

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019642.D
 Acq On : 25 Nov 2020 06:14
 Operator : JC/MD
 Sample : L4835-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-388.9-20201119

Quant Time: Nov 25 07:16:37 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	310386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	514221	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	467277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	189321	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	194788	48.40	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.80%	
35) Dibromofluoromethane		5.46	113	153949	47.70	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.40%	
50) Toluene-d8		8.70	98	616628	49.16	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.32%	
62) 4-Bromofluorobenzene		11.12	95	212360	47.06	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.12%	

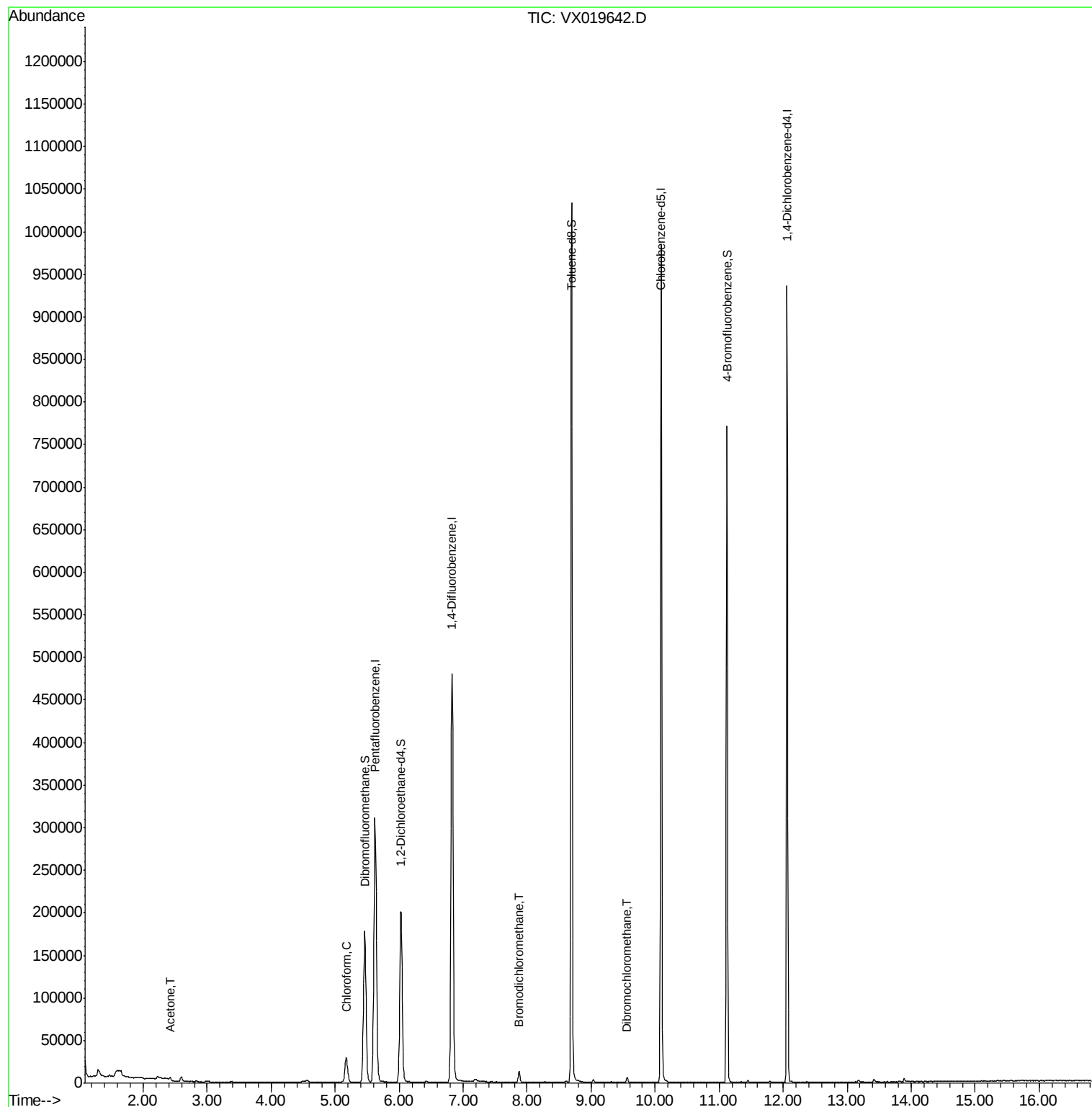
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	4304	2.766	ug/l #	86
30) Chloroform	5.17	83	36156	5.661	ug/l	99
47) Bromodichloromethane	7.87	83	8052	1.663	ug/l	99
60) Dibromochloromethane	9.57	129	2391	0.661	ug/l	97

