

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018139.D
 Acq On : 31 Aug 2020 11:58
 Operator : JC/SP
 Sample : VX0831WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBL01

Quant Time: Sep 01 05:56:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	594399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	972684	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	866161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	405764	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	393211	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
35) Dibromofluoromethane	5.46	113	319158	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	8.70	98	1160533	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
62) 4-Bromofluorobenzene	11.12	95	421560	43.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.86%	

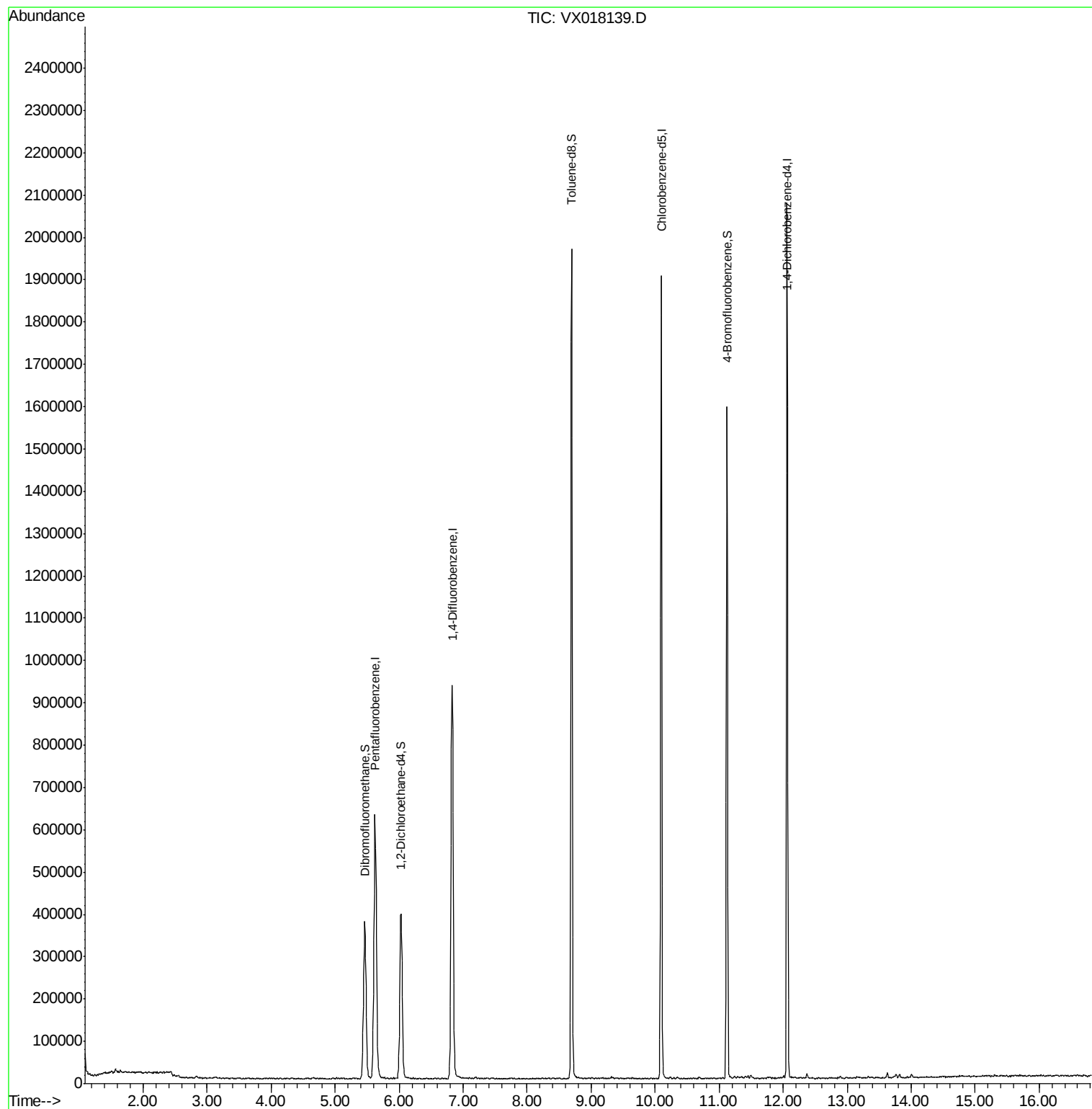
Target Compounds	Qvalue
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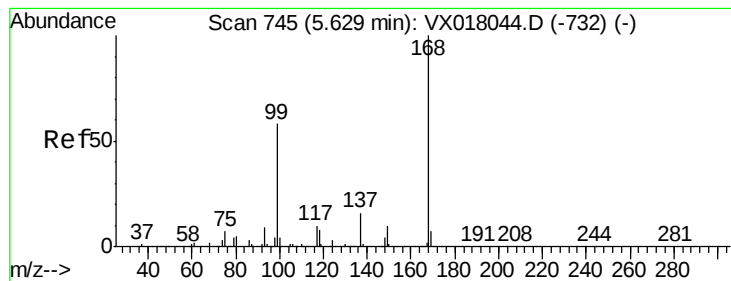
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018139.D

