

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024035.D
 Acq On : 31 Aug 2021 11:40
 Operator : JC/MD
 Sample : M3583-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-318.9-20210827

Quant Time: Sep 01 04:59:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

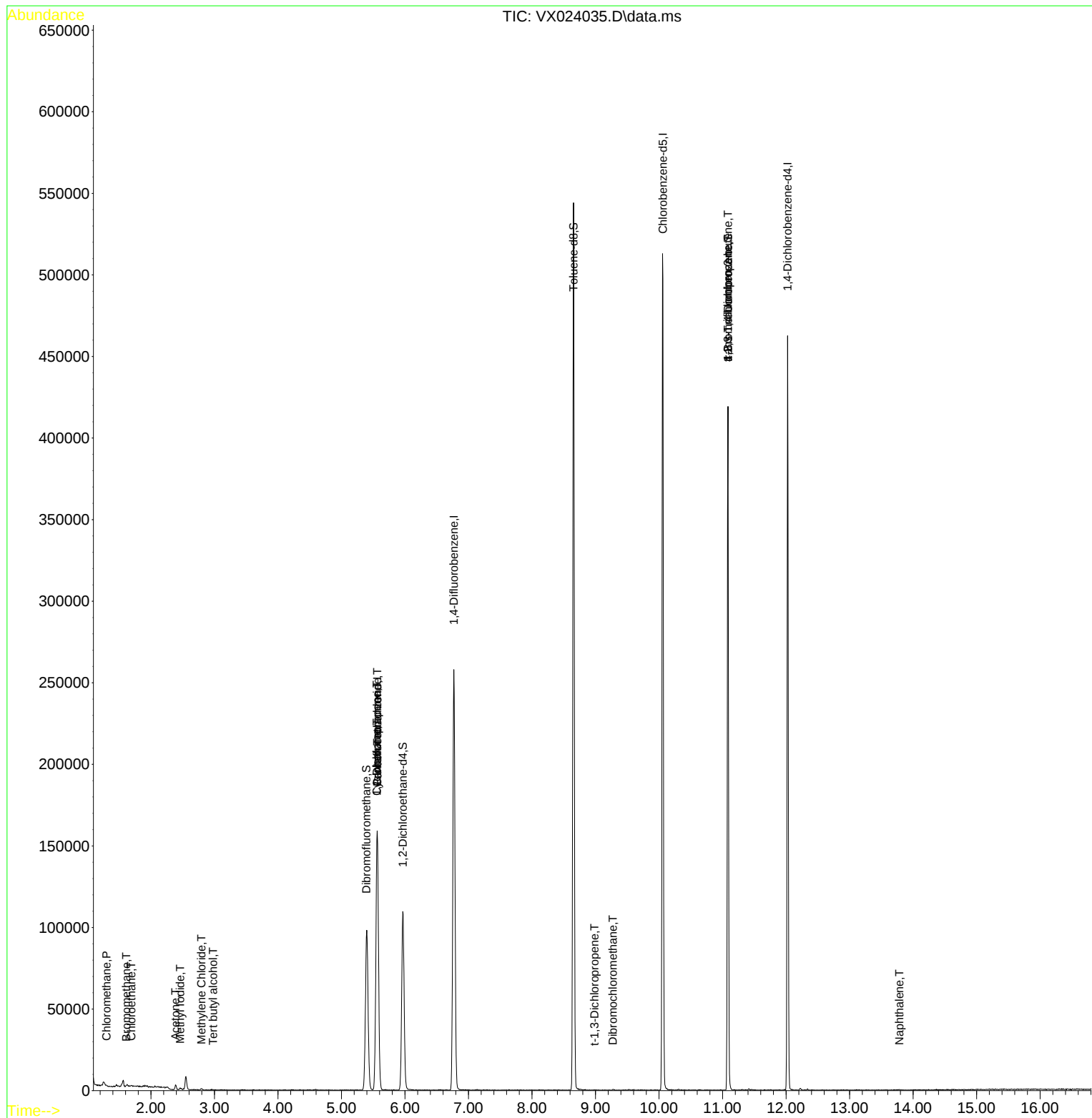
Internal Standards						
1) Pentafluorobenzene	5.562	168	148877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	252109	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	229976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111911	53.859	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.720%			
35) Dibromofluoromethane	5.391	113	83943	50.306	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.620%			
50) Toluene-d8	8.653	98	307922	48.484	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.960%			
62) 4-Bromofluorobenzene	11.085	95	105492	45.121	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.240%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	346	0.201	ug/l	98
5) Bromomethane	1.611	94	644	0.609	ug/l #	58
6) Chloroethane	1.691	64	274	2.404	ug/l #	43
10) Methyl Iodide	2.459	142	1158	0.557	ug/l #	96
11) Tert butyl alcohol	2.977	59	103	0.245	ug/l #	73
16) Acetone	2.386	43	3014	3.244	ug/l #	79
20) Methylene Chloride	2.794	84	474	0.267	ug/l #	68
31) Cyclohexane	5.556	56	3325	1.246	ug/l #	7
36) 1,1-Dichloropropene	5.556	75	12200	5.225	ug/l #	51
38) Carbon Tetrachloride	5.562	117	15378	6.316	ug/l #	16
53) t-1,3-Dichloropropene	8.982	75	20	2.144	ug/l #	44
60) Dibromochloromethane	9.275	129	51	1.712	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	56537	27.192	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	56537	79.985	ug/l #	12
95) Naphthalene	13.786	128	285	1.325	ug/l #	69

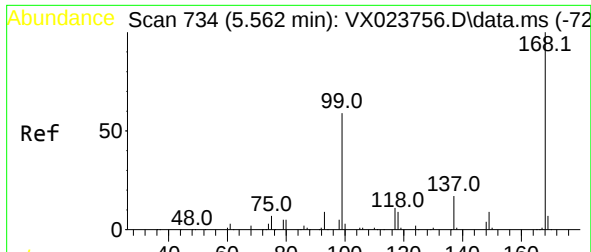
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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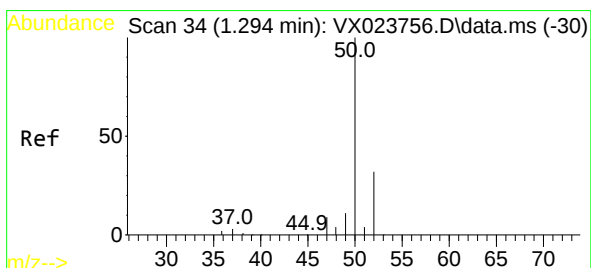
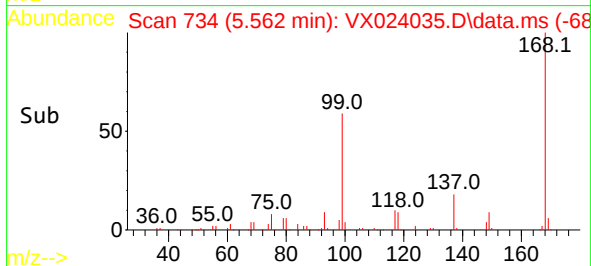
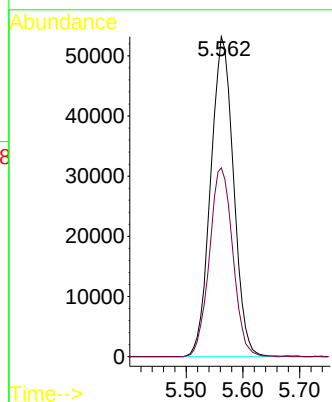
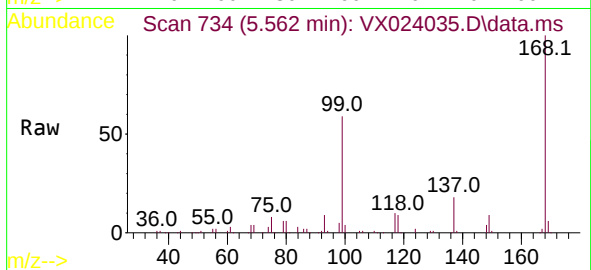




