

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019637.D
 Acq On : 25 Nov 2020 04:18
 Operator : JC/MD
 Sample : L4835-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-118.5T-20201119

Quant Time: Nov 25 07:04:58 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	302870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	504734	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	454820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	179492	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	191808	48.84	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.68%		
35) Dibromofluoromethane	5.46	113	149913	47.32	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.64%		
50) Toluene-d8	8.70	98	605572	49.19	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.38%		
62) 4-Bromofluorobenzene	11.12	95	205661	46.43	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.86%		

Target Compounds

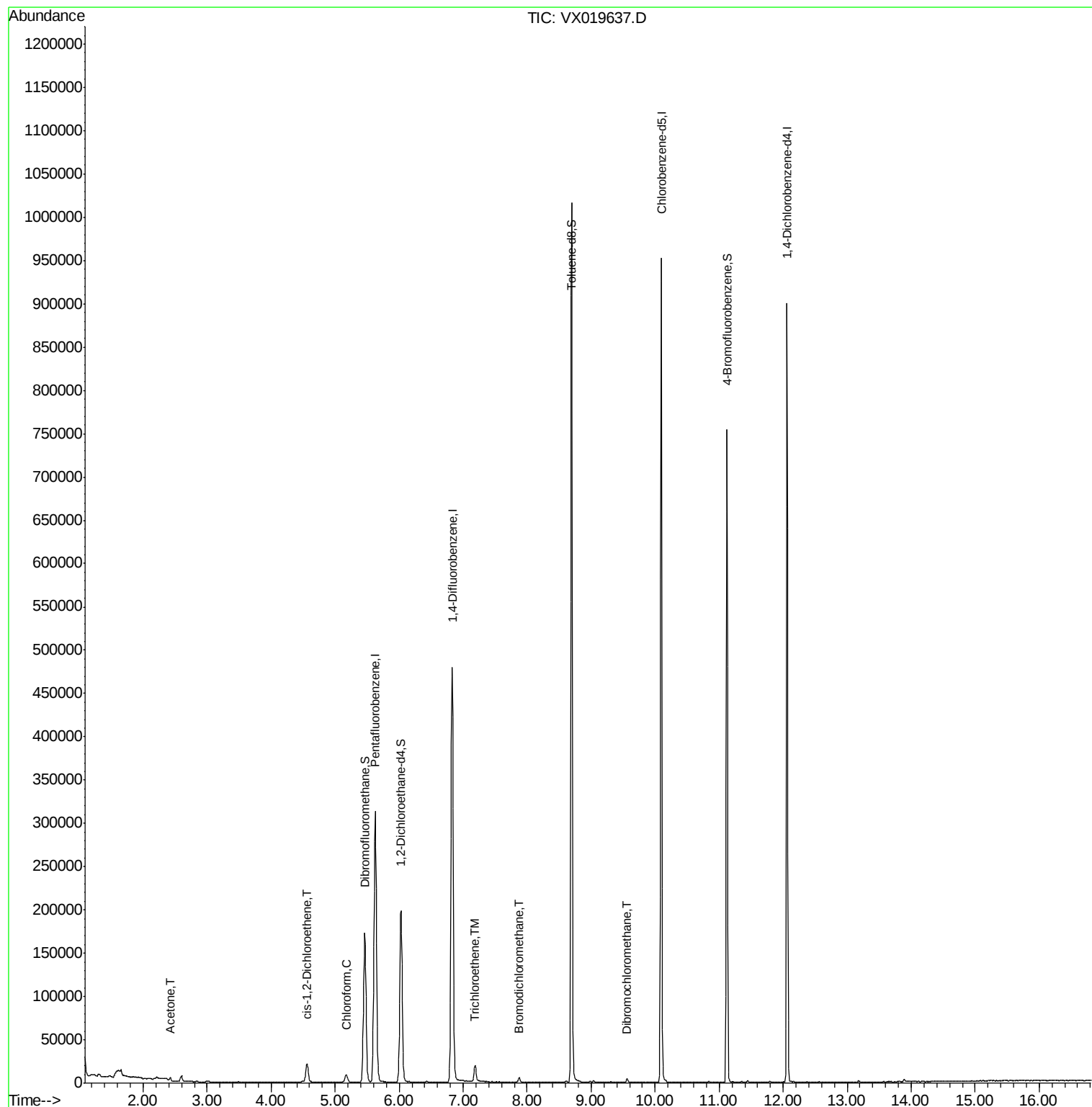
					Qvalue
16) Acetone	2.42	43	3835	2.525 ug/l	92
27) cis-1,2-Dichloroethene	4.56	96	13675	3.494 ug/l	91
30) Chloroform	5.17	83	10908	1.750 ug/l	99
44) Trichloroethene	7.18	130	6873	1.805 ug/l	87
47) Bromodichloromethane	7.88	83	3309	0.696 ug/l #	93
60) Dibromochloromethane	9.56	129	1617	0.456 ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019637.D

Acq: 25 Nov 2020 04:18

Instrument :

MSVOA_X

ClientSampleId :

