

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019640.D
 Acq On : 25 Nov 2020 05:28
 Operator : JC/MD
 Sample : L4835-22
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-125.9T-20201119

Quant Time: Nov 25 07:12:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	292581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	485672	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	445195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	178464	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	182633	48.14	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.28%		
35) Dibromofluoromethane	5.46	113	143679	47.13	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.26%		
50) Toluene-d8	8.70	98	583532	49.26	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.52%		
62) 4-Bromofluorobenzene	11.12	95	206353	48.41	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.82%		

Target Compounds

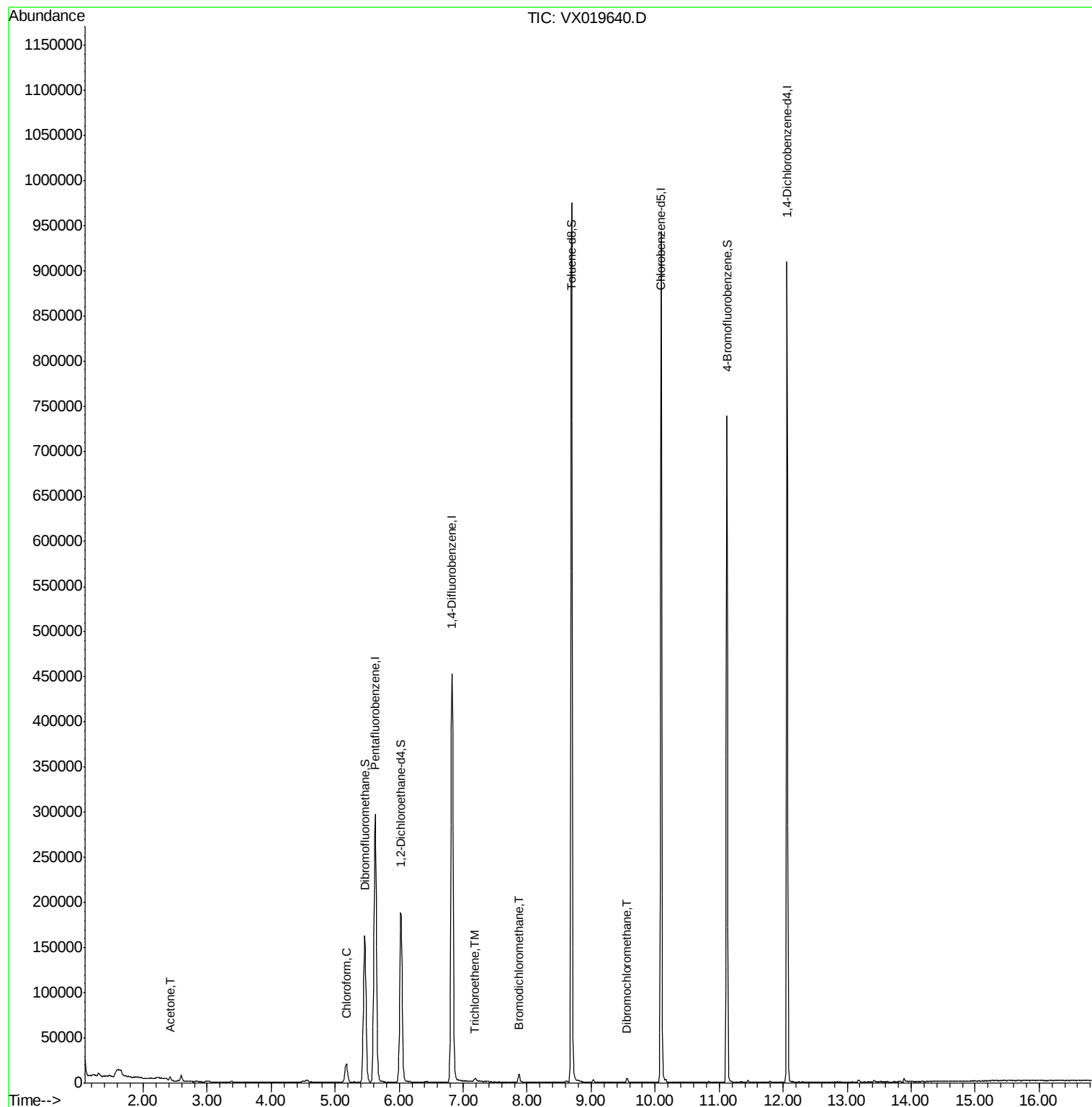
					Qvalue
16) Acetone	2.42	43	4372	2.980	ug/l 96
30) Chloroform	5.17	83	24888	4.134	ug/l 99
44) Trichloroethene	7.18	130	1111	0.303	ug/l 87
47) Bromodichloromethane	7.88	83	5872	1.284	ug/l 98
60) Dibromochloromethane	9.57	129	2008	0.588	ug/l 96