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40

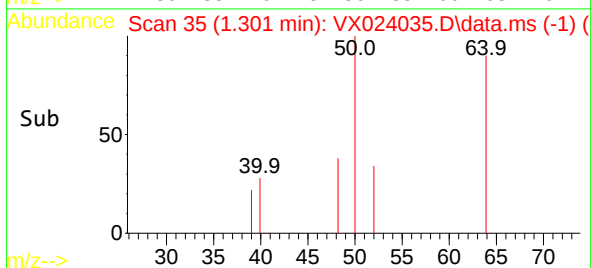
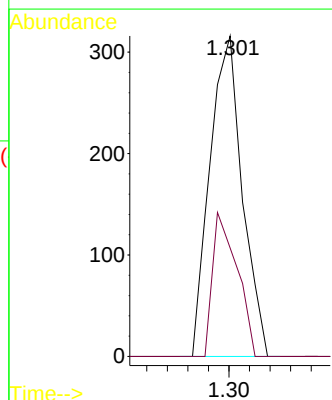
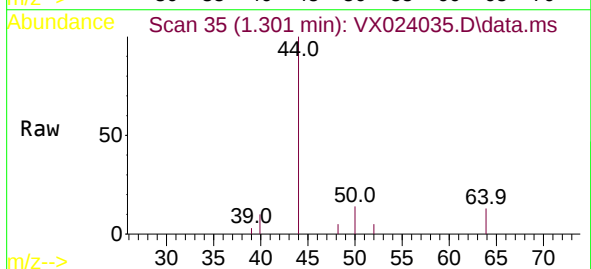
Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20210827

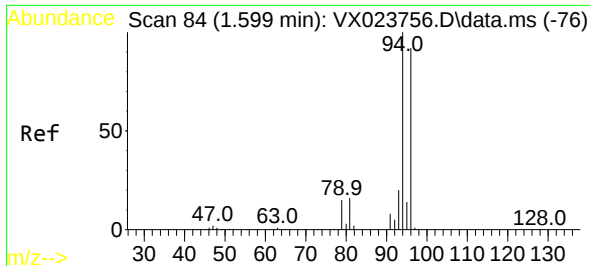
Tgt Ion:168 Resp: 148877
Ion Ratio Lower Upper
168 100
99 59.0 45.8 68.6



#3
Chloromethane
Concen: 0.201 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40

Tgt Ion: 50 Resp: 346
Ion Ratio Lower Upper
50 100
52 33.9 26.4 39.6

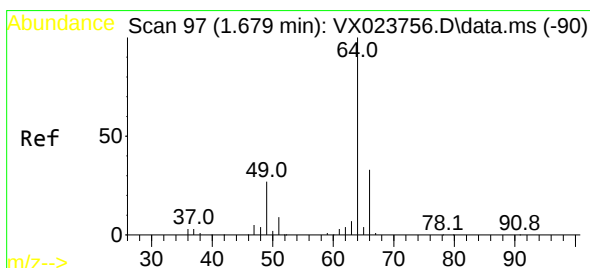
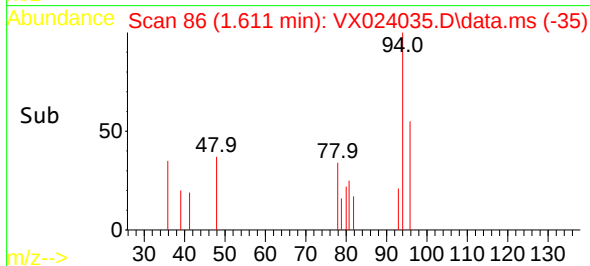
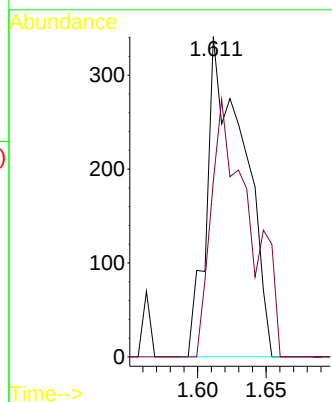
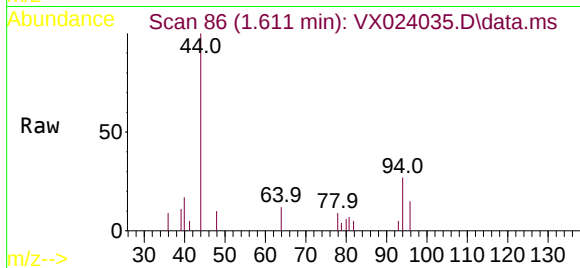




#5
Bromomethane
Concen: 0.609 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40

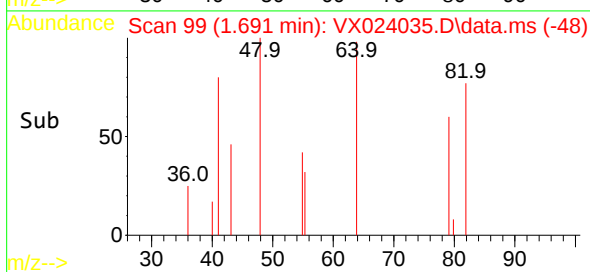
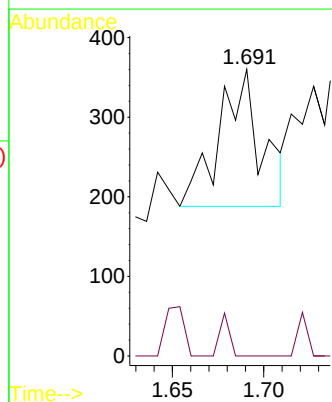
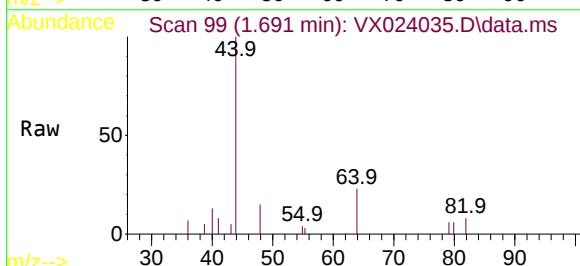
Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20210827