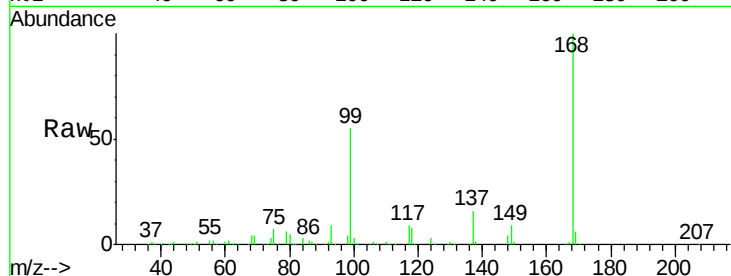
MH-118.5T-20201119

Tot Ion:168 Resp: 302870

Ion Ratio Lower Upper

168 100

99 54.9 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

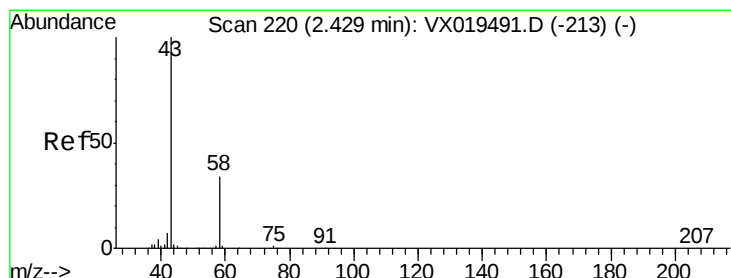
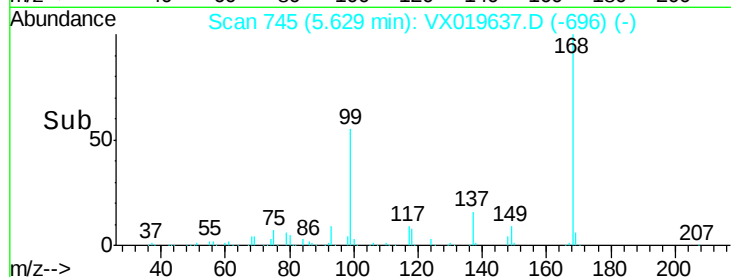
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.525 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019637.D