(#) = 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: VX019642.D

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Instrument :

MSVOA_X

ClientSampleId :

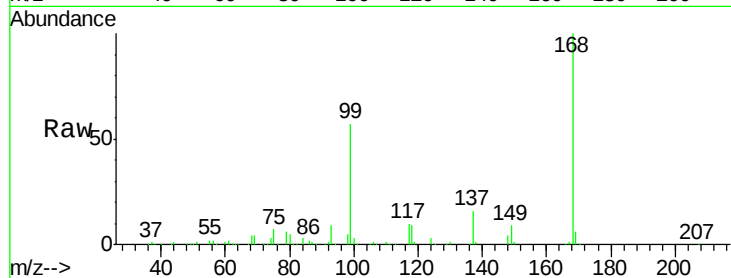
MH-388.9-20201119

Tot Ion:168 Resp: 310386

Ion Ratio Lower Upper

168 100

99 57.1 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

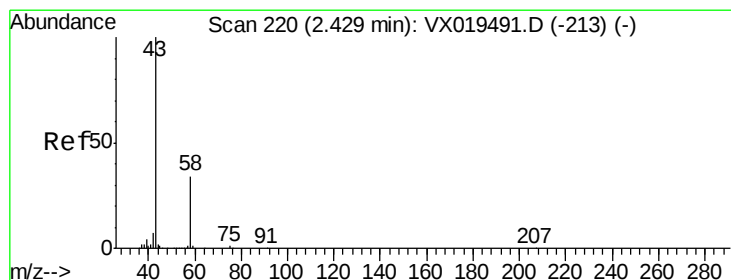
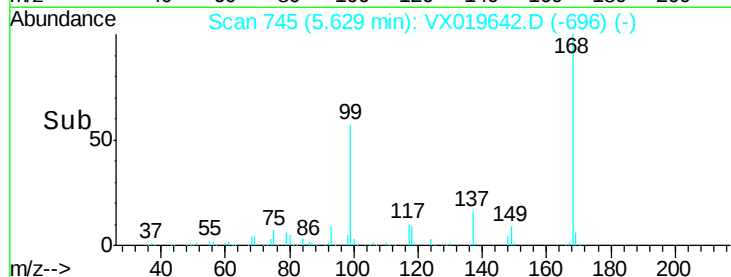
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.766 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019642.D