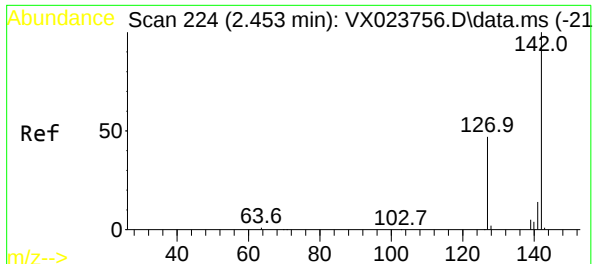
Tgt Ion: 94 Resp: 644
Ion Ratio Lower Upper
94 100
96 54.8 76.4 114.6#



#6
Chloroethane
Concen: 2.404 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40

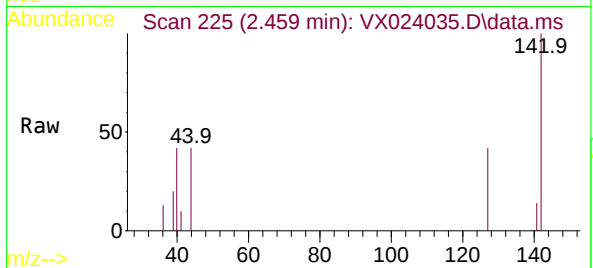
Tgt Ion: 64 Resp: 274
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



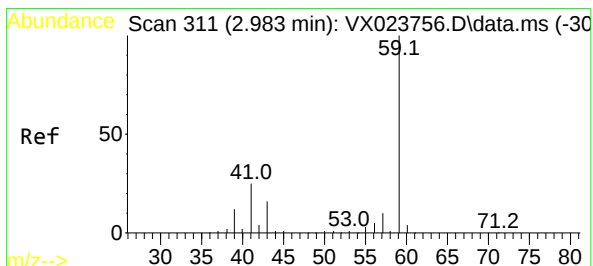
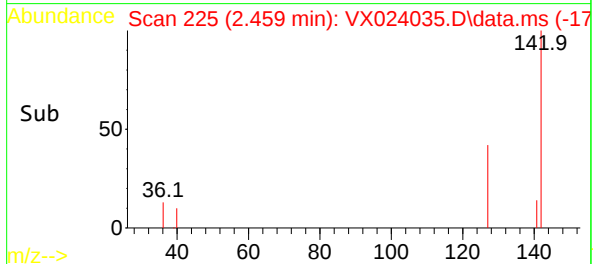
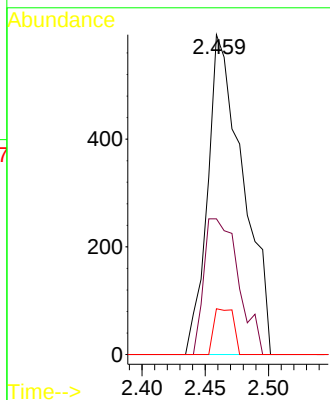


#10
Methyl Iodide
Concen: 0.557 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20210827

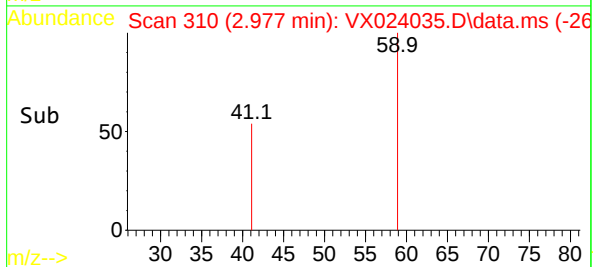
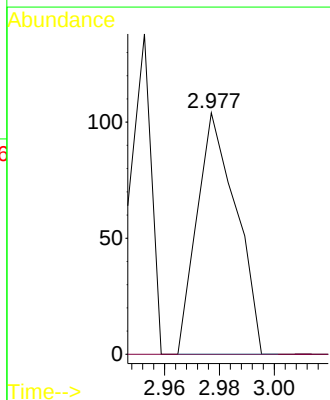
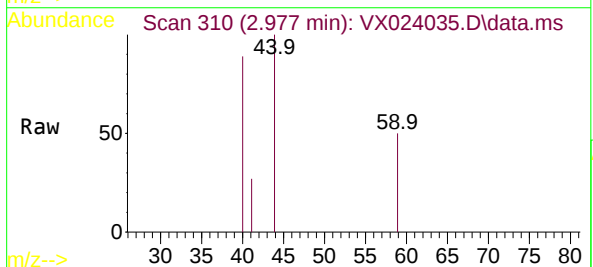


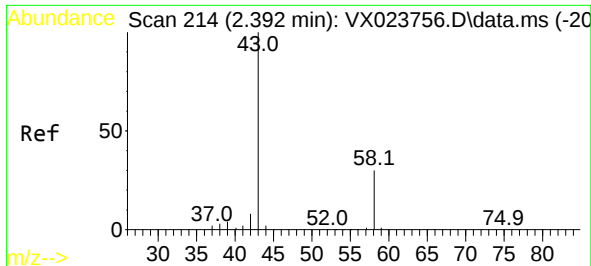
Tgt Ion:142 Resp: 1158
Ion Ratio Lower Upper
142 100
127 41.3 33.3 49.9
141 7.9 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.245 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40

Tgt Ion: 59 Resp: 103
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

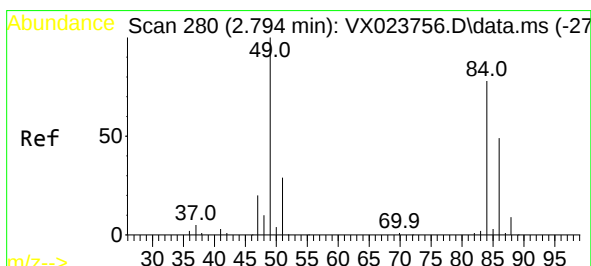
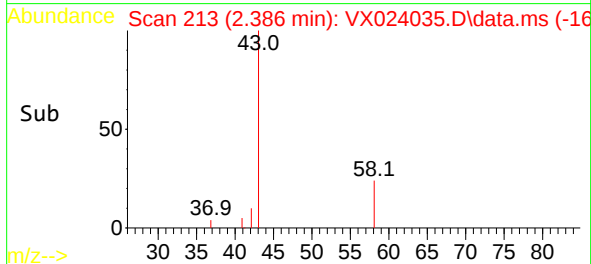
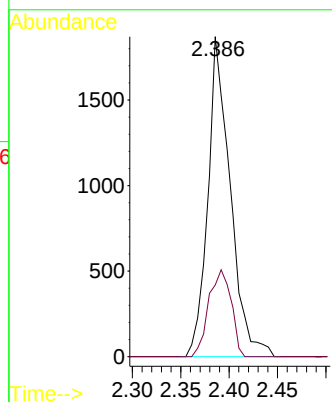
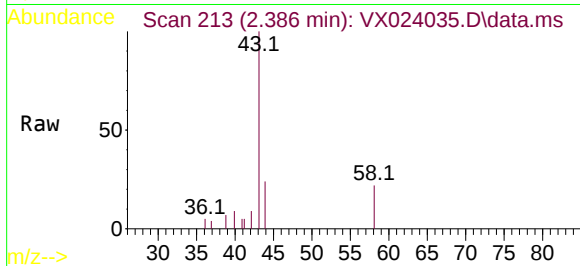