Acq: 31 Aug 2020 11:58

Instrument :

MSVOA_X

ClientSampleId :

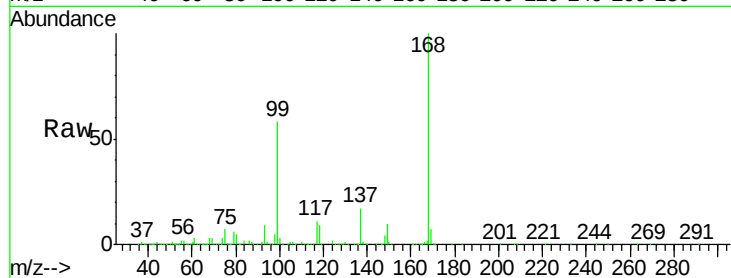
VX0831WBL01

Tot Ion:168 Resp: 594399

Ion Ratio Lower Upper

168 100

99 58.0 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

200000

150000

100000

50000

0

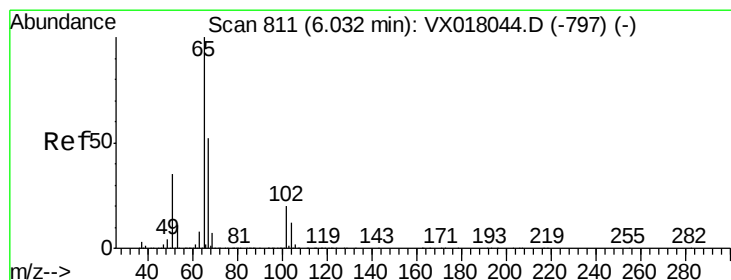
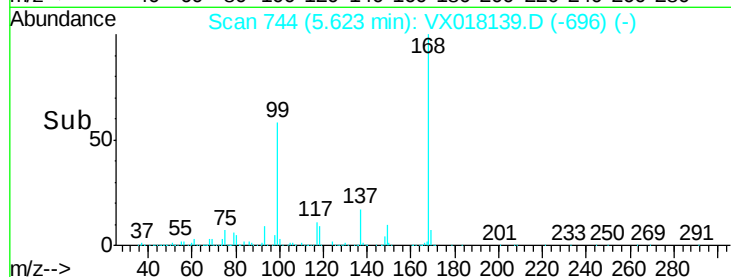
Time-->

