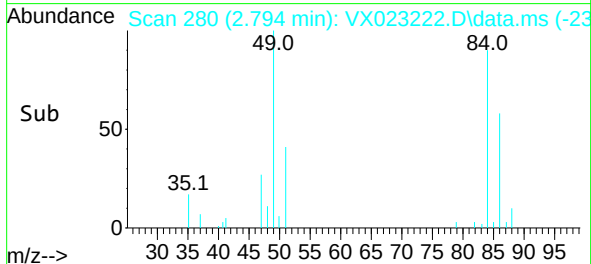
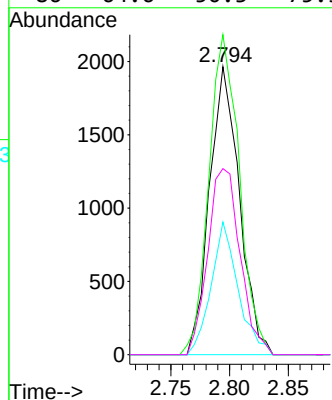
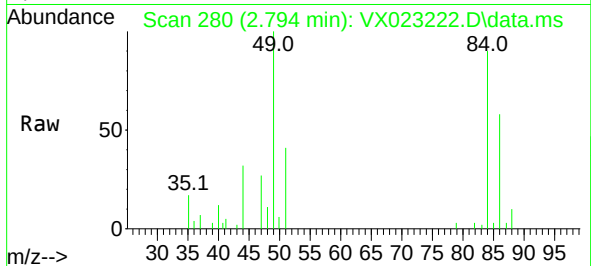




#20
Methylene Chloride
Concen: 1.467 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

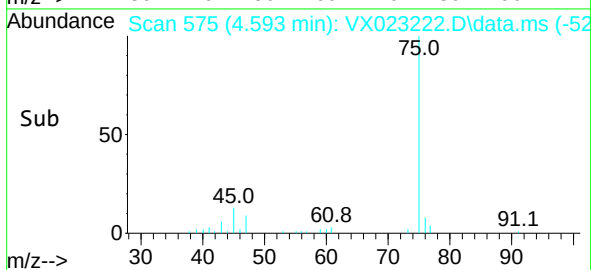
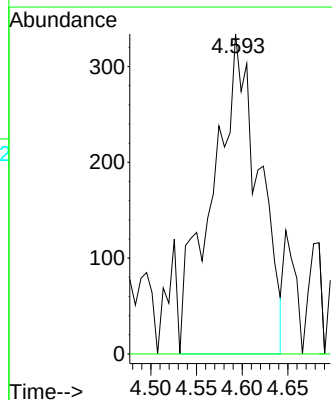
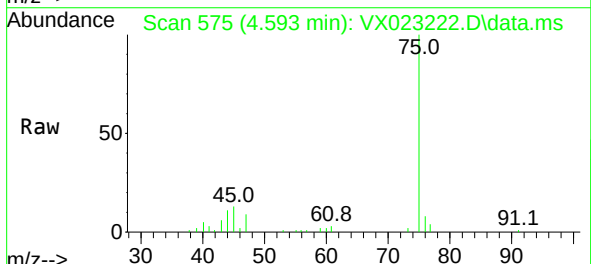
Instrument :
MSVOA_X
ClientSampleId :
MW-06-1.5-6.5-070621DL2

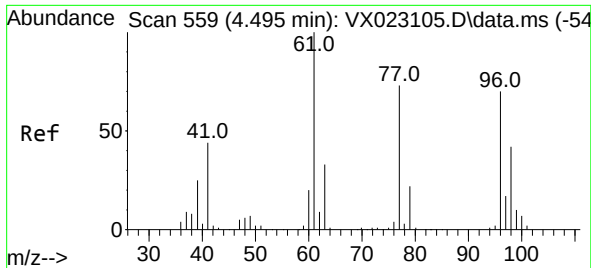
Tgt Ion:	84	Resp:	3471
Ion	Ratio	Lower	Upper
84	100		
49	111.1	88.6	132.8
51	46.1	27.0	40.6#
86	64.6	50.3	75.5



#25
2-Butanone
Concen: 0.713 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

Tgt Ion:	43	Resp:	1181
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#27

cis-1,2-Dichloroethene

Concen: 1.280 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX023222.D

Acq: 09 Jul 2021 15:38

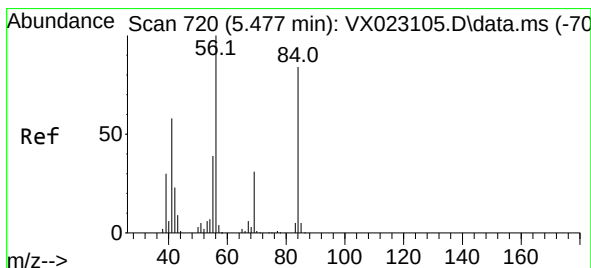
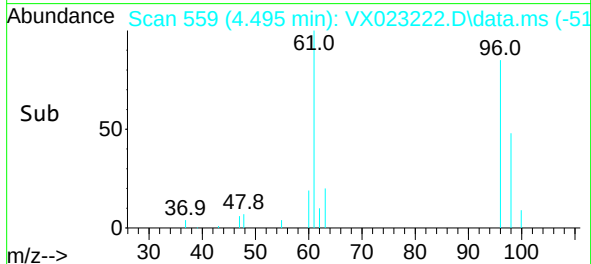
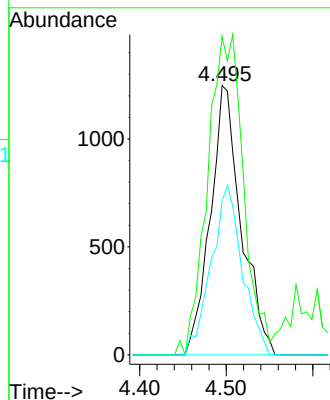
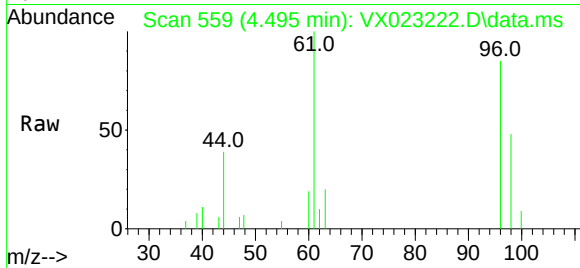
Tgt Ion:	96	Resp:	3086
Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	285.6
98	63.5	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