#16
Acetone
Concen: 3.244 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40

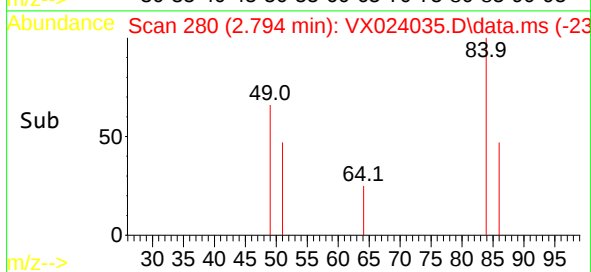
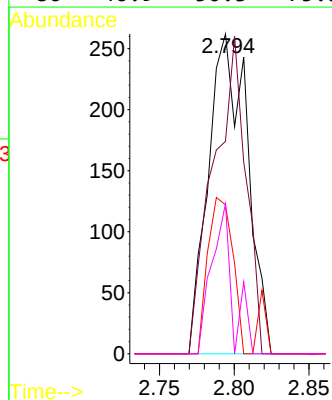
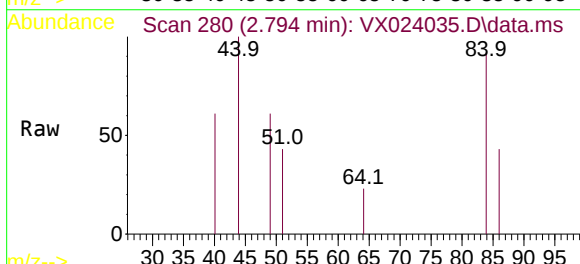
Instrument :
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MH-318.9-20210827

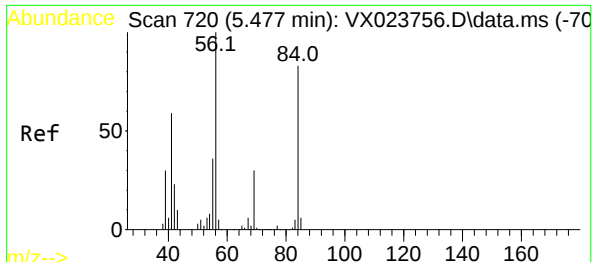
Tgt Ion: 43 Resp: 3014
Ion Ratio Lower Upper
43 100
58 22.4 27.8 41.8#



#20
Methylene Chloride
Concen: 0.267 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40

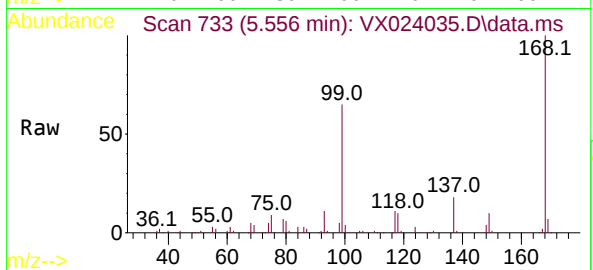
Tgt Ion: 84 Resp: 474
Ion Ratio Lower Upper
84 100
49 66.4 88.6 132.8#
51 46.6 27.0 40.6#
86 46.9 50.3 75.5#



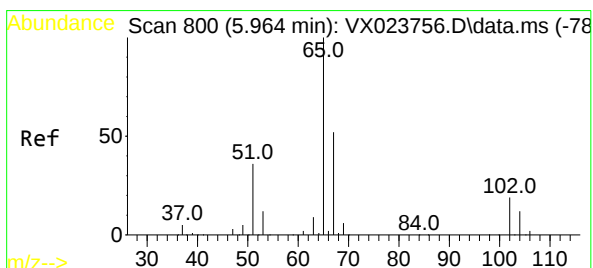
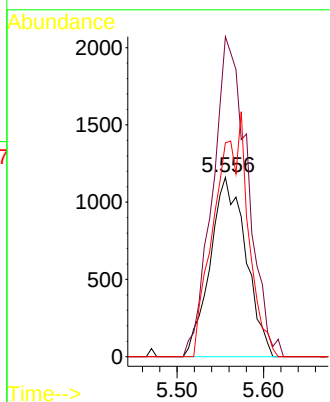
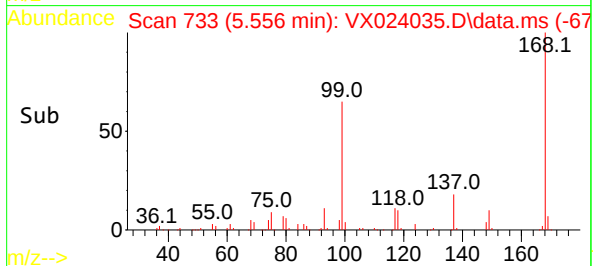


#31
Cyclohexane
Concen: 1.246 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40

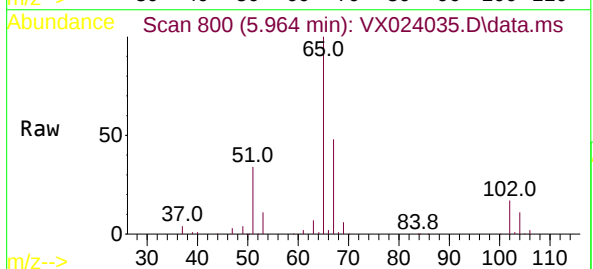
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MSVOA_X
ClientSampleId :
MH-318.9-20210827



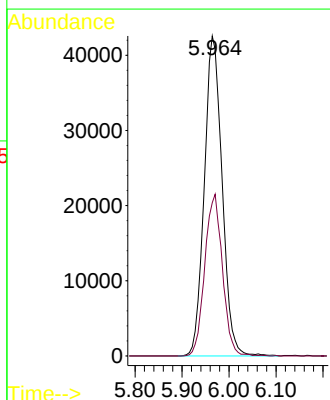
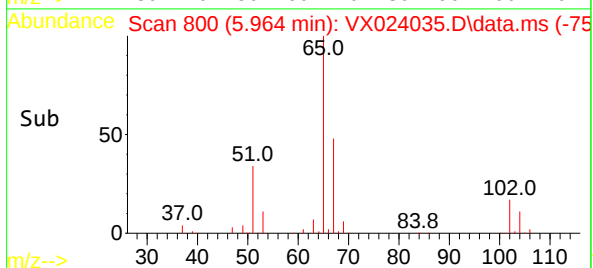
Tgt Ion: 56 Resp: 3325
Ion Ratio Lower Upper
56 100
69 178.4 25.3 37.9#
84 119.3 71.4 107.0#

