

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022296.D
 Acq On : 01 Jun 2021 17:23
 Operator : JC/MD
 Sample : M2532--01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-N-(MH-10.29)

Quant Time: Jun 02 03:22:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

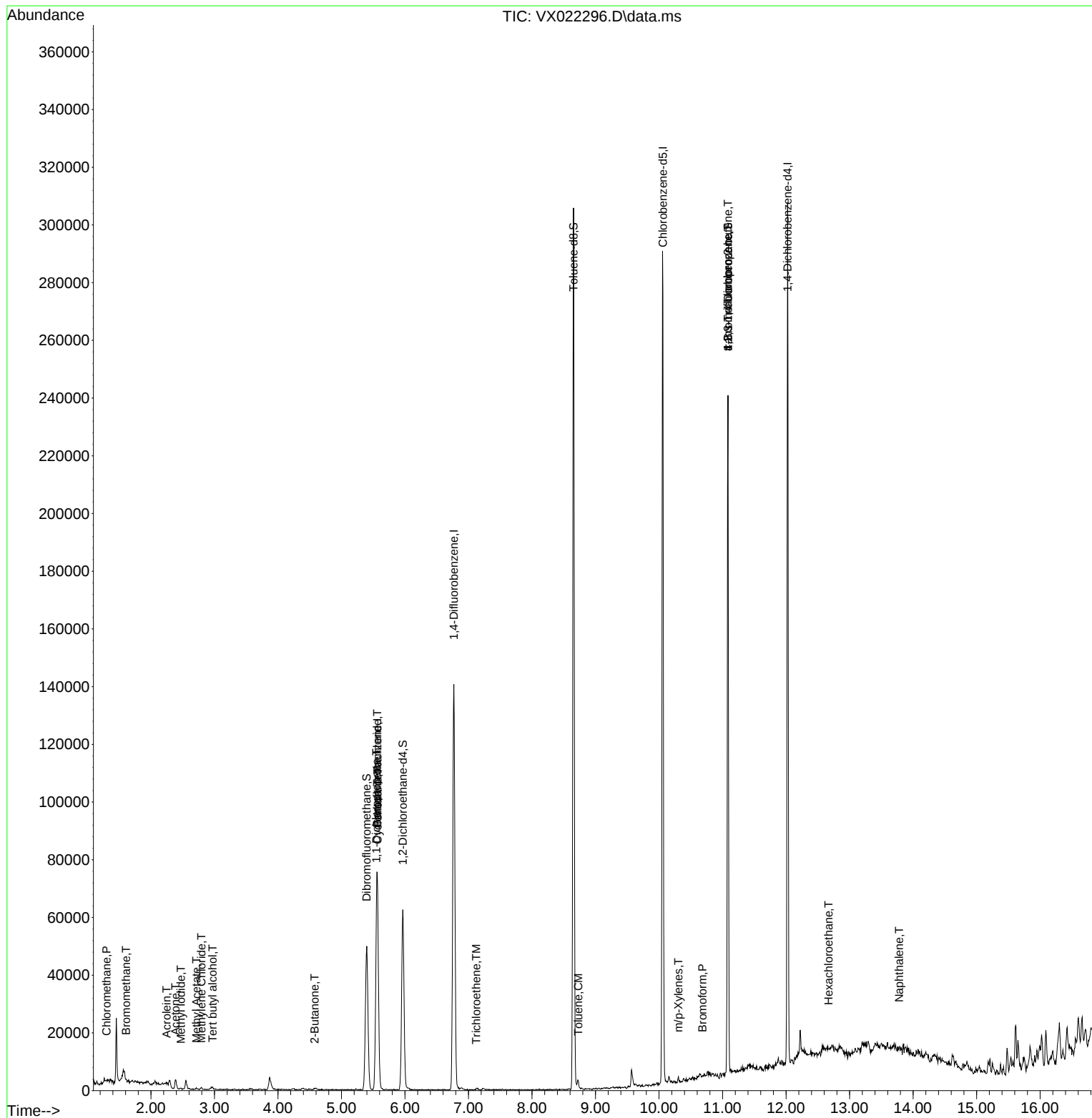
Internal Standards						
1) Pentafluorobenzene	5.562	168	65428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	141383	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	127778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54444	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56283	55.77	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	111.54%		
35) Dibromofluoromethane	5.397	113	42558	47.47	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.94%		
50) Toluene-d8	8.653	98	173529	50.24	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.48%		
62) 4-Bromofluorobenzene	11.085	95	63364	49.64	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.28%		
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	272	0.32	ug/l #	86
5) Bromomethane	1.605	94	445	0.84	ug/l	81
10) Methyl Iodide	2.471	142	197	0.24	ug/l #	89
11) Tert butyl alcohol	2.971	59	500	2.17	ug/l #	73
13) Acrolein	2.246	56	380	2.48	ug/l	84
16) Acetone	2.386	43	3788	8.62	ug/l #	82
18) Methyl Acetate	2.715	43	602	0.52	ug/l #	55
20) Methylene Chloride	2.794	84	225	0.23	ug/l #	75
25) 2-Butanone	4.574	43	383	0.54	ug/l #	45
31) Cyclohexane	5.568	56	1969	1.55	ug/l #	51
36) 1,1-Dichloropropene	5.550	75	6188	4.73	ug/l #	49
38) Carbon Tetrachloride	5.562	117	7783	6.09	ug/l #	15
44) Trichloroethene	7.123	130	255	0.26	ug/l	86
52) Toluene	8.726	92	1044	0.41	ug/l	92
68) m/p-Xylenes	10.305	106	403	0.22	ug/l	82
71) Bromoform	10.683	173	21	1.44	ug/l #	29
76) 1,2,3-Trichloropropane	11.085	75	33260	24.76	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.085	75	33260	58.67	ug/l #	12
90) Hexachloroethane	12.671	117	237	0.36	ug/l	85
95) Naphthalene	13.780	128	1141	0.27	ug/l #	82

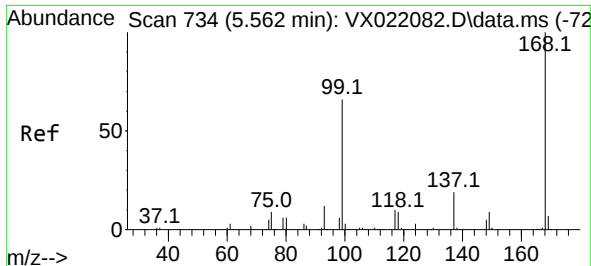
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
Data File : VX022296.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-N-(MH-10.29)

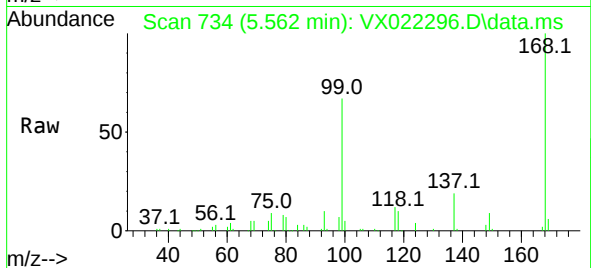
Quant Time: Jun 02 03:22:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



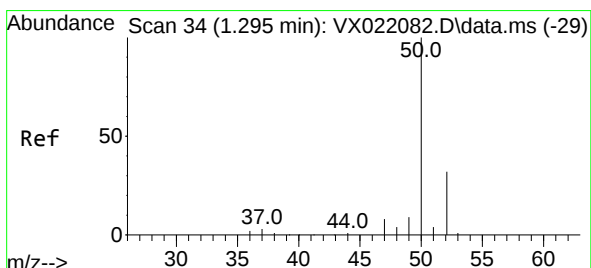
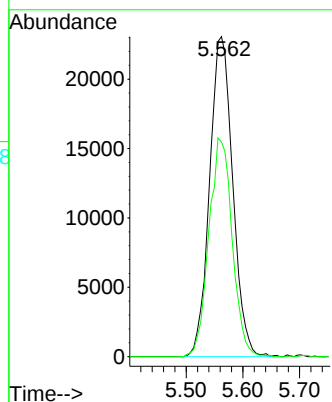
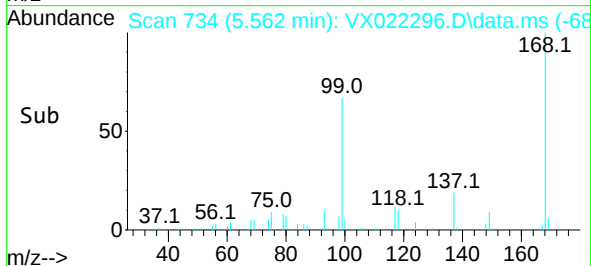