5.50

5.60

5.70

5.80



#33

1,2-Dichloroethane-d4

Concen: 47.652 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018139.D

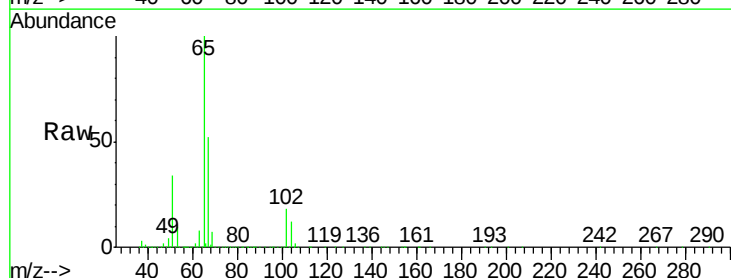
Acq: 31 Aug 2020 11:58

Tgt Ion: 65 Resp: 393211

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

100000

50000

0

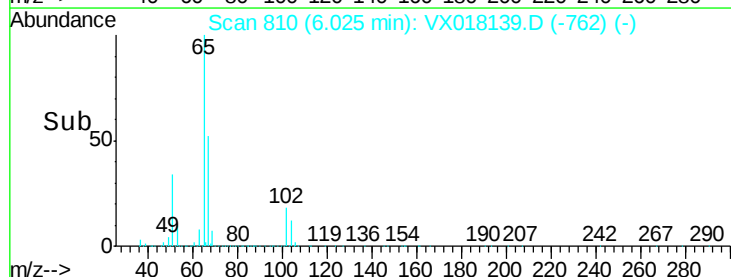
Time-->

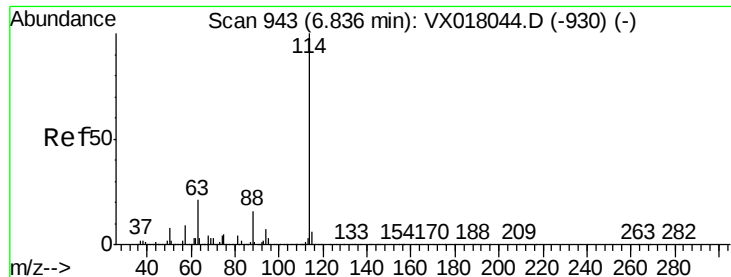
5.90

6.00

6.10

6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018139.D

Acq: 31 Aug 2020 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0831WBL01

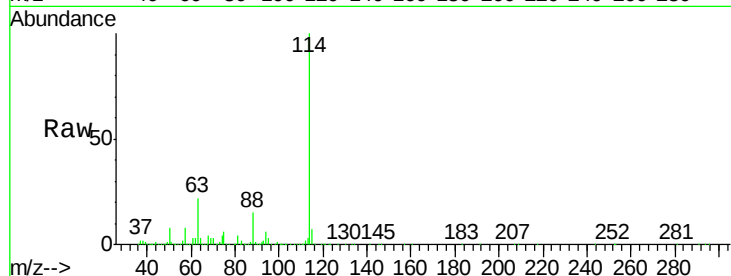
Tot Ion:114 Resp: 972684

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.6

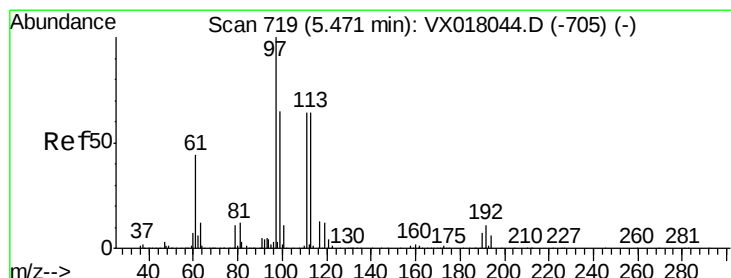
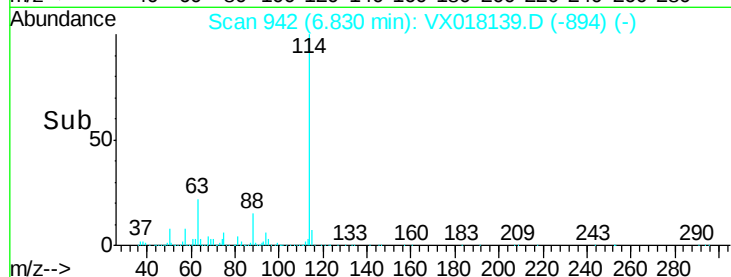
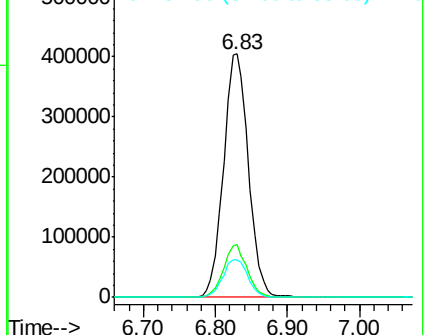
88 15.2 0.0 31.8