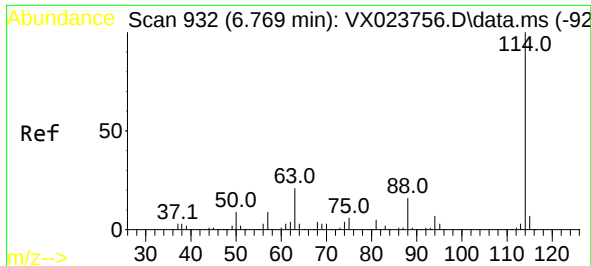


#33
1,2-Dichloroethane-d4
Concen: 53.859 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40



Tgt Ion: 65 Resp: 111911
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4

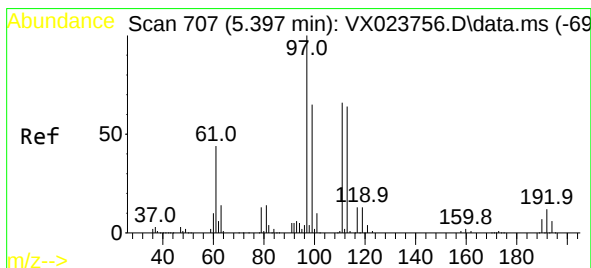
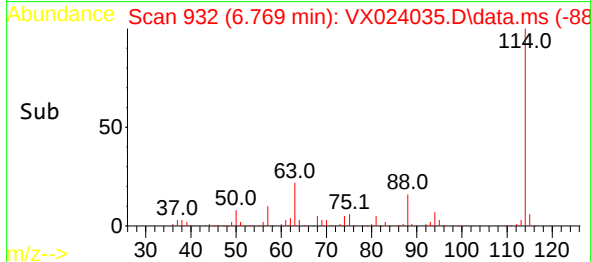
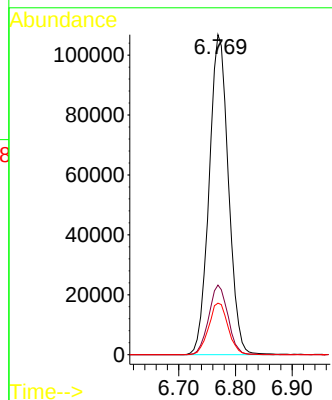
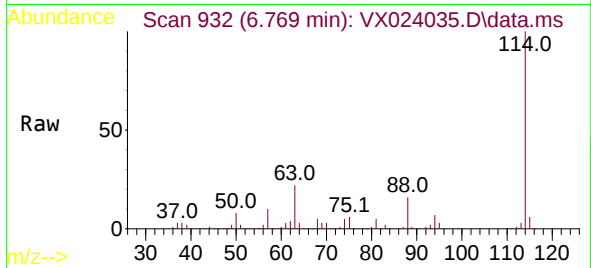




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40

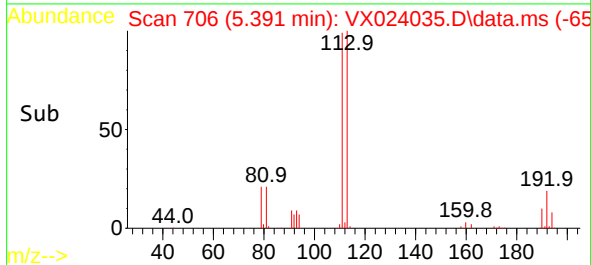
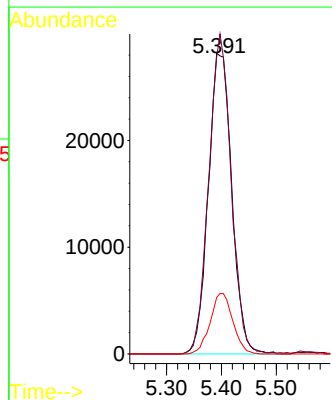
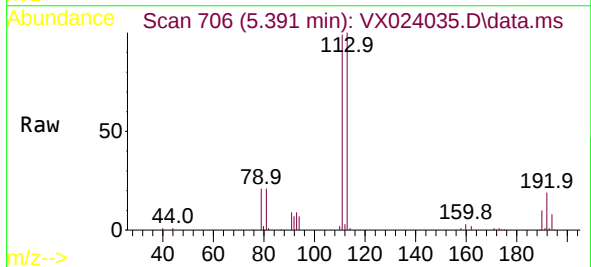
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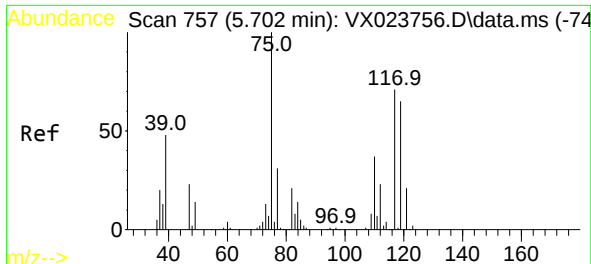
Tgt Ion:114 Resp: 252109
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.306 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40

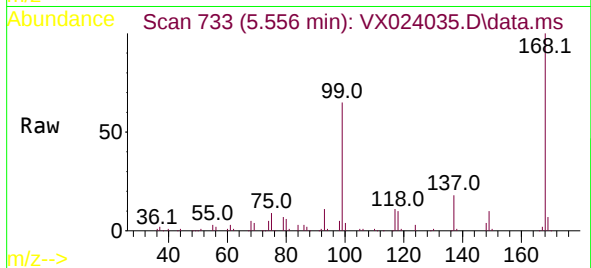
Tgt Ion:113 Resp: 83943
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 19.4 16.7 25.1



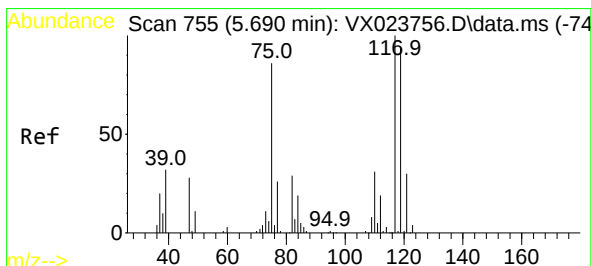
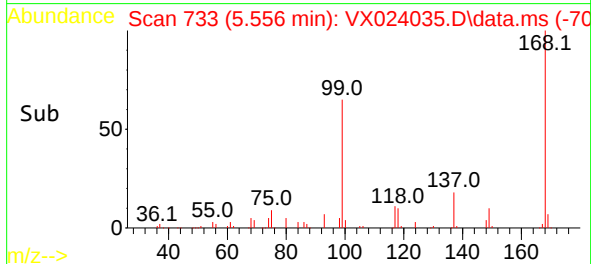
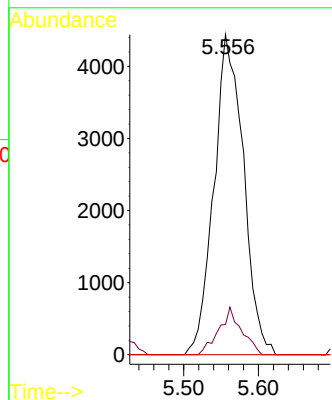