MW-06-1.5-6.5-070621DL2



#31

Cyclohexane

Concen: 1.365 ug/l

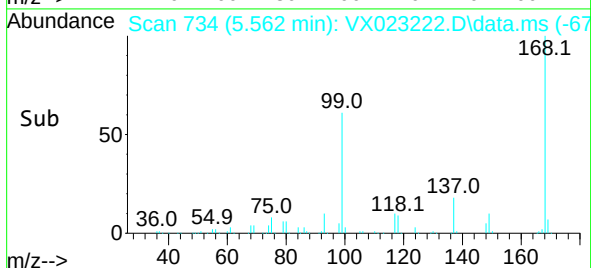
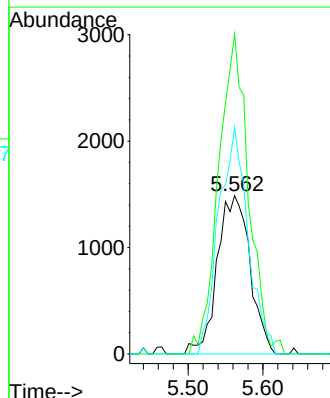
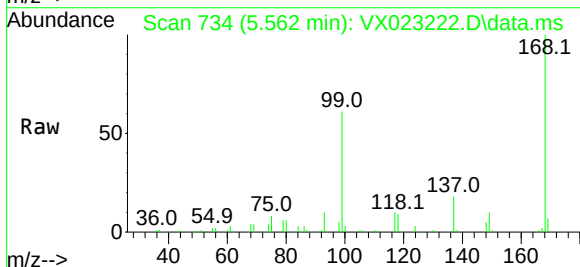
RT: 5.562 min Scan# 734

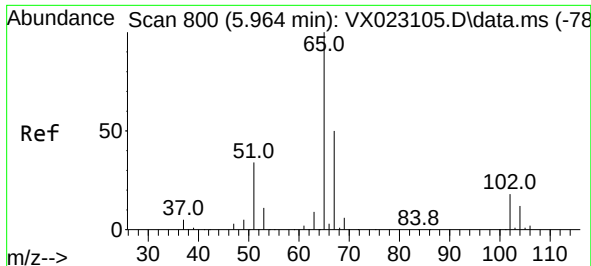
Delta R.T. 0.085 min

Lab File: VX023222.D

Acq: 09 Jul 2021 15:38

Tgt Ion:	56	Resp:	4541
Ion	Ratio	Lower	Upper
56	100		
69	202.3	25.3	37.9#
84	147.5	71.4	107.0#

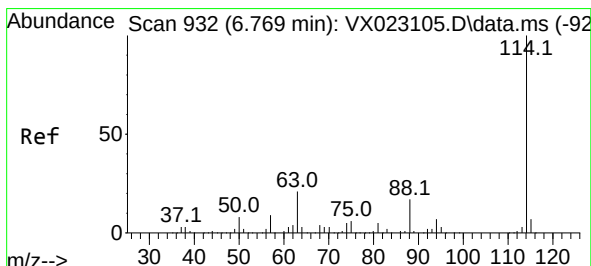
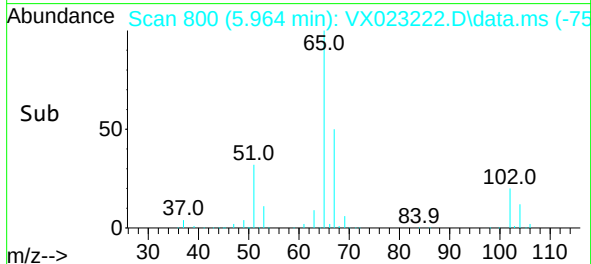
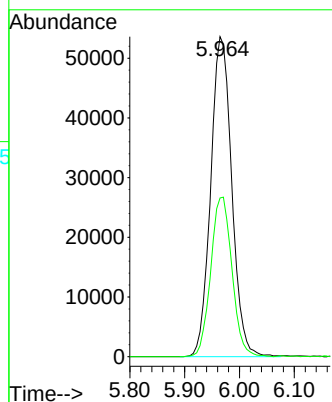
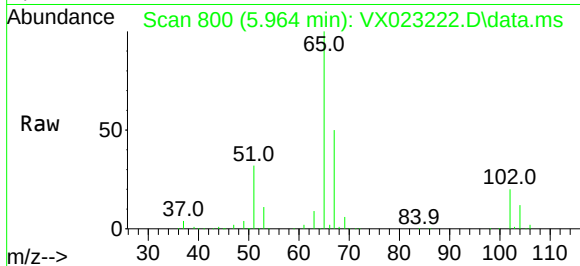




#33
 1,2-Dichloroethane-d4
 Concen: 51.567 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX023222.D
 Acq: 09 Jul 2021 15:38

