

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024034.D
 Acq On : 31 Aug 2021 11:16
 Operator : JC/MD
 Sample : M3583-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-125.9T-20210827

Quant Time: Sep 01 04:59:33 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)

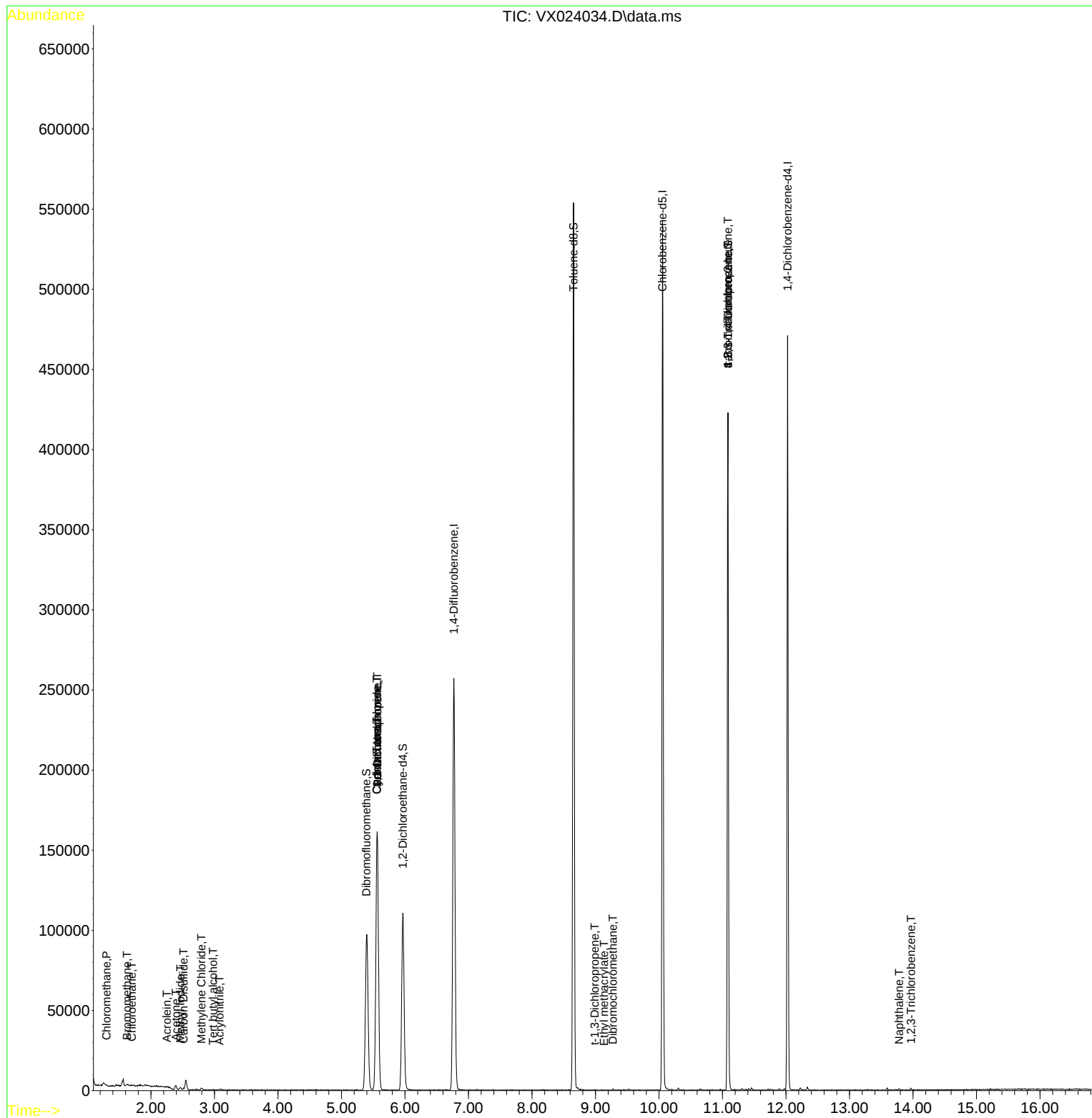
Internal Standards						
1) Pentafluorobenzene	5.562	168	147932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	254365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110668	53.601	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.200%			
35) Dibromofluoromethane	5.391	113	84295	50.069	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.140%			
50) Toluene-d8	8.653	98	312562	48.778	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.560%			
62) 4-Bromofluorobenzene	11.085	95	107163	45.430	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.860%			
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	443	0.259	ug/l	93
5) Bromomethane	1.624	94	676	0.643	ug/l	90
6) Chloroethane	1.697	64	300	2.423	ug/l #	43
10) Methyl Iodide	2.465	142	1630	0.788	ug/l #	95
11) Tert butyl alcohol	2.977	59	187	0.448	ug/l #	73
13) Acrolein	2.252	56	125	0.503	ug/l #	70
15) Acrylonitrile	3.081	53	247	0.265	ug/l #	62
16) Acetone	2.392	43	2832	3.068	ug/l #	78
17) Carbon Disulfide	2.514	76	1270	0.375	ug/l	95
20) Methylene Chloride	2.794	84	520	0.295	ug/l #	75
31) Cyclohexane	5.556	56	3583	1.351	ug/l #	47
36) 1,1-Dichloropropene	5.562	75	12271	5.209	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15468	6.297	ug/l #	14
53) t-1,3-Dichloropropene	8.988	75	139	2.181	ug/l #	44
56) Ethyl methacrylate	9.135	69	44	0.773	ug/l #	35
60) Dibromochloromethane	9.275	129	46	1.710	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	57675	27.975	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	57675	82.289	ug/l #	12
95) Naphthalene	13.780	128	903	1.419	ug/l #	79
96) 1,2,3-Trichlorobenzene	13.969	180	389	0.223	ug/l	91

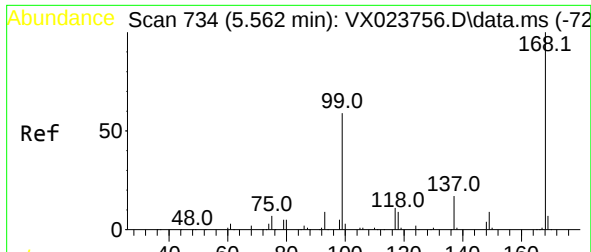
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MH-125.9T-20210827

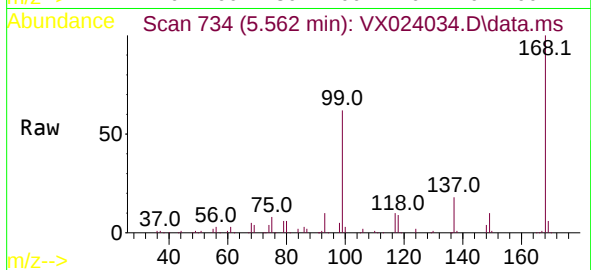
Quant Time: Sep 01 04:59:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
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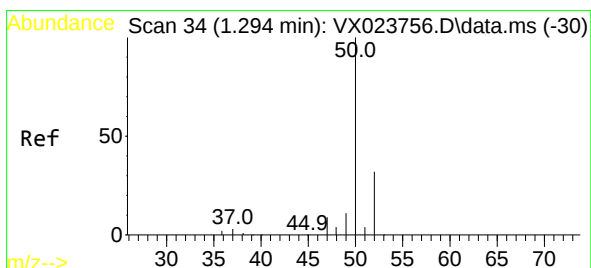
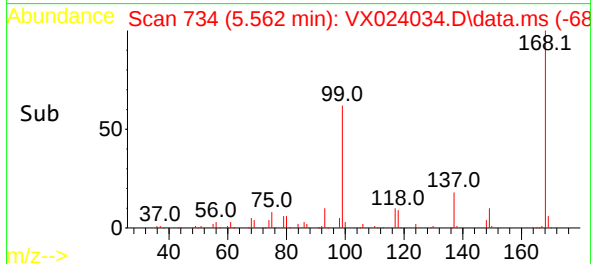
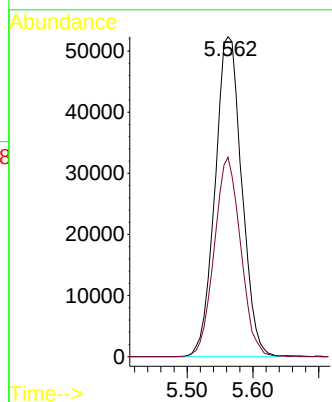


