

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011982.D
 Acq On : 01 Sep 2019 06:49
 Operator : SY/SP
 Sample : K4527-08
 Misc : 2.41g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-N3-(0)

Quant Time: Sep 02 01:38:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	436194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	562790	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	457332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	183532	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	176259	42.18	ug/l	0.00
Spiked Amount			Recovery	=	84.36%	
35) Dibromofluoromethane	5.48	113	162972	45.16	ug/l	0.00
Spiked Amount			Recovery	=	90.32%	
50) Toluene-d8	8.71	98	625684	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	11.14	95	192794	34.07	ug/l	0.00
Spiked Amount			Recovery	=	68.14%	

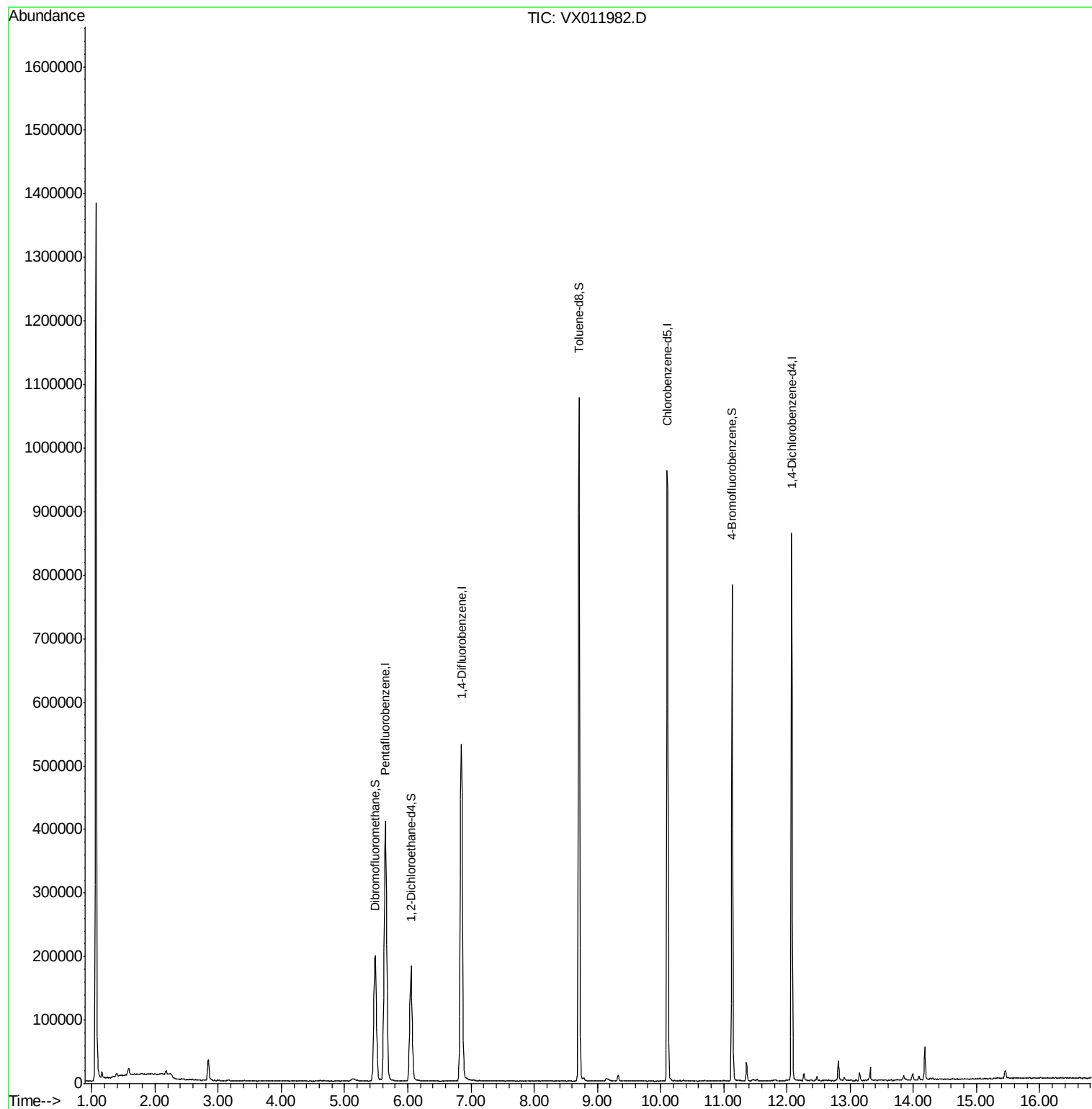
Target Compounds	Qvalue
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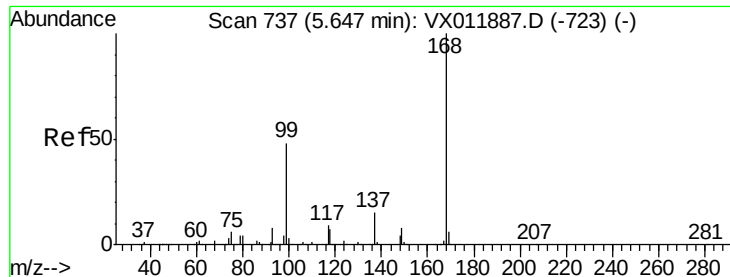
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX011982.D

