

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019639.D
 Acq On : 25 Nov 2020 05:05
 Operator : JC/MD
 Sample : L4835-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-121.5T-20201119

Quant Time: Nov 25 07:11:11 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	303263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	498469	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	456101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	182298	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	187843	47.77	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.54%
35) Dibromofluoromethane	5.46	113	148520	47.47	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.94%
50) Toluene-d8	8.70	98	596041	49.02	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.04%
62) 4-Bromofluorobenzene	11.12	95	206377	47.18	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.36%

Target Compounds

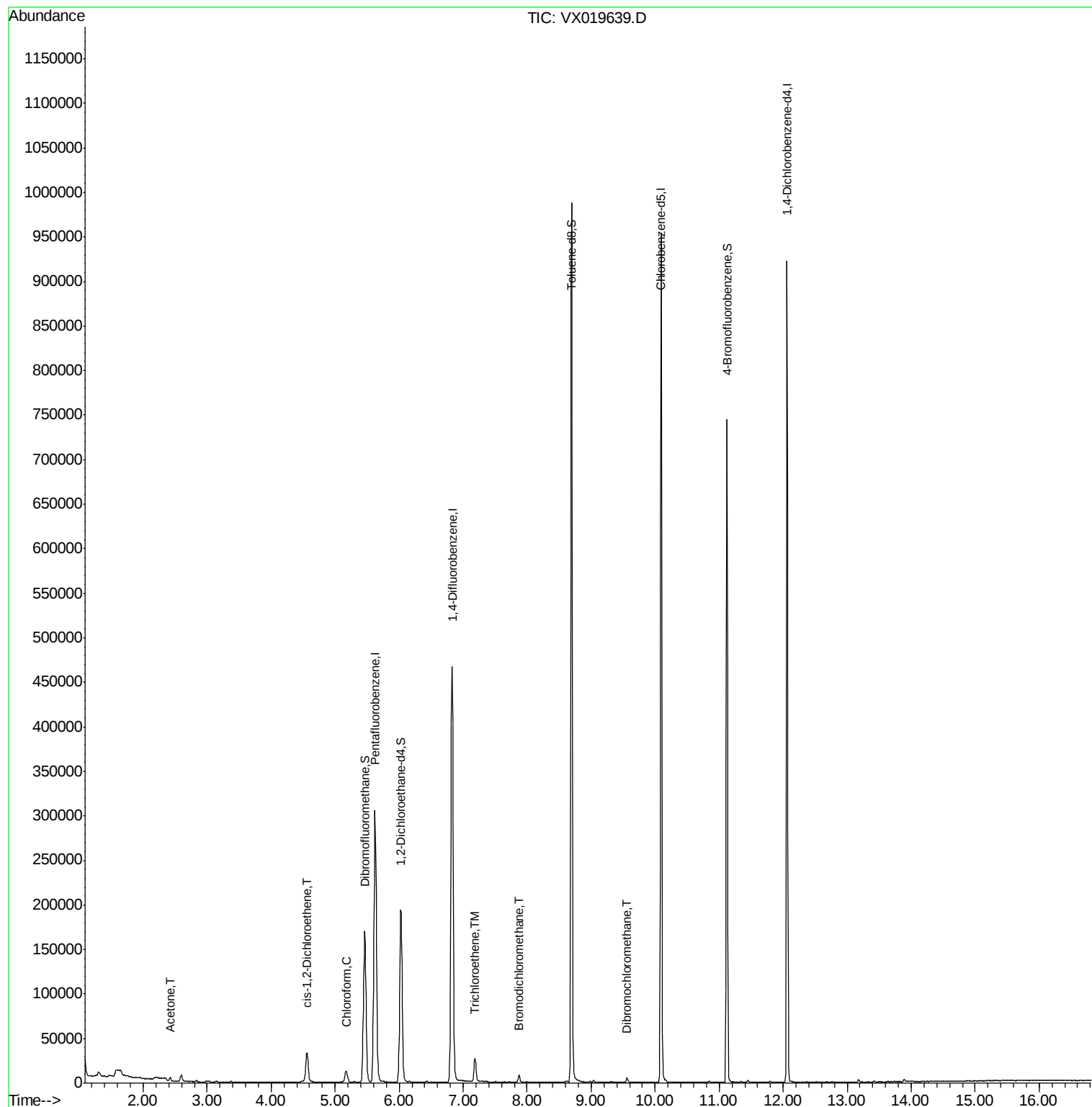
					Qvalue
16) Acetone	2.42	43	3983	2.619	ug/l 97
27) cis-1,2-Dichloroethene	4.56	96	21810	5.566	ug/l 93
30) Chloroform	5.17	83	16028	2.568	ug/l 94
44) Trichloroethene	7.18	130	9417	2.504	ug/l 99
47) Bromodichloromethane	7.87	83	4489	0.956	ug/l 96
60) Dibromochloromethane	9.56	129	1976	0.564	ug/l 95