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20210827

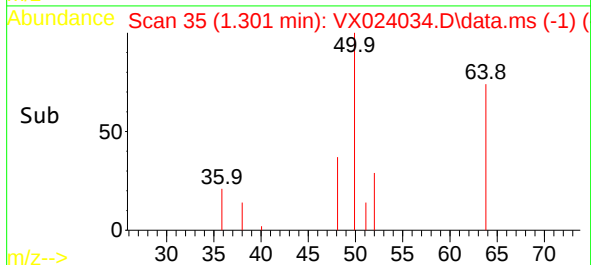
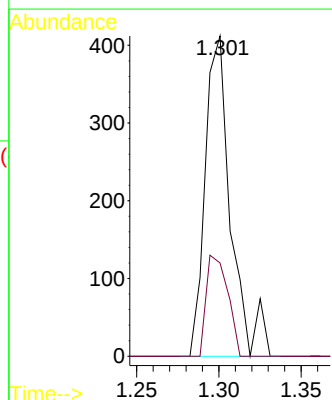
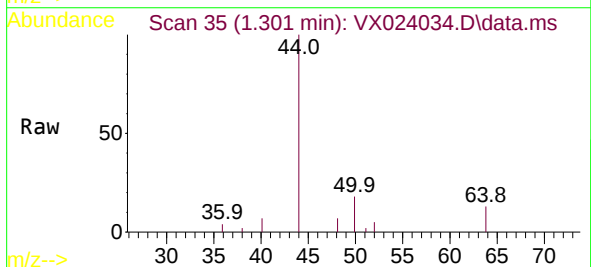


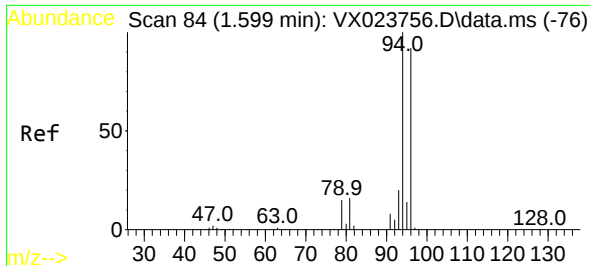
Tgt Ion:168 Resp: 147932
Ion Ratio Lower Upper
168 100
99 62.2 45.8 68.6



#3
Chloromethane
Concen: 0.259 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

Tgt Ion: 50 Resp: 443
Ion Ratio Lower Upper
50 100
52 29.1 26.4 39.6

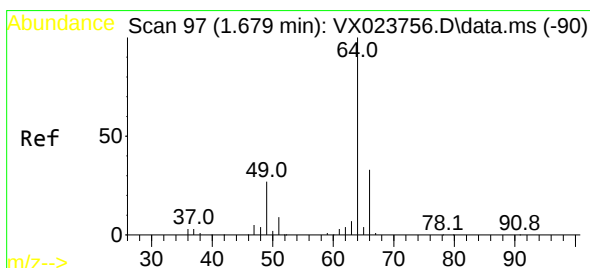
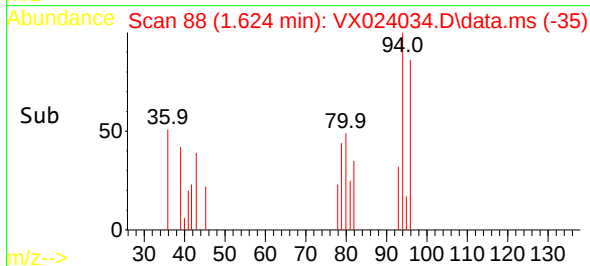
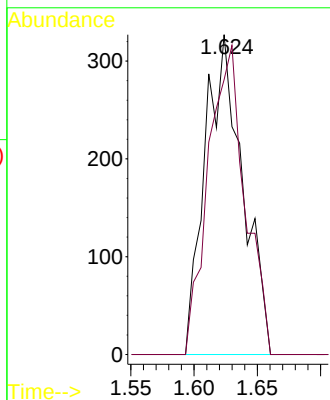
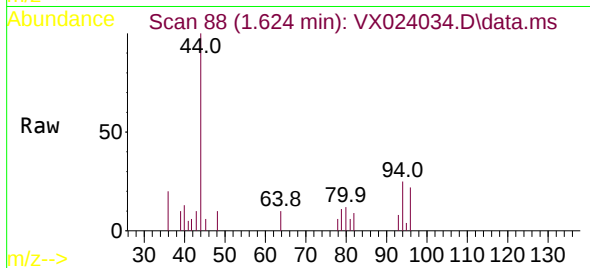




#5
Bromomethane
Concen: 0.643 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

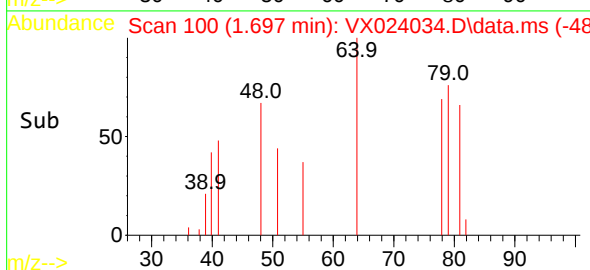
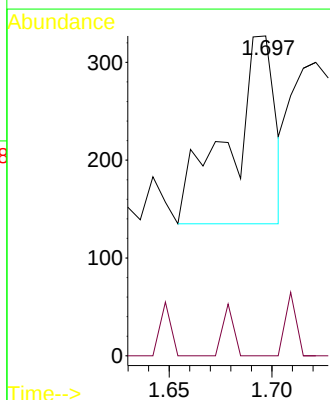
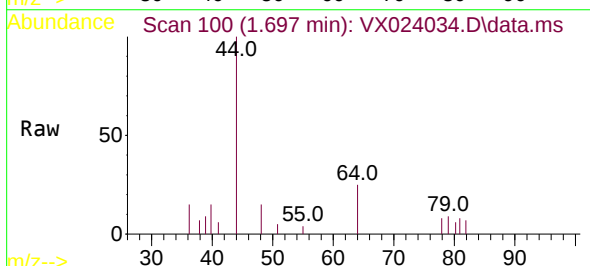
Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20210827

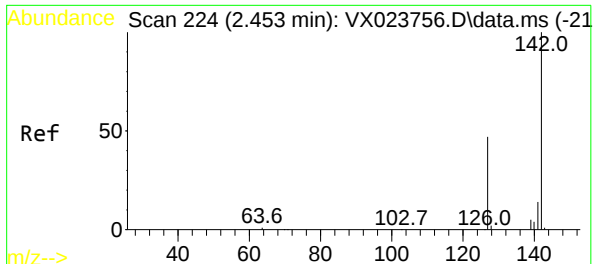
Tgt Ion: 94 Resp: 676
Ion Ratio Lower Upper
94 100
96 85.9 76.4 114.6



#6
Chloroethane
Concen: 2.423 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

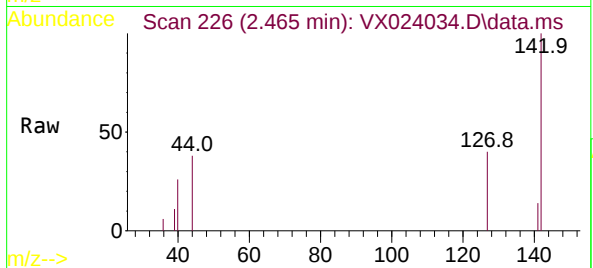
Tgt Ion: 64 Resp: 300
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



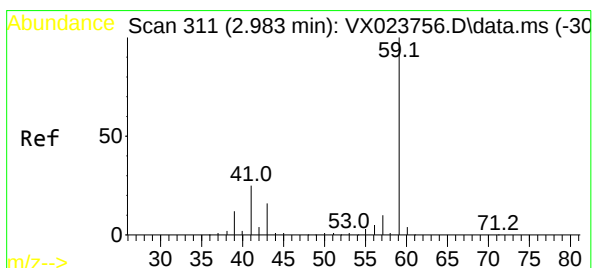
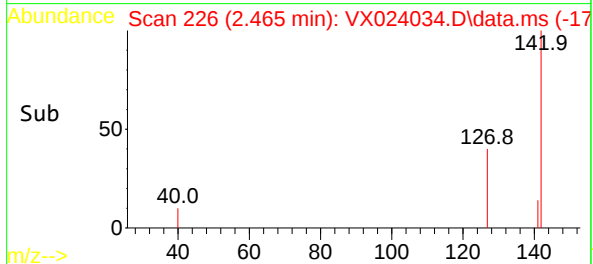
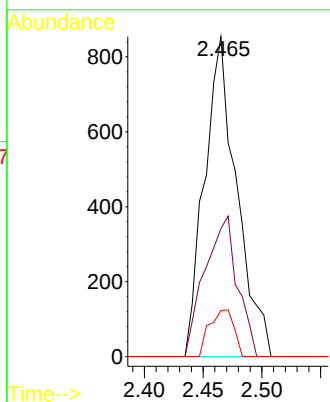