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: 48.179 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018139.D

Acq: 31 Aug 2020 11:58

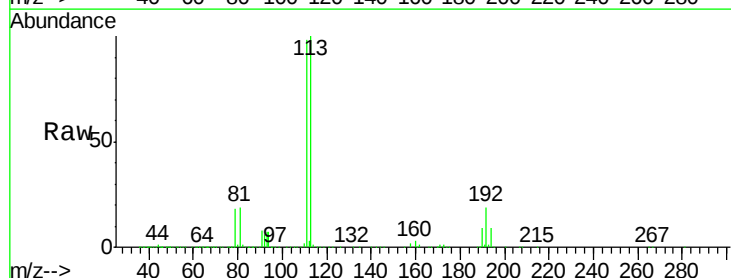
Tgt Ion:113 Resp: 319158

Ion Ratio Lower Upper

113 100

111 102.4 81.6 122.4

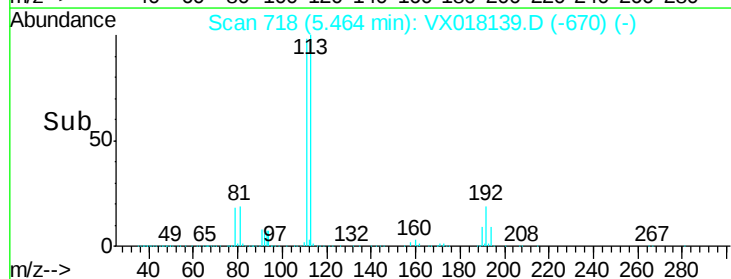
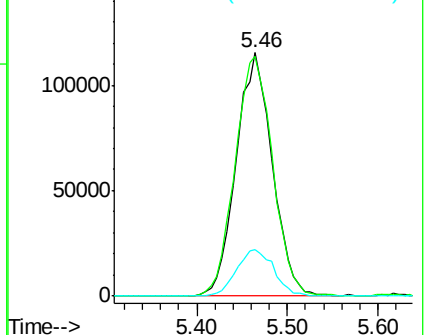
192 20.0 15.8 23.8

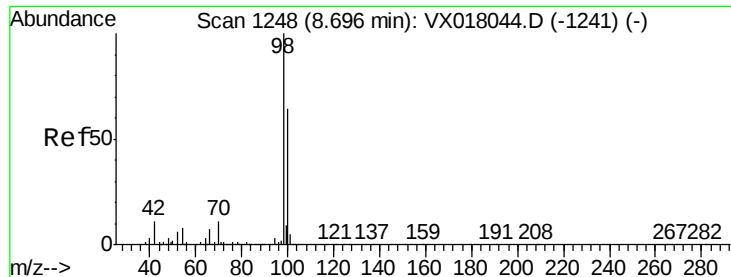


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.036 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018139.D

Acq: 31 Aug 2020 11:58

Instrument :

MSVOA_X

ClientSampleId :