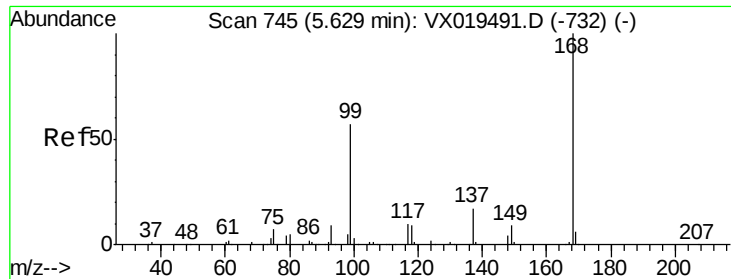
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
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: VX019639.D

Acq: 25 Nov 2020 05:05

Instrument :

MSVOA_X

ClientSampleId :

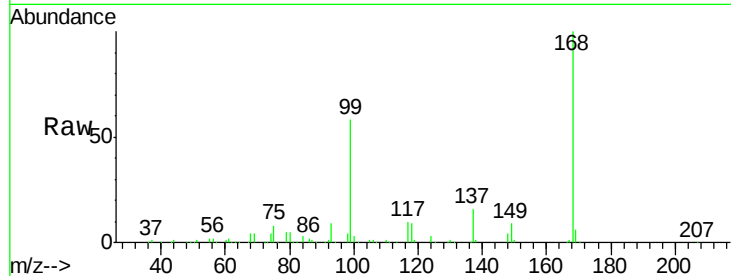
MH-121.5T-20201119

Tot Ion:168 Resp: 303263

Ion Ratio Lower Upper

168 100

99 58.4 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

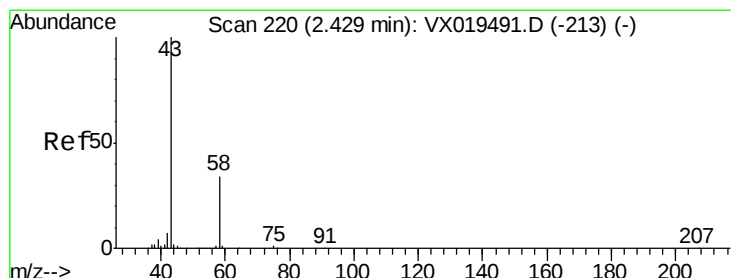
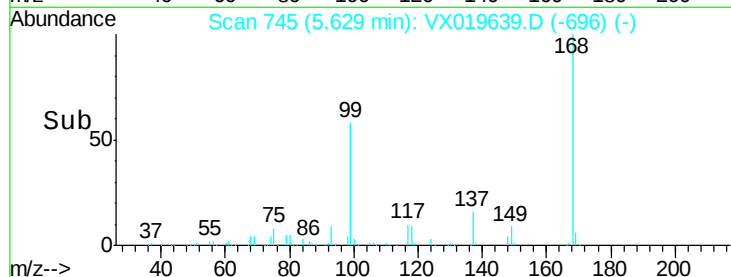
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.619 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019639.D