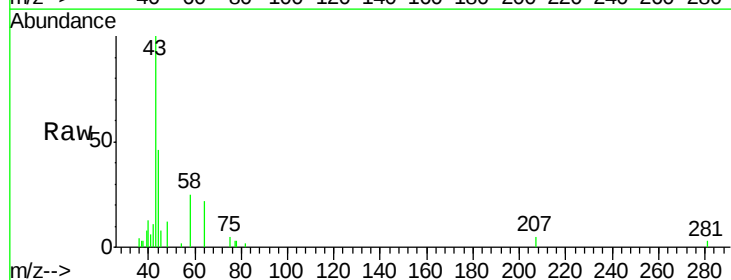
Acq: 25 Nov 2020 06:14

Tgt Ion: 43 Resp: 4304

Ion Ratio Lower Upper

43 100

58 26.1 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

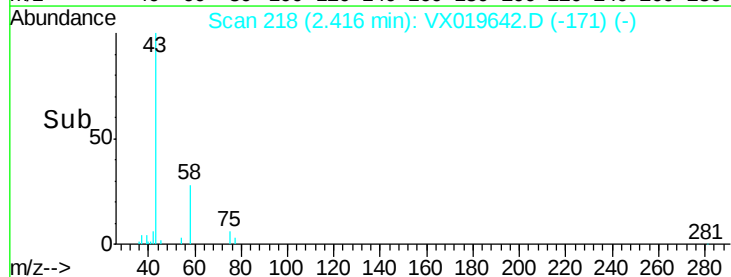
1000

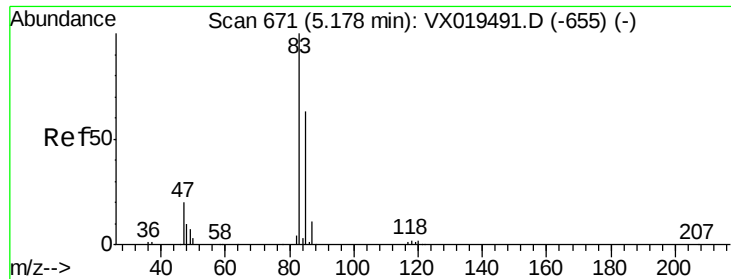
500

0

Time-->

2.35 2.40 2.45 2.50

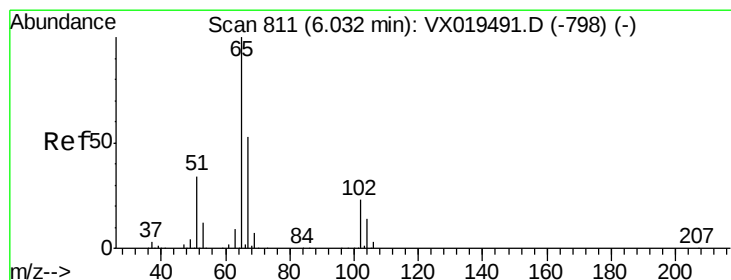
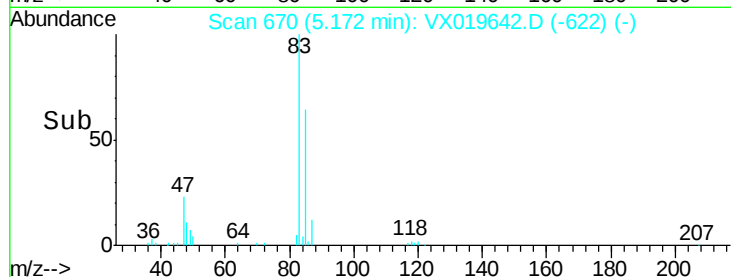
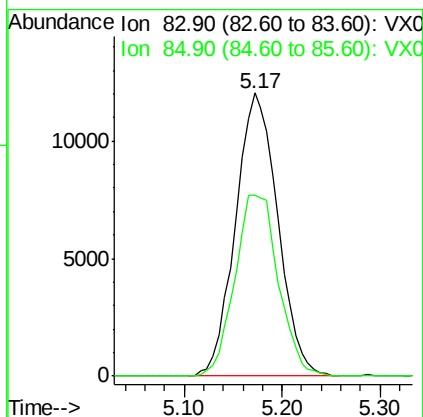
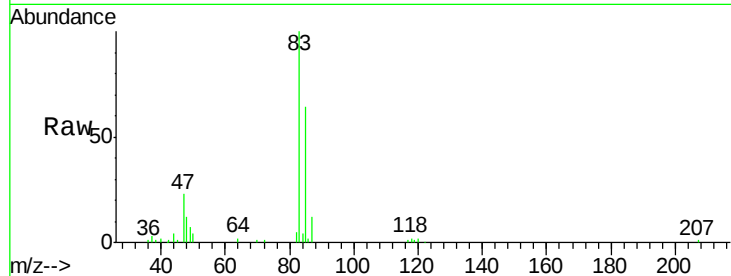




#30
Chloroform
Concen: 5.661 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