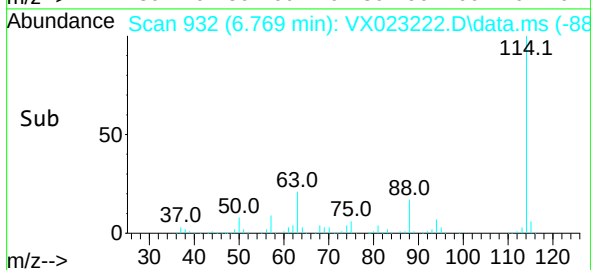
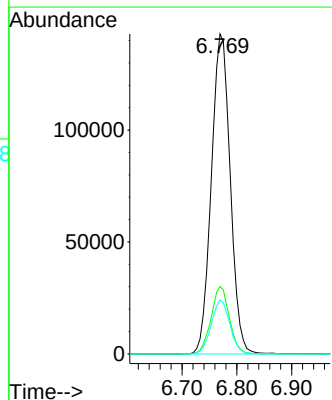
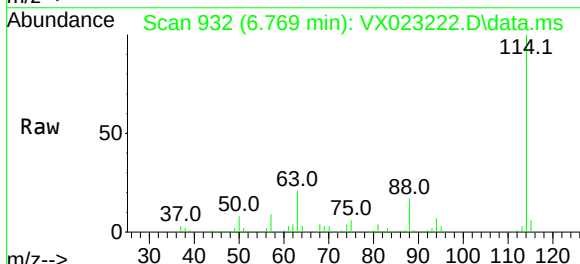
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 MSVOA_X
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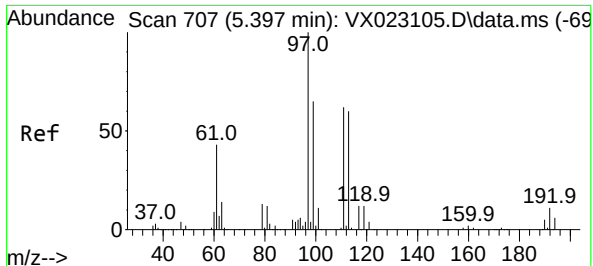
Tgt Ion: 65 Resp: 143269
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX023222.D
 Acq: 09 Jul 2021 15:38

Tgt Ion: 114 Resp: 341757
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.8
 88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.510 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023222.D

Acq: 09 Jul 2021 15:38

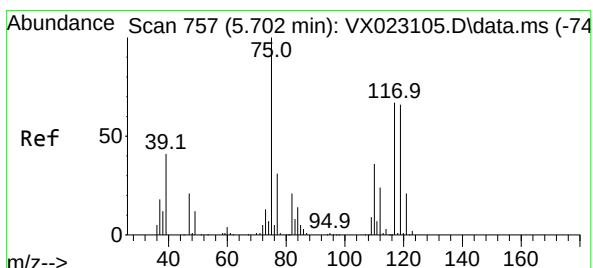
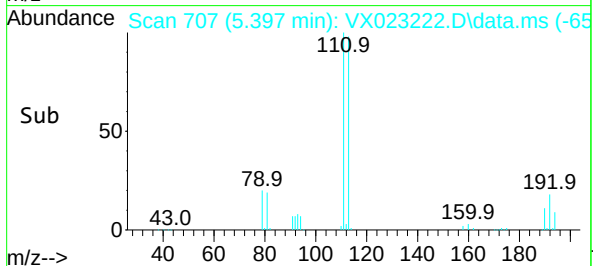
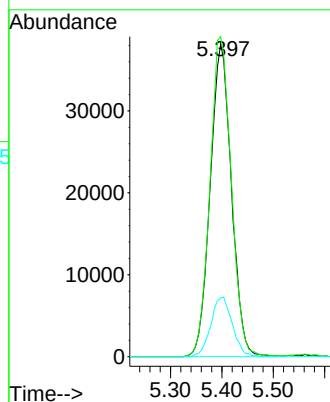
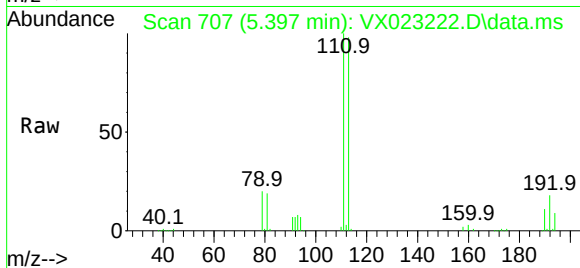
Tgt Ion:113 Resp: 109265

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

192 19.4 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.367 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023222.D

Acq: 09 Jul 2021 15:38

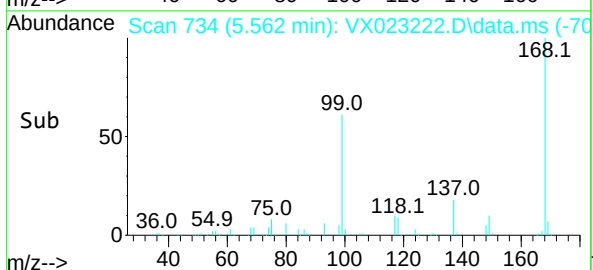
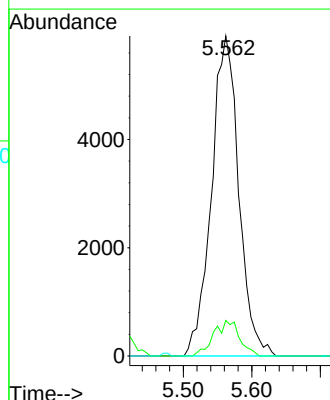
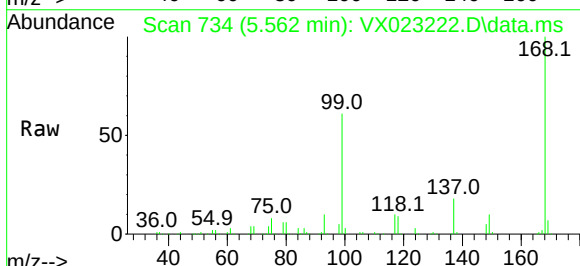
Tgt Ion: 75 Resp: 16351