Acq: 01 Sep 2019 06:49

Instrument :

MSVOA_X

ClientSampleId :

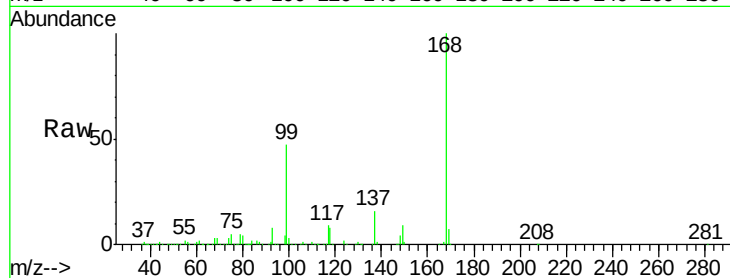
T9-12-13-N3-(0)

Tot Ion:168 Resp: 436194

Ion Ratio Lower Upper

168 100

99 46.7 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

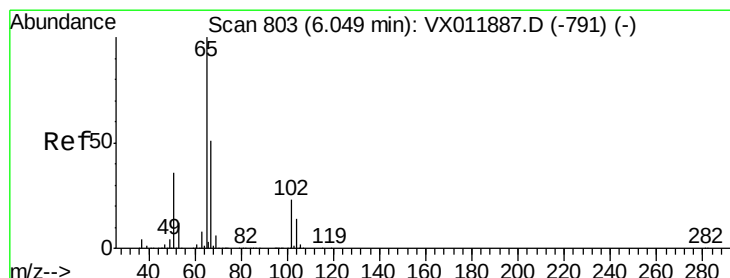
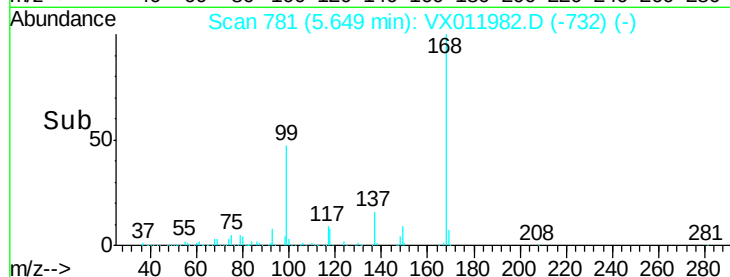
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 42.176 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.00 min