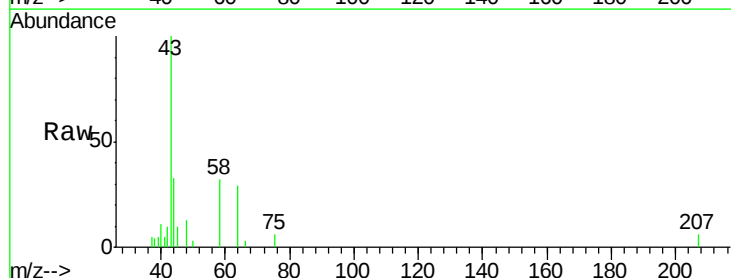
Acq: 25 Nov 2020 05:05

Tgt Ion: 43 Resp: 3983

Ion Ratio Lower Upper

43 100

58 32.5 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

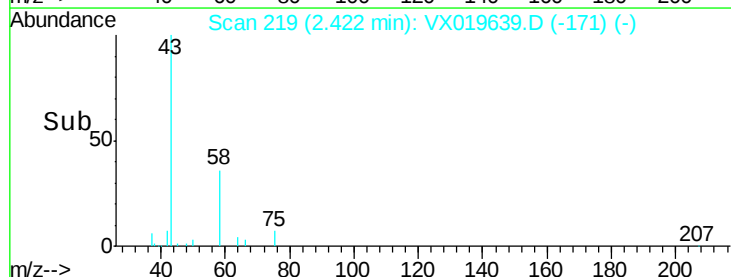
1500

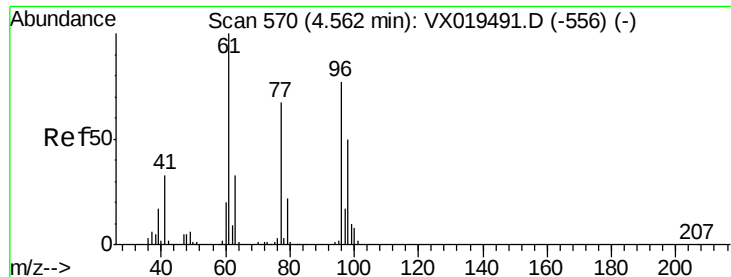
1000

500

0

Time-->



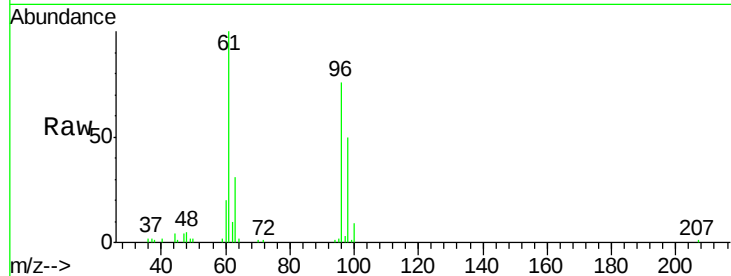


#27

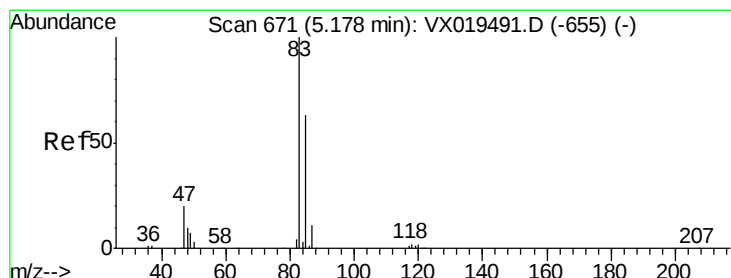
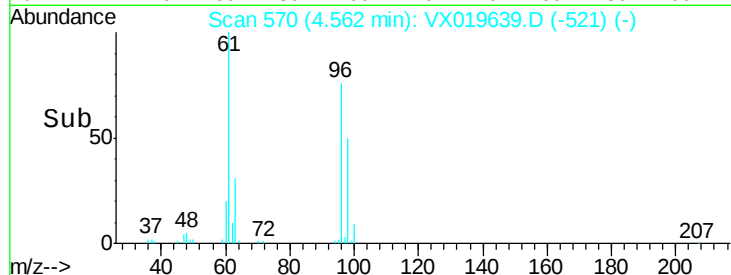
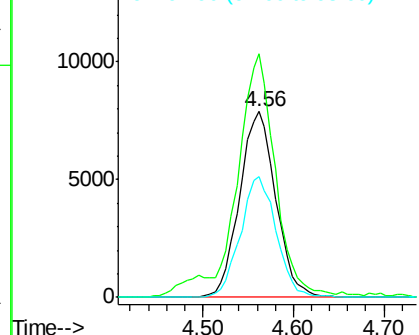
cis-1,2-Dichloroethene
 Concen: 5.566 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019639.D
 Acq: 25 Nov 2020 05:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-121.5T-20201119

Tot Ion: 96 Resp: 21810
 Ion Ratio Lower Upper
 96 100
 61 127.0 0.0 279.2
 98 64.3 0.0 129.8



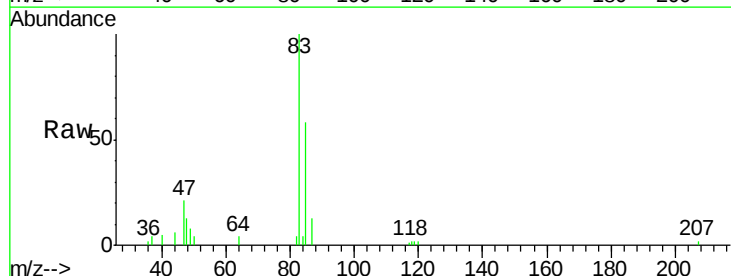
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



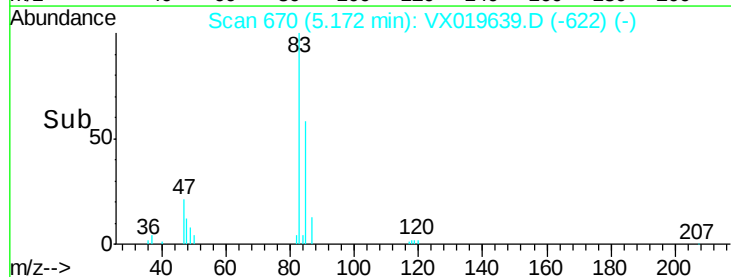
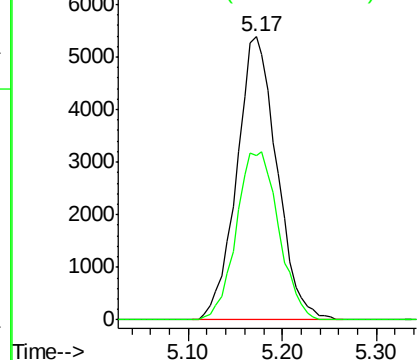
#30