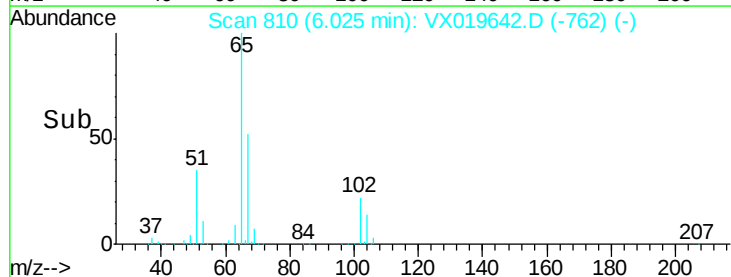
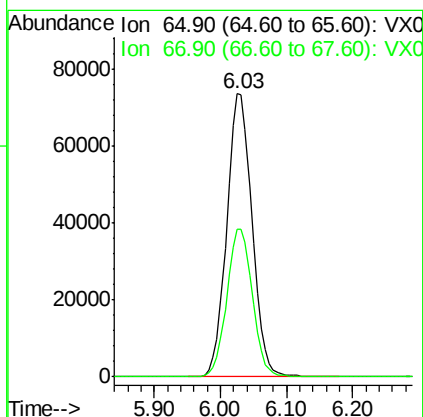
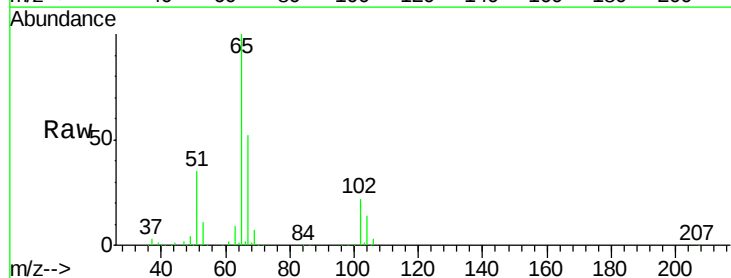
Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20201119

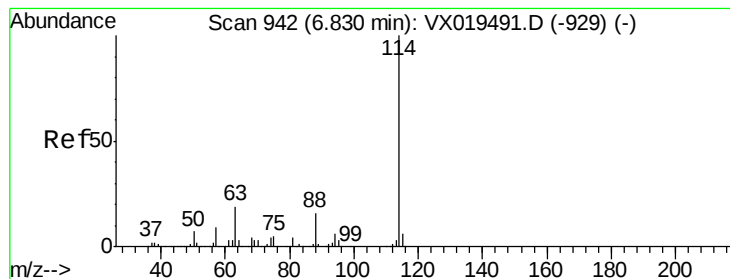
Tot Ion: 83 Resp: 36156
Ion Ratio Lower Upper
83 100
85 64.1 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 48.402 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Tgt Ion: 65 Resp: 194788
Ion Ratio Lower Upper
65 100
67 52.8 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: VX019642.D

Acq: 25 Nov 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

MH-388.9-20201119

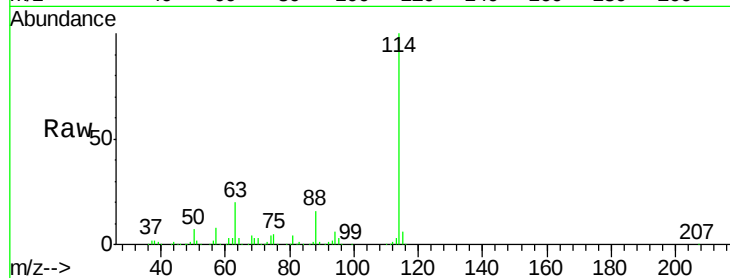
Tot Ion:114 Resp: 514221

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.8

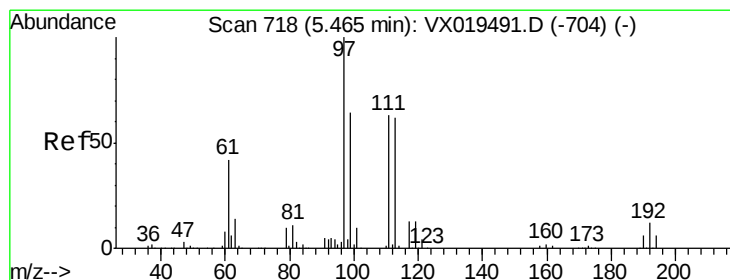
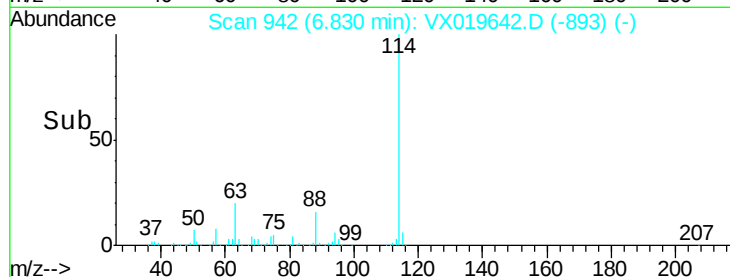
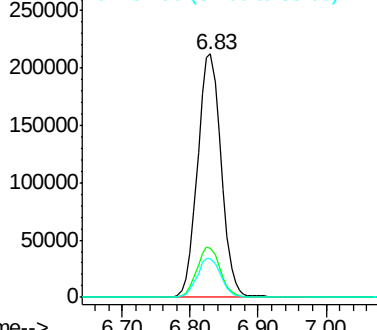
88 16.1 0.0 31.6