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019640.D

Acq: 25 Nov 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

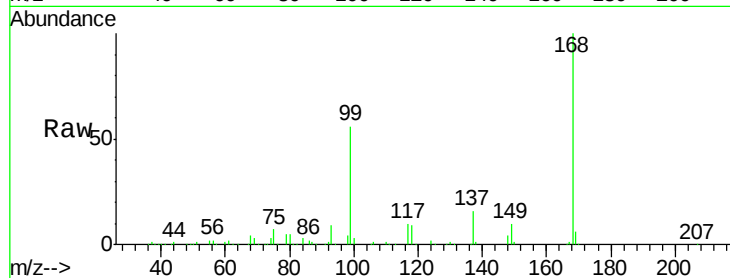
MH-125.9T-20201119

Tot Ion:168 Resp: 292581

Ion Ratio Lower Upper

168 100

99 55.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

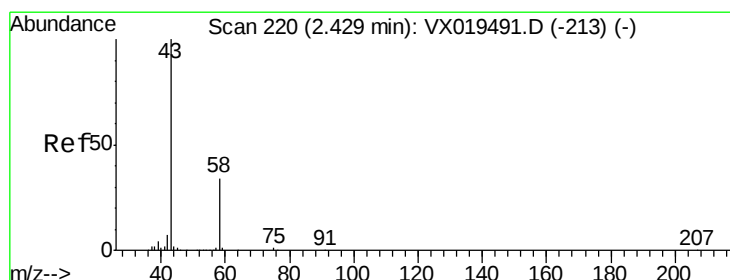
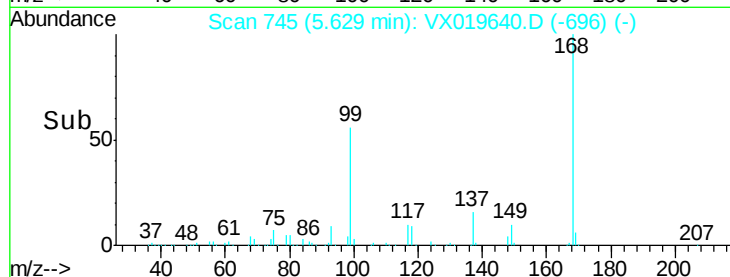
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.980 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019640.D