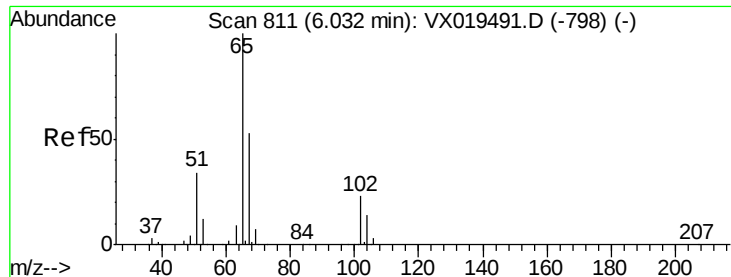
Chloroform
 Concen: 2.568 ug/l
 RT: 5.17 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: VX019639.D
 Acq: 25 Nov 2020 05:05

Tgt Ion: 83 Resp: 16028
 Ion Ratio Lower Upper
 83 100
 85 58.2 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: 47.772 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019639.D

Acq: 25 Nov 2020 05:05

Instrument :

MSVOA_X

ClientSampleId :

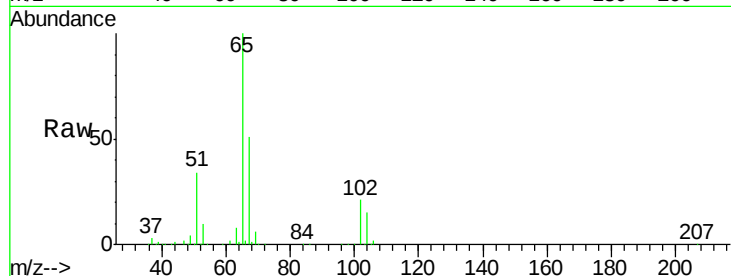
MH-121.5T-20201119

Tot Ion: 65 Resp: 187843

Ion Ratio Lower Upper

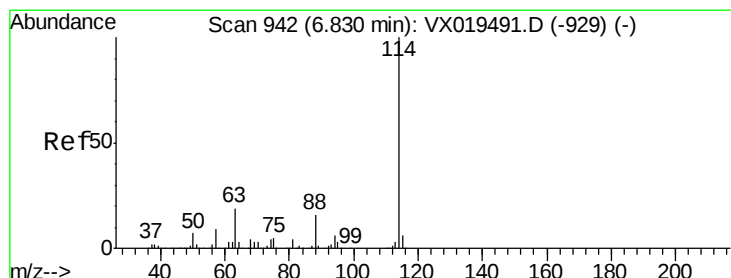
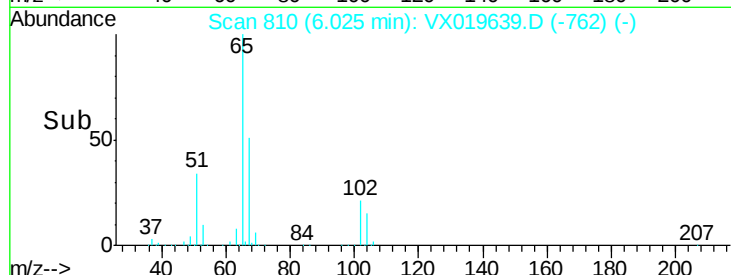
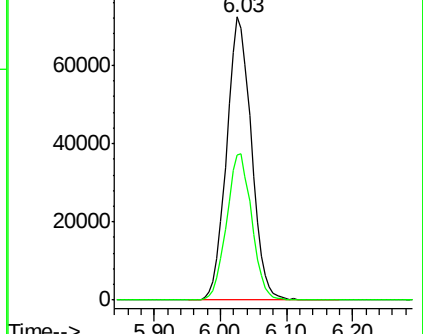
65 100

67 52.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019639.D

Acq: 25 Nov 2020 05:05

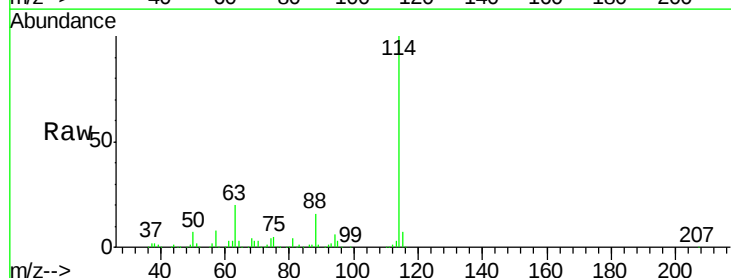
Tgt Ion: 114 Resp: 498469

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

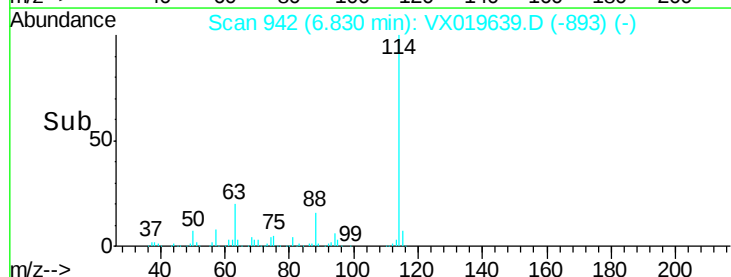
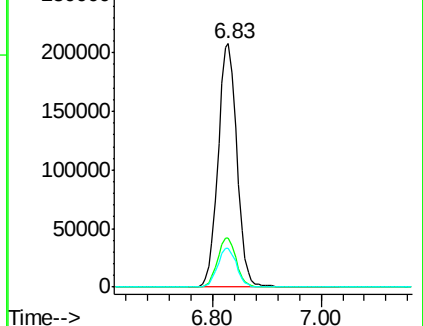
88 15.9 0.0 31.6