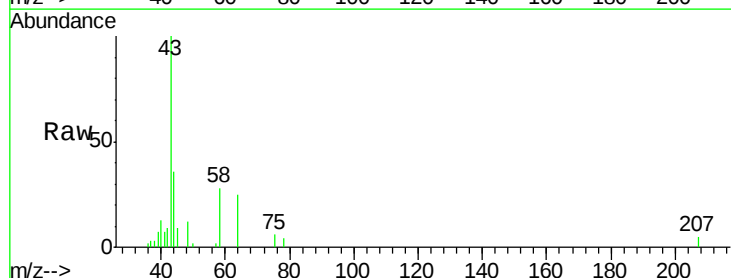
Acq: 25 Nov 2020 04:18

Tgt Ion: 43 Resp: 3835

Ion Ratio Lower Upper

43 100

58 29.4 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

2500

2000

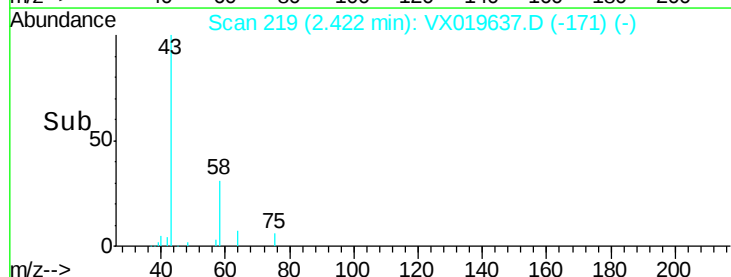
1500

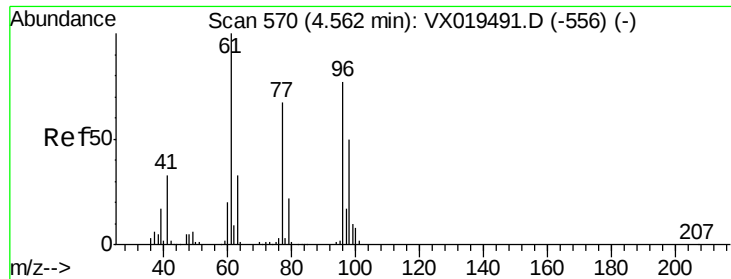
1000

500

0

Time-->



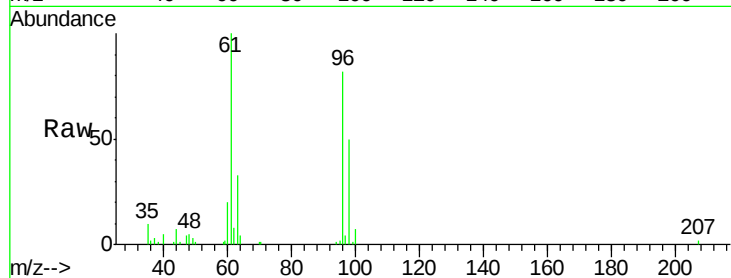


#27

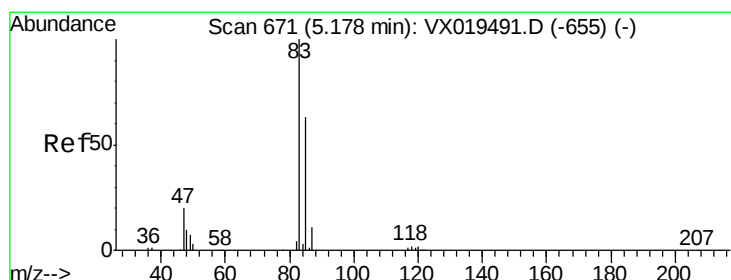
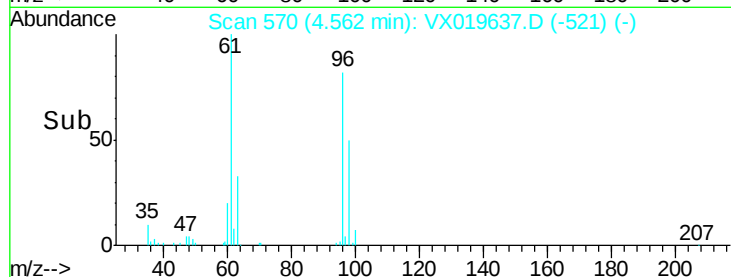
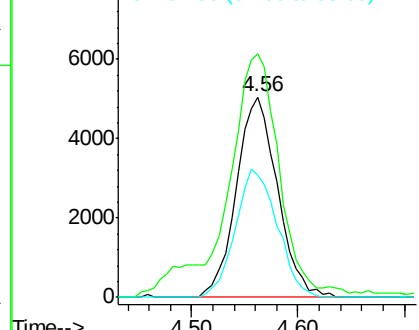
cis-1,2-Dichloroethene
Concen: 3.494 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019637.D
Acq: 25 Nov 2020 04:18

Instrument :
MSVOA_X
ClientSampleId :
MH-118.5T-20201119

Tot Ion: 96 Resp: 13675
Ion Ratio Lower Upper
96 100
61 155.9 0.0 279.2
98 65.0 0.0 129.8



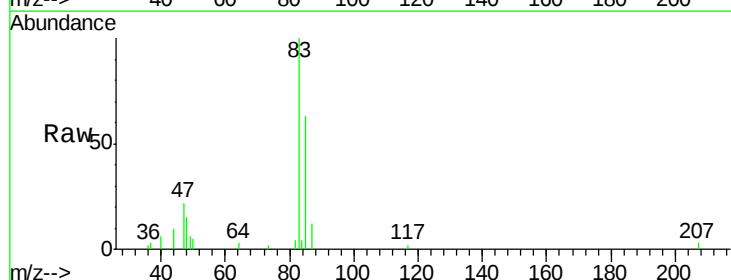
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



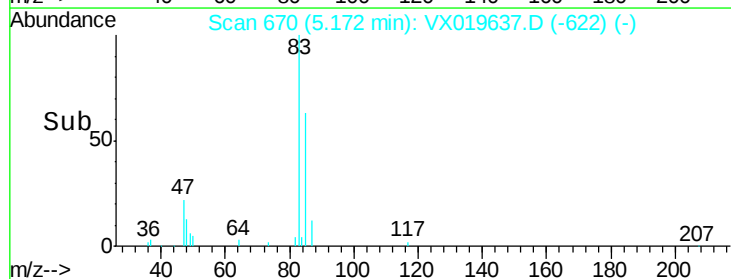
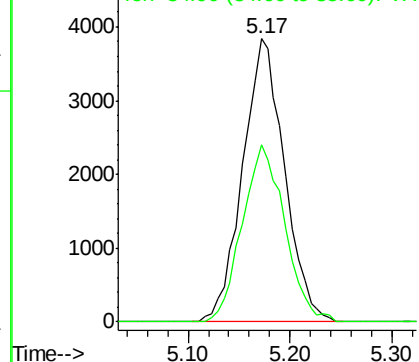
#30

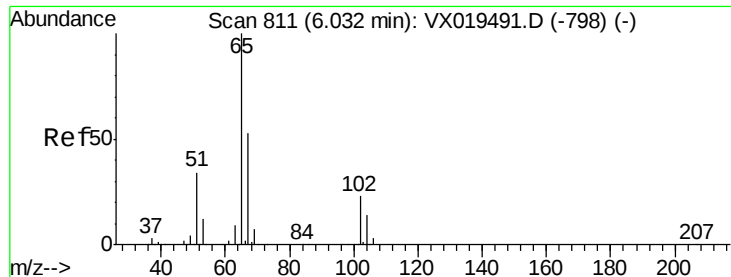
Chloroform
Concen: 1.750 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019637.D
Acq: 25 Nov 2020 04:18

Tgt Ion: 83 Resp: 10908
Ion Ratio Lower Upper
83 100
85 62.7 50.5 75.7



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.844 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019637.D

Acq: 25 Nov 2020 04:18

Instrument :

MSVOA_X

ClientSampleId :