Lab File: VX011982.D

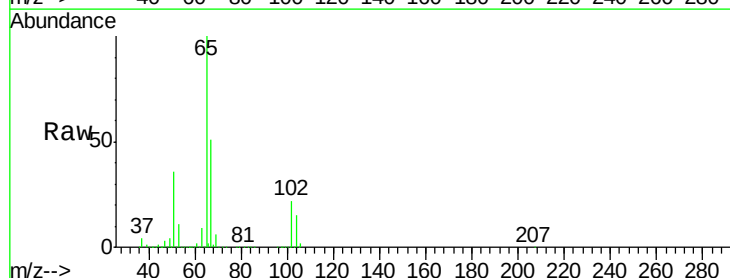
Acq: 01 Sep 2019 06:49

Tgt Ion: 65 Resp: 176259

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

60000

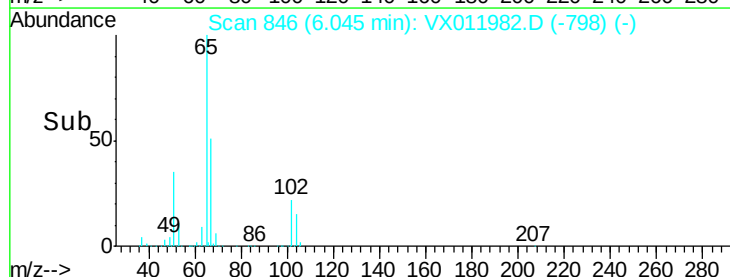
40000

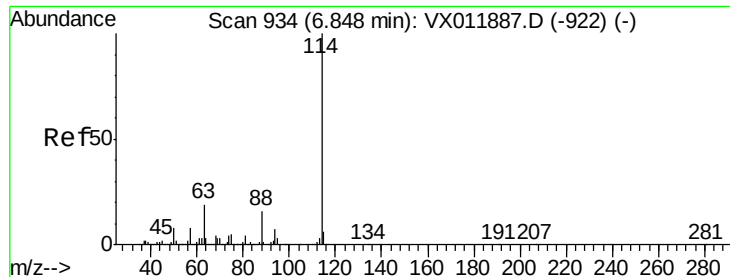
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX011882.D

Acq: 01 Sep 2019 06:49

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-N3-(0)

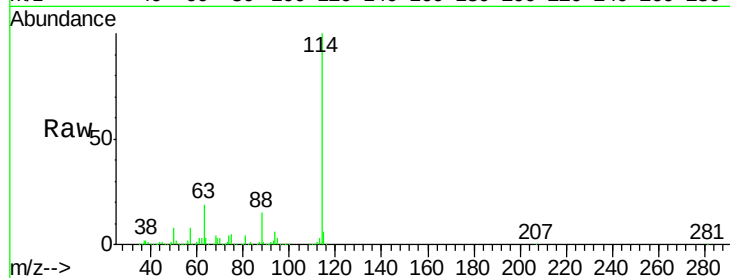
Tot Ion:114 Resp: 562790

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.8

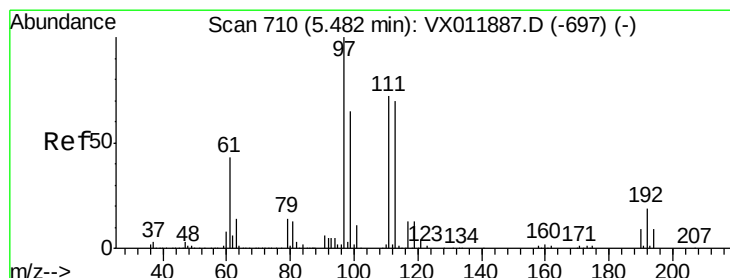
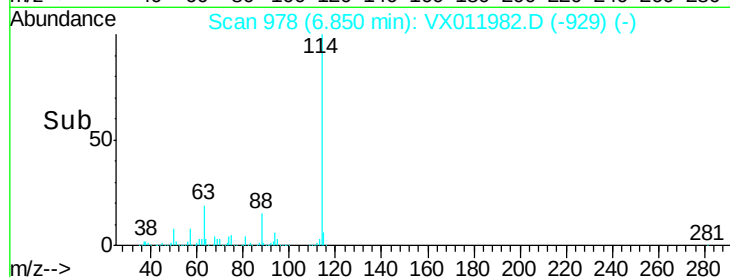
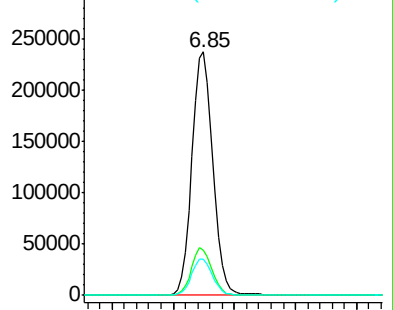
88 15.1 0.0 31.2