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: 47.695 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019642.D

Acq: 25 Nov 2020 06:14

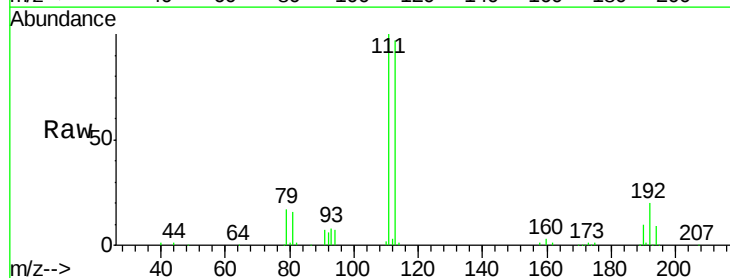
Tgt Ion:113 Resp: 153949

Ion Ratio Lower Upper

113 100

111 102.4 81.5 122.3

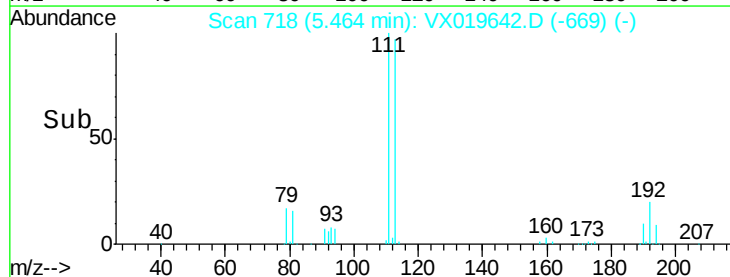
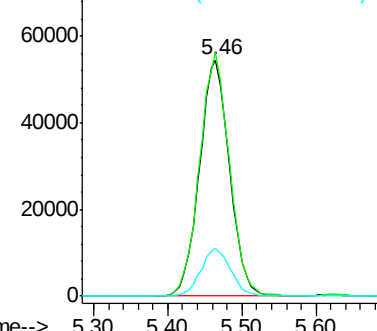
192 20.2 16.2 24.2