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

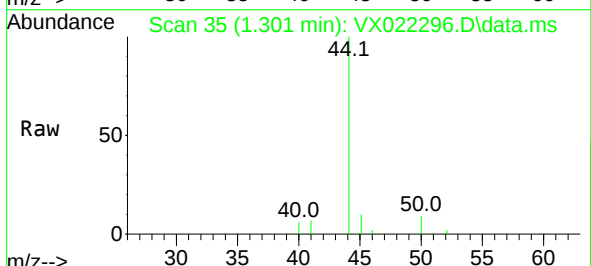
Instrument :
MSVOA_X
ClientSampleId :
MH-N-(MH-10.29)



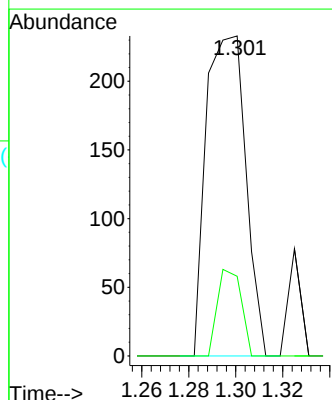
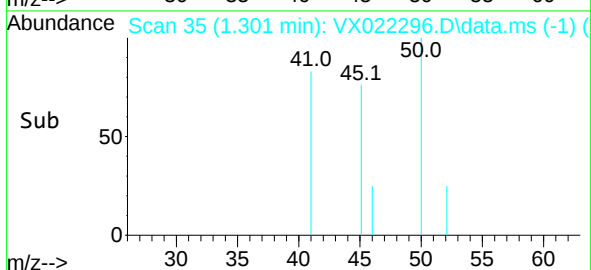
Tgt Ion:168 Resp: 65428
Ion Ratio Lower Upper
168 100
99 67.1 45.8 68.6

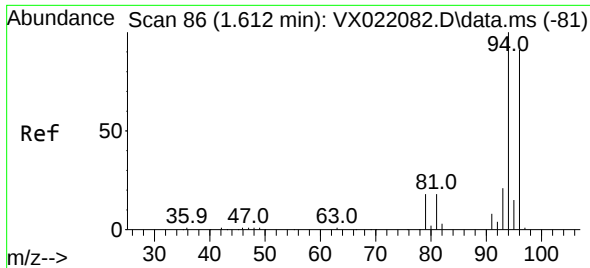


#3
Chloromethane
Concen: 0.32 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23



Tgt Ion: 50 Resp: 272
Ion Ratio Lower Upper
50 100
52 24.9 26.4 39.6#

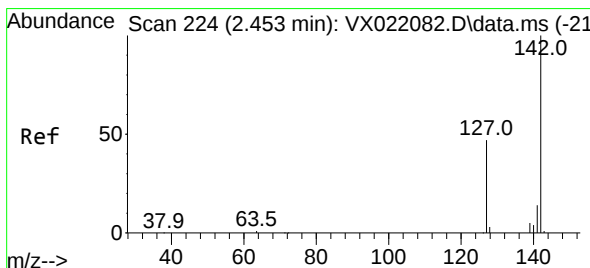
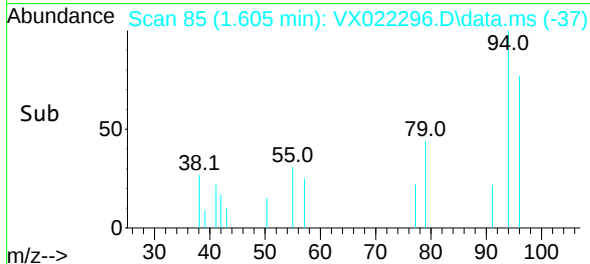
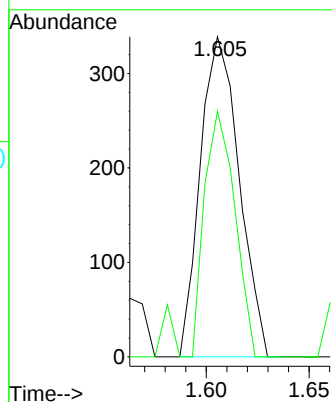
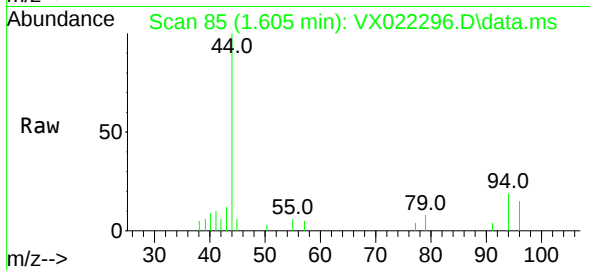




#5
Bromomethane
Concen: 0.84 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.007 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

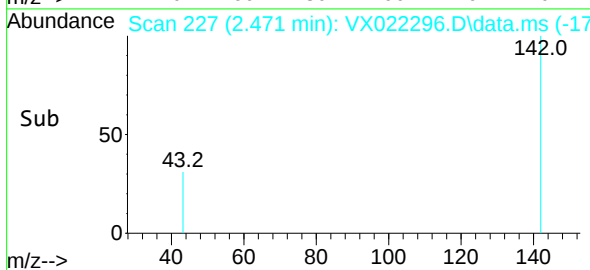
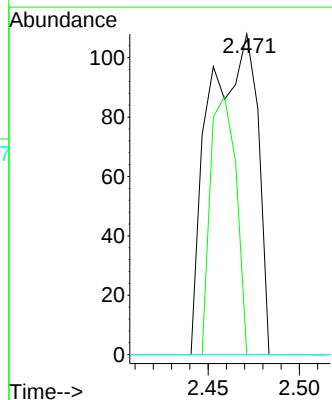
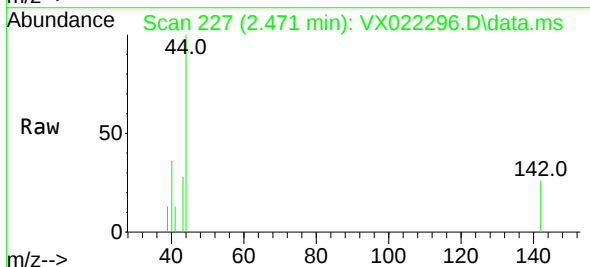
Instrument :
MSVOA_X
ClientSampleId :
MH-N-(MH-10.29)

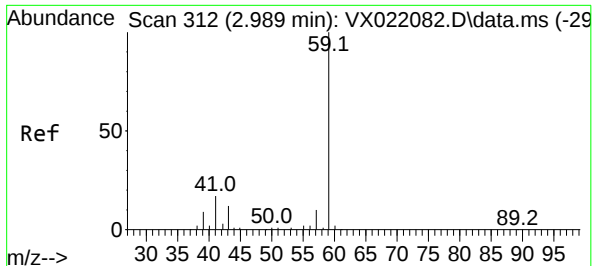
Tgt Ion: 94 Resp: 445
Ion Ratio Lower Upper
94 100
96 76.7 76.4 114.6



#10
Methyl Iodide
Concen: 0.24 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

Tgt Ion: 142 Resp: 197
Ion Ratio Lower Upper
142 100
127 43.1 33.3 49.9
141 0.0 11.4 17.0#



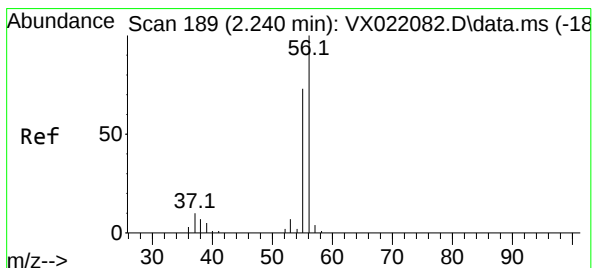
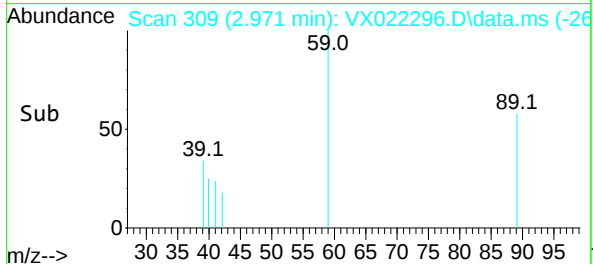
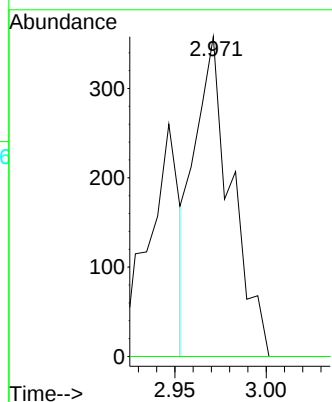
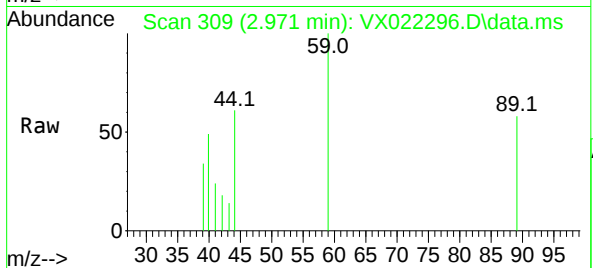