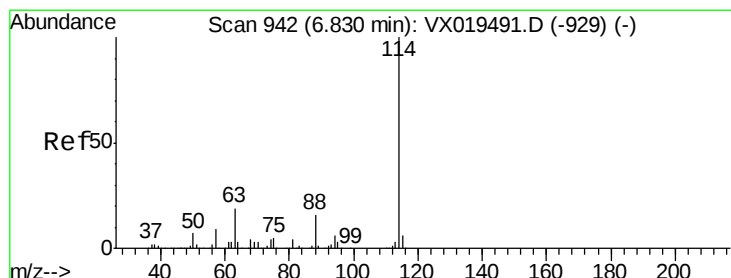
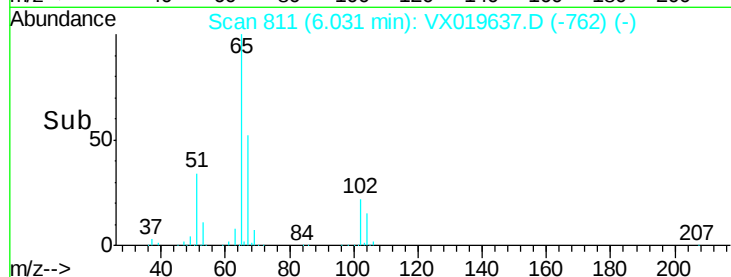
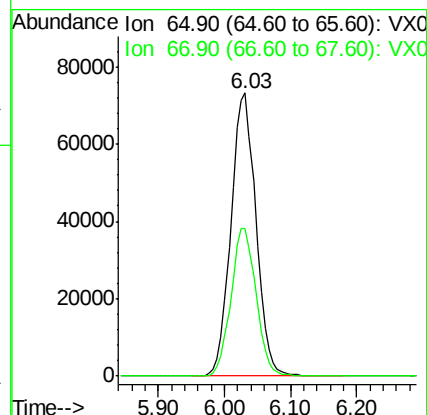
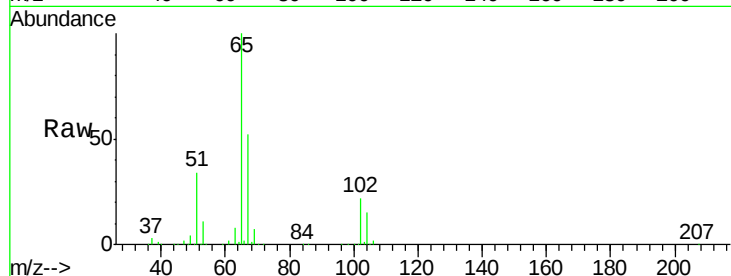
MH-118.5T-20201119

Tot Ion: 65 Resp: 191808

Ion Ratio Lower Upper

65 100

67 52.5 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: VX019637.D

Acq: 25 Nov 2020 04:18

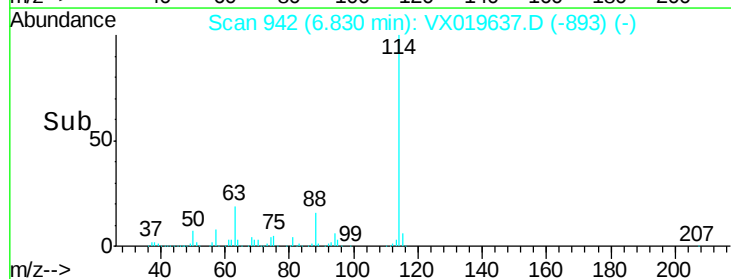
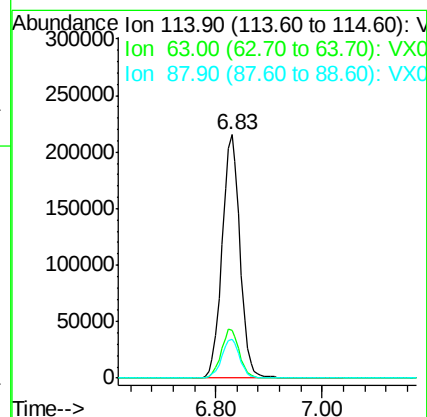
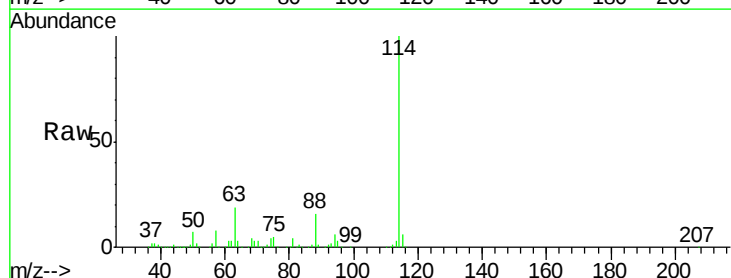
Tgt Ion: 114 Resp: 504734

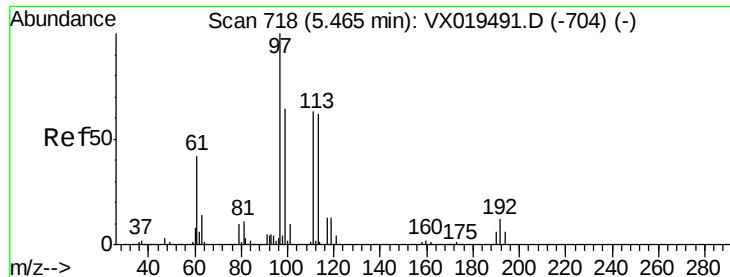
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.8