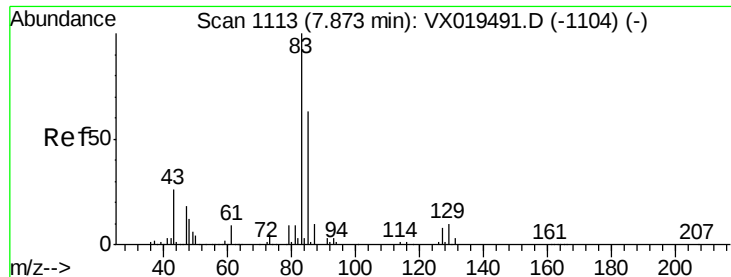


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#47

Bromodichloromethane

Concen: 1.663 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019642.D

Acq: 25 Nov 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

MH-388.9-20201119

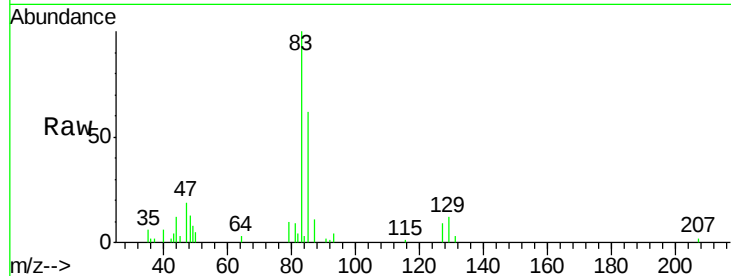
Tot Ion: 83 Resp: 8052

Ion Ratio Lower Upper

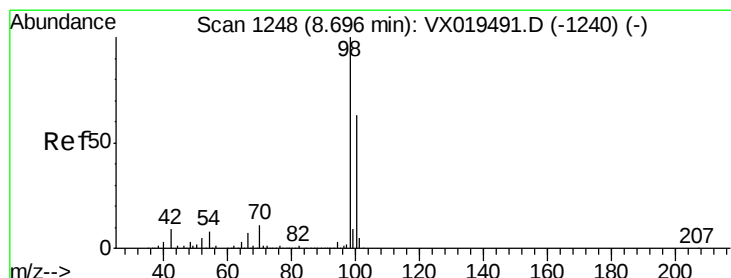
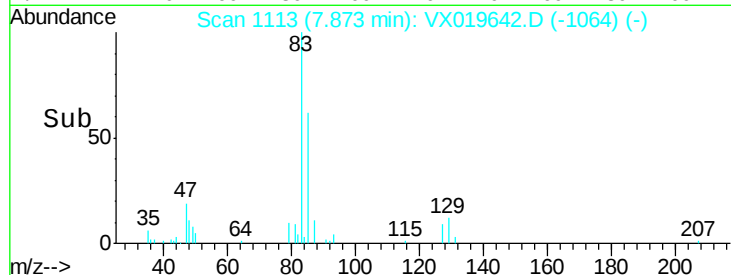
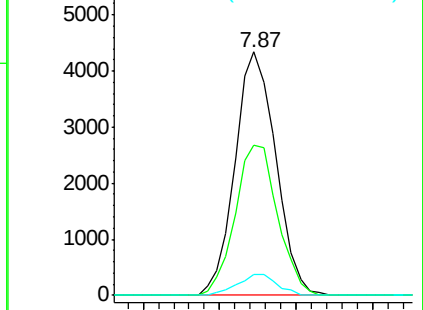
83 100

85 61.6 50.2 75.2

127 8.6 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: 49.162 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019642.D

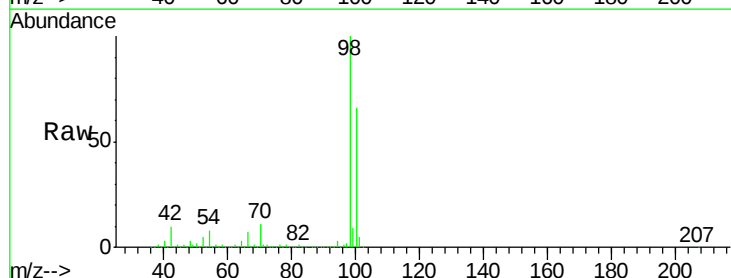
Acq: 25 Nov 2020 06:14

Tgt Ion: 98 Resp: 616628

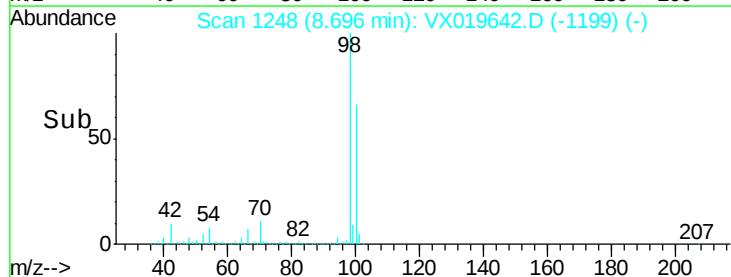
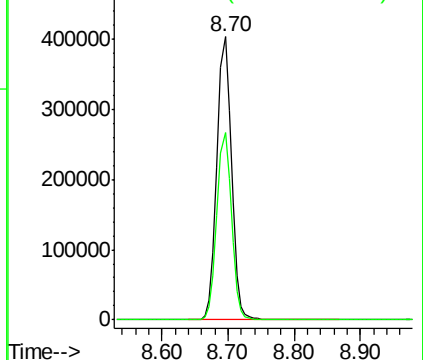
Ion Ratio Lower Upper

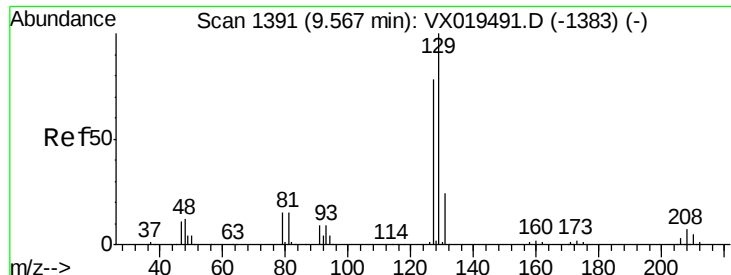
98 100

100 66.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#60

Dibromochloromethane

Concen: 0.661 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX019642.D

Acq: 25 Nov 2020 06:14

Instrument :