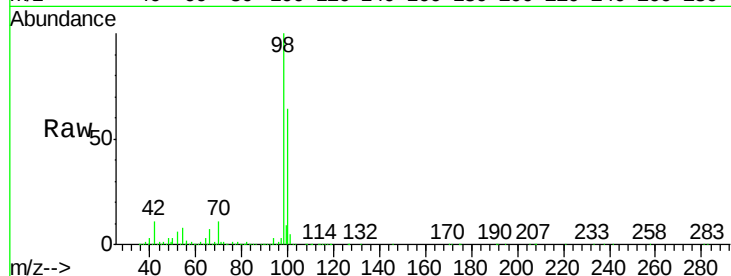
VX0831WBL01

Tot Ion: 98 Resp: 1160533

Ion Ratio Lower Upper

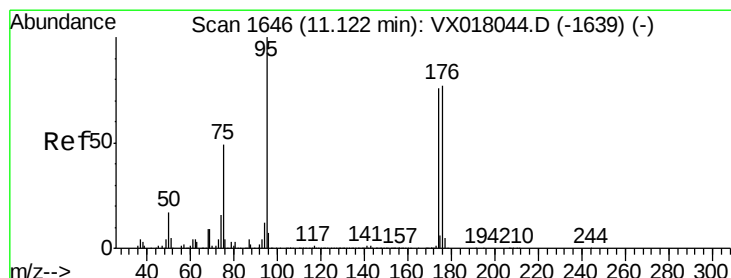
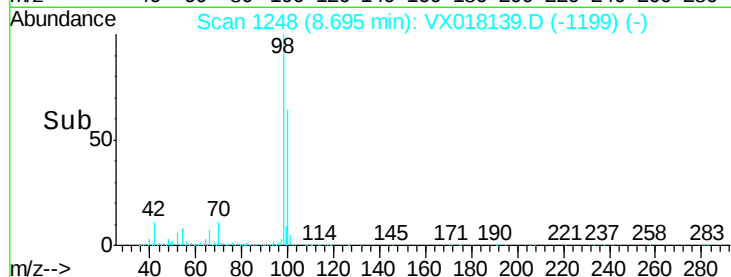
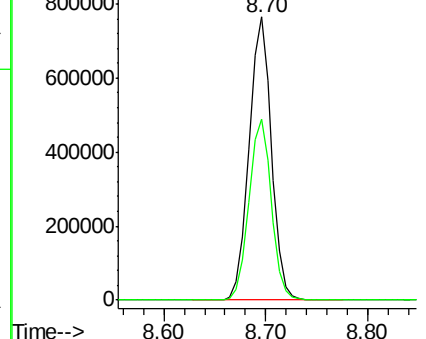
98 100

100 64.3 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.427 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018139.D

Acq: 31 Aug 2020 11:58

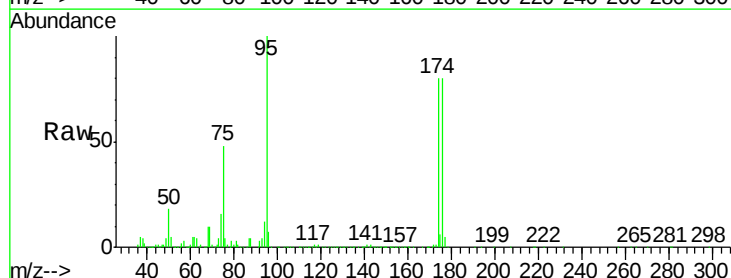
Tgt Ion: 95 Resp: 421560

Ion Ratio Lower Upper

95 100

174 78.6 0.0 160.2

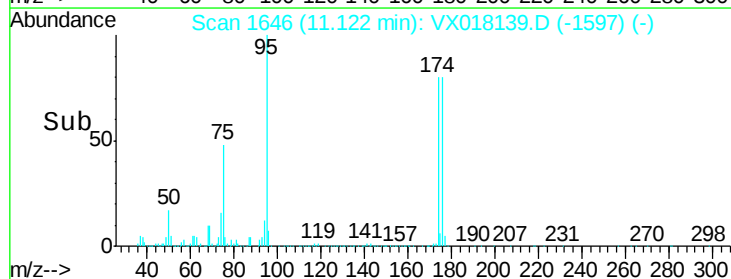
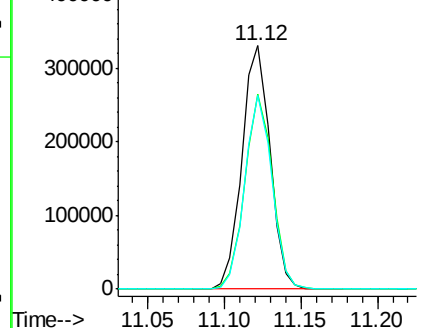
176 76.8 0.0 155.8