#11

Tert butyl alcohol
Concen: 2.17 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

Instrument :
MSVOA_X
ClientSampleId :
MH-N-(MH-10.29)

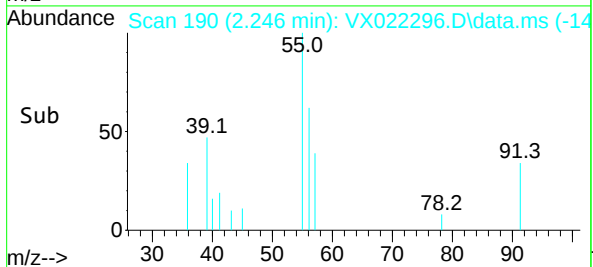
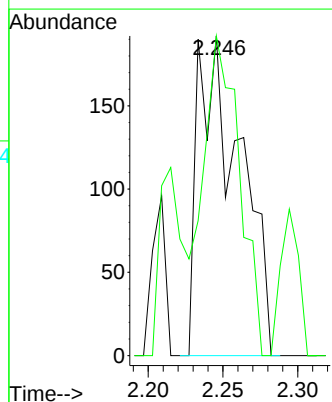
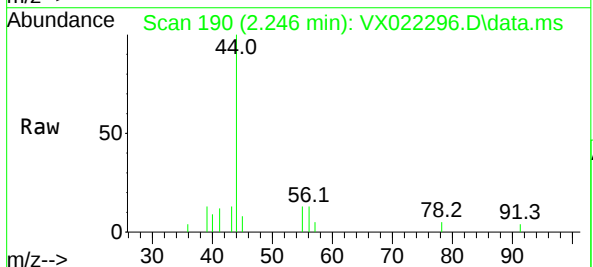
Tgt Ion: 59 Resp: 500
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

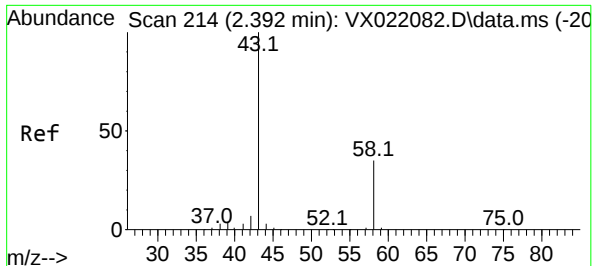


#13

Acrolein
Concen: 2.48 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

Tgt Ion: 56 Resp: 380
Ion Ratio Lower Upper
56 100
55 83.4 56.4 84.6

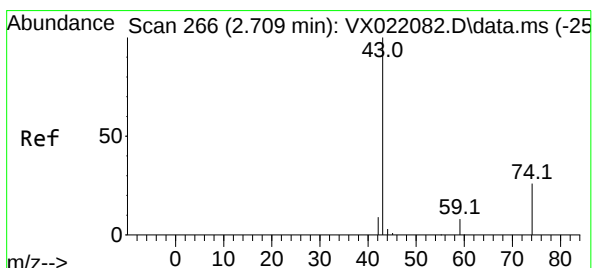
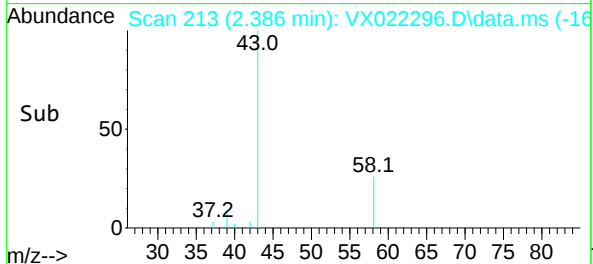
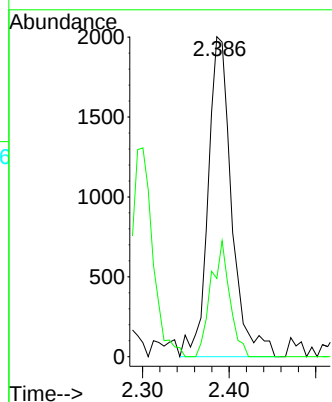
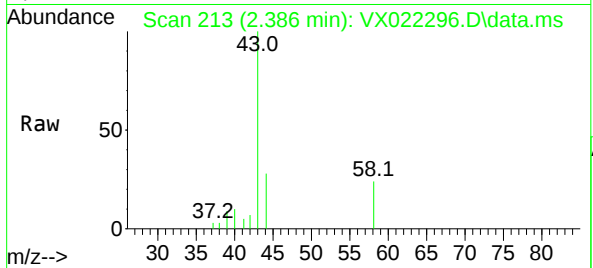




#16
Acetone
Concen: 8.62 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

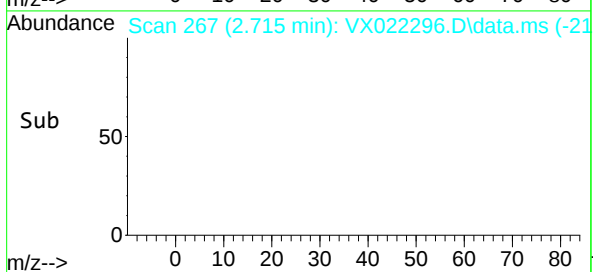
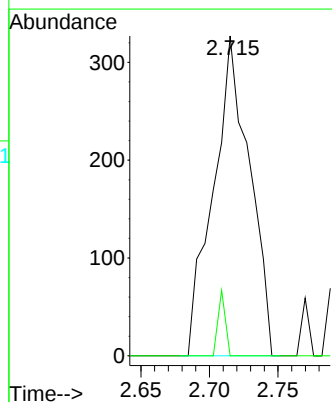
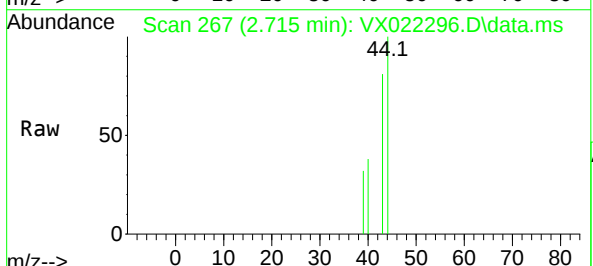
Instrument :
MSVOA_X
ClientSampleId :
MH-N-(MH-10.29)

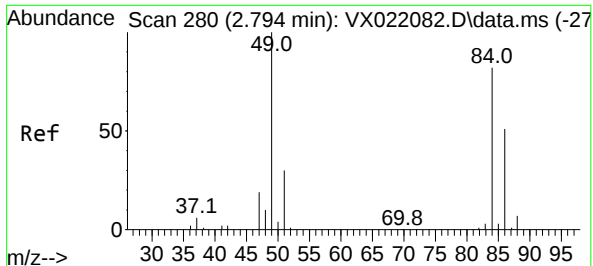
Tgt Ion: 43 Resp: 3788
Ion Ratio Lower Upper
43 100
58 24.5 27.8 41.8#



#18
Methyl Acetate
Concen: 0.52 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