MSVOA_X

ClientSampleId :

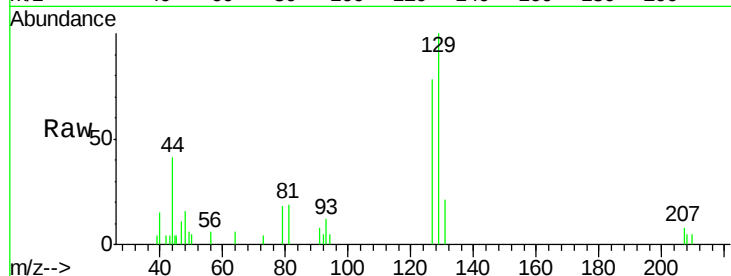
MH-388.9-20201119

Tot Ion:129 Resp: 2391

Ion Ratio Lower Upper

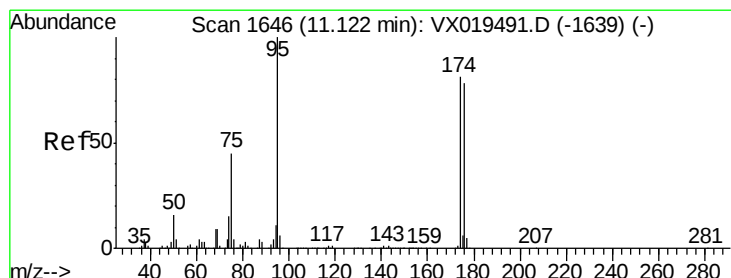
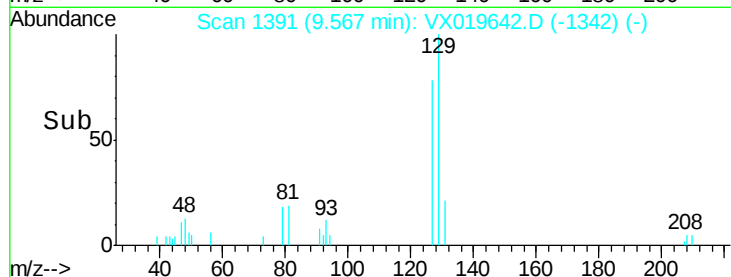
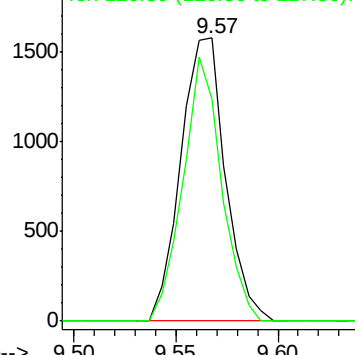
129 100

127 80.2 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: 47.058 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019642.D

Acq: 25 Nov 2020 06:14

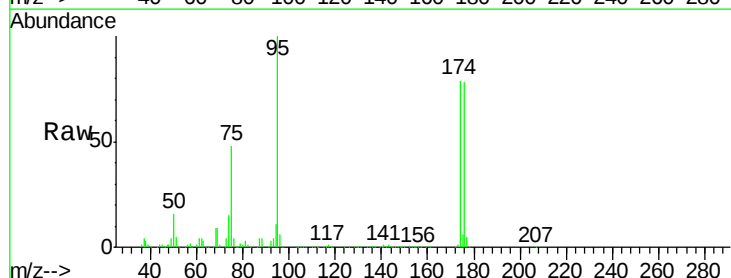
Tgt Ion: 95 Resp: 212360

Ion Ratio Lower Upper

95 100

174 76.3 0.0 156.2

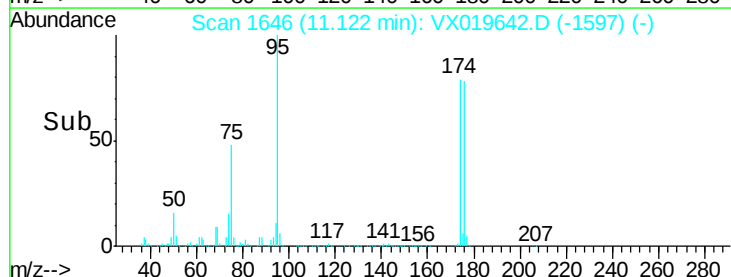
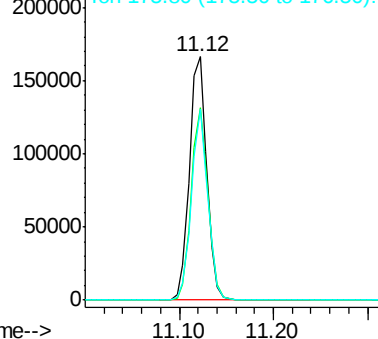
176 73.8 0.0 151.4