#10
Methyl Iodide
Concen: 0.788 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20210827

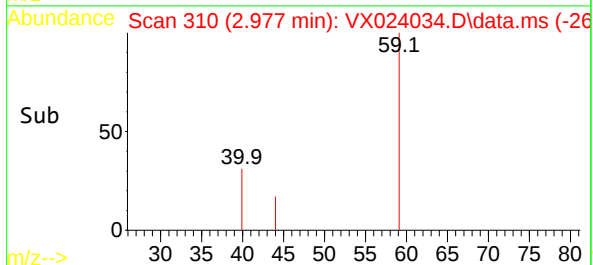
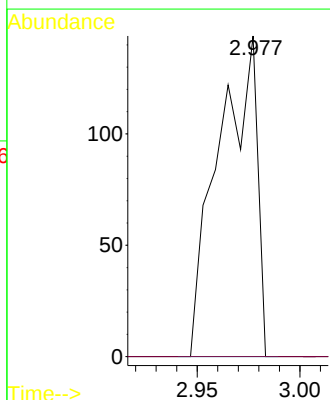
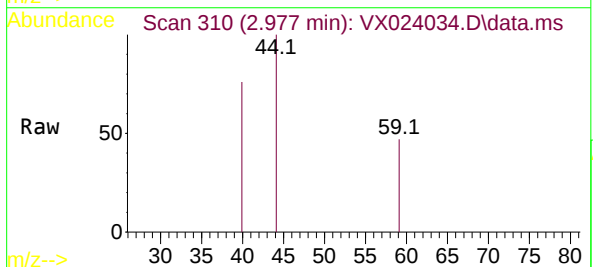


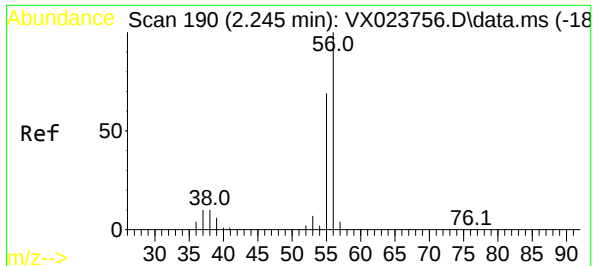
Tgt Ion:142 Resp: 1630
Ion Ratio Lower Upper
142 100
127 44.4 33.3 49.9
141 11.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.448 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

Tgt Ion: 59 Resp: 187
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

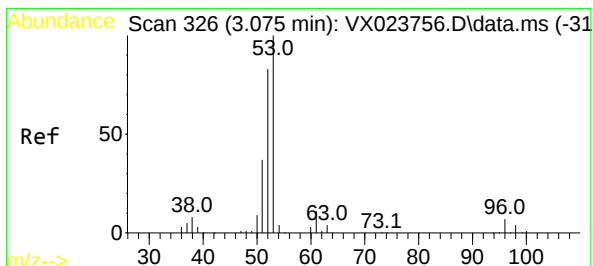
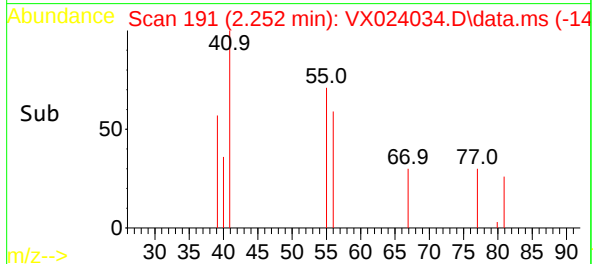
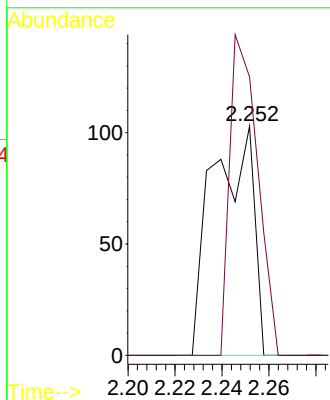
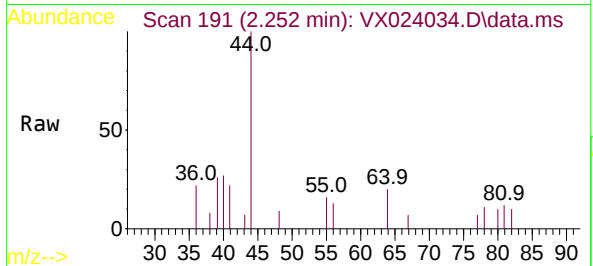




#13
Acrolein
Concen: 0.503 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.007 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

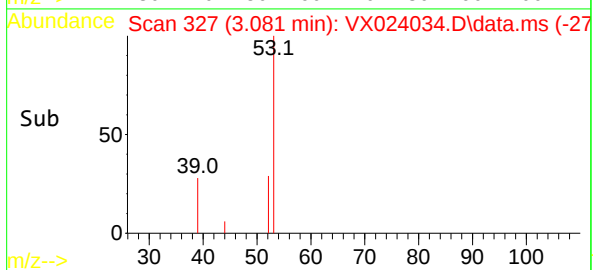
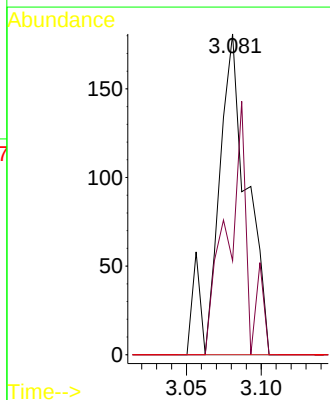
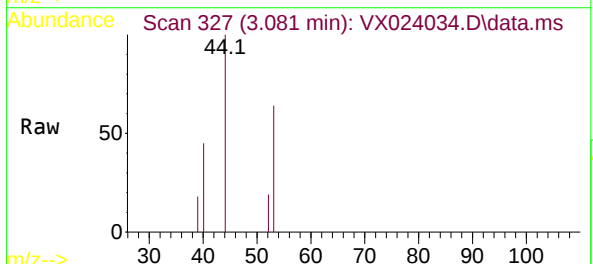
Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20210827

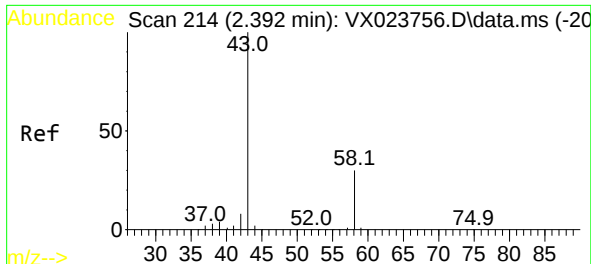
Tgt Ion: 56 Resp: 125
Ion Ratio Lower Upper
56 100
55 95.2 56.4 84.6#



#15
Acrylonitrile
Concen: 0.265 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

Tgt Ion: 53 Resp: 247
Ion Ratio Lower Upper
53 100
52 55.9 65.3 97.9#
51 0.0 28.2 42.2#