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: 45.159 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011982.D

Acq: 01 Sep 2019 06:49

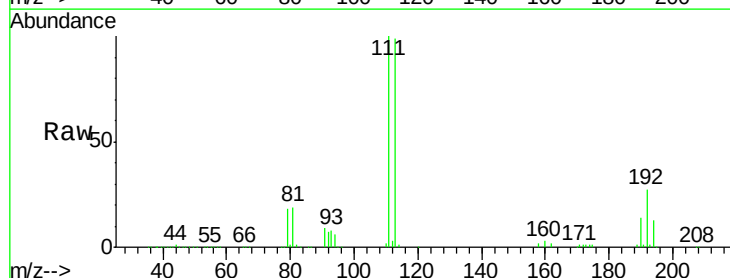
Tgt Ion:113 Resp: 162972

Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

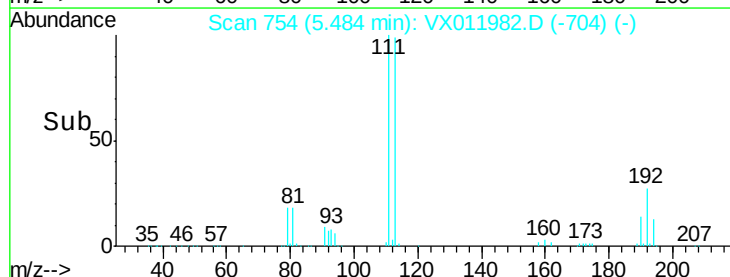
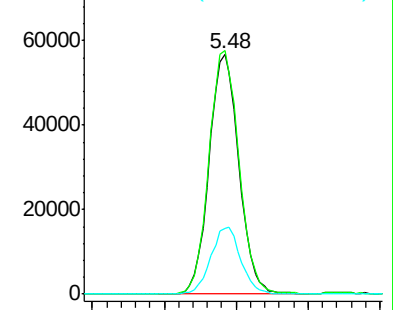
192 28.0 21.5 32.3

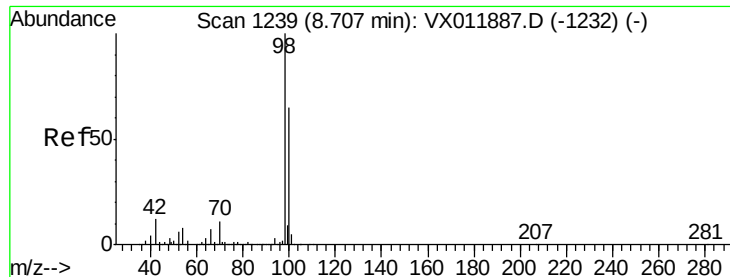


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.501 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX011982.D

Acq: 01 Sep 2019 06:49

Instrument :

MSVOA_X

ClientSampleId :

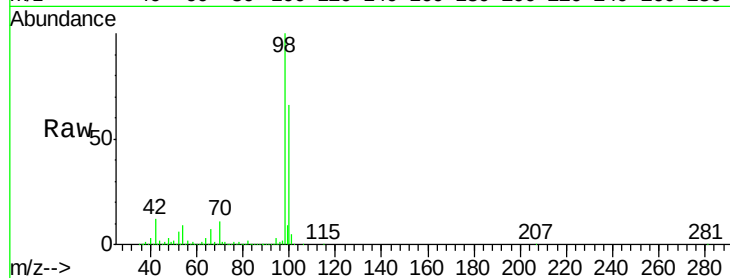
T9-12-13-N3-(0)