Tgt Ion: 43 Resp: 602
Ion Ratio Lower Upper
43 100
74 4.2 21.9 32.9#





#20

Methylene Chloride

Concen: 0.23 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022296.D

Acq: 01 Jun 2021 17:23

Tgt Ion: 84 Resp: 225

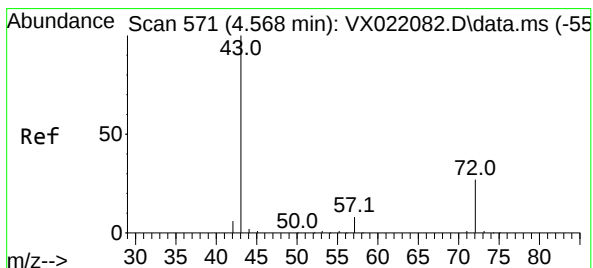
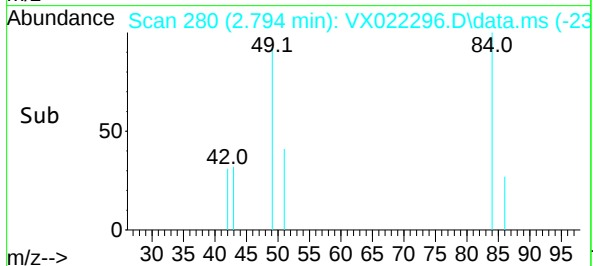
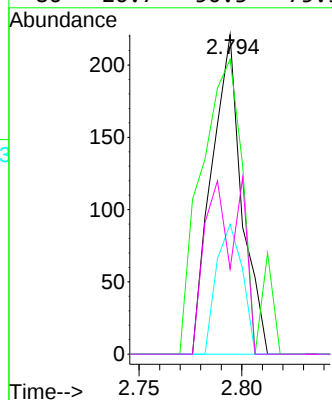
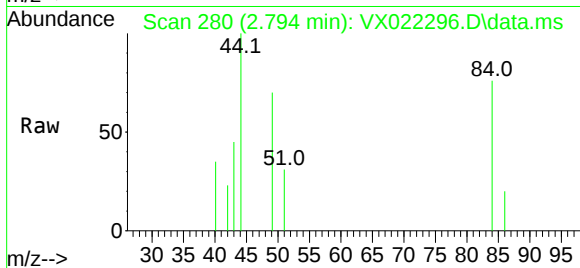
Ion Ratio Lower Upper

84 100

49 92.3 88.6 132.8

51 40.7 27.0 40.6#

86 26.7 50.3 75.5#



#25

2-Butanone

Concen: 0.54 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX022296.D

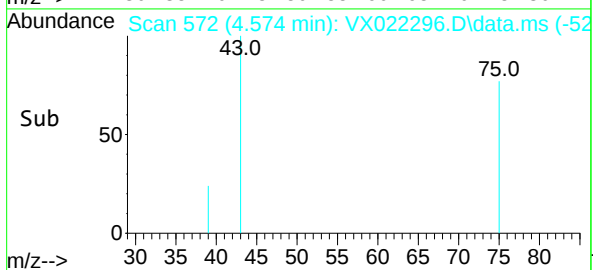
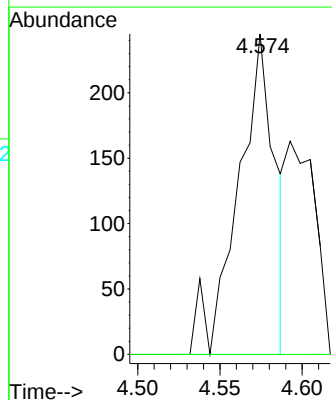
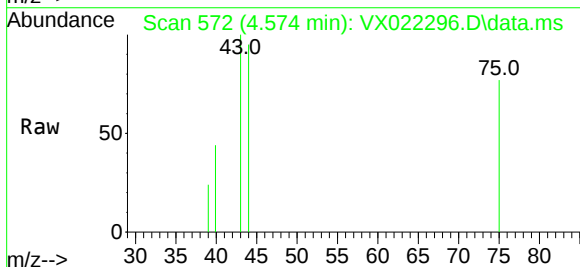
Acq: 01 Jun 2021 17:23

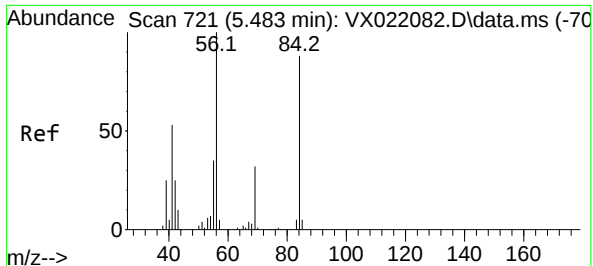
Tgt Ion: 43 Resp: 383

Ion Ratio Lower Upper

43 100

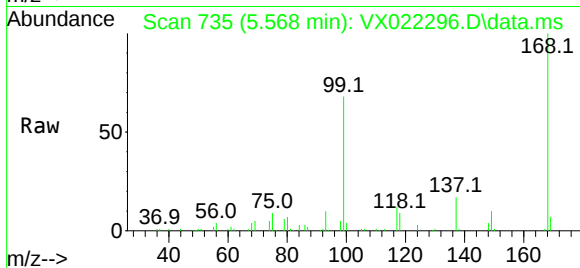
72 0.0 23.7 35.5#



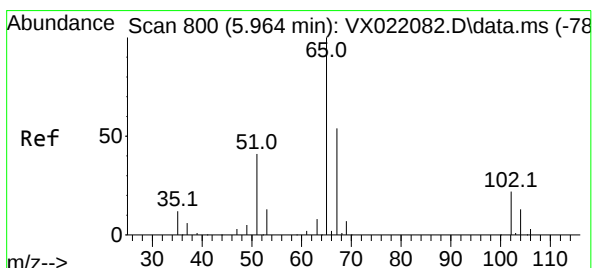
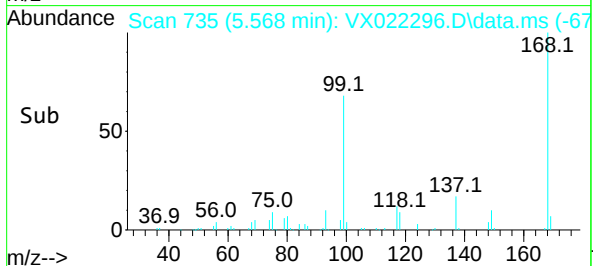
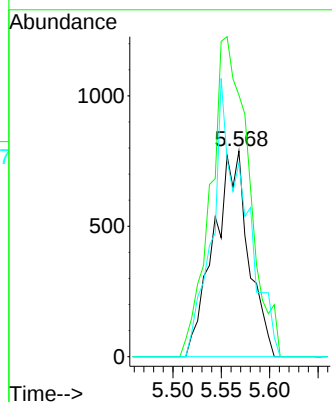


#31
Cyclohexane
Concen: 1.55 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

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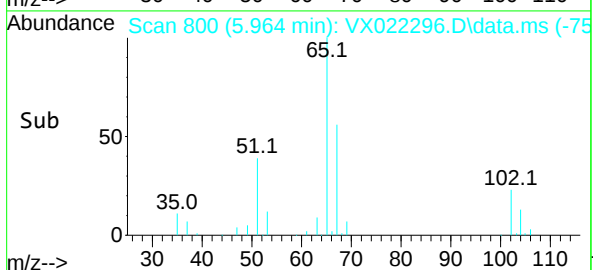
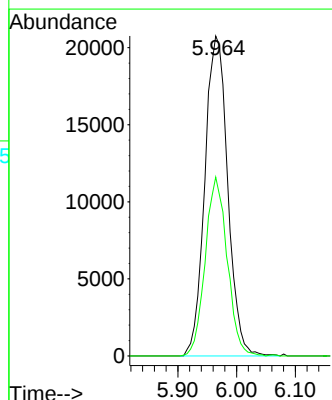
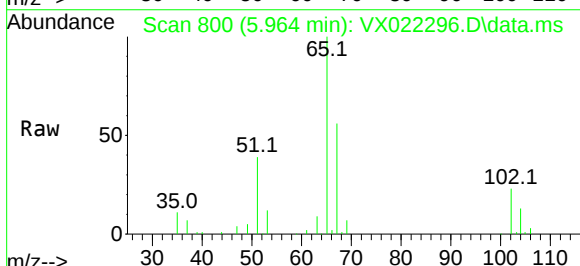


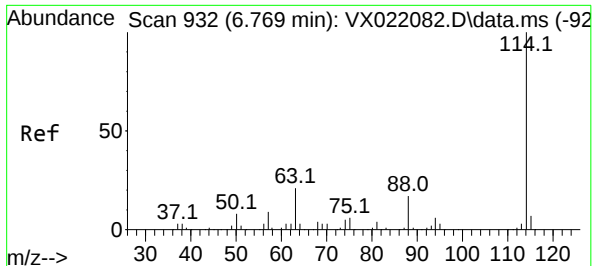
Tgt Ion: 56 Resp: 1969
Ion Ratio Lower Upper
56 100
69 127.3 25.3 37.9#
84 94.2 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 55.77 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