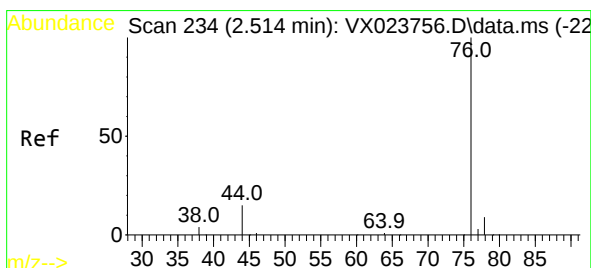
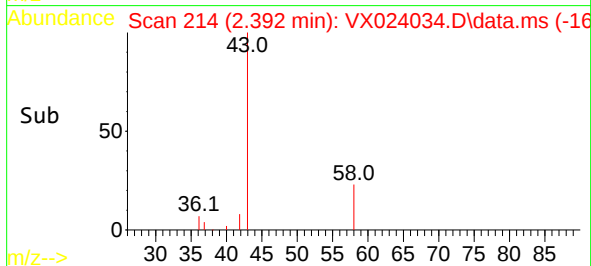
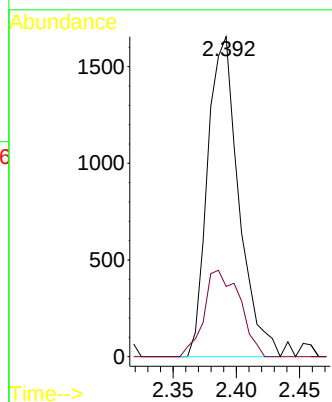
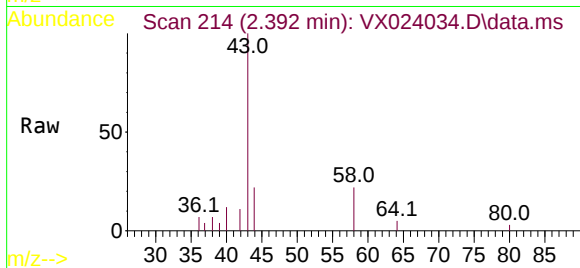




#16
Acetone
Concen: 3.068 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

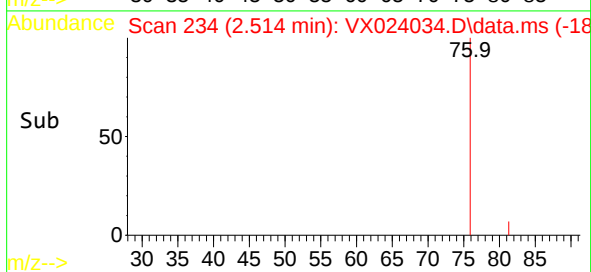
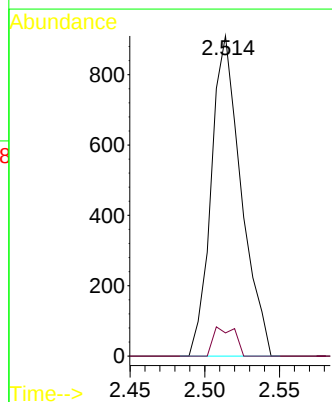
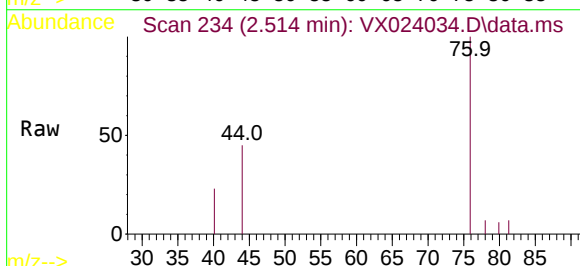
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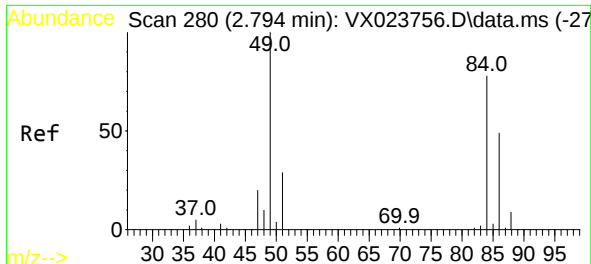
Tgt Ion: 43 Resp: 2832
Ion Ratio Lower Upper
43 100
58 21.9 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.375 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

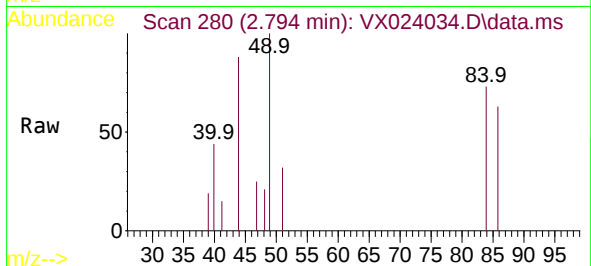
Tgt Ion: 76 Resp: 1270
Ion Ratio Lower Upper
76 100
78 7.3 7.2 10.8



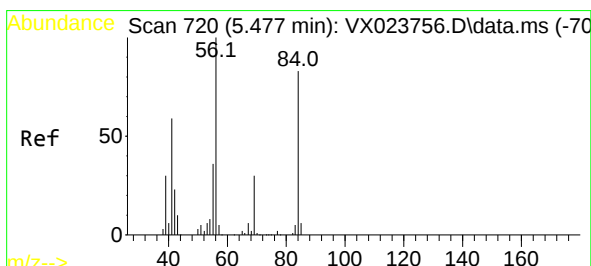
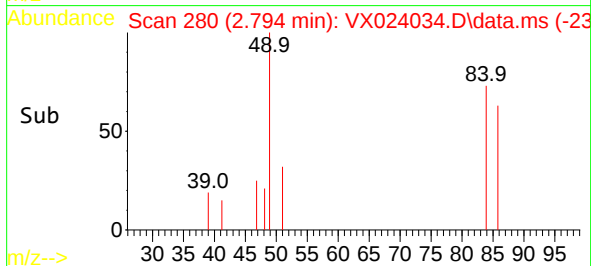
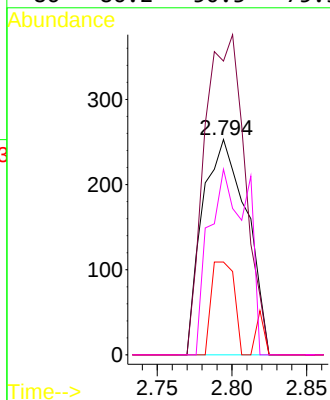


#20
Methylene Chloride
Concen: 0.295 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

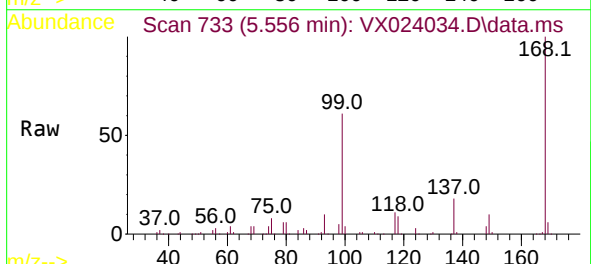
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MSVOA_X
ClientSampleId :
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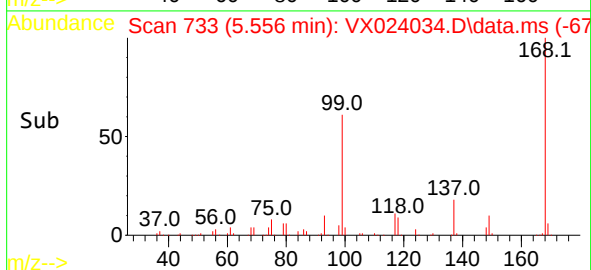
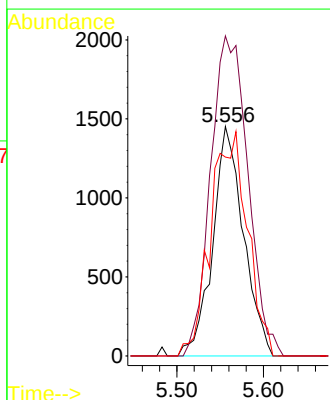
Tgt Ion: 84	Resp: 520
Ion Ratio	Lower Upper
84 100	
49 136.4	88.6 132.8#
51 43.1	27.0 40.6#
86 86.2	50.3 75.5#

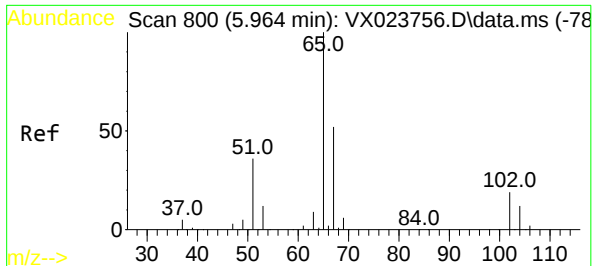


#31
Cyclohexane
Concen: 1.351 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16



Tgt Ion: 56	Resp: 3583		
Ion Ratio	Lower	Upper	
56	100		
69	139.5	25.3	37.9#
84	86.6	71.4	107.0