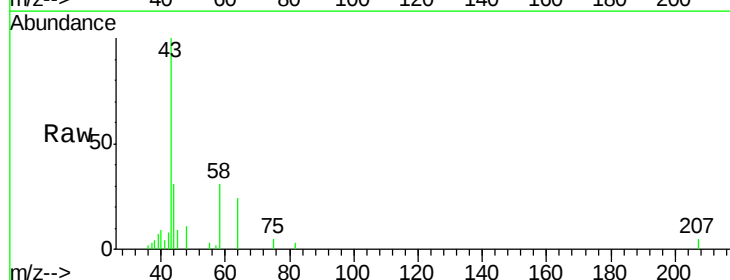
Acq: 25 Nov 2020 05:28

Tgt Ion: 43 Resp: 4372

Ion Ratio Lower Upper

43 100

58 31.8 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

3000

2500

2000

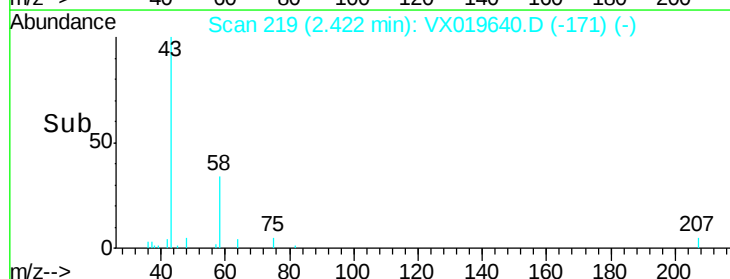
1500

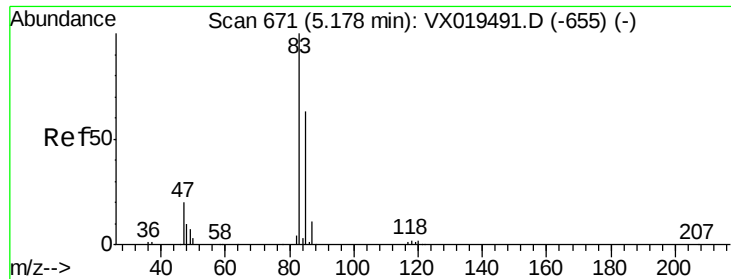
1000

500

0

Time-->

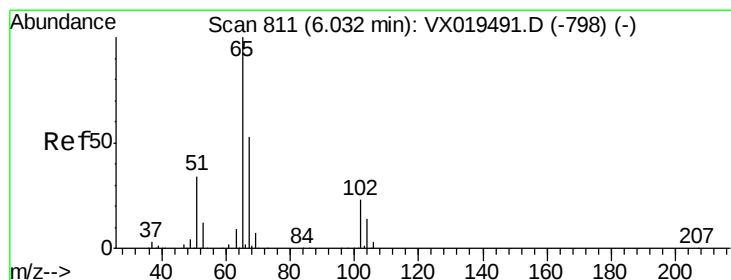
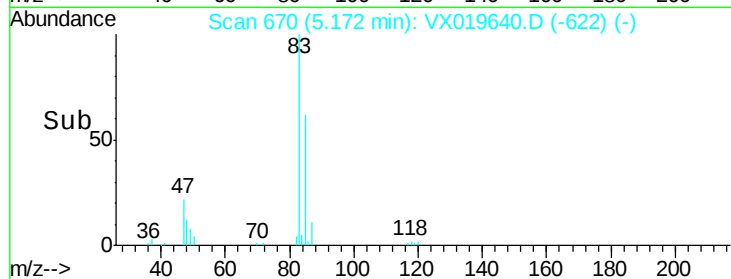
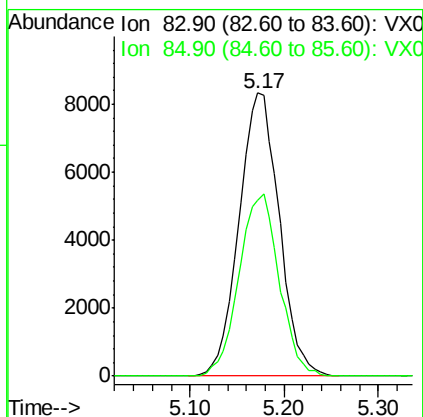
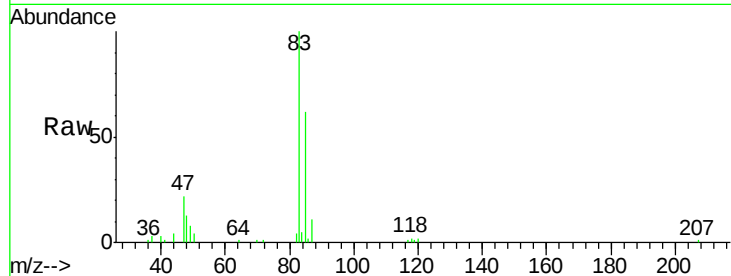




#30
Chloroform
Concen: 4.134 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019640.D
Acq: 25 Nov 2020 05:28

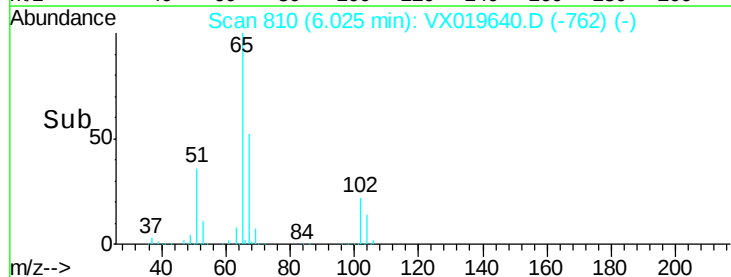
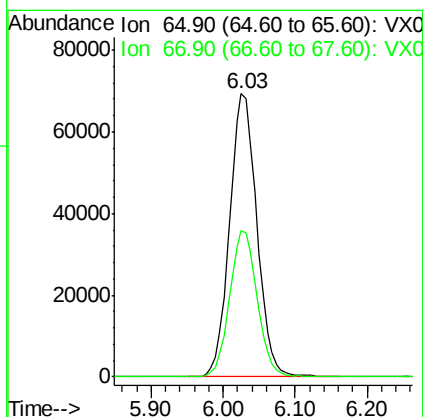
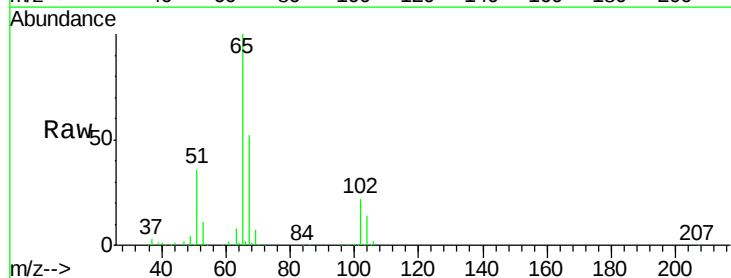
Instrument :
MSVOA_X
ClientSampleId :
MH-125.9T-20201119