Tgt Ion: 65 Resp: 56283
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.4

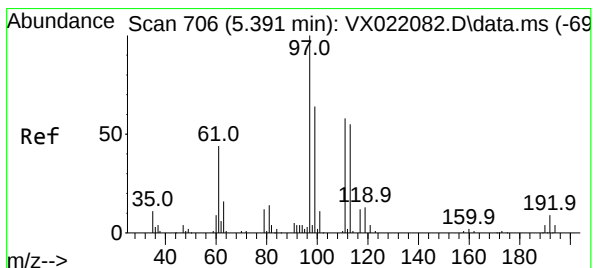
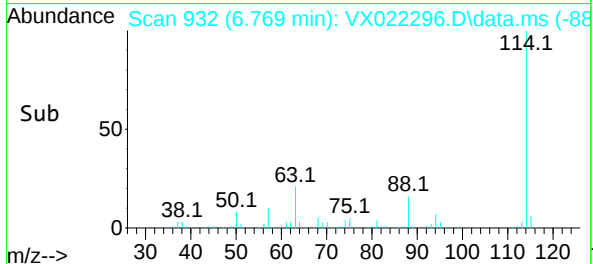
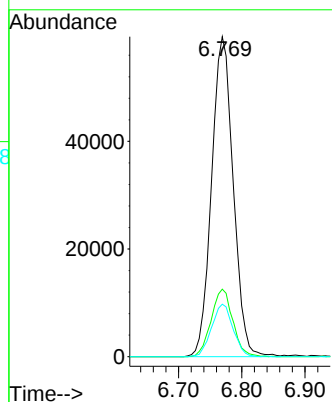
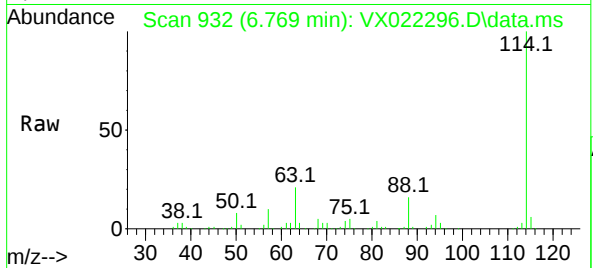




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

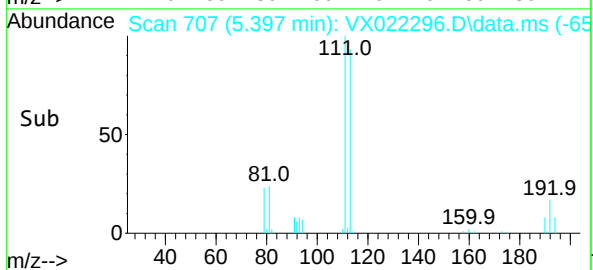
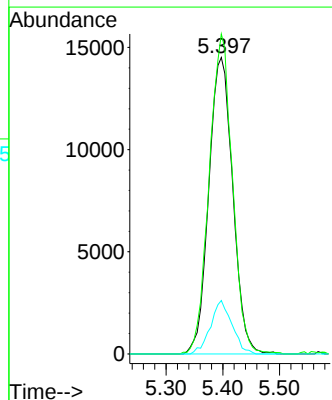
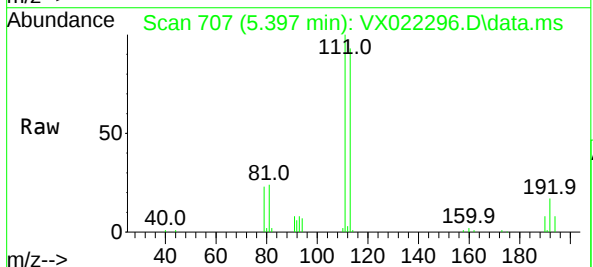
Instrument :
MSVOA_X
ClientSampleId :
MH-N-(MH-10.29)

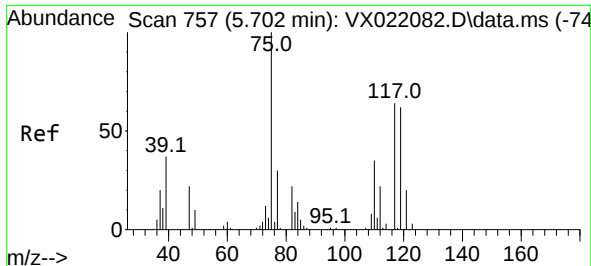
Tgt Ion:114 Resp: 141383
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.47 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

Tgt Ion:113 Resp: 42558
Ion Ratio Lower Upper
113 100
111 104.6 81.9 122.9
192 16.2 16.7 25.1#

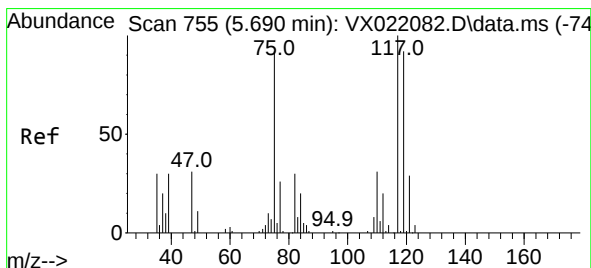
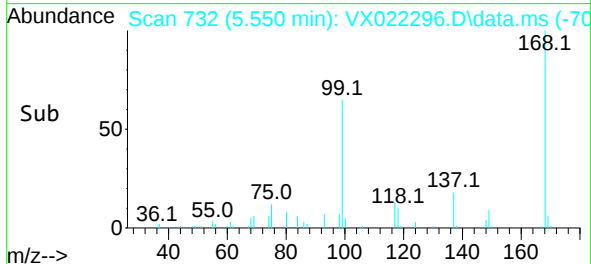
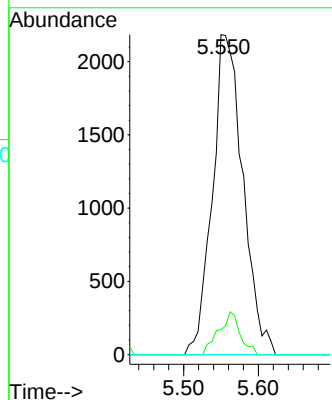
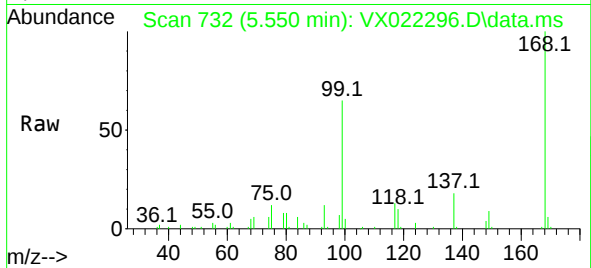




#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.152 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

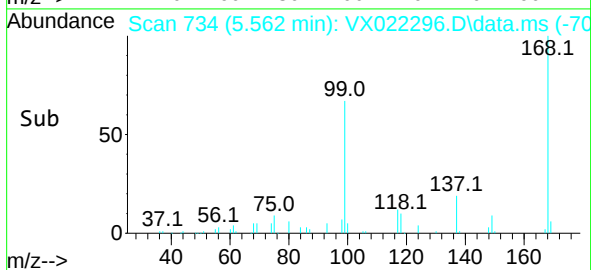
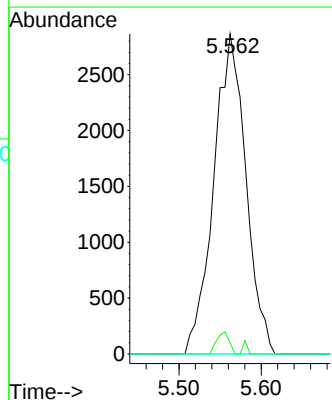
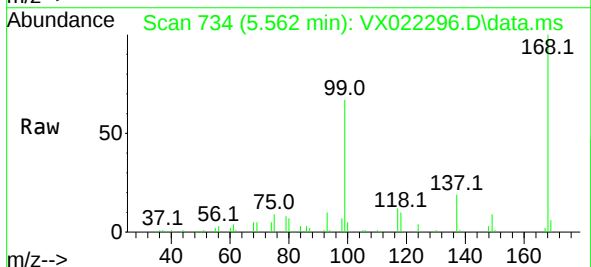
Instrument :
MSVOA_X
ClientSampleId :
MH-N-(MH-10.29)

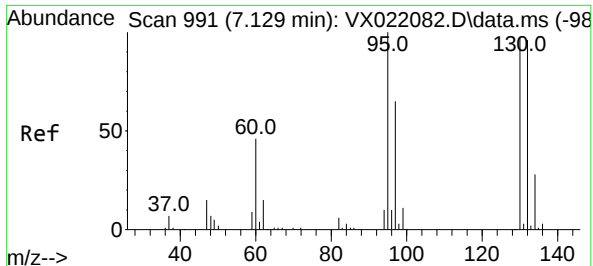
Tgt Ion: 75 Resp: 6188
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.09 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