88 15.8 0.0 31.6

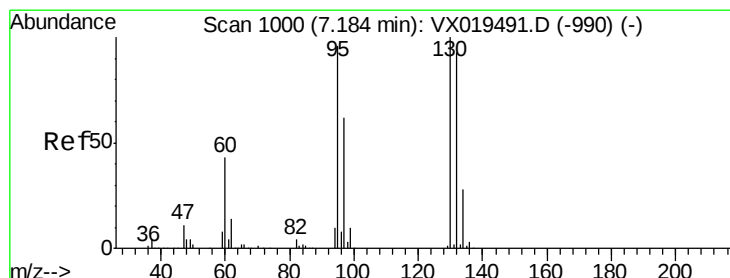
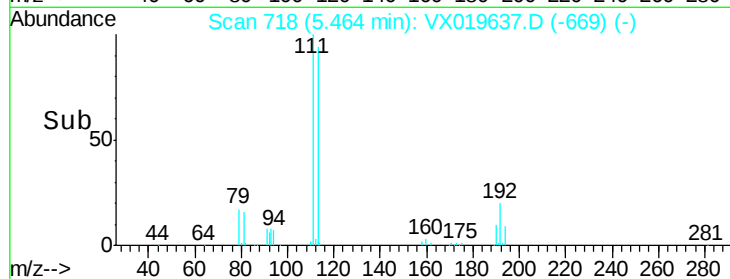
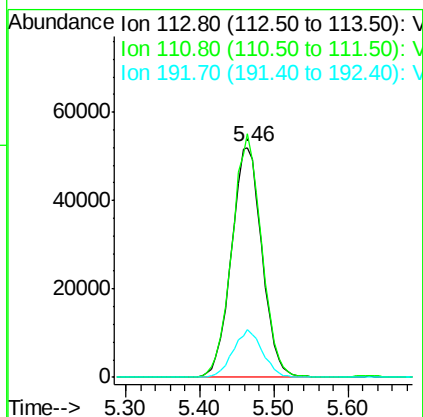
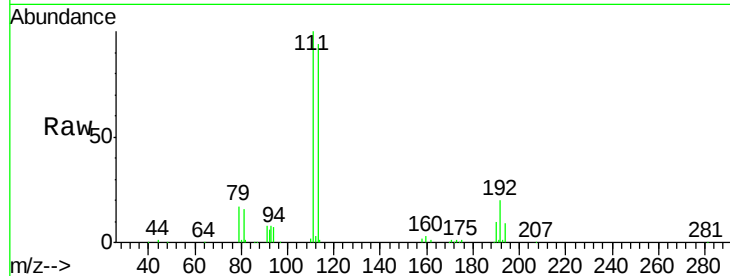




#35
 Dibromofluoromethane
 Concen: 47.318 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019637.D
 Acq: 25 Nov 2020 04:18

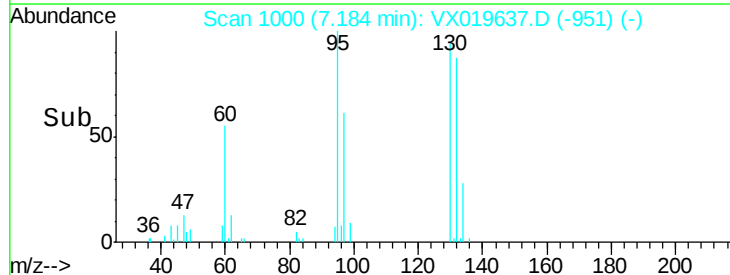
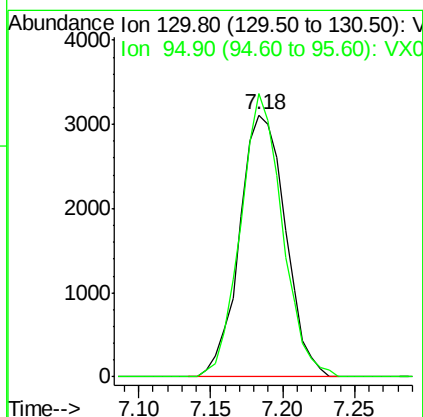
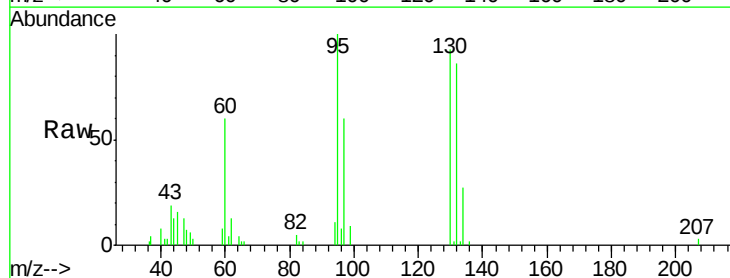
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-118.5T-20201119

