

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011978.D
 Acq On : 01 Sep 2019 04:57
 Operator : SY/SP
 Sample : K4527-03
 Misc : 5.43g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Sep 01 06:26:55 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

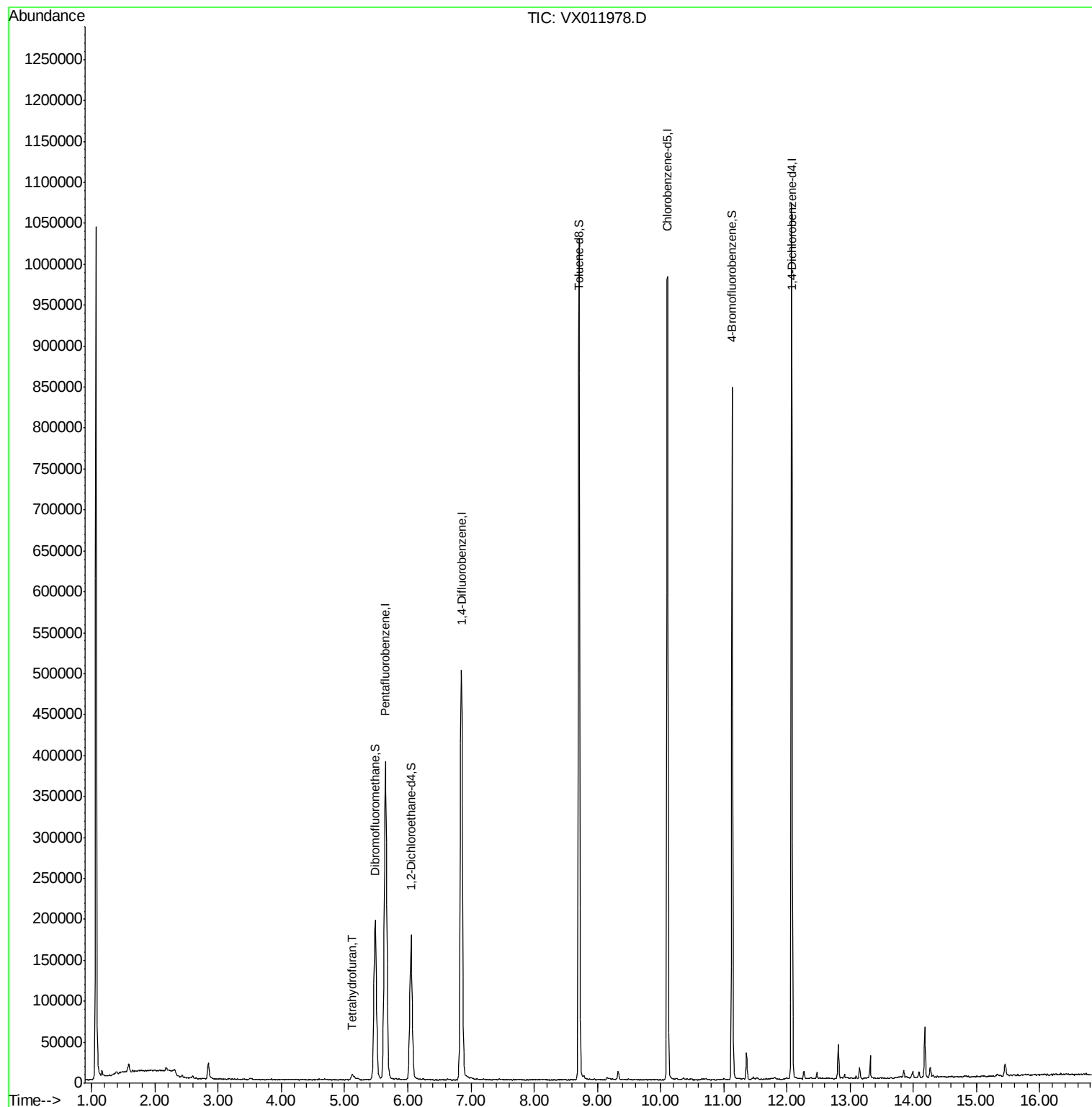
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	412084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	530970	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	466486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	225090	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	169347	42.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.78%	
35) Dibromofluoromethane	5.48	113	156468	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	
50) Toluene-d8	8.71	98	598096	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.14	95	213028	39.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.80%	
Target Compounds						
29) Tetrahydrofuran	5.12	42	6002	7.772	ug/l #	Qvalue 93

(#) = 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: VX011978.D

Acq: 01 Sep 2019 04:57

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ClientSampleId :