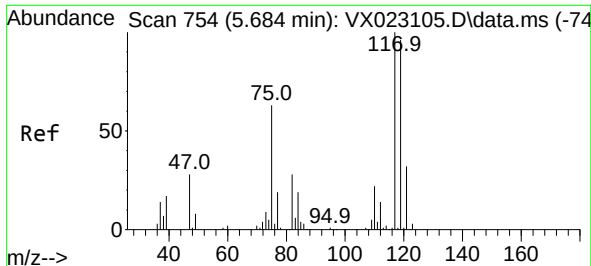
Ion Ratio Lower Upper

75 100

110 10.5 18.1 54.4#

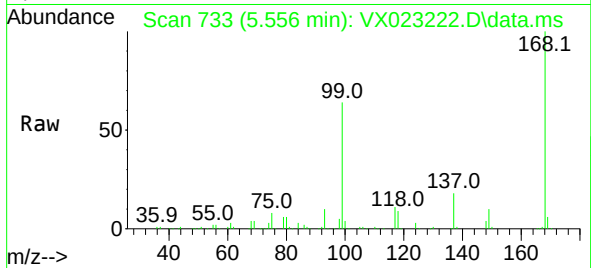
77 0.0 25.3 37.9#



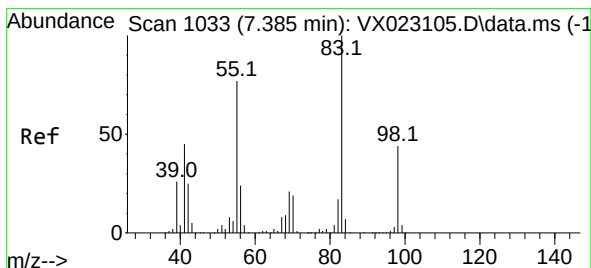
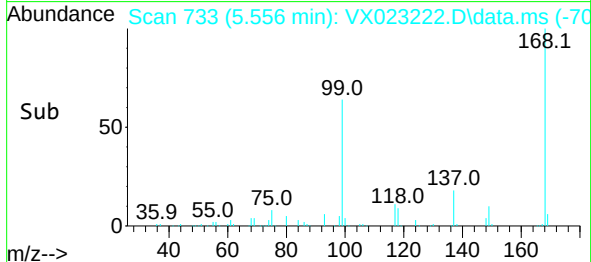
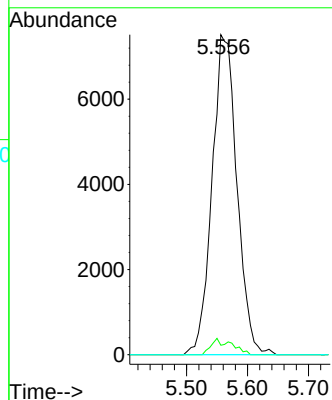


#38
Carbon Tetrachloride
Concen: 6.695 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

Instrument :
MSVOA_X
ClientSampleId :
MW-06-1.5-6.5-070621DL2

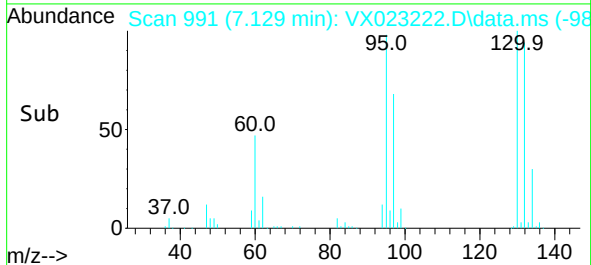
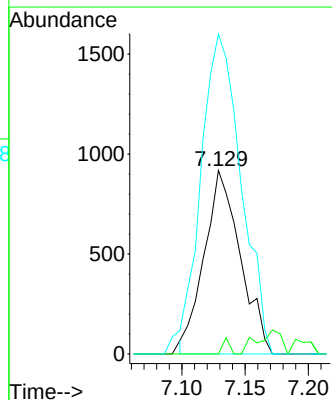
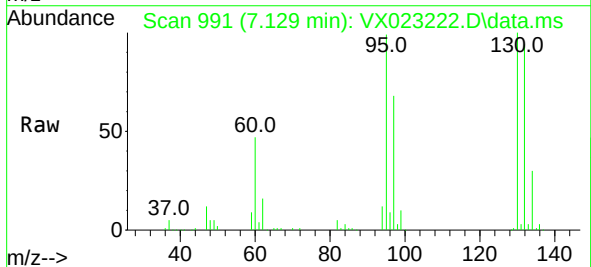


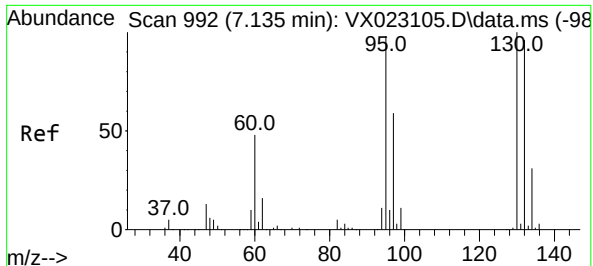
Tgt Ion:117 Resp: 21292
Ion Ratio Lower Upper
117 100
119 2.9 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.511 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

Tgt Ion: 83 Resp: 1820
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 168.6 38.1 57.1#

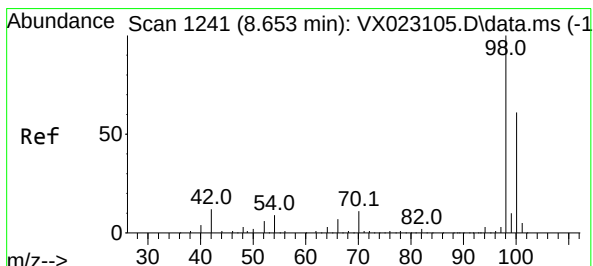
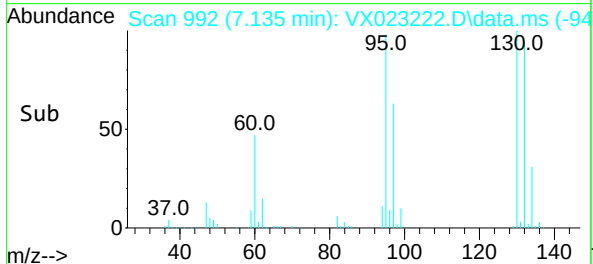
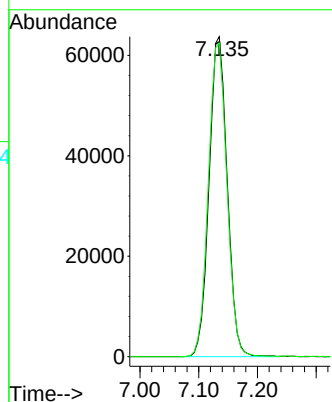
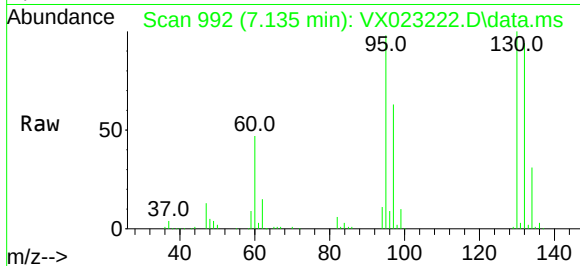