Tgt Ion: 117 Resp: 7783
Ion Ratio Lower Upper
117 100
119 3.5 76.2 114.2#
121 0.0 24.8 37.2#

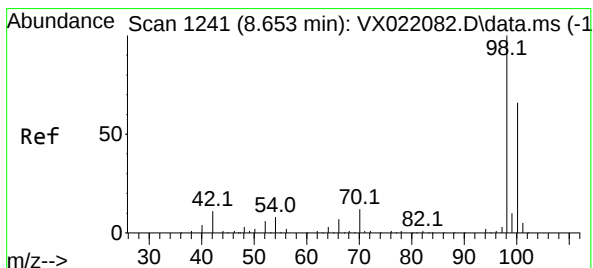
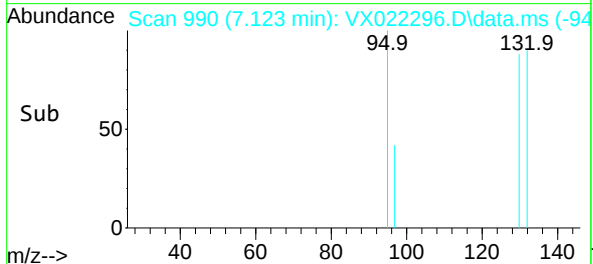
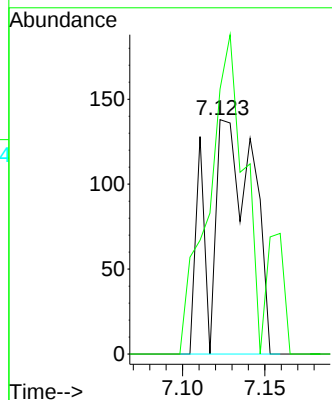
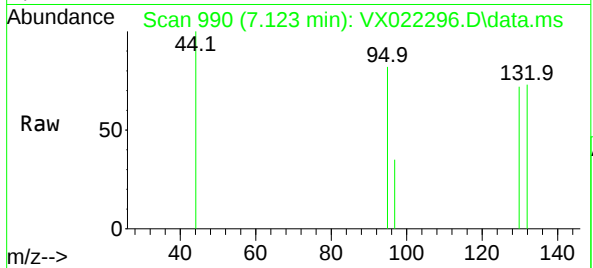




#44
Trichloroethene
Concen: 0.26 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

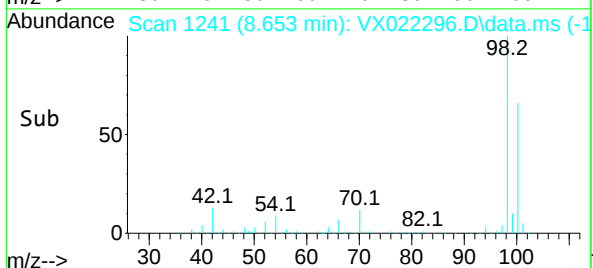
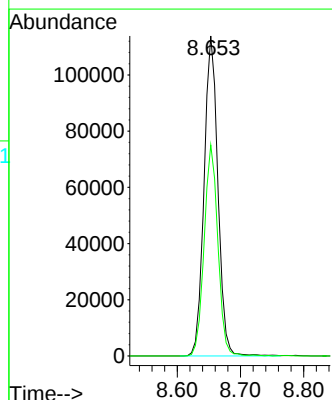
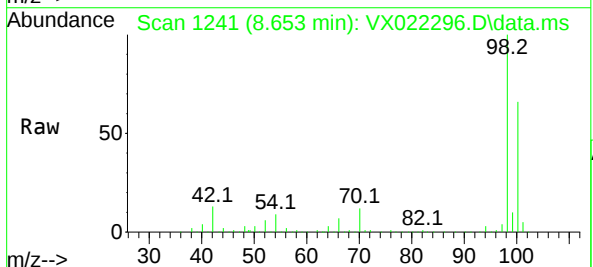
Instrument :
MSVOA_X
ClientSampleId :
MH-N-(MH-10.29)

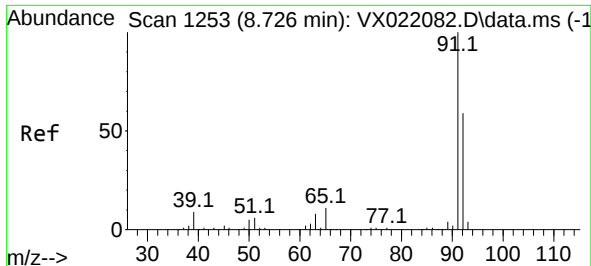
Tgt Ion:130 Resp: 255
Ion Ratio Lower Upper
130 100
95 113.0 0.0 198.0



#50
Toluene-d8
Concen: 50.24 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

Tgt Ion: 98 Resp: 173529
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

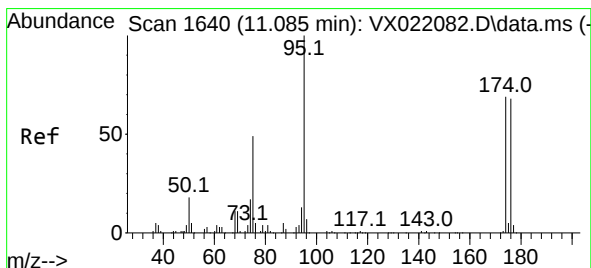
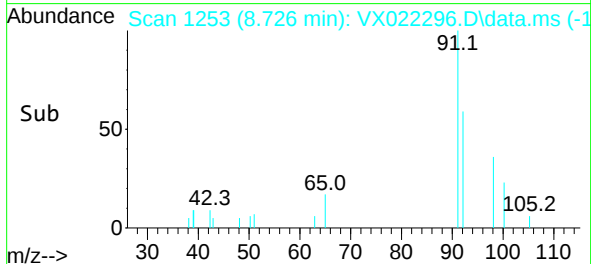
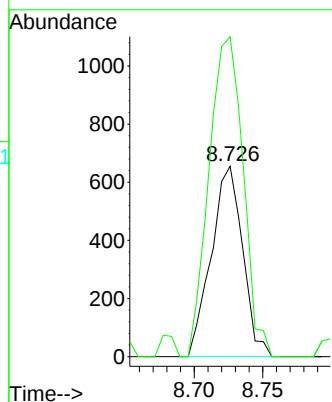
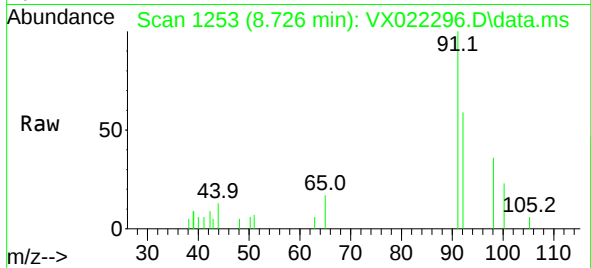




#52
Toluene
Concen: 0.41 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

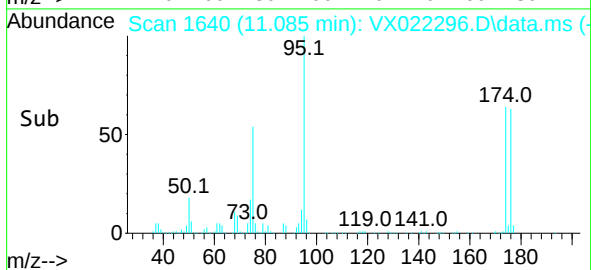
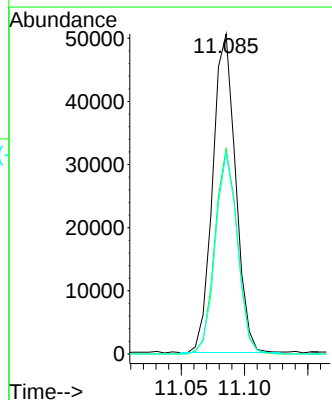
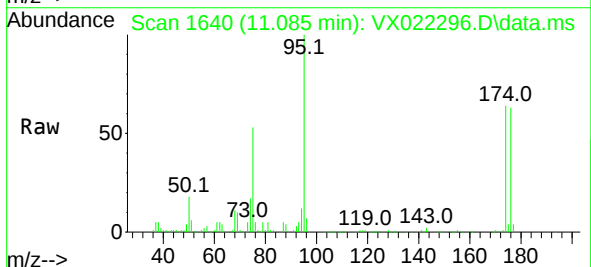
Instrument :
MSVOA_X
ClientSampleId :
MH-N-(MH-10.29)