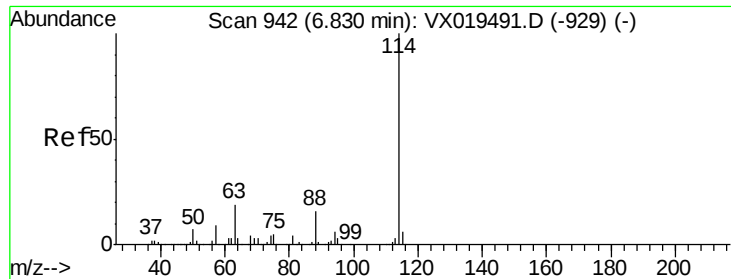
Tot Ion: 83 Resp: 24888
Ion Ratio Lower Upper
83 100
85 62.0 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 48.143 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX019640.D
Acq: 25 Nov 2020 05:28

Tgt Ion: 65 Resp: 182633
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.0

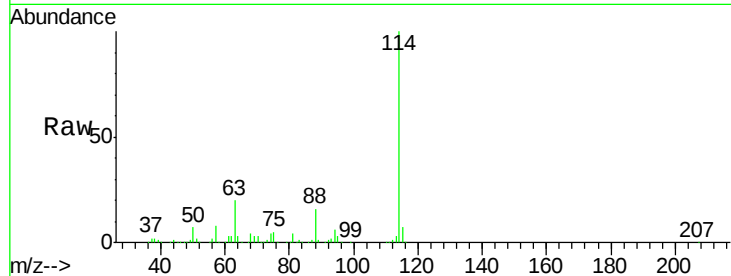




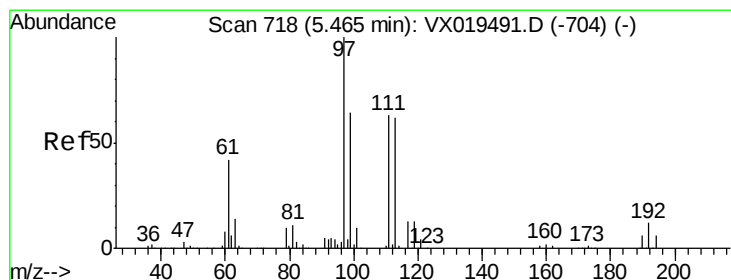
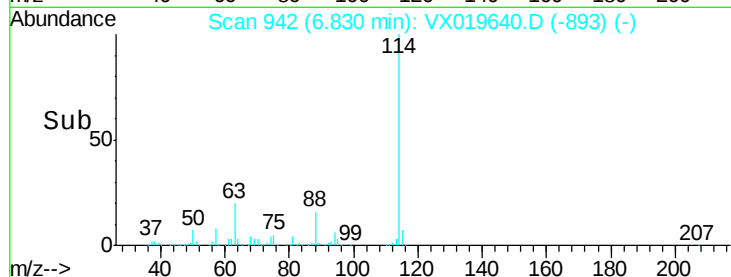
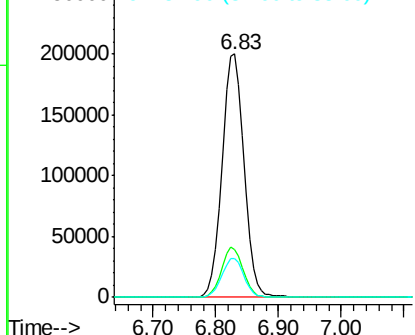
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019640.D
 Acq: 25 Nov 2020 05:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-125.9T-20201119

Tot Ion:114 Resp: 485672
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.8
 88 16.1 0.0 31.6

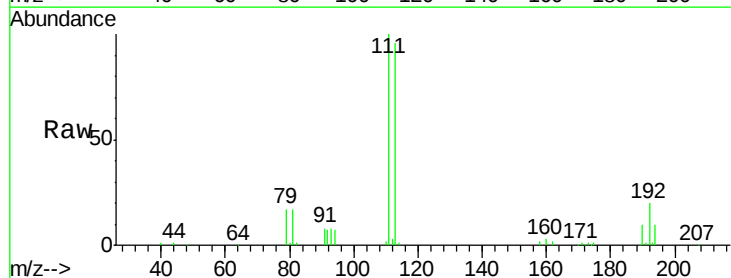


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

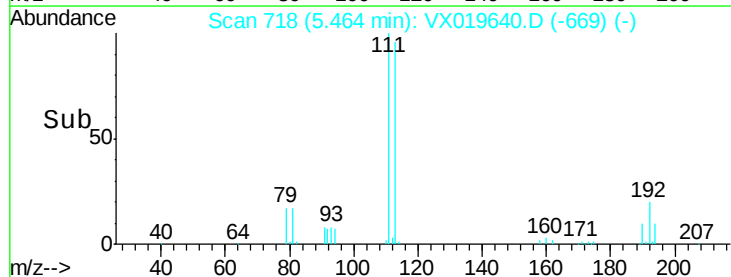
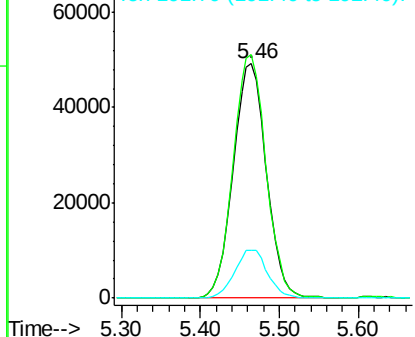