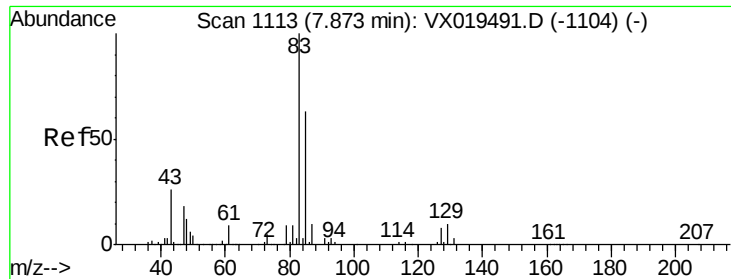
Tot Ion:113 Resp: 149913
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.5 122.3
 192 19.9 16.2 24.2



#44
 Trichloroethene
 Concen: 1.805 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019637.D
 Acq: 25 Nov 2020 04:18

Tgt Ion:130 Resp: 6873
 Ion Ratio Lower Upper
 130 100
 95 108.0 0.0 191.2

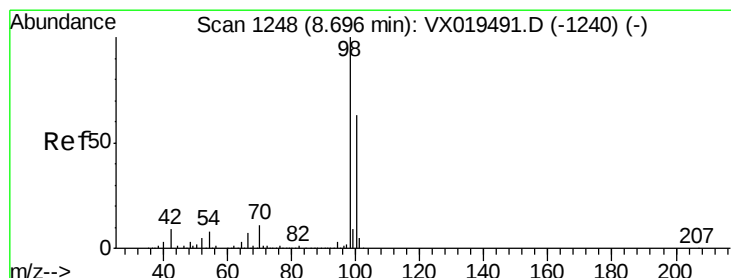
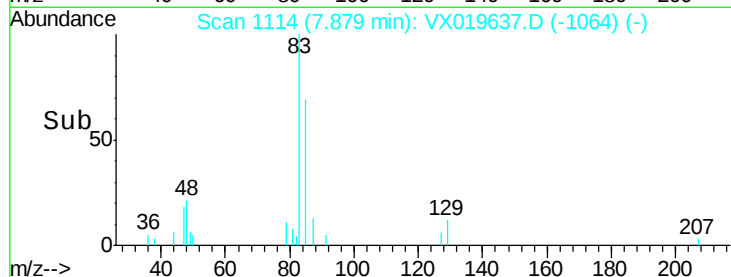
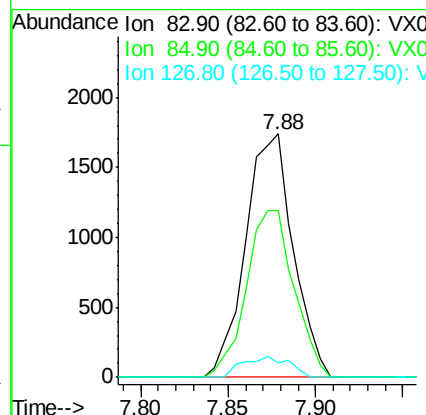
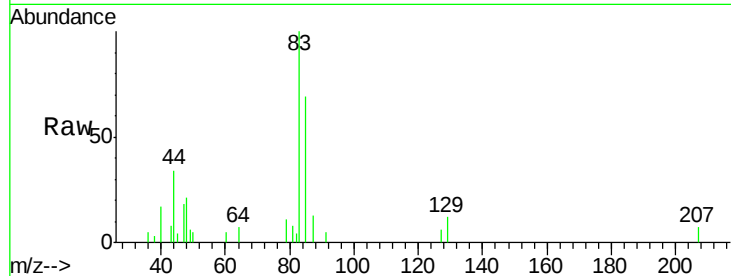




#47
Bromodichloromethane
Concen: 0.696 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VX019637.D
Acq: 25 Nov 2020 04:18

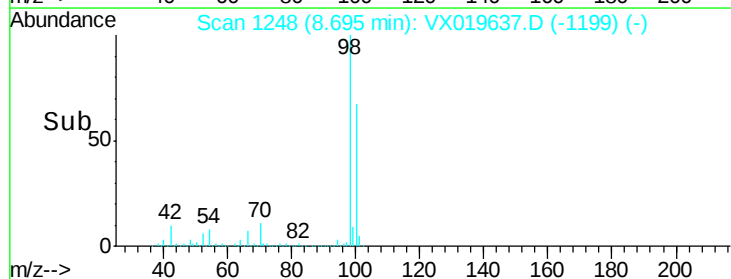
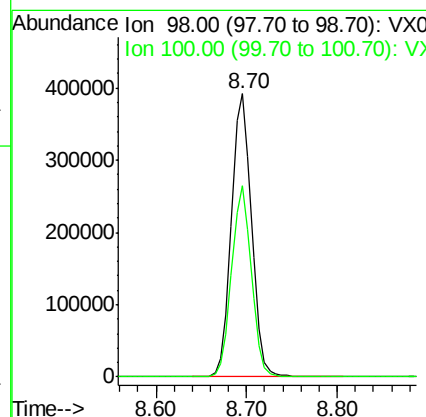
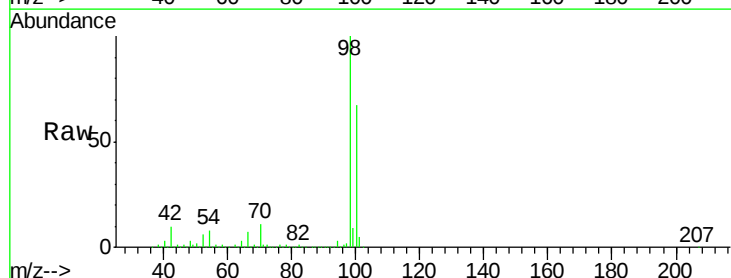
Instrument :
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ClientSampleId :
MH-118.5T-20201119