#44
Trichloroethene
Concen: 54.464 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

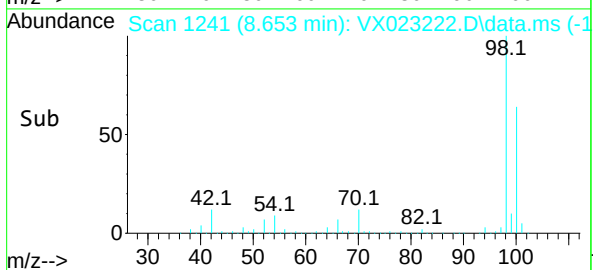
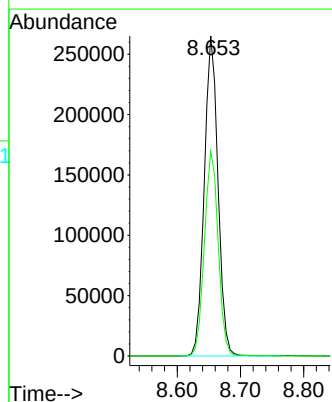
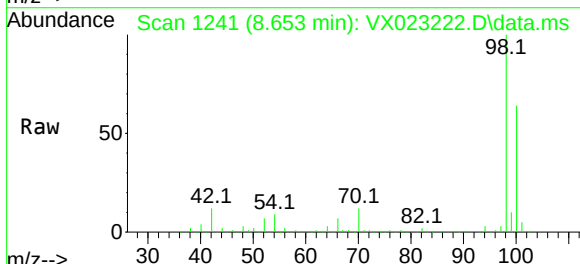
Instrument :
MSVOA_X
ClientSampleId :
MW-06-1.5-6.5-070621DL2

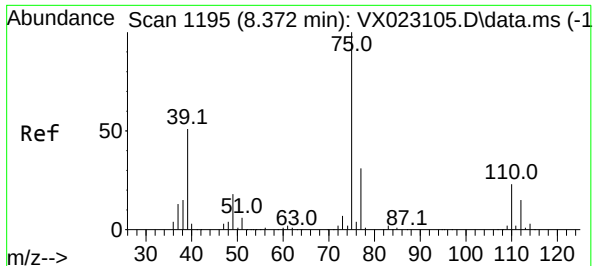
Tgt Ion:130 Resp: 136666
Ion Ratio Lower Upper
130 100
95 98.0 0.0 198.0



#50
Toluene-d8
Concen: 48.656 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

Tgt Ion: 98 Resp: 400555
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

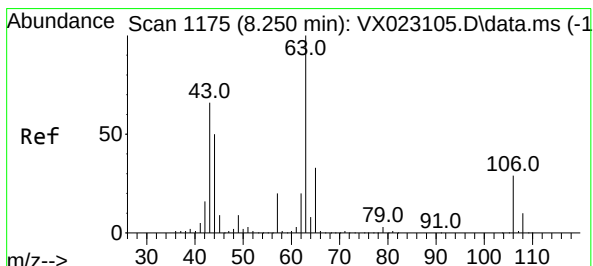
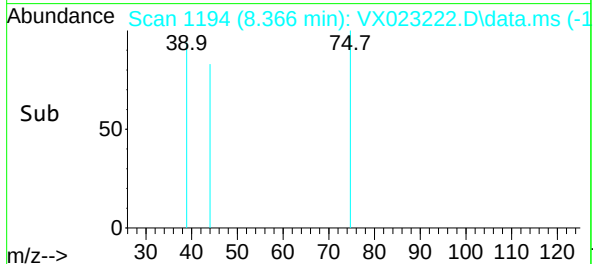
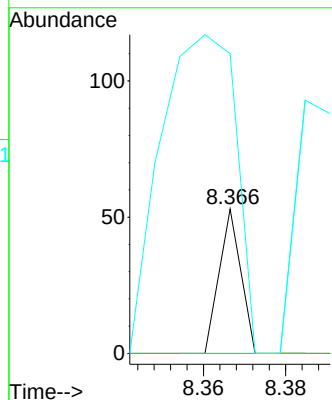
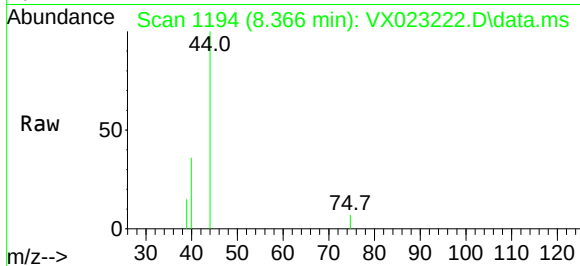




#54
 cis-1,3-Dichloropropene
 Concen: 2.177 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: VX023222.D
 Acq: 09 Jul 2021 15:38

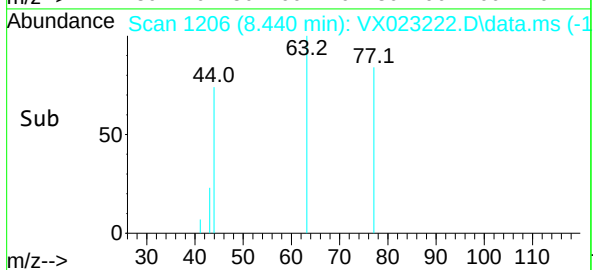
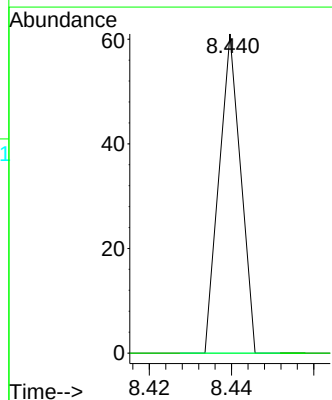
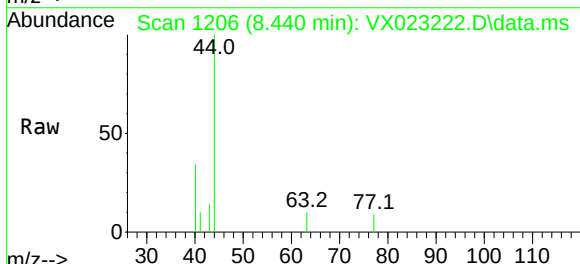
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06-1.5-6.5-070621DL2