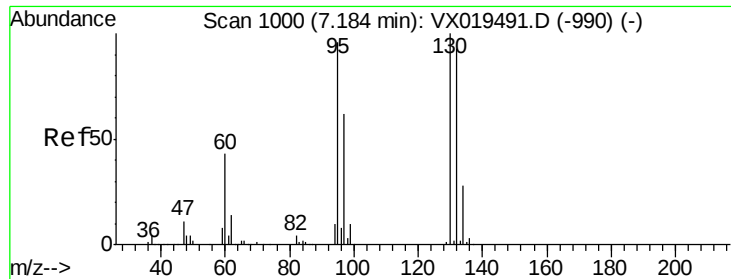
#35
 Dibromofluoromethane
 Concen: 47.130 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019640.D
 Acq: 25 Nov 2020 05:28

Tgt Ion:113 Resp: 143679
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.5 122.3
 192 20.4 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.303 ug/l

RT: 7.18 min Scan# 999

Delta R.T. -0.01 min

Lab File: VX019640.D

Acq: 25 Nov 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

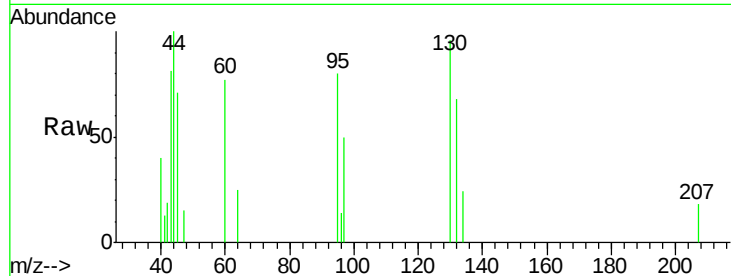
MH-125.9T-20201119

Tot Ion:130 Resp: 1111

Ion Ratio Lower Upper

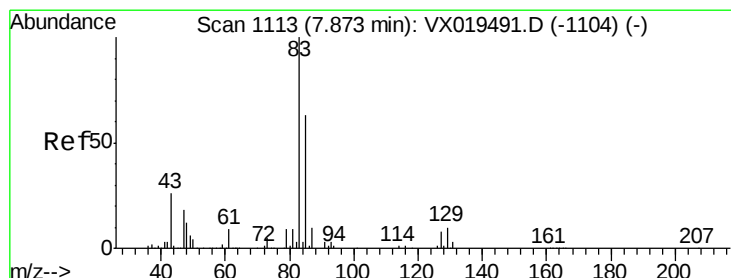
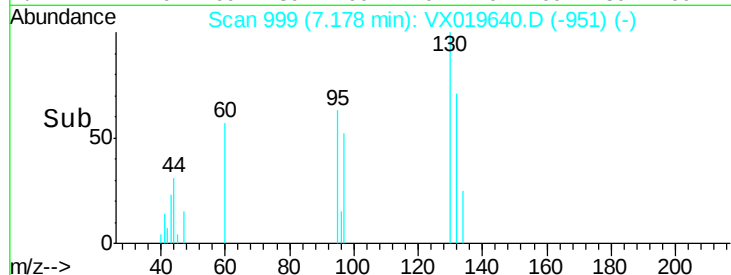
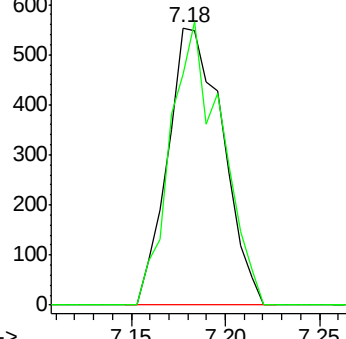
130 100