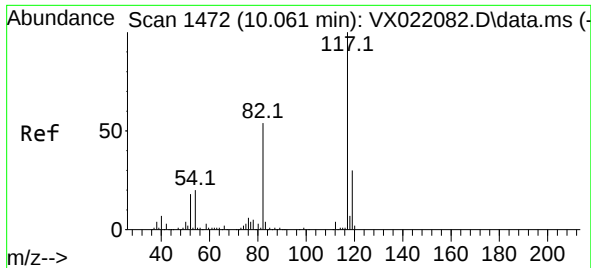
Tgt Ion: 92 Resp: 1044
Ion Ratio Lower Upper
92 100
91 182.7 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 49.64 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

Tgt Ion: 95 Resp: 63364
Ion Ratio Lower Upper
95 100
174 63.1 0.0 154.6
176 61.4 0.0 155.8

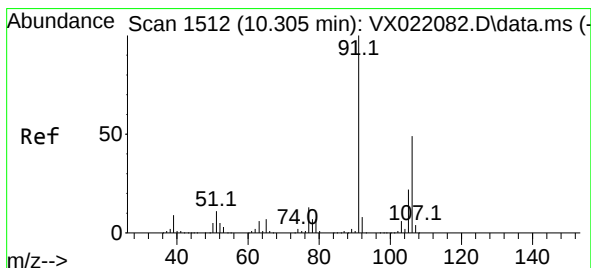
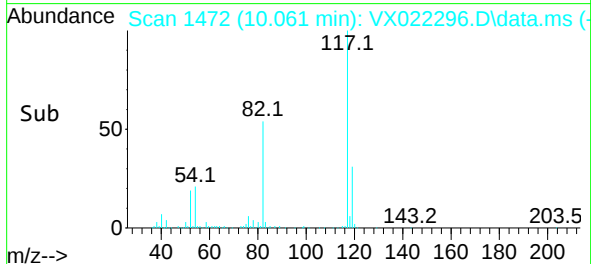
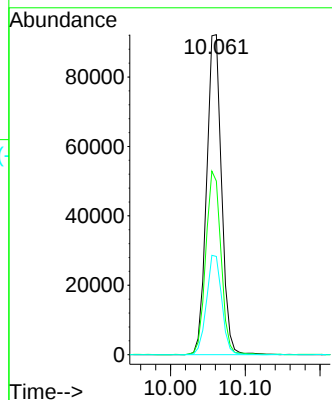
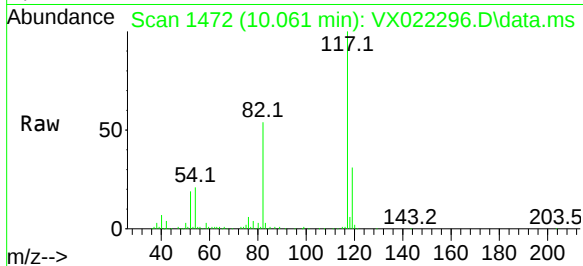




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

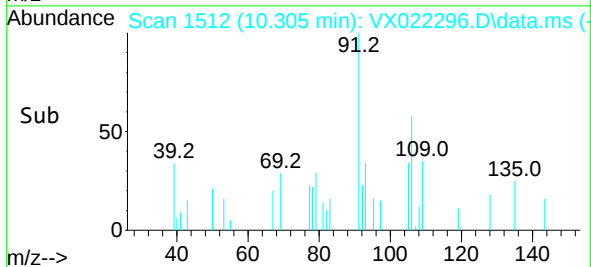
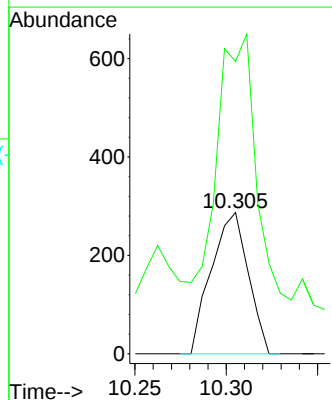
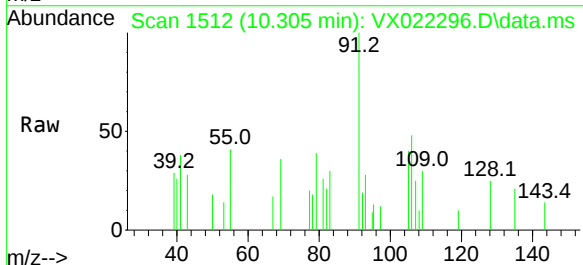
Instrument :
MSVOA_X
ClientSampleId :
MH-N-(MH-10.29)

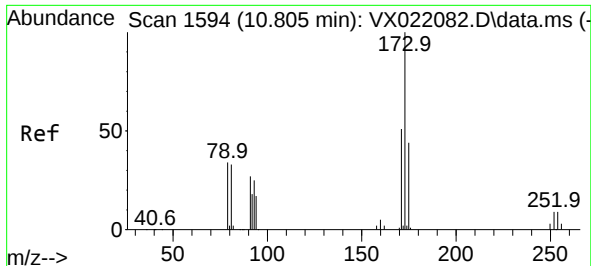
Tgt Ion:117 Resp: 127778
Ion Ratio Lower Upper
117 100
82 54.2 47.4 71.2
119 30.7 26.6 39.8



#68
m/p-Xylenes
Concen: 0.22 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

Tgt Ion:106 Resp: 403
Ion Ratio Lower Upper
106 100
91 231.5 162.8 244.2

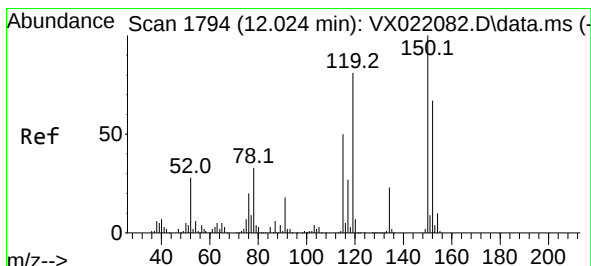
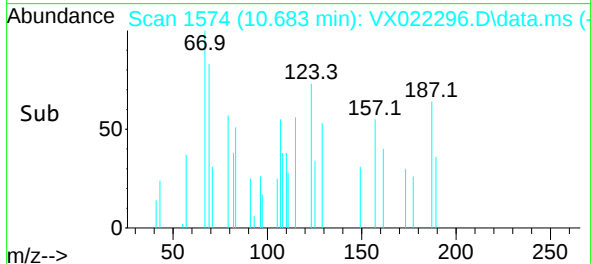
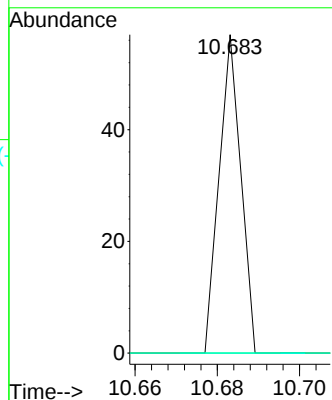
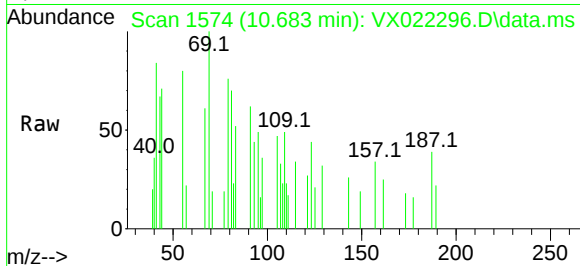




#71
Bromoform
Concen: 1.44 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. -0.122 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

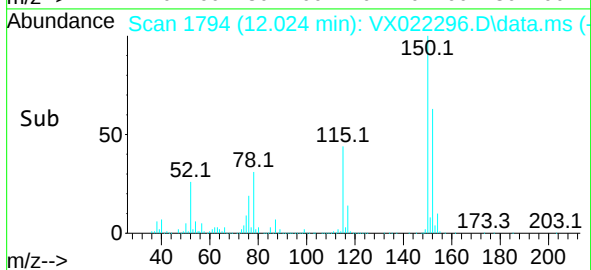
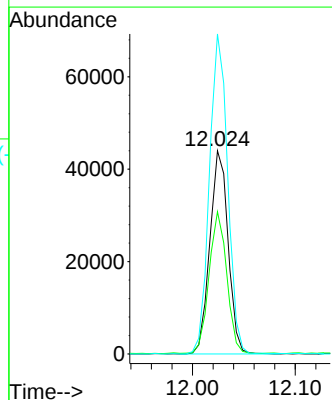
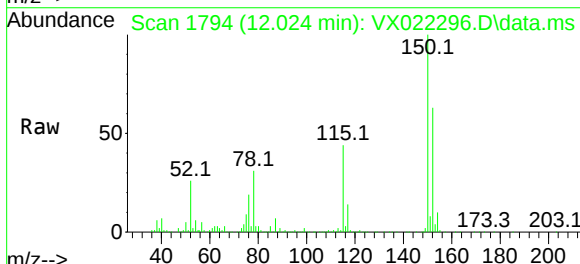
Instrument :
MSVOA_X
ClientSampleId :
MH-N-(MH-10.29)