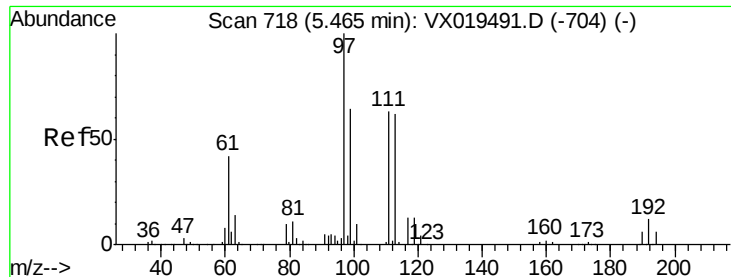


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.467 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019639.D

Acq: 25 Nov 2020 05:05

Instrument :

MSVOA_X

ClientSampleId :

MH-121.5T-20201119

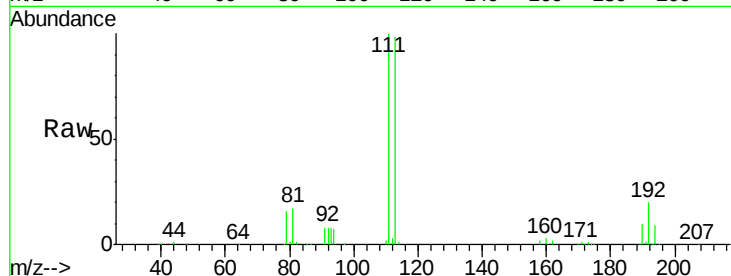
Tot Ion:113 Resp: 148520

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

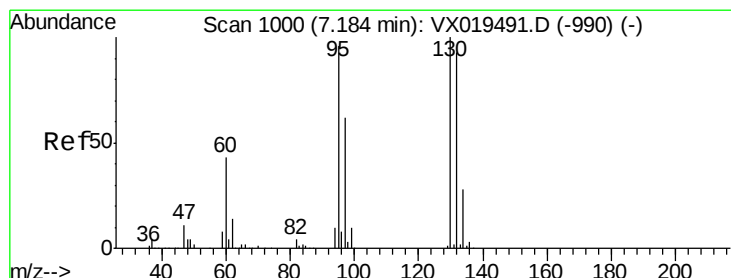
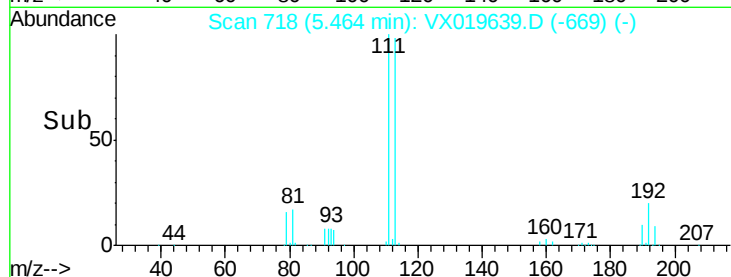
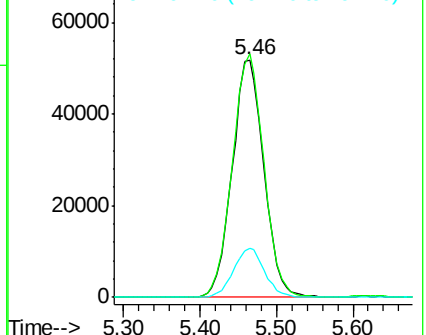
192 20.1 16.2 24.2



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: 2.504 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019639.D