95 83.2 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#47

Bromodichloromethane

Concen: 1.284 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019640.D

Acq: 25 Nov 2020 05:28

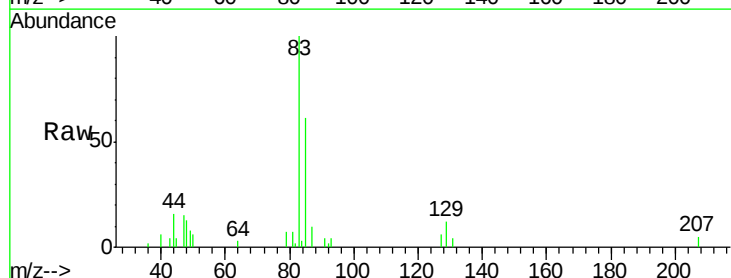
Tgt Ion: 83 Resp: 5872

Ion Ratio Lower Upper

83 100

85 61.1 50.2 75.2

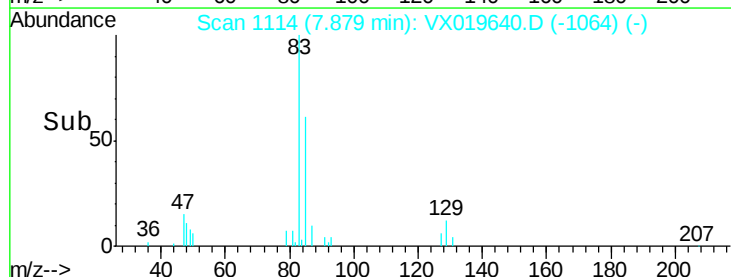
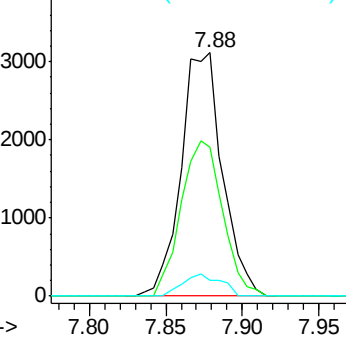
127 6.5 6.4 9.6

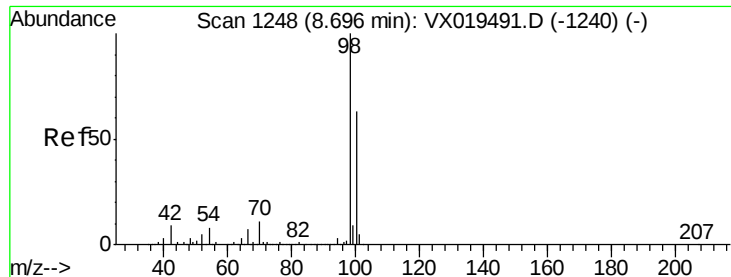


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





#50

Toluene-d8

Concen: 49.258 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019640.D

Acq: 25 Nov 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

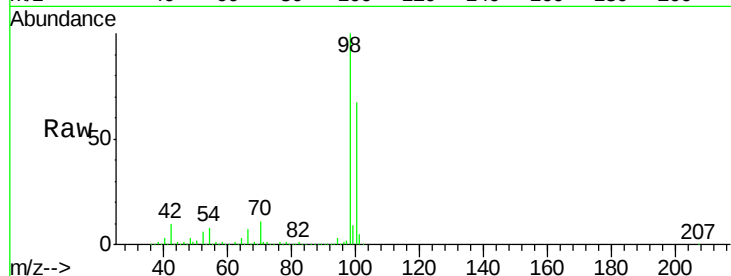
MH-125.9T-20201119

Tot Ion: 98 Resp: 583532

Ion Ratio Lower Upper

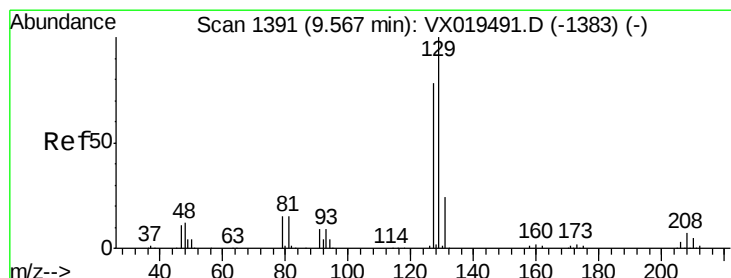
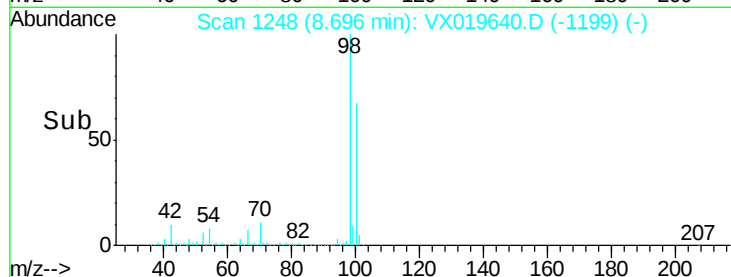
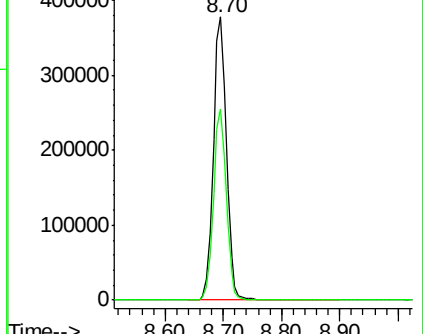
98 100