#36
1,1-Dichloropropene
Concen: 5.225 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40

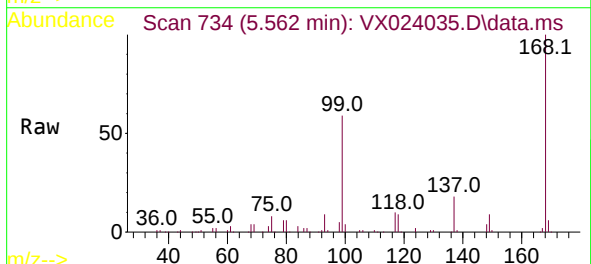
Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20210827



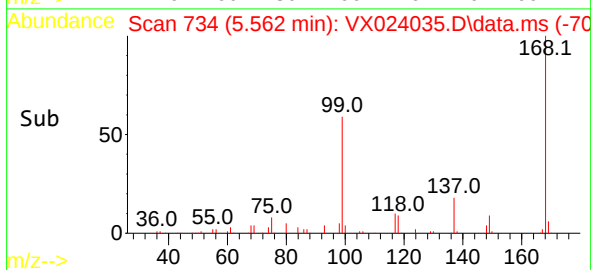
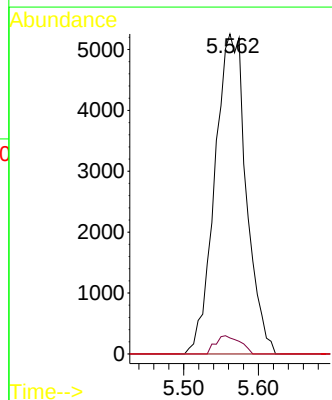
Tgt Ion: 75 Resp: 12200
Ion Ratio Lower Upper
75 100
110 11.4 18.1 54.4#
77 0.0 25.3 37.9#

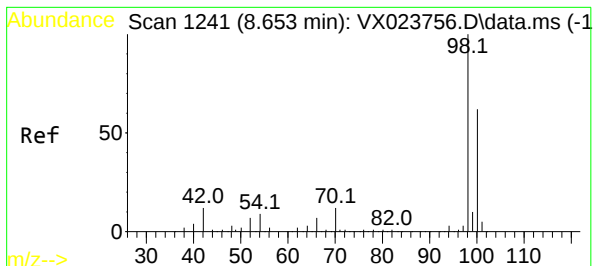


#38
Carbon Tetrachloride
Concen: 6.316 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40



Tgt Ion: 117 Resp: 15378
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#

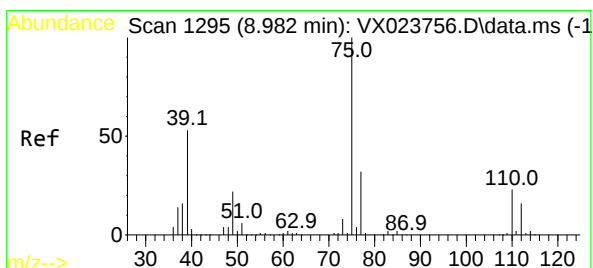
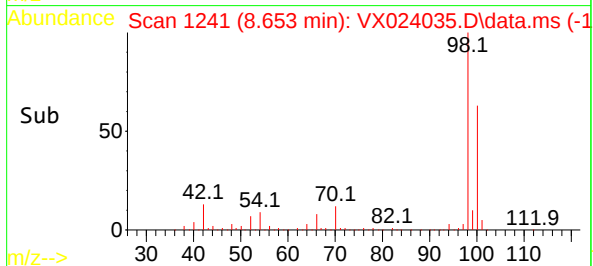
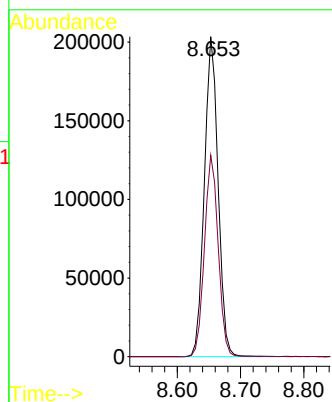
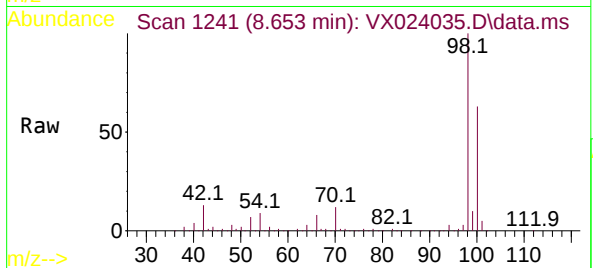




#50
Toluene-d8
Concen: 48.484 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40

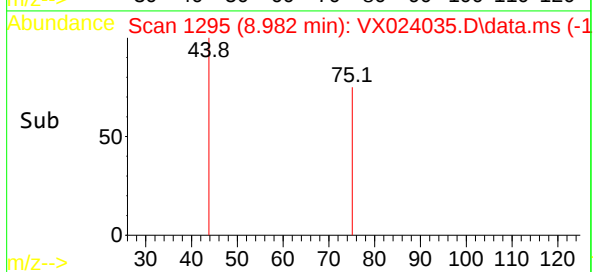
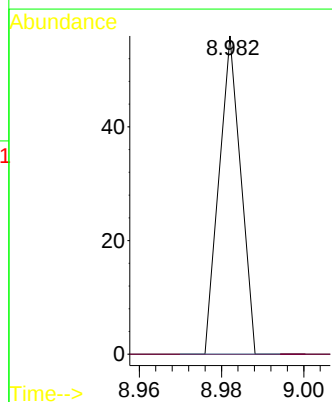
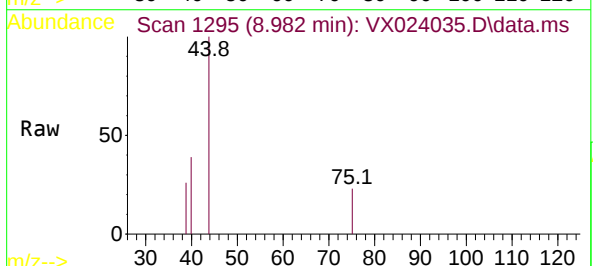
Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20210827

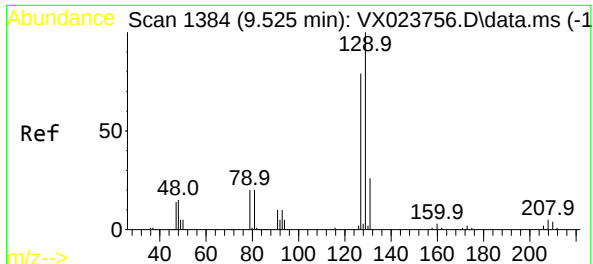
Tgt Ion: 98 Resp: 307922
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.144 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