Tot Ion: 98 Resp: 625684

Ion Ratio Lower Upper

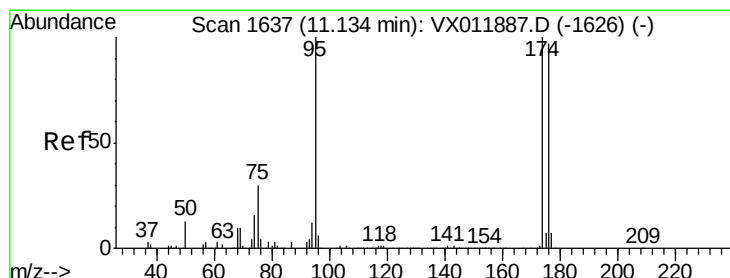
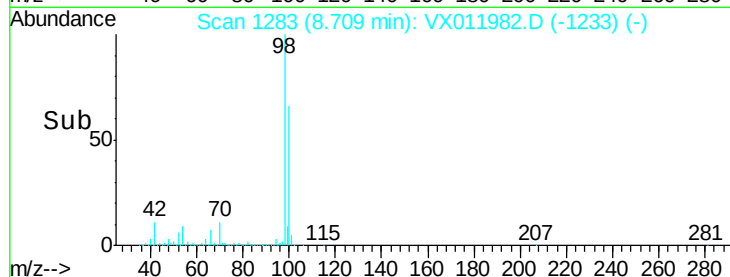
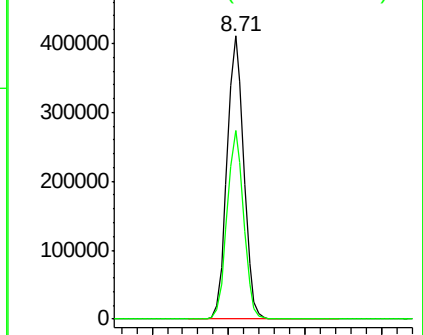
98 100

100 65.8 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 34.069 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011982.D

Acq: 01 Sep 2019 06:49

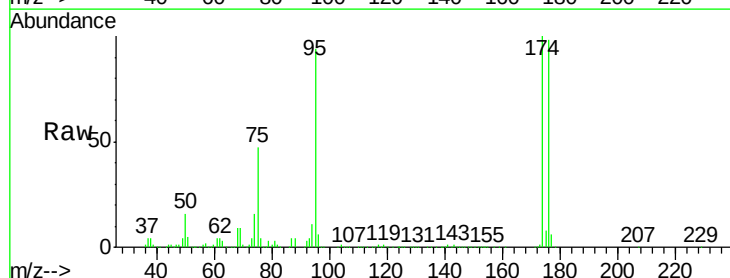
Tgt Ion: 95 Resp: 192794

Ion Ratio Lower Upper

95 100

174 102.1 0.0 196.0

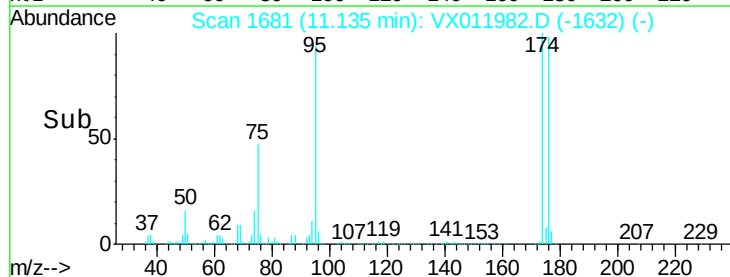
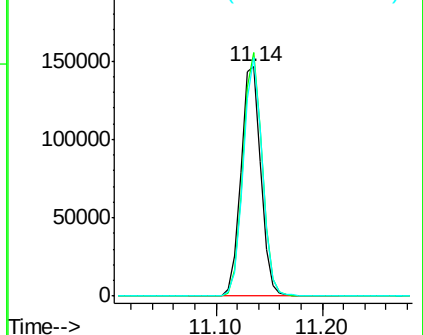
176 99.7 0.0 191.4