100 66.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#60

Dibromochloromethane

Concen: 0.588 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX019640.D

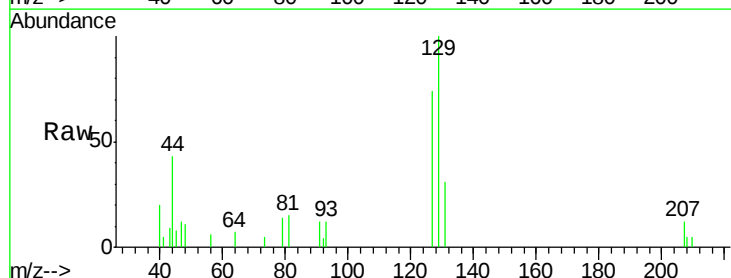
Acq: 25 Nov 2020 05:28

Tgt Ion:129 Resp: 2008

Ion Ratio Lower Upper

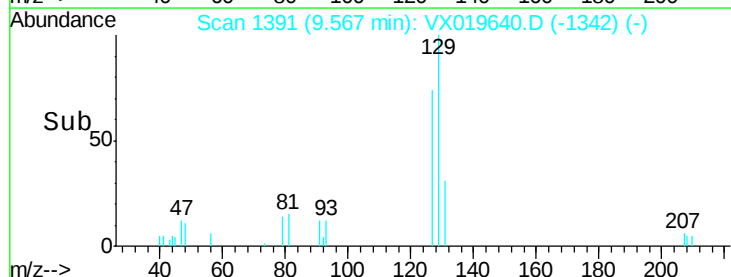
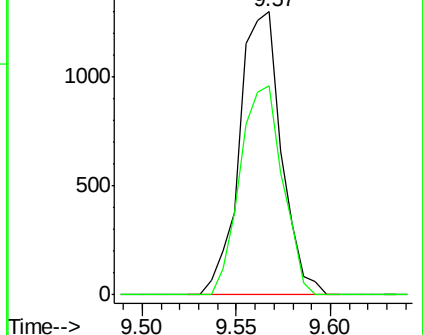
129 100

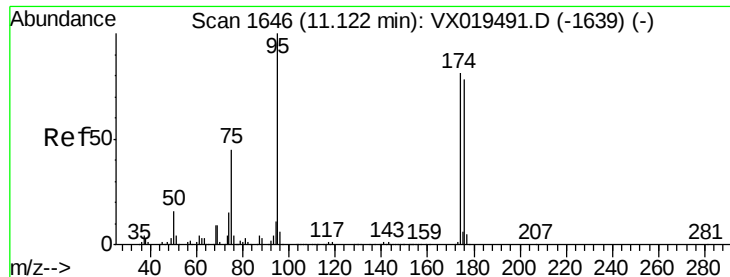
127 74.8 39.0 116.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

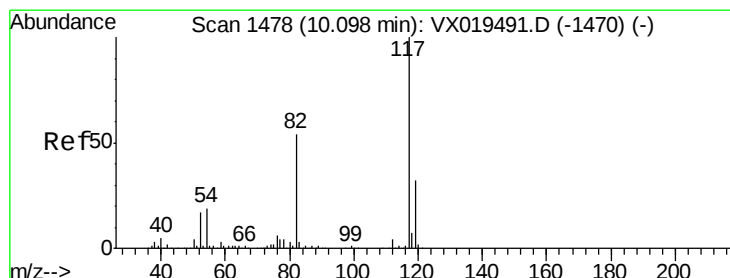
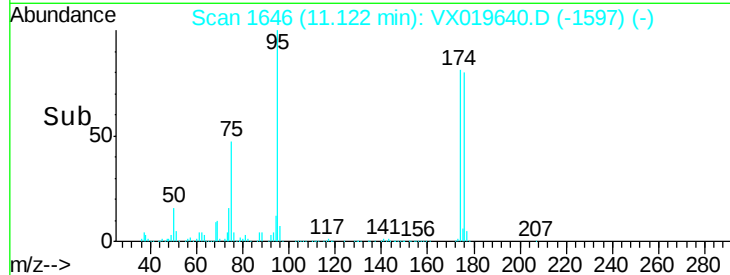
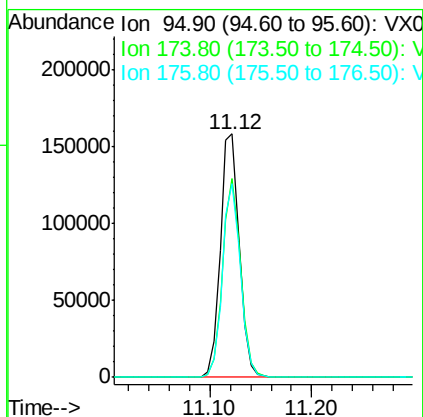
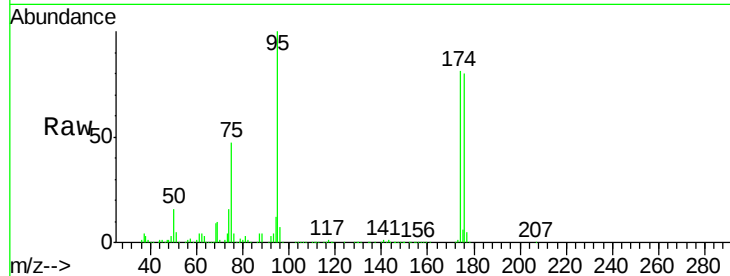