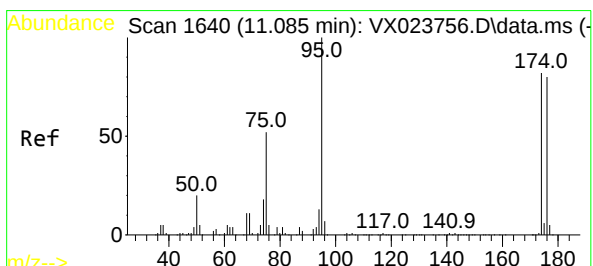
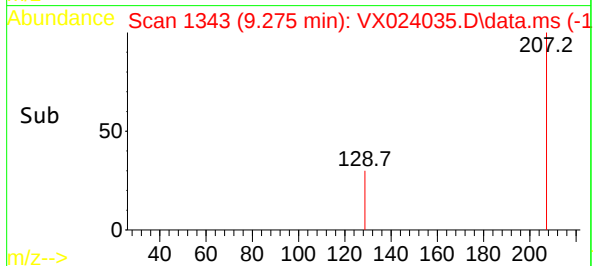
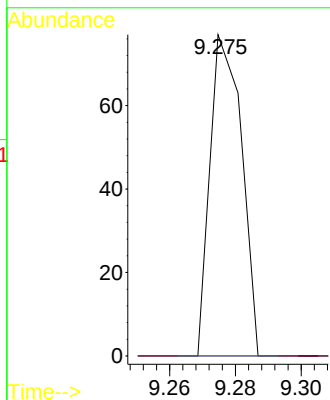
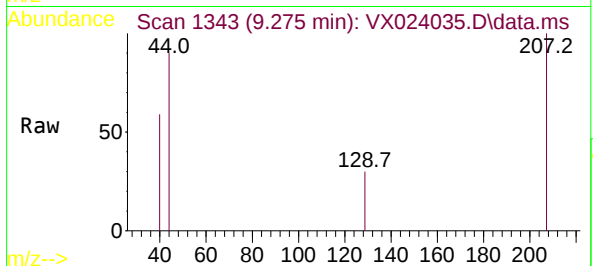




#60
Dibromochloromethane
Concen: 1.712 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40

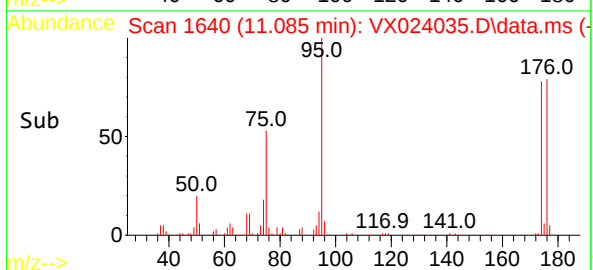
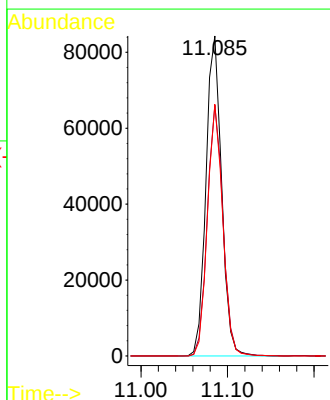
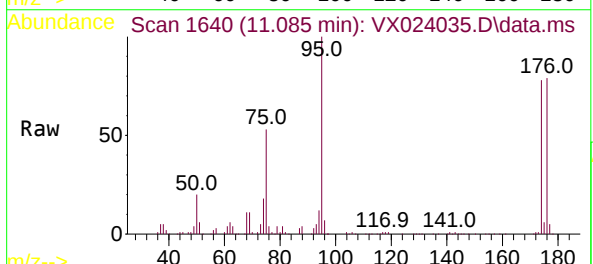
Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20210827

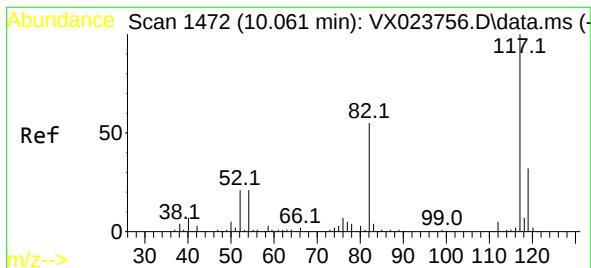
Tgt Ion:129 Resp: 51
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.121 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40

Tgt Ion: 95 Resp: 105492
Ion Ratio Lower Upper
95 100
174 78.8 0.0 154.6
176 77.1 0.0 155.8

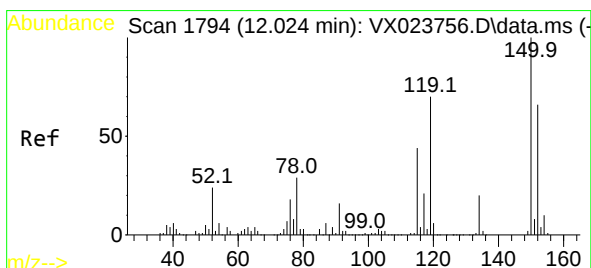
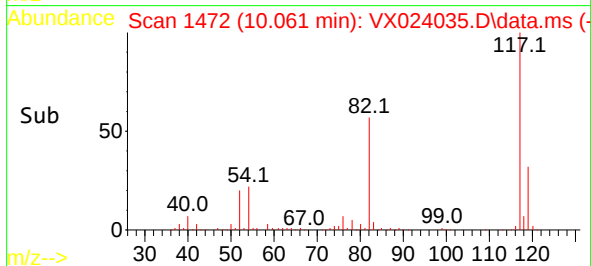
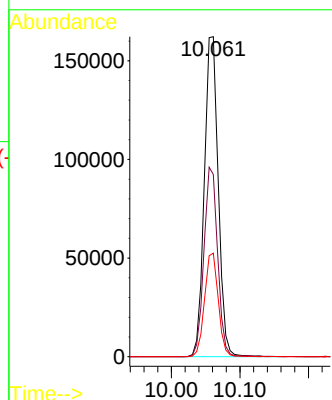
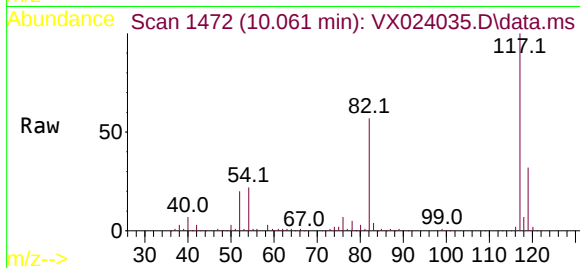