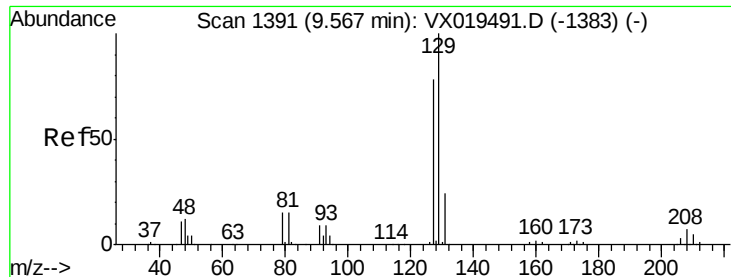
Tot Ion: 83 Resp: 3309
Ion Ratio Lower Upper
83 100
85 68.5 50.2 75.2
127 5.9 6.4 9.6#



#50
Toluene-d8
Concen: 49.188 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019637.D
Acq: 25 Nov 2020 04:18

Tgt Ion: 98 Resp: 605572
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6





#60

Dibromochloromethane

Concen: 0.456 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX019637.D

Acq: 25 Nov 2020 04:18

Instrument :

MSVOA_X

ClientSampleId :

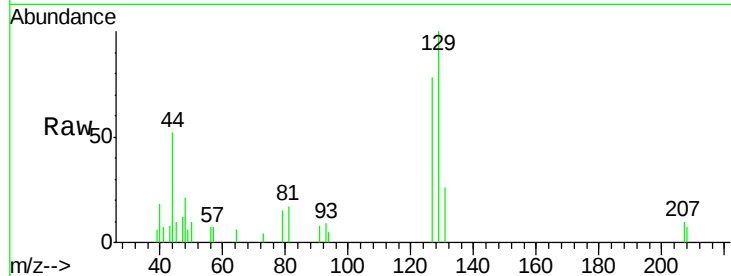
MH-118.5T-20201119

Tot Ion:129 Resp: 1617

Ion Ratio Lower Upper

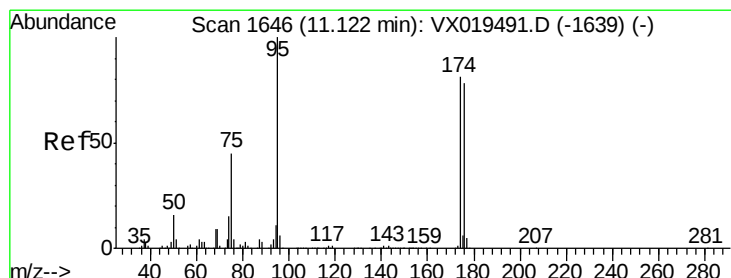
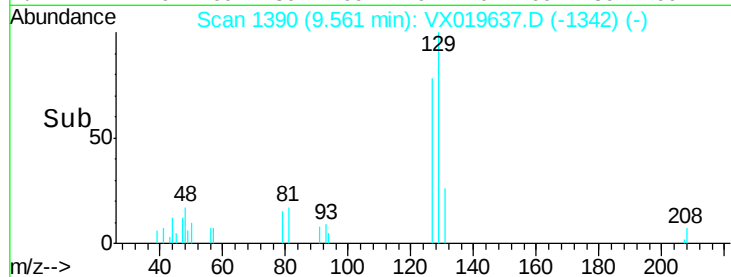
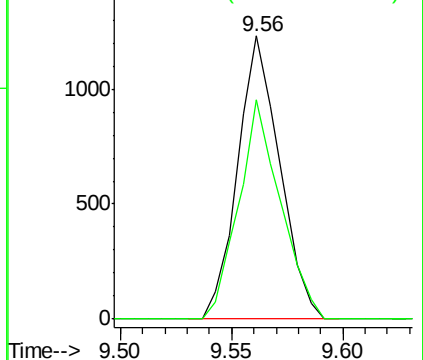
129 100

127 77.3 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: 46.430 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019637.D