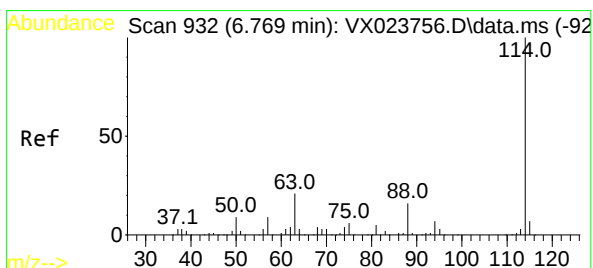
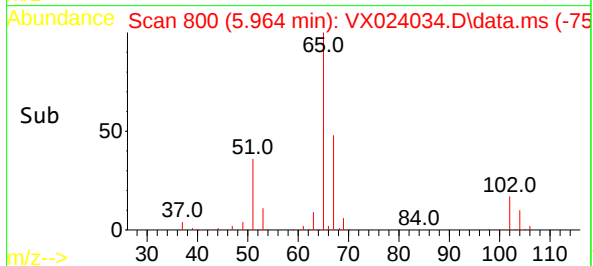
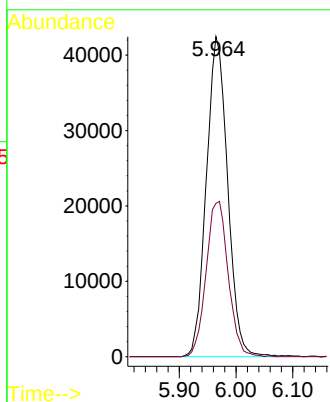
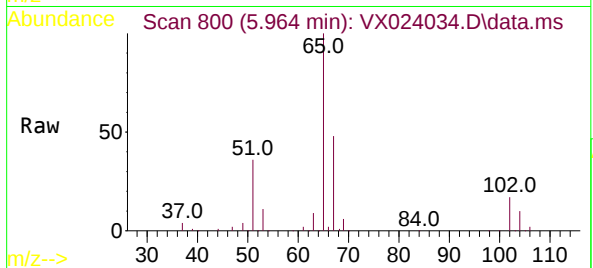


#33

1,2-Dichloroethane-d4
Concen: 53.601 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

Instrument :
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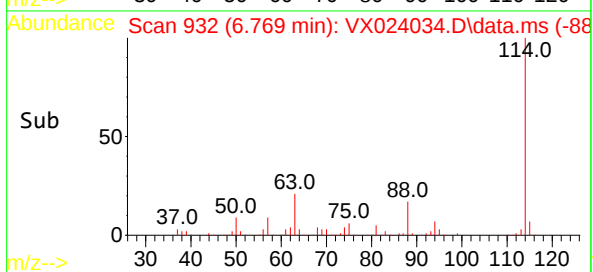
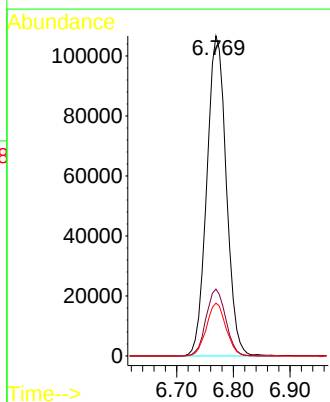
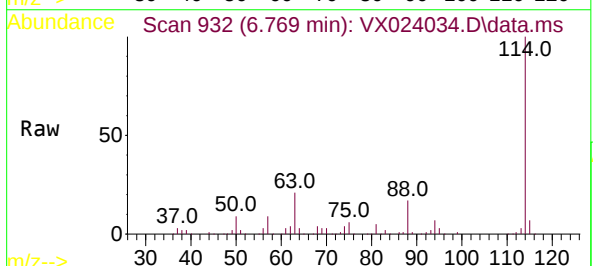
Tgt Ion: 65 Resp: 110668
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

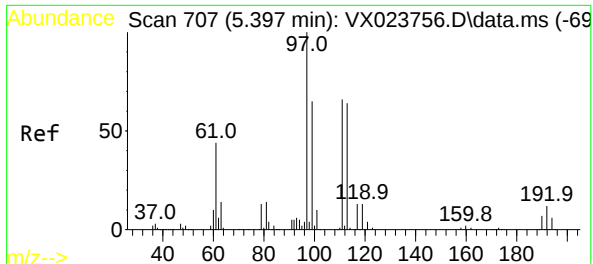


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

Tgt Ion: 114 Resp: 254365
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.5 0.0 32.8

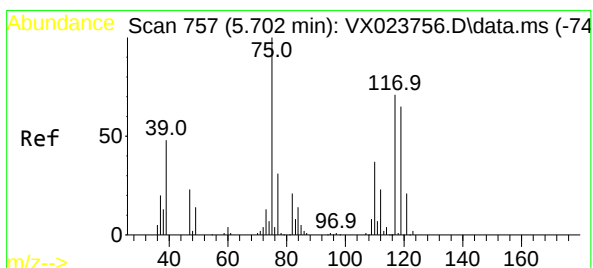
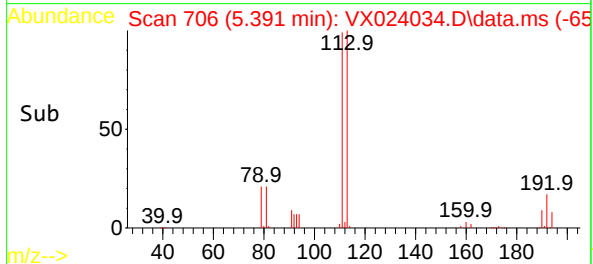
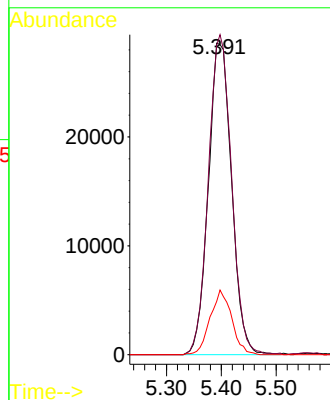
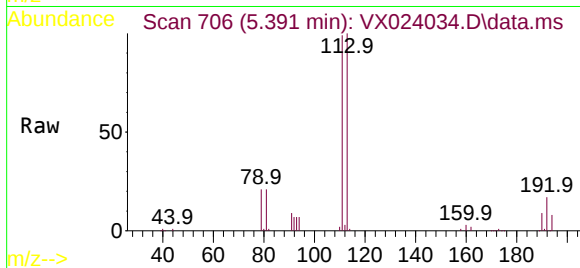




#35
Dibromofluoromethane
Concen: 50.069 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

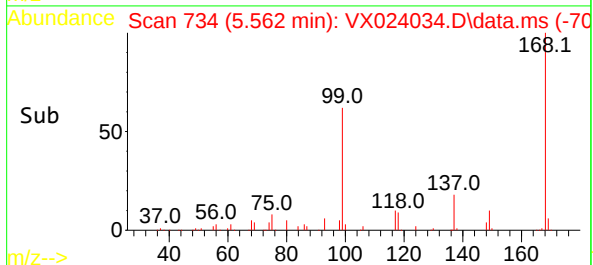
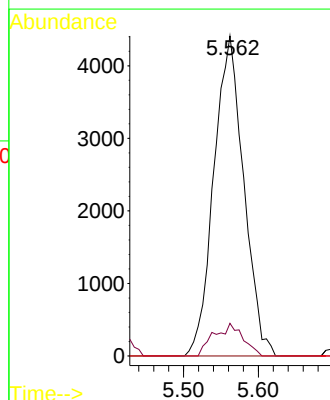
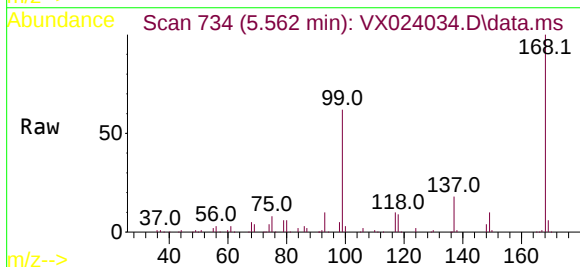
Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20210827