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40

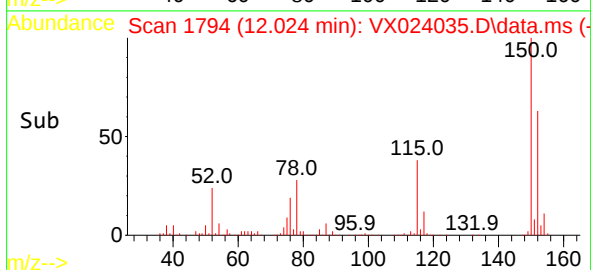
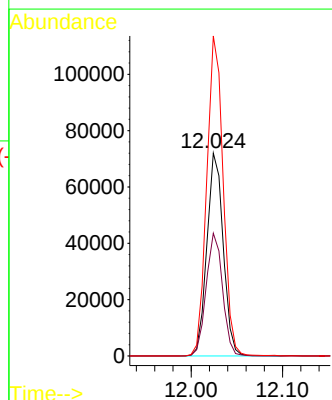
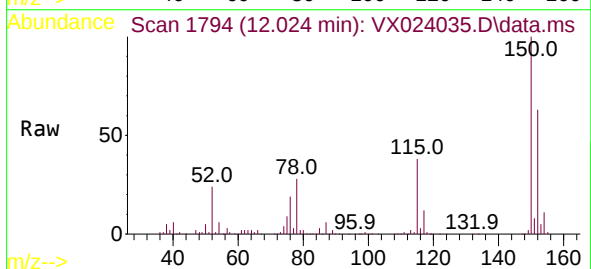
Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20210827

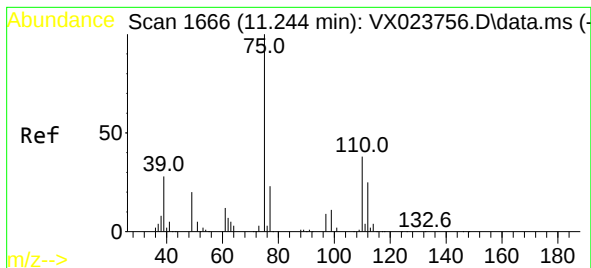
Tgt Ion:117 Resp: 229976
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40

Tgt Ion:152 Resp: 89132
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 158.0 0.0 349.0

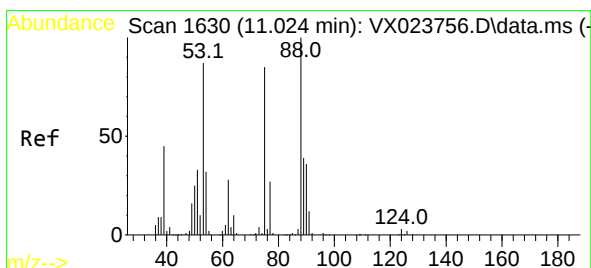
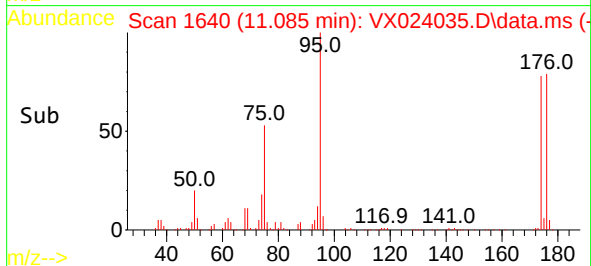
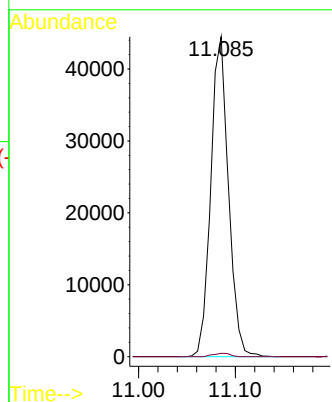
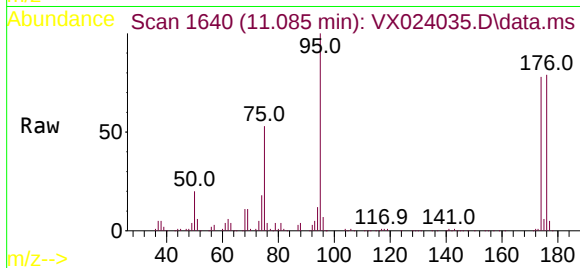




#76
1,2,3-Trichloropropane
Concen: 27.192 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40

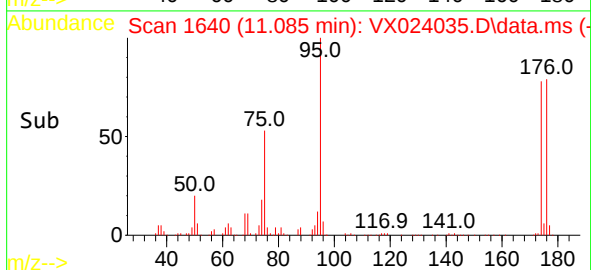
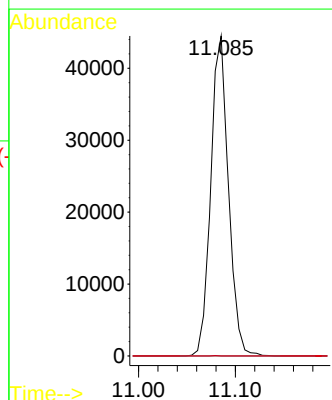
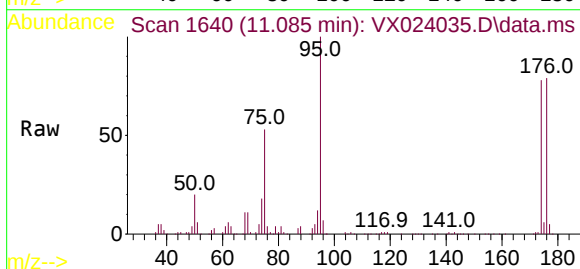
Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20210827

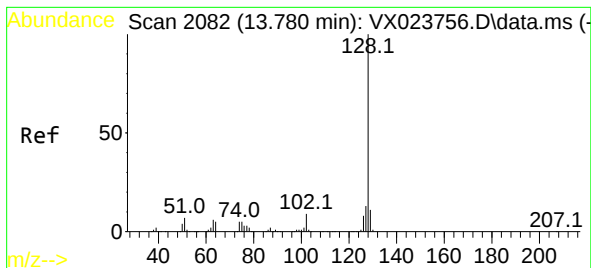
Tgt Ion: 75 Resp: 56537
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.985 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40

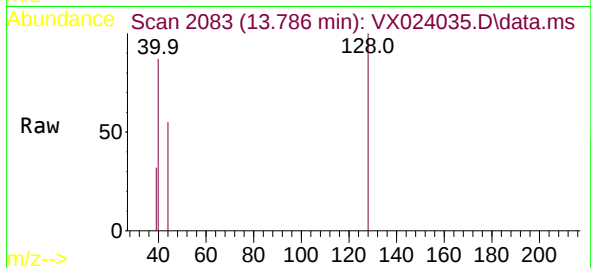
Tgt Ion: 75 Resp: 56537
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.325 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024035.D
Acq: 31 Aug 2021 11:40

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20210827



Tgt Ion:128 Resp: 285
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