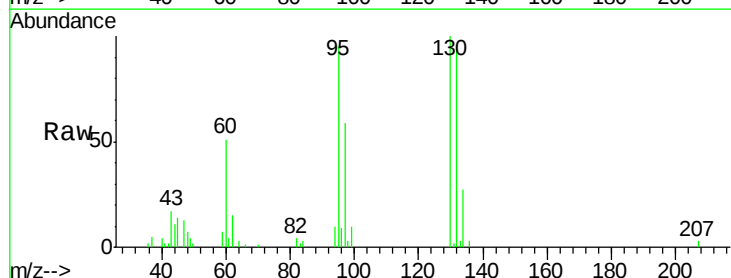
Acq: 25 Nov 2020 05:05

Tgt Ion:130 Resp: 9417

Ion Ratio Lower Upper

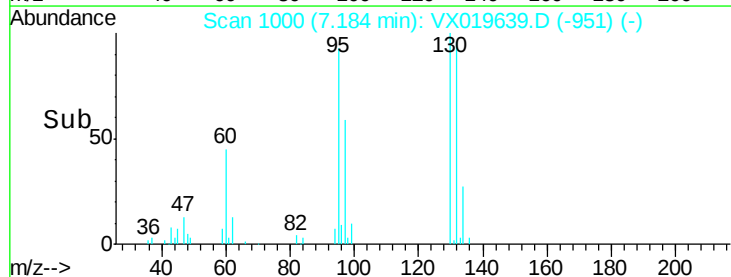
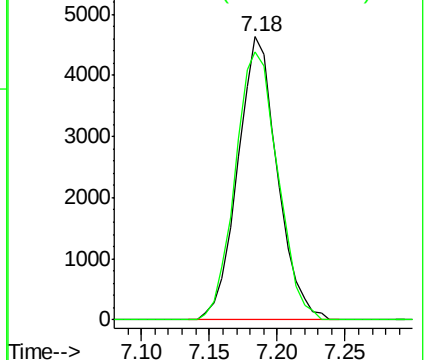
130 100

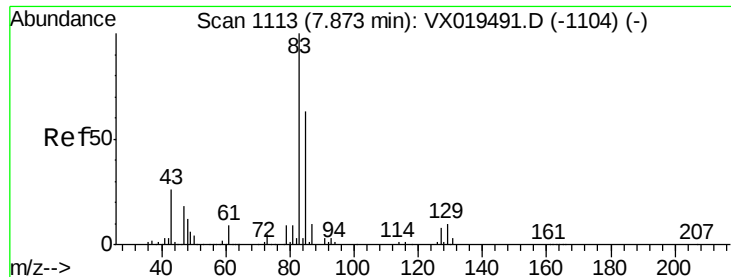
95 94.8 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#47

Bromodichloromethane

Concen: 0.956 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019639.D

Acq: 25 Nov 2020 05:05

Instrument :

MSVOA_X

ClientSampleId :

MH-121.5T-20201119

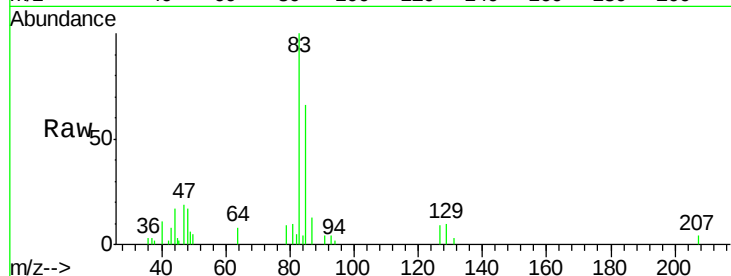
Tot Ion: 83 Resp: 4489

Ion Ratio Lower Upper

83 100

85 66.4 50.2 75.2

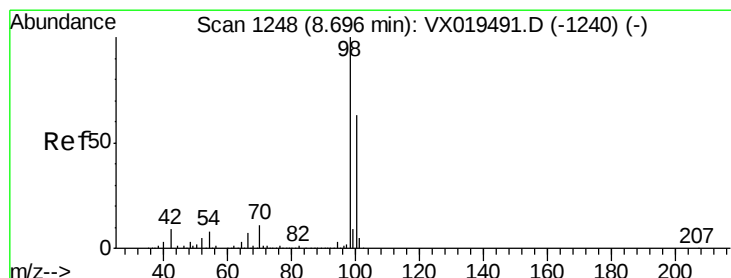
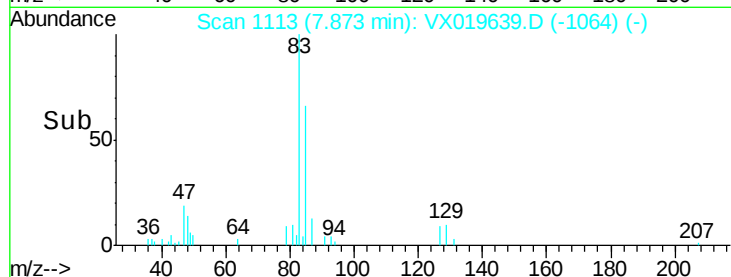
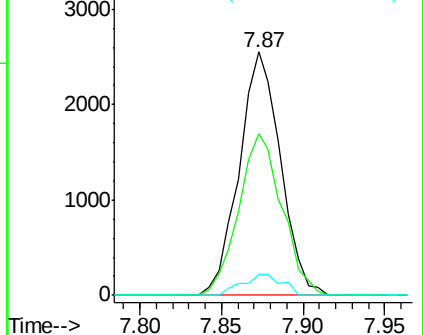
127 8.7 6.4 9.6



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: 49.022 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019639.D