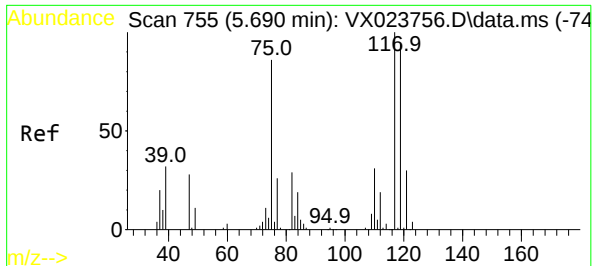
Tgt Ion:113 Resp: 84295
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 19.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.209 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

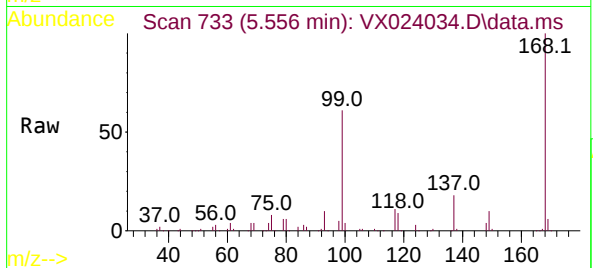
Tgt Ion: 75 Resp: 12271
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#



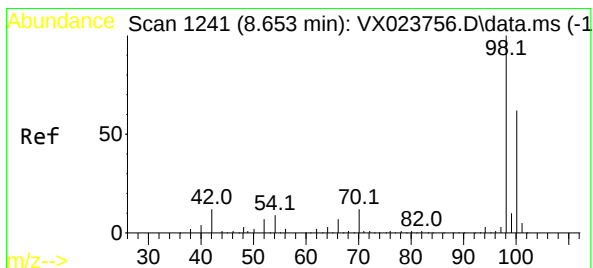
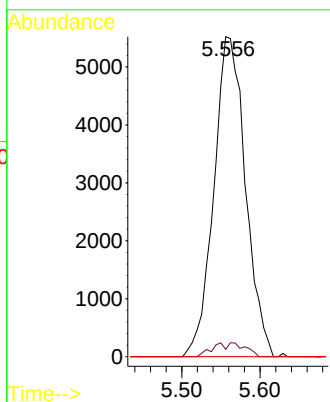
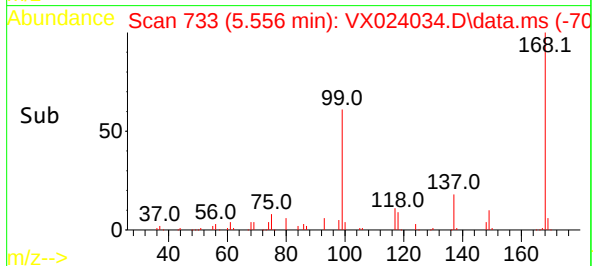


#38
Carbon Tetrachloride
Concen: 6.297 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20210827

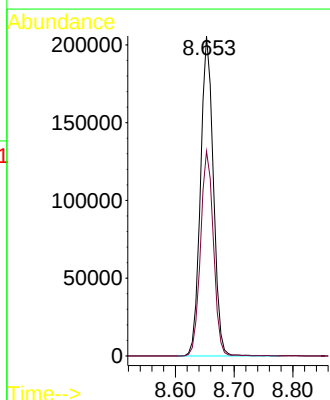
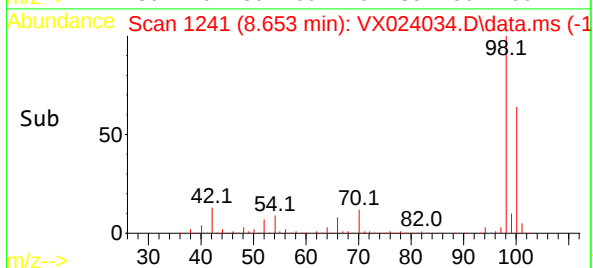
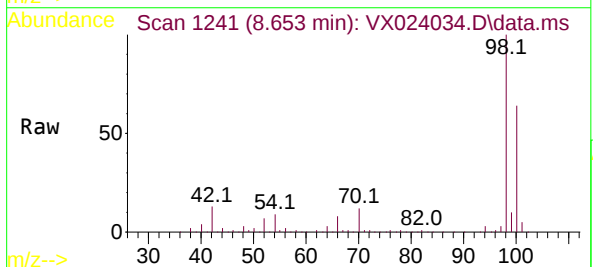


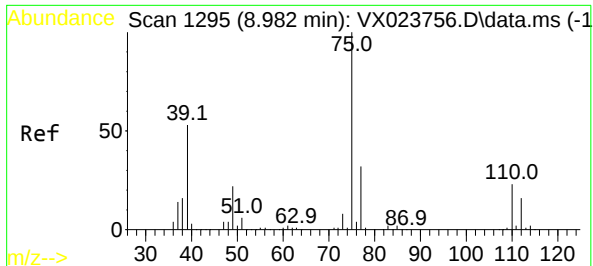
Tgt Ion:117 Resp: 15468
Ion Ratio Lower Upper
117 100
119 2.3 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.778 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

Tgt Ion: 98 Resp: 312562
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

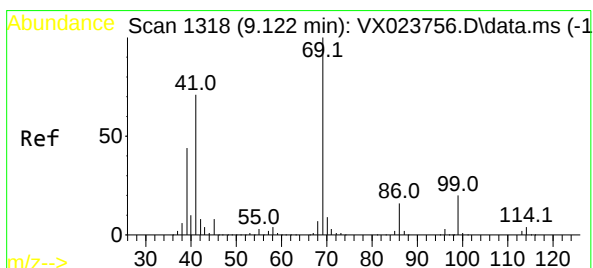
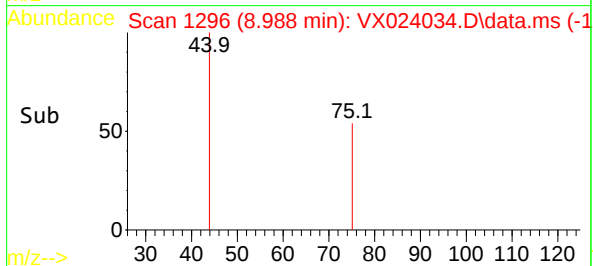
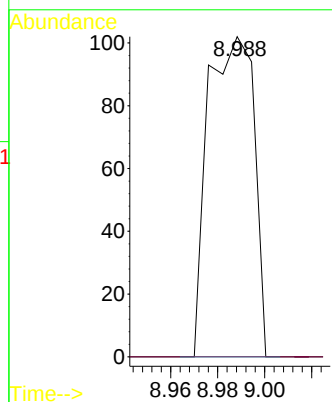
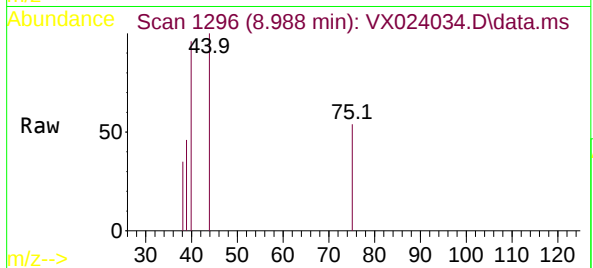




#53
t-1,3-Dichloropropene
Concen: 2.181 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

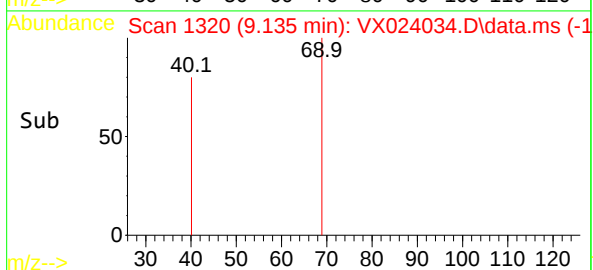
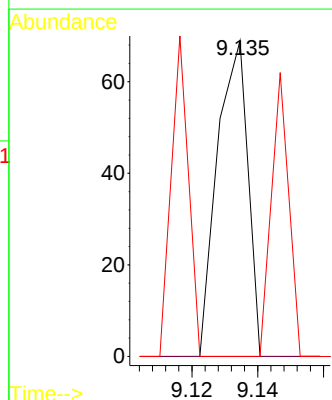
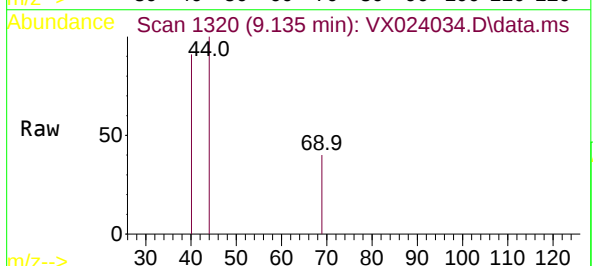
Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20210827