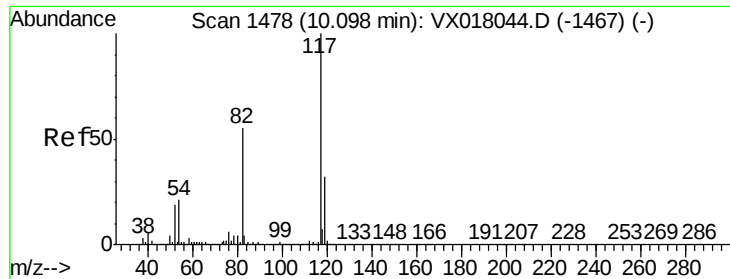


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

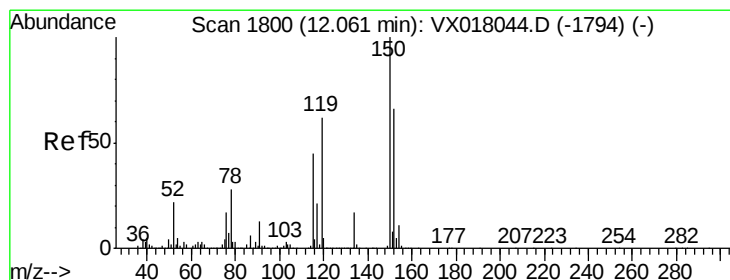
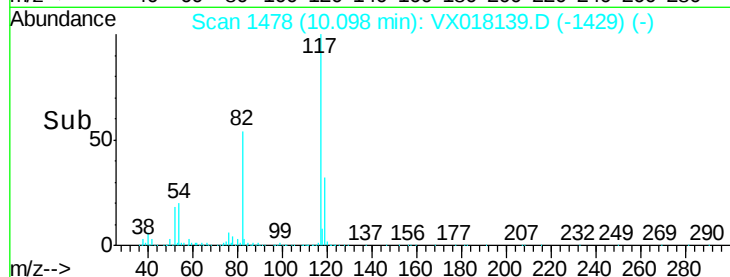
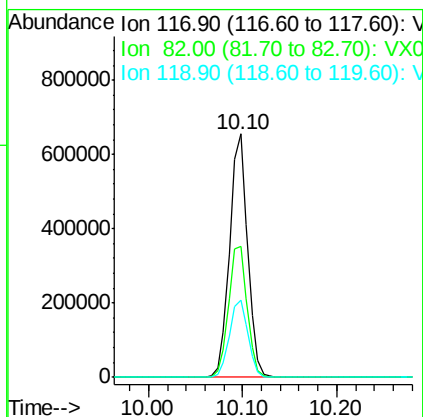
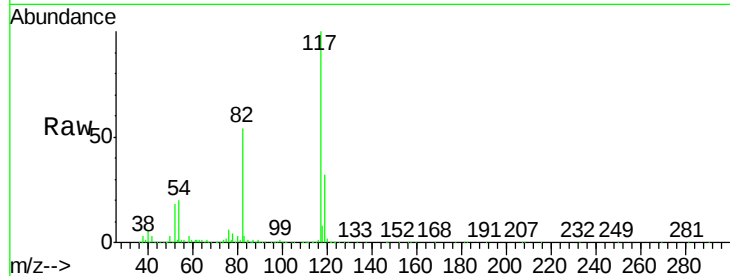




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018139.D
Acq: 31 Aug 2020 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0831WBL01

Tot Ion:117 Resp: 866161
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018139.D
Acq: 31 Aug 2020 11:58

Tgt Ion:152 Resp: 405764
Ion Ratio Lower Upper
152 100
115 59.7 41.5 124.5
150 158.1 0.0 343.8