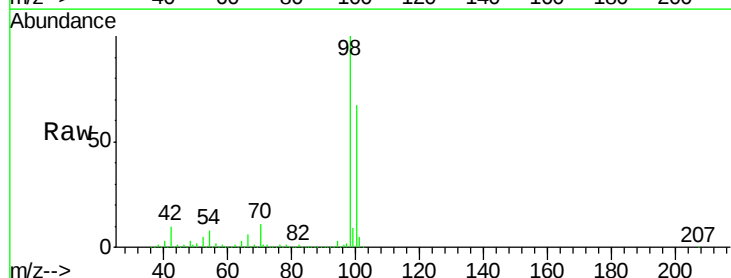
Acq: 25 Nov 2020 05:05

Tgt Ion: 98 Resp: 596041

Ion Ratio Lower Upper

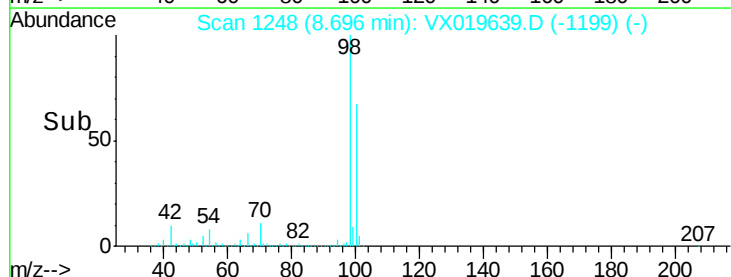
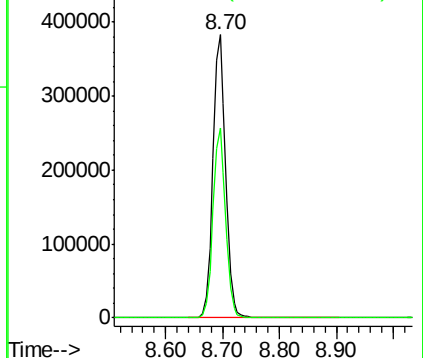
98 100

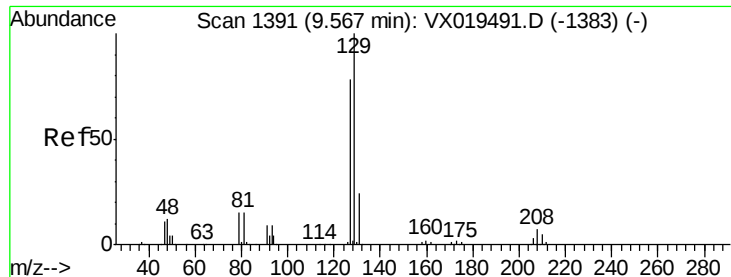
100 67.0 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#60

Dibromochloromethane

Concen: 0.564 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX019639.D

Acq: 25 Nov 2020 05:05

Instrument :

MSVOA_X

ClientSampleId :

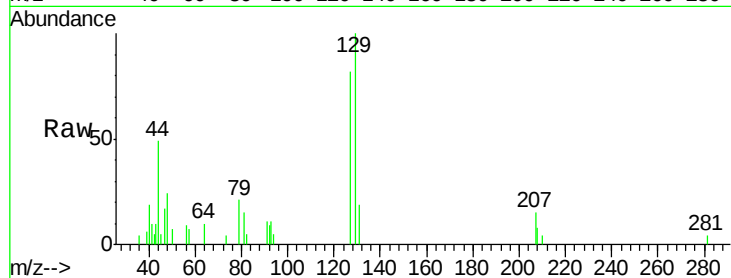
MH-121.5T-20201119

Tot Ion:129 Resp: 1976

Ion Ratio Lower Upper

129 100

127 73.4 39.0 116.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.56

1500

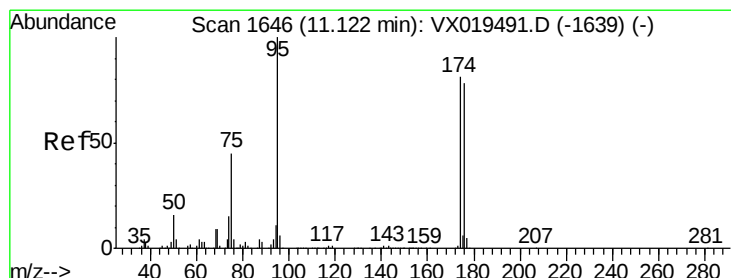
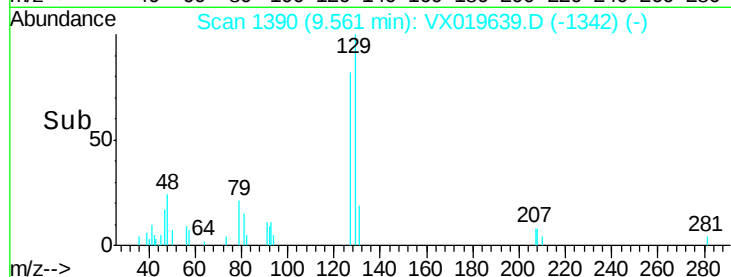
1000