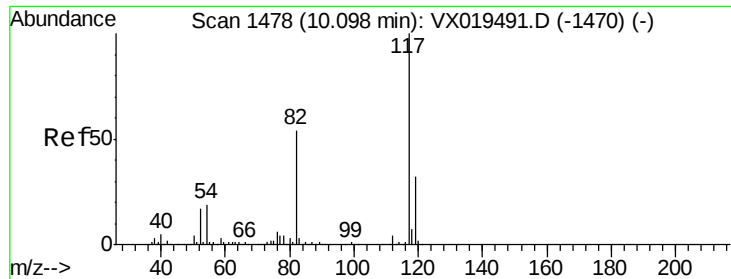


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

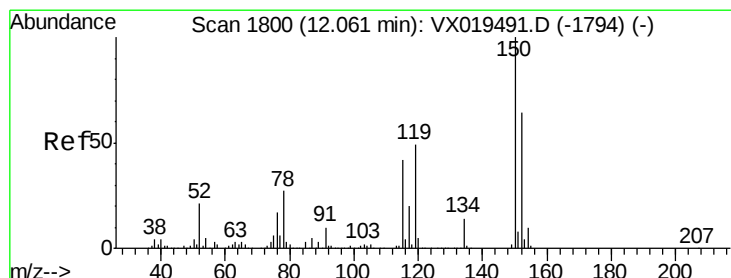
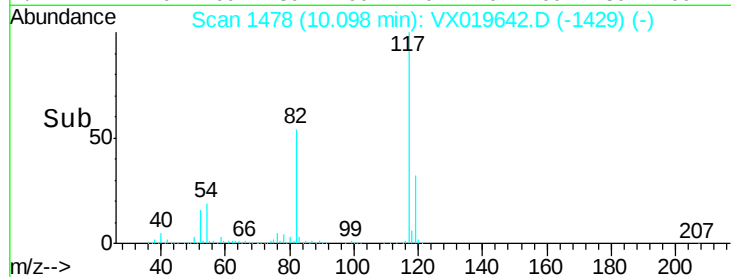
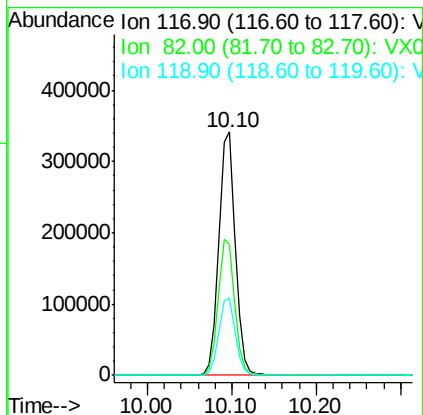
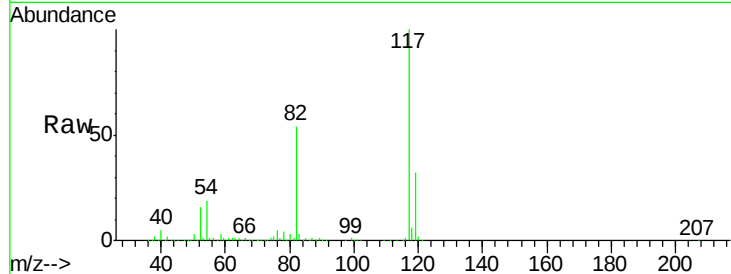




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

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Tot Ion:117 Resp: 467277
Ion Ratio Lower Upper
117 100
82 53.6 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: VX019642.D
Acq: 25 Nov 2020 06:14

Tgt Ion:152 Resp: 189321
Ion Ratio Lower Upper
152 100
115 60.0 41.8 125.4
150 158.4 0.0 348.2