Acq: 25 Nov 2020 04:18

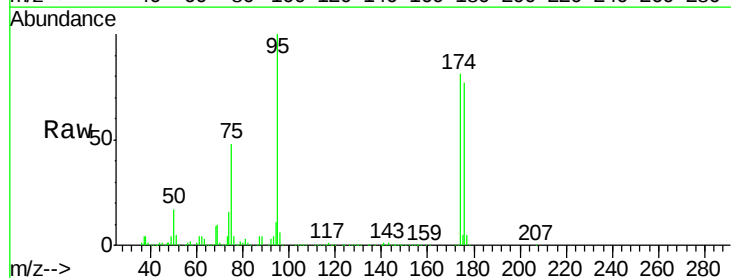
Tgt Ion: 95 Resp: 205661

Ion Ratio Lower Upper

95 100

174 77.4 0.0 156.2

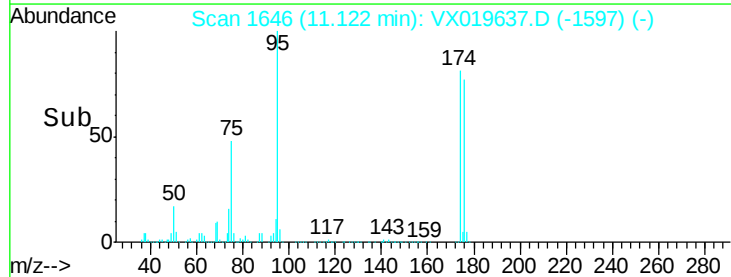
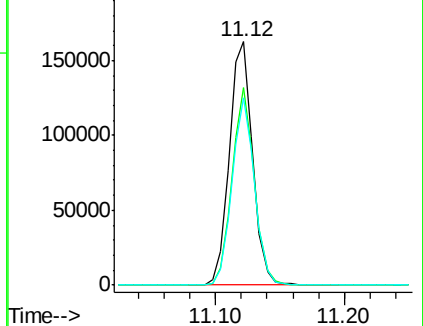
176 74.2 0.0 151.4

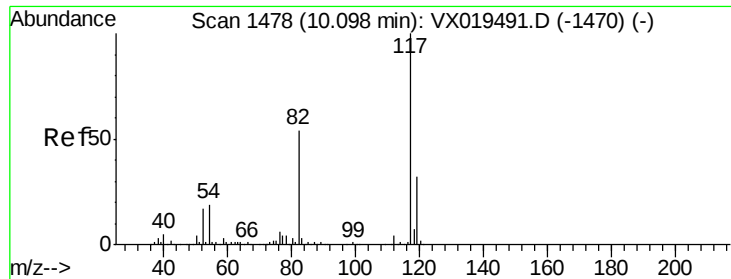


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

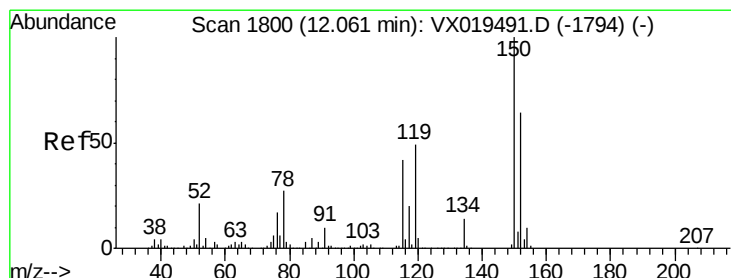
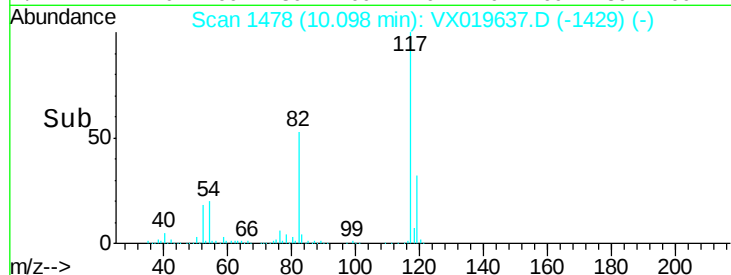
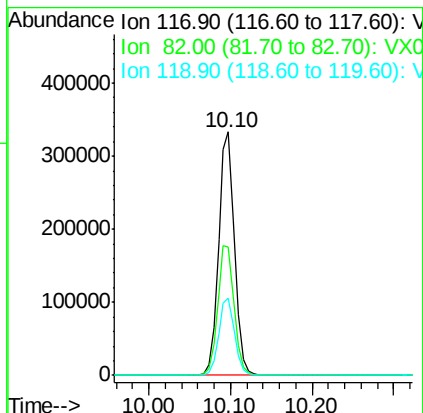
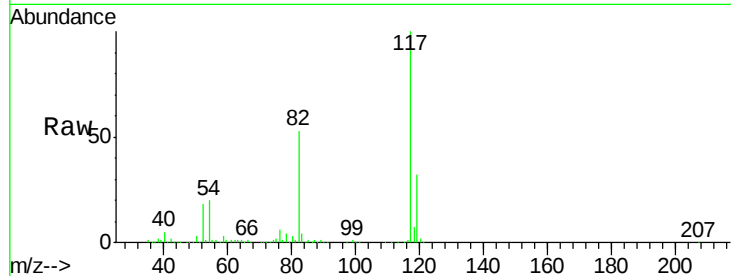




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019637.D
Acq: 25 Nov 2020 04:18

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion:117 Resp: 454820
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.8 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: VX019637.D
Acq: 25 Nov 2020 04:18

Tgt Ion:152 Resp: 179492
Ion Ratio Lower Upper
152 100
115 58.6 41.8 125.4
150 154.2 0.0 348.2