#62
4-Bromofluorobenzene
Concen: 48.415 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019640.D
Acq: 25 Nov 2020 05:28

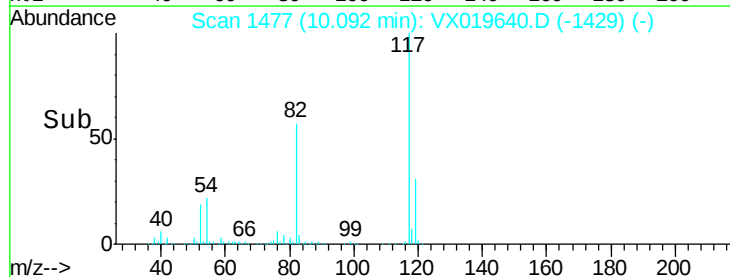
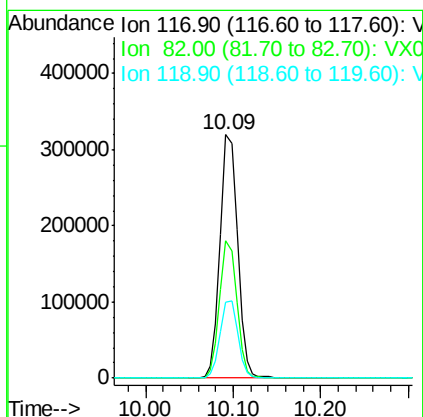
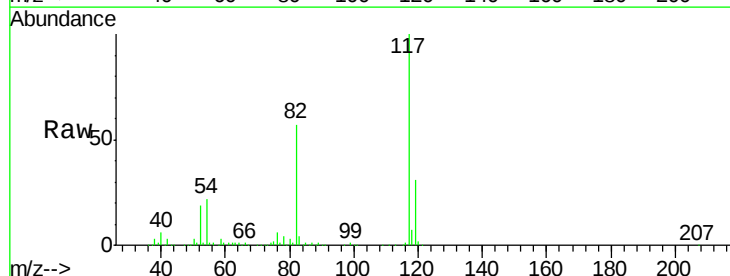
Instrument :
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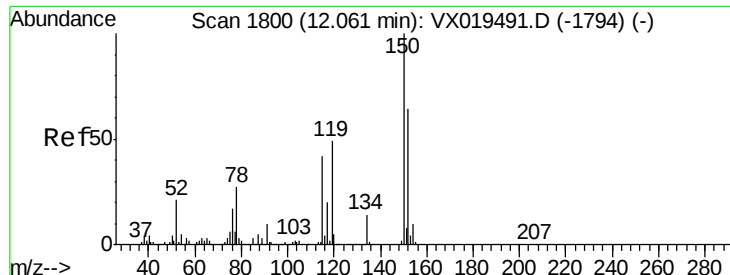
Tot Ion: 95 Resp: 206353
Ion Ratio Lower Upper
95 100
174 77.5 0.0 156.2
176 75.7 0.0 151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019640.D
Acq: 25 Nov 2020 05:28

Tgt Ion: 117 Resp: 445195
Ion Ratio Lower Upper
117 100
82 56.6 43.0 64.4
119 31.3 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019640.D

Acq: 25 Nov 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

MH-125.9T-20201119

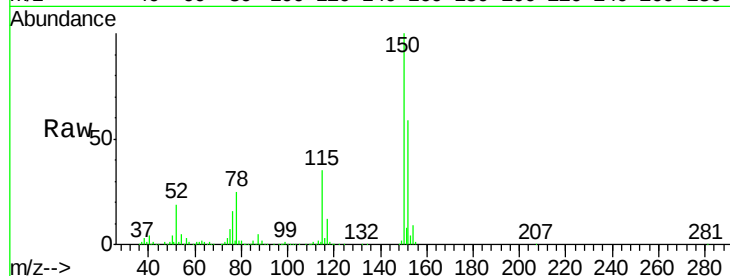
Tot Ion:152 Resp: 178464

Ion Ratio Lower Upper

152 100

115 60.6 41.8 125.4

150 161.3 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