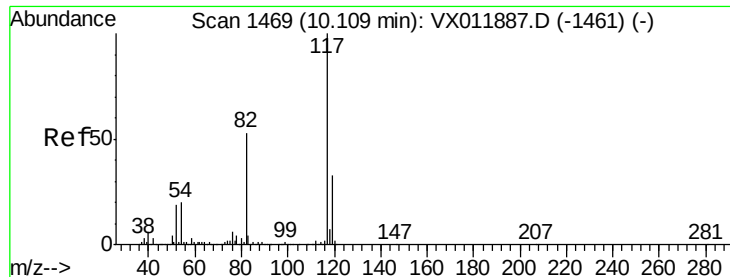


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

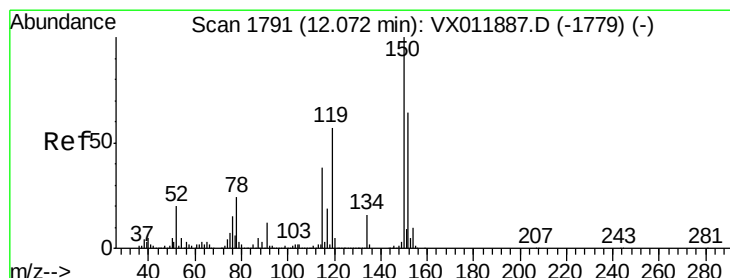
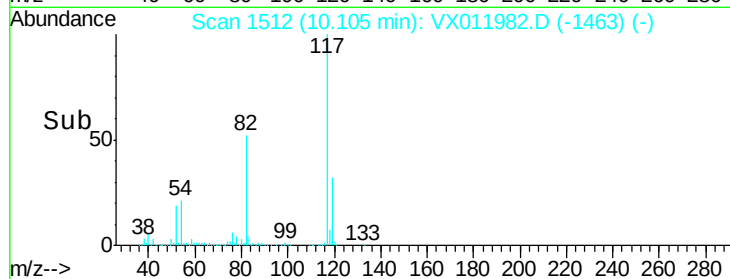
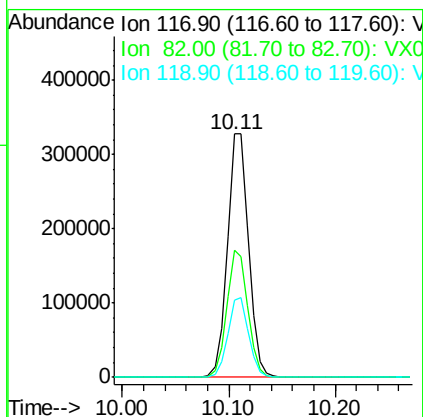
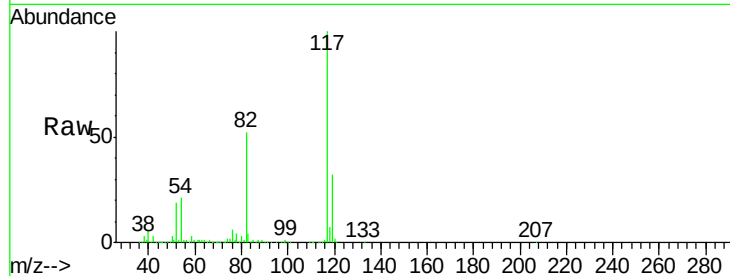




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.00 min
Lab File: VX011982.D
Acq: 01 Sep 2019 06:49

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-N3-(0)

Tot Ion:117 Resp: 457332
Ion Ratio Lower Upper
117 100
82 52.4 42.0 63.0
119 31.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011982.D
Acq: 01 Sep 2019 06:49

Tgt Ion:152 Resp: 183532
Ion Ratio Lower Upper
152 100
115 53.2 37.1 111.3
150 156.3 0.0 339.6