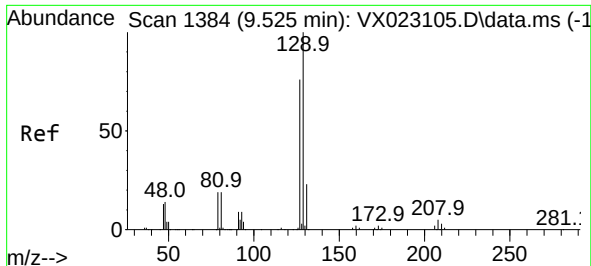
Tgt Ion:	75	Resp:	19
Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#
39	207.5	35.1	52.7#



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.700 ug/l
 RT: 8.440 min Scan# 1206
 Delta R.T. 0.190 min
 Lab File: VX023222.D
 Acq: 09 Jul 2021 15:38

Tgt Ion:	63	Resp:	22
Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.5	35.3#

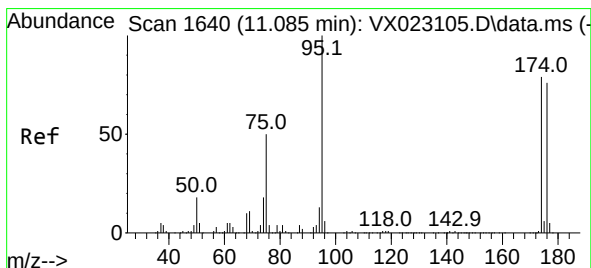
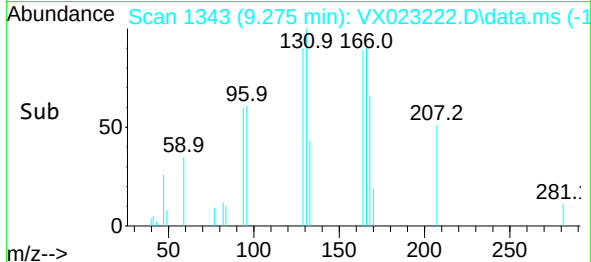
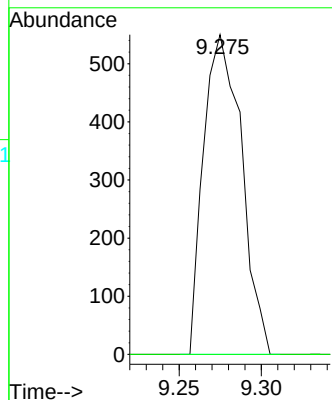
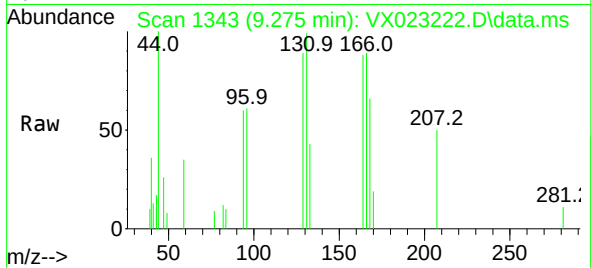




#60
Dibromochloromethane
Concen: 3.421 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

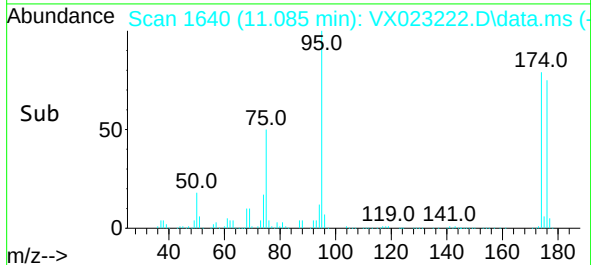
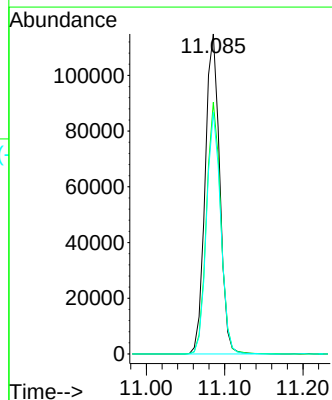
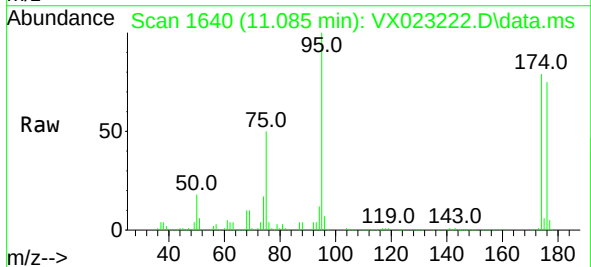
Instrument :
MSVOA_X
ClientSampleId :
MW-06-1.5-6.5-070621DL2

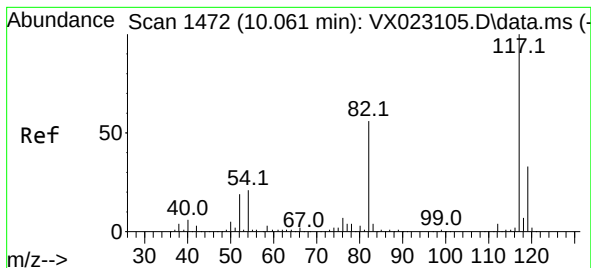
Tgt Ion:129 Resp: 884
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.459 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

Tgt Ion: 95 Resp: 147653
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 74.0 0.0 155.8