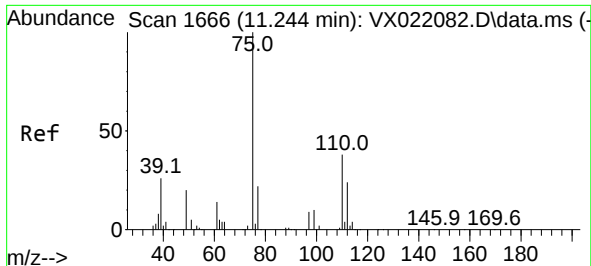
Tgt Ion:173 Resp: 21
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

Tgt Ion:152 Resp: 54444
Ion Ratio Lower Upper
152 100
115 67.5 41.1 123.3
150 157.4 0.0 349.0

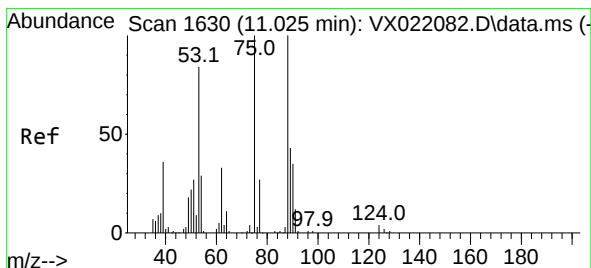
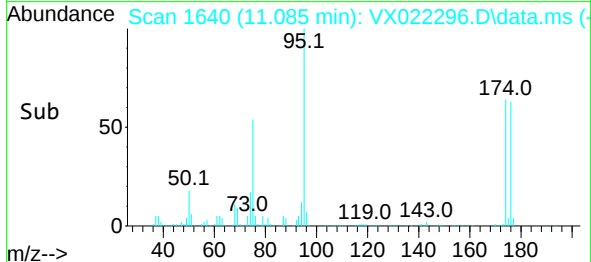
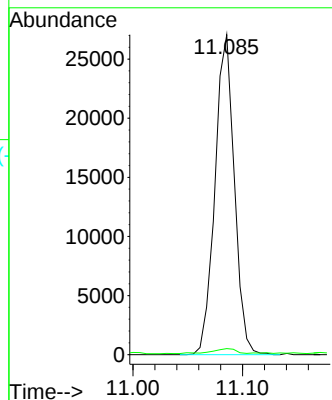
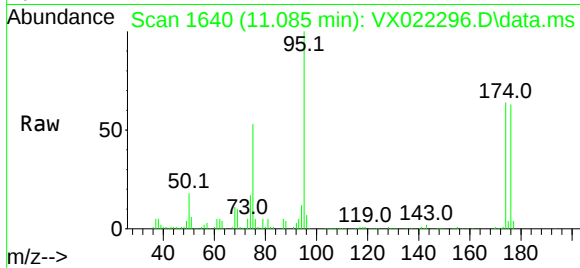




#76
1,2,3-Trichloropropane
Concen: 24.76 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

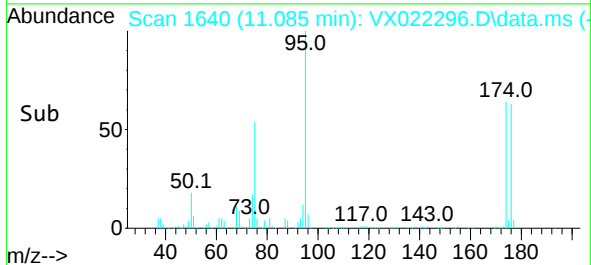
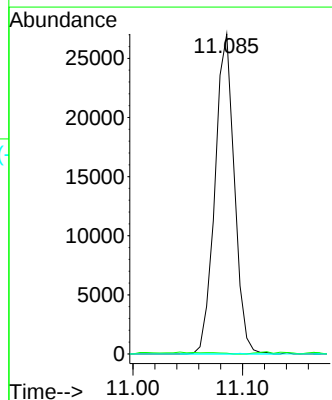
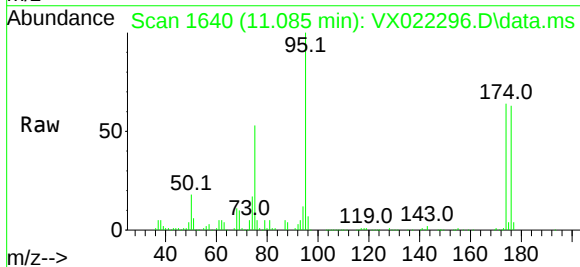
Instrument :
MSVOA_X
ClientSampleId :
MH-N-(MH-10.29)

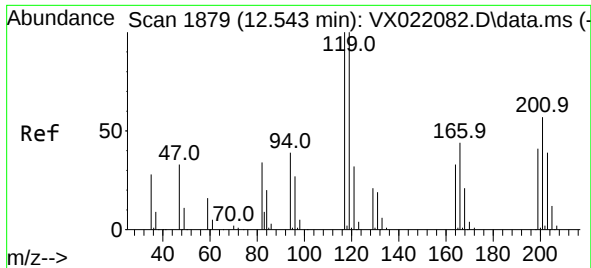
Tgt Ion: 75 Resp: 33260
Ion Ratio Lower Upper
75 100
77 2.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.67 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

Tgt Ion: 75 Resp: 33260
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

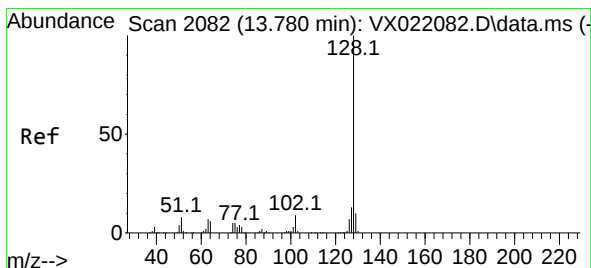
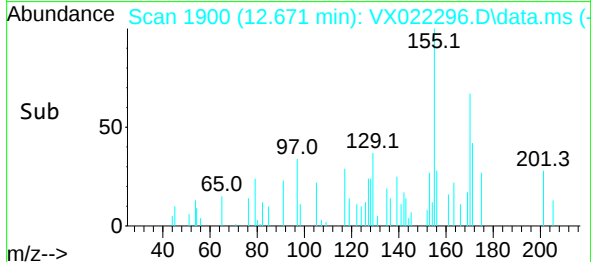
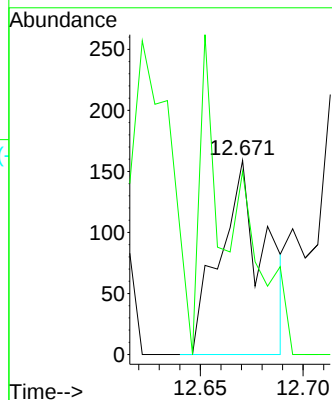
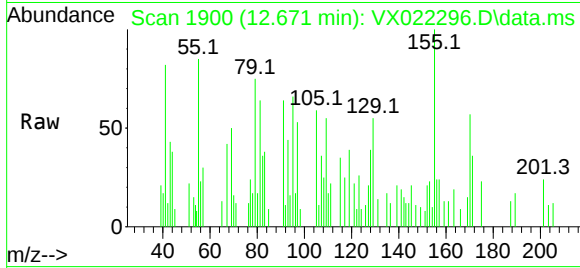




#90
Hexachloroethane
Concen: 0.36 ug/l
RT: 12.671 min Scan# 1900
Delta R.T. 0.128 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

Instrument :
MSVOA_X
ClientSampleId :
MH-N-(MH-10.29)

Tgt Ion:117 Resp: 237
Ion Ratio Lower Upper
117 100
201 67.1 40.4 121.2



#95
Naphthalene
Concen: 0.27 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022296.D
Acq: 01 Jun 2021 17:23

Tgt Ion:128 Resp: 1141
Ion Ratio Lower Upper
128 100
127 23.1 10.3 15.5#
129 14.4 8.8 13.2#