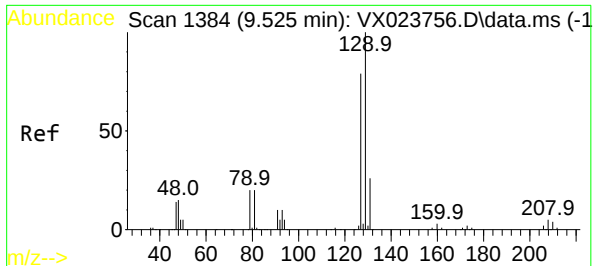
Tgt Ion: 75 Resp: 139
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#56
Ethyl methacrylate
Concen: 0.773 ug/l
RT: 9.135 min Scan# 1320
Delta R.T. 0.013 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

Tgt Ion: 69 Resp: 44
Ion Ratio Lower Upper
69 100
41 0.0 46.8 70.2#
39 52.3 24.7 37.1#

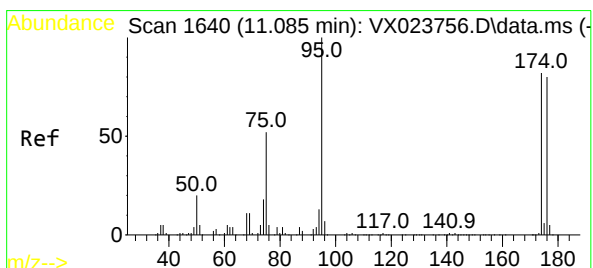
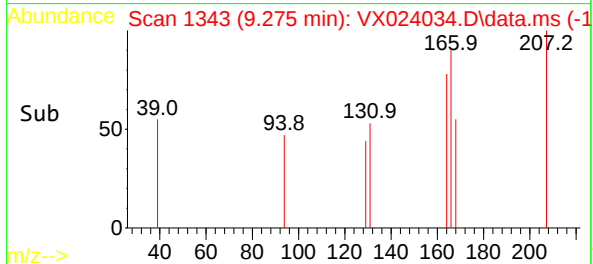
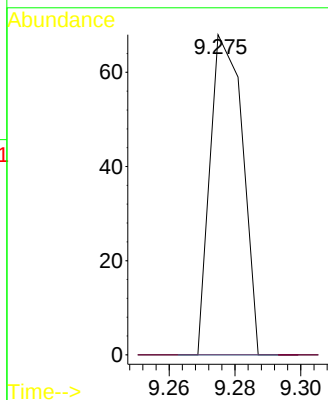
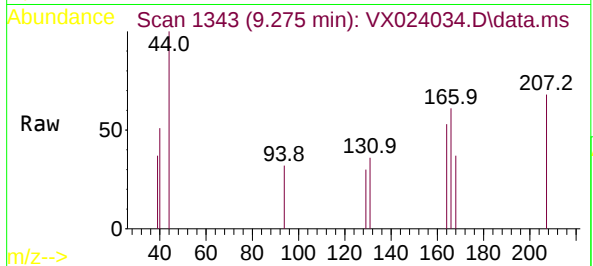




#60
Dibromochloromethane
Concen: 1.710 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

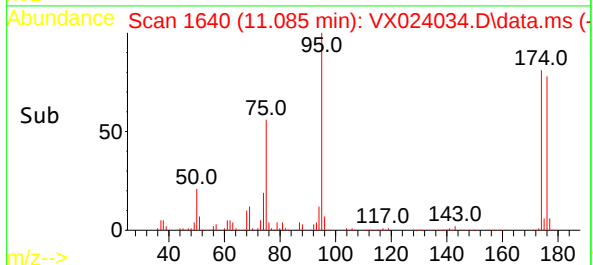
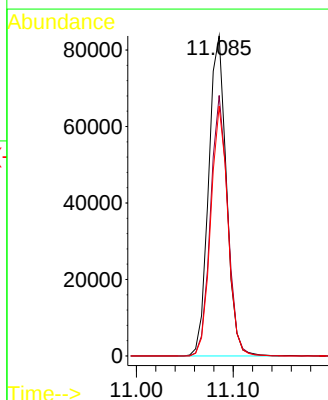
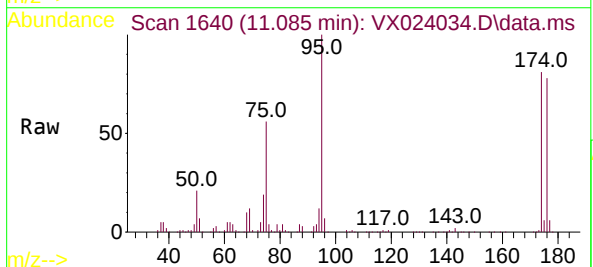
Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20210827

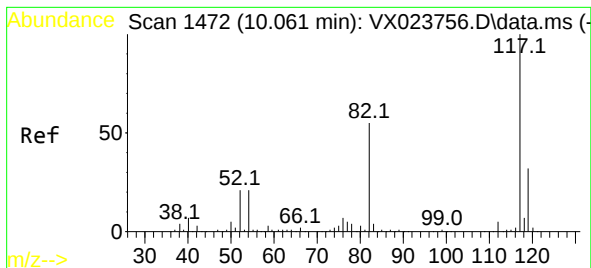
Tgt Ion:129 Resp: 46
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.430 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

Tgt Ion: 95 Resp: 107163
Ion Ratio Lower Upper
95 100
174 79.1 0.0 154.6
176 75.0 0.0 155.8

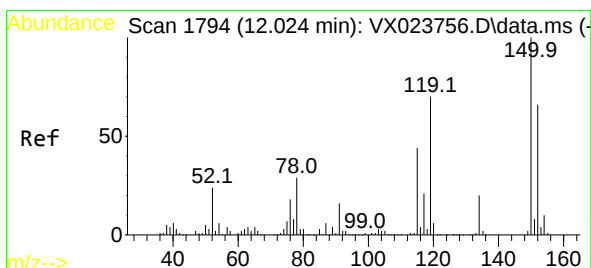
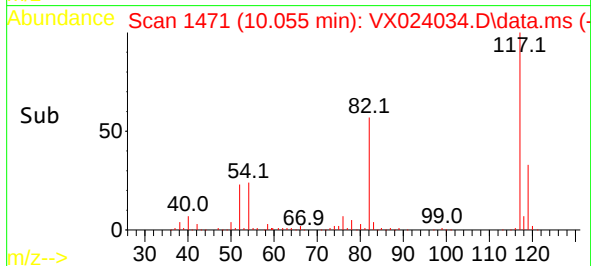
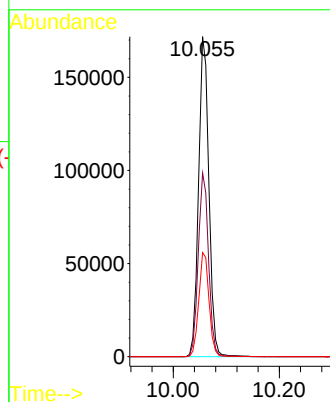
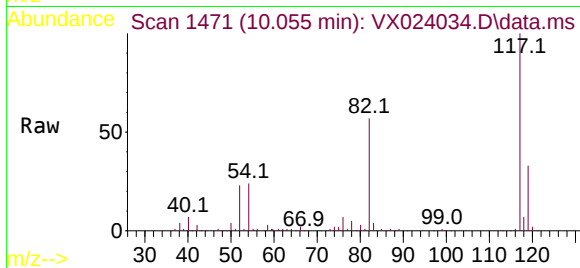




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

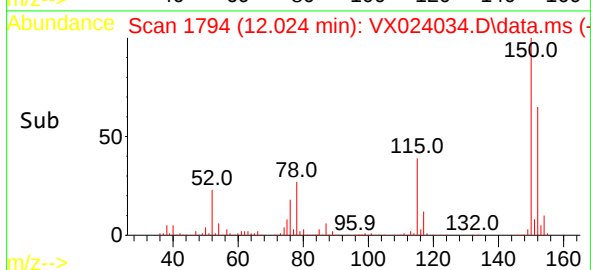
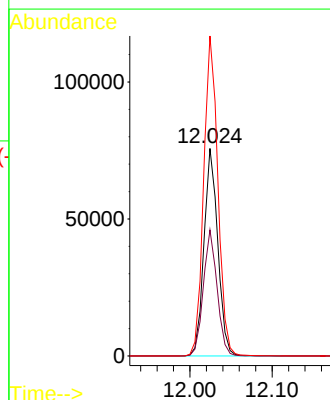
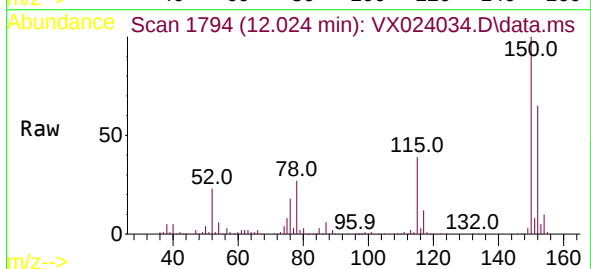
Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20210827