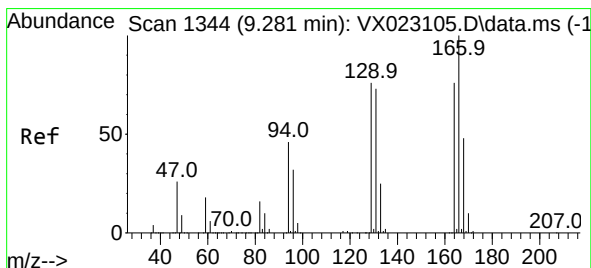
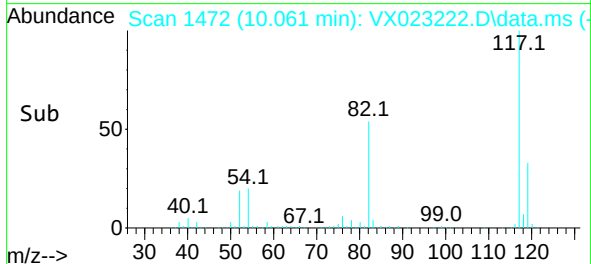
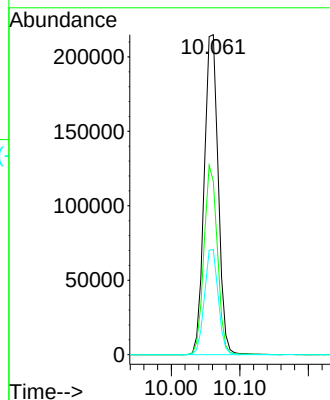
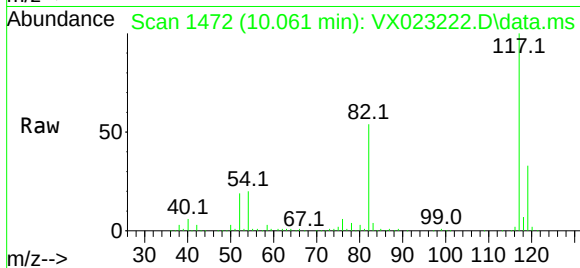




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

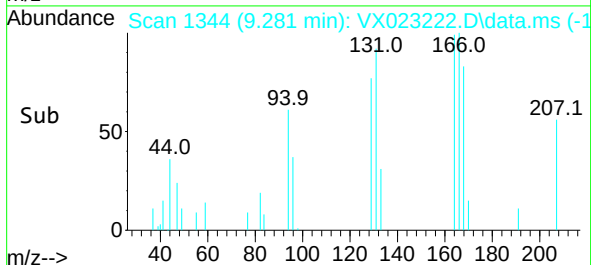
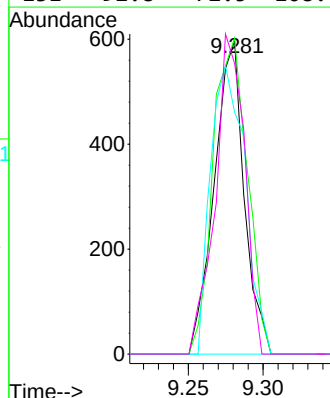
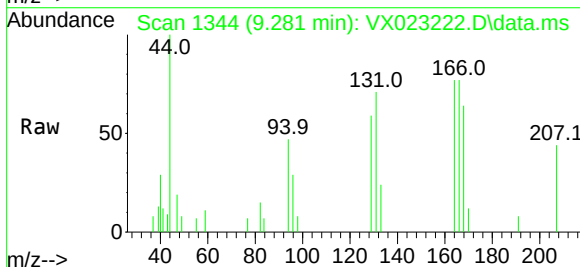
Instrument :
MSVOA_X
ClientSampleId :
MW-06-1.5-6.5-070621DL2

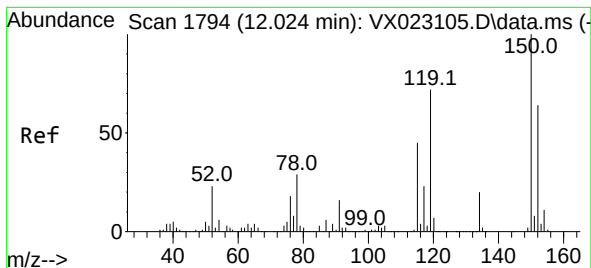
Tgt Ion:117 Resp: 306141
Ion Ratio Lower Upper
117 100
82 54.2 47.4 71.2
119 32.8 26.6 39.8



#64
Tetrachloroethene
Concen: 0.341 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

Tgt Ion:164 Resp: 832
Ion Ratio Lower Upper
164 100
166 100.8 103.4 155.2#
129 77.2 70.8 106.2
131 92.8 72.5 108.7

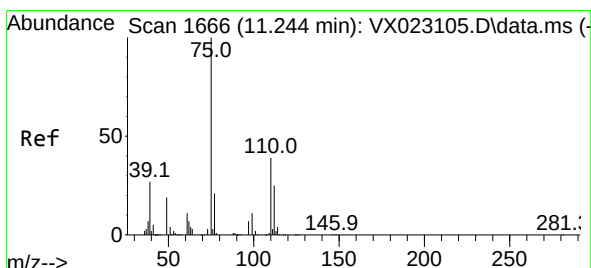
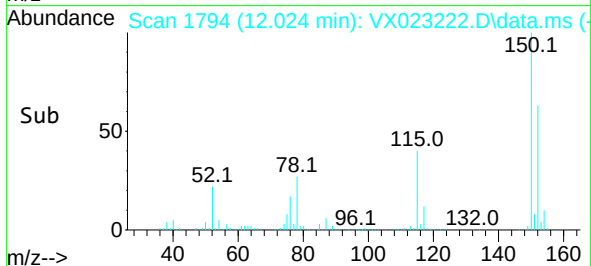
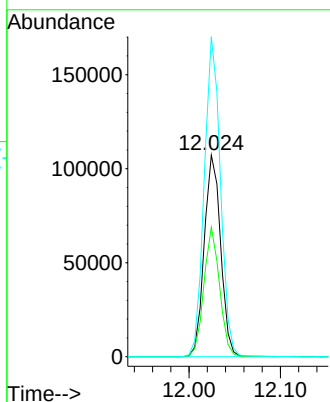
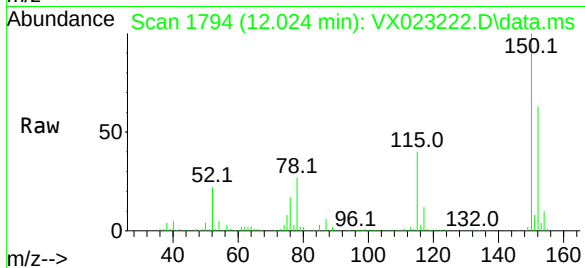