500

0

9.50 9.55 9.60

Time-->



#62

4-Bromofluorobenzene

Concen: 47.177 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019639.D

Acq: 25 Nov 2020 05:05

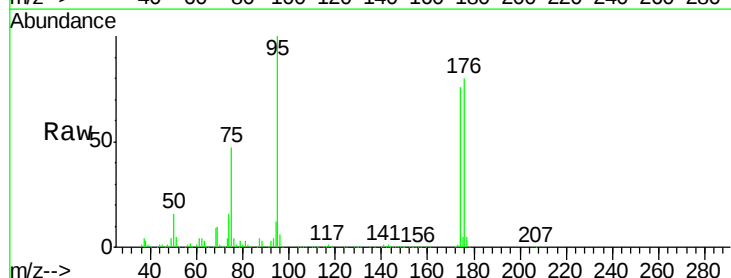
Tgt Ion: 95 Resp: 206377

Ion Ratio Lower Upper

95 100

174 75.4 0.0 156.2

176 77.2 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

200000

150000

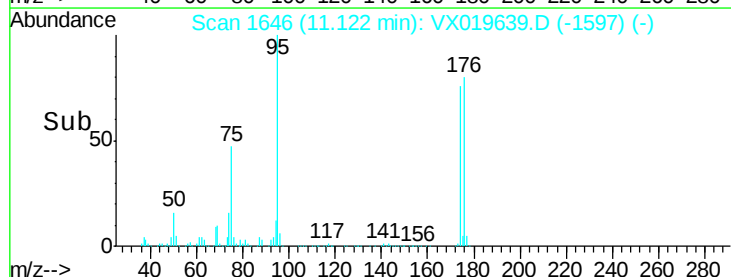
100000

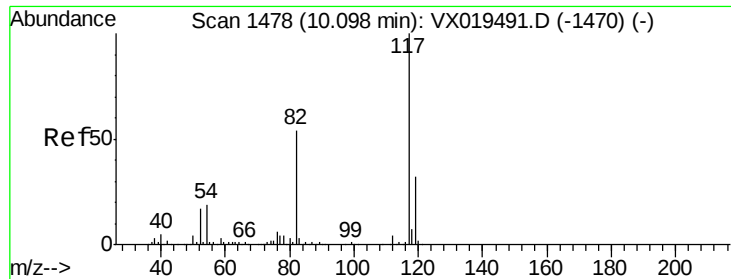
50000

0

11.10 11.12

Time-->

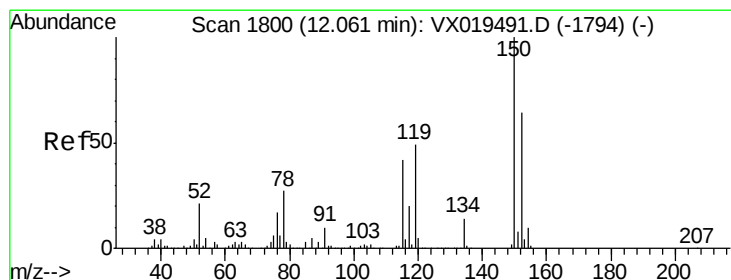
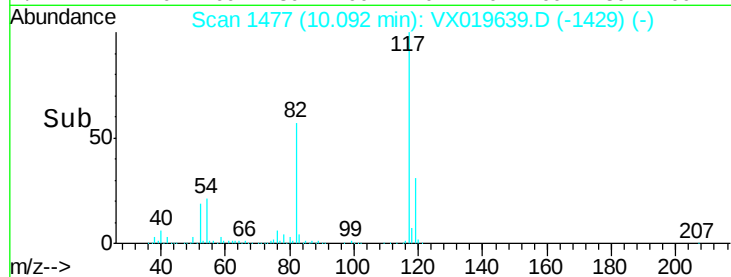
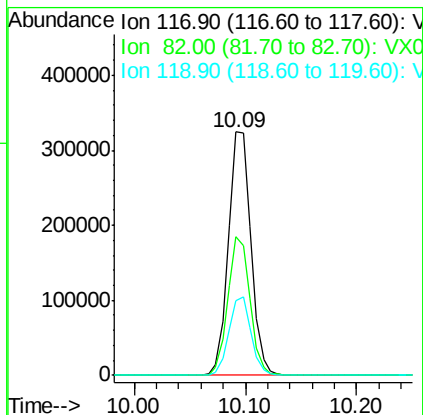
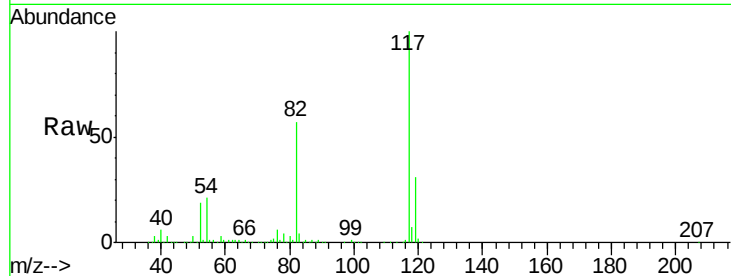




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019639.D
Acq: 25 Nov 2020 05:05

Instrument :
MSVOA_X
ClientSampleId :
MH-121.5T-20201119

Tot Ion:117 Resp: 456101
Ion Ratio Lower Upper
117 100
82 57.0 43.0 64.4
119 30.7 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: VX019639.D
Acq: 25 Nov 2020 05:05

Tgt Ion:152 Resp: 182298
Ion Ratio Lower Upper
152 100
115 61.0 41.8 125.4
150 159.7 0.0 348.2