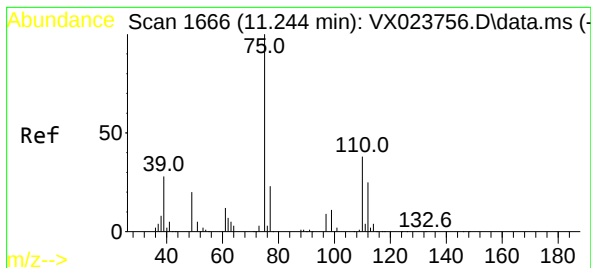
Tgt Ion:117 Resp: 231809
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

Tgt Ion:152 Resp: 88380
Ion Ratio Lower Upper
152 100
115 60.5 41.1 123.3
150 158.4 0.0 349.0

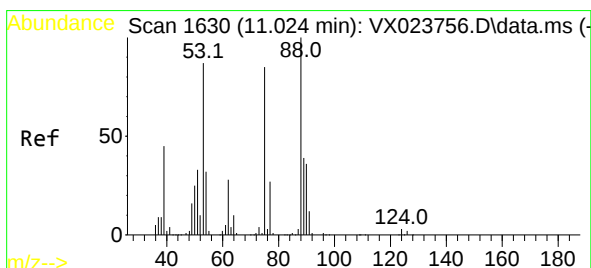
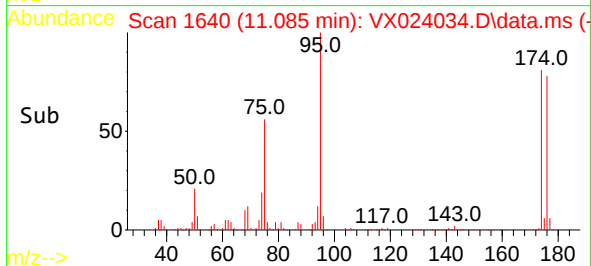
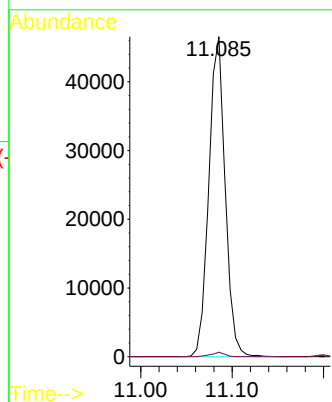
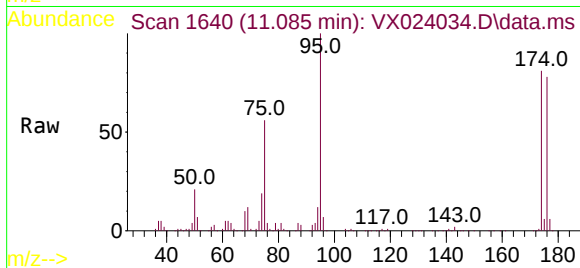




#76
1,2,3-Trichloropropane
Concen: 27.975 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

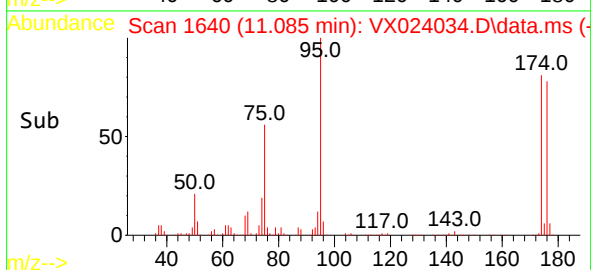
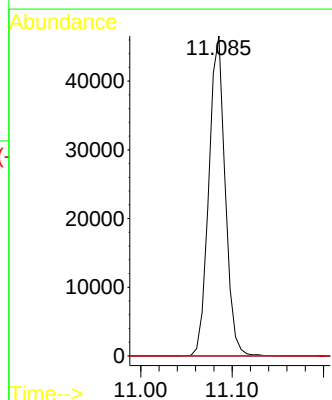
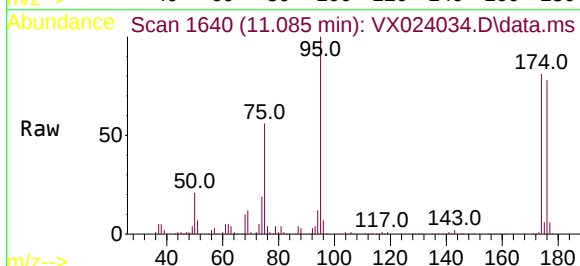
Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20210827

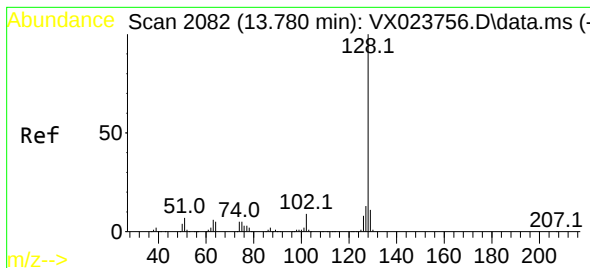
Tgt Ion: 75 Resp: 57675
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.289 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

Tgt Ion: 75 Resp: 57675
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

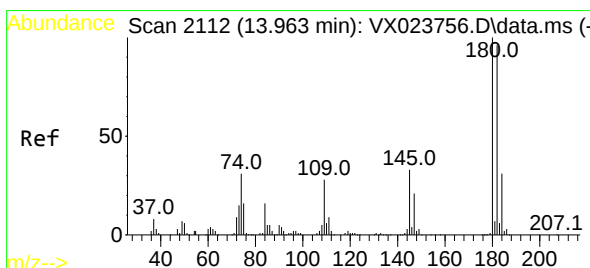
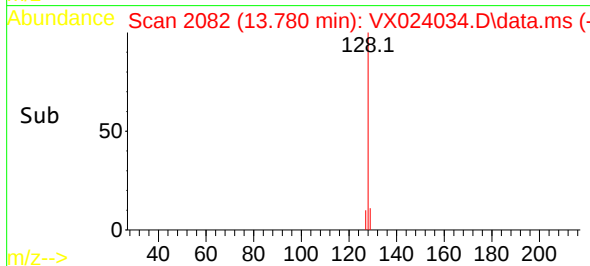
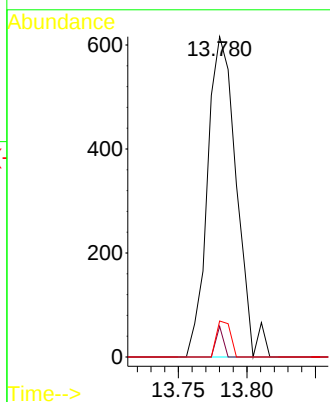
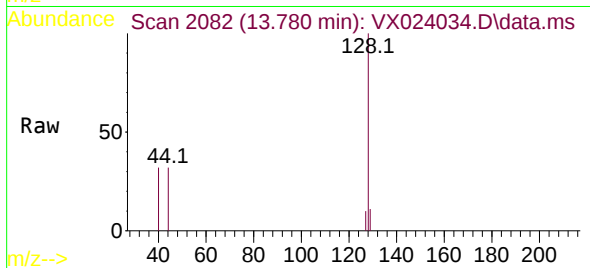




#95
Naphthalene
Concen: 1.419 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20210827

Tgt Ion:128 Resp: 903
Ion Ratio Lower Upper
128 100
127 2.4 10.3 15.5#
129 5.4 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.223 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX024034.D
Acq: 31 Aug 2021 11:16

Tgt Ion:180 Resp: 389
Ion Ratio Lower Upper
180 100
182 90.0 47.6 142.9
145 20.3 16.1 48.3