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023222.D
 Acq: 09 Jul 2021 15:38

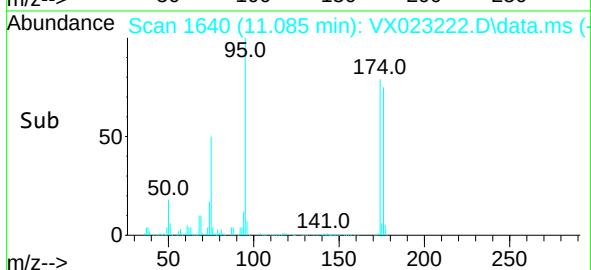
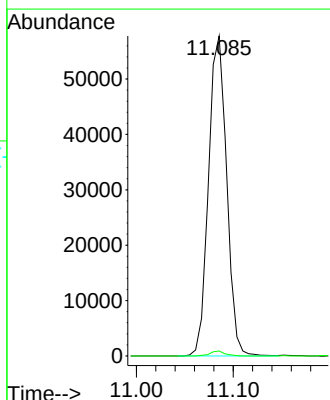
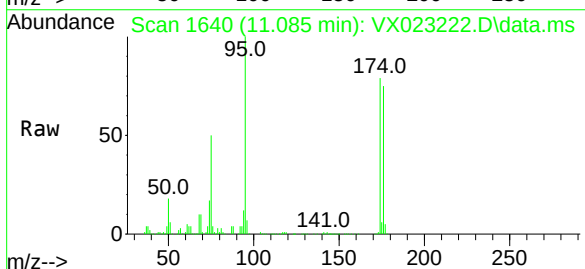
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06-1.5-6.5-070621DL2

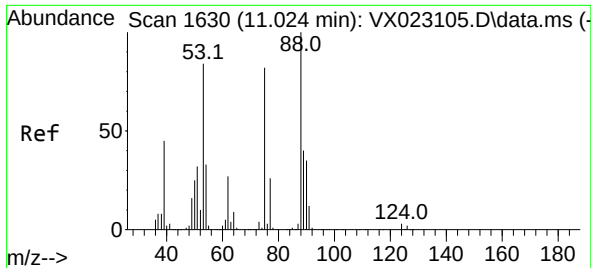
Tgt Ion:152 Resp: 133408
 Ion Ratio Lower Upper
 152 100
 115 61.4 41.1 123.3
 150 156.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.084 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023222.D
 Acq: 09 Jul 2021 15:38

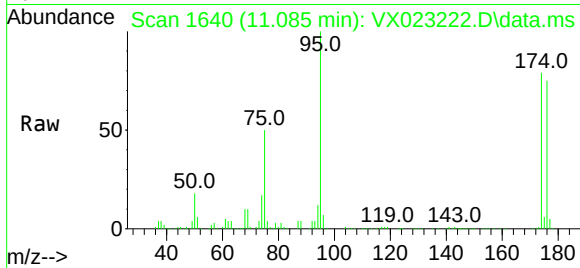
Tgt Ion: 75 Resp: 75395
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#



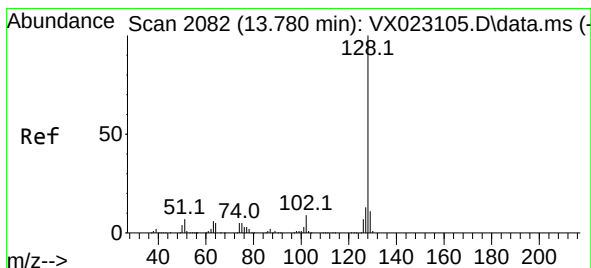
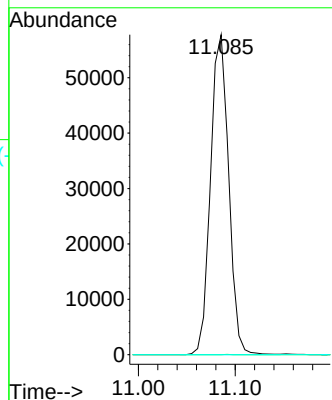
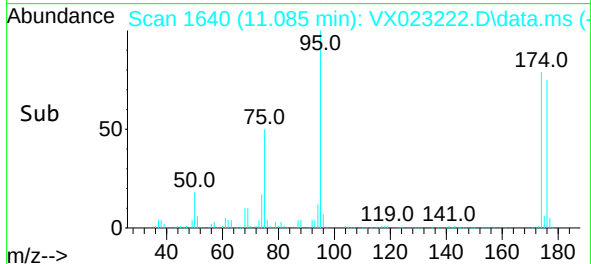


#81
trans-1,4-Dichloro-2-butene
Concen: 75.711 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38

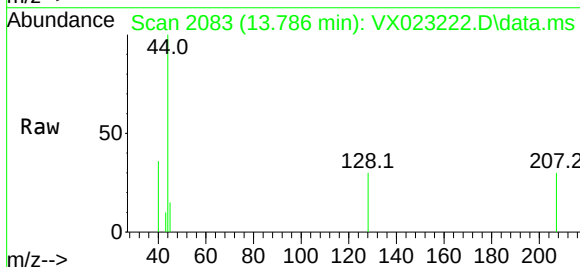
Instrument :
MSVOA_X
ClientSampleId :
MW-06-1.5-6.5-070621DL2



Tgt Ion: 75 Resp: 75395
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.295 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023222.D
Acq: 09 Jul 2021 15:38



Tgt Ion: 128 Resp: 200
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