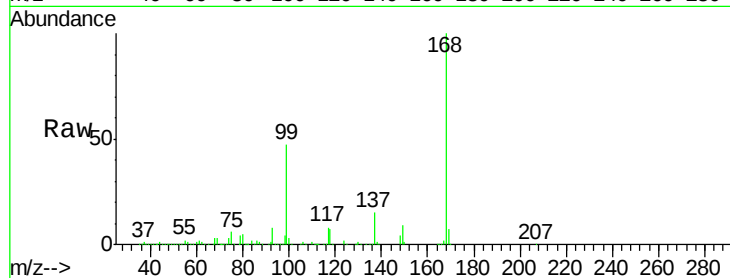
T9-12-13-M-(0)

Tot Ion:168 Resp: 412084

Ion Ratio Lower Upper

168 100

99 46.5 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

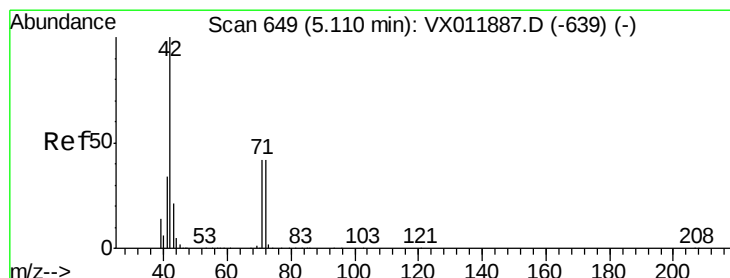
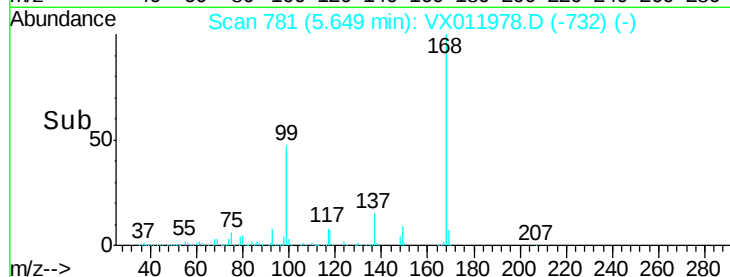
150000

100000

50000

0

Time-->



#29

Tetrahydrofuran

Concen: 7.772 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX011978.D

Acq: 01 Sep 2019 04:57

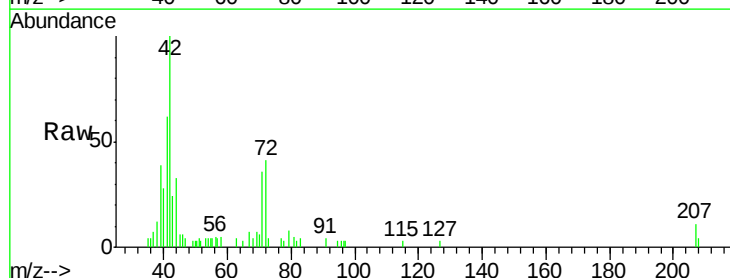
Tgt Ion: 42 Resp: 6002

Ion Ratio Lower Upper

42 100

72 45.5 36.2 54.4

71 50.7 33.1 49.7#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

2500

2000

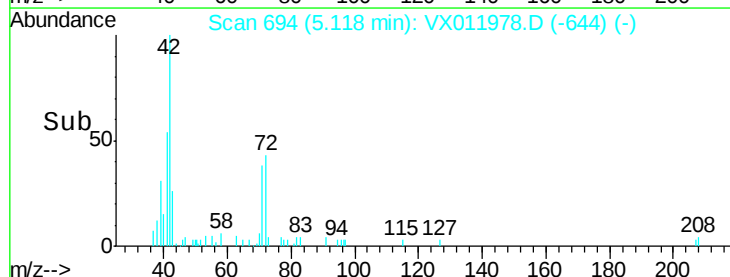
1500

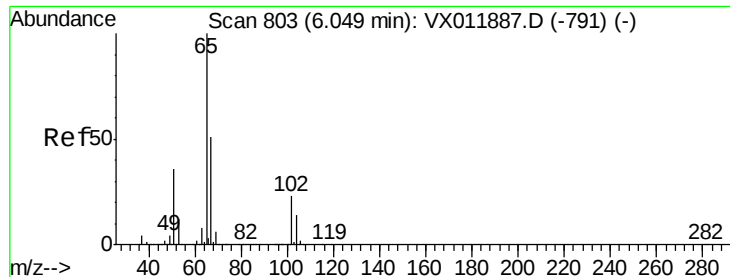
1000

500

0

Time-->

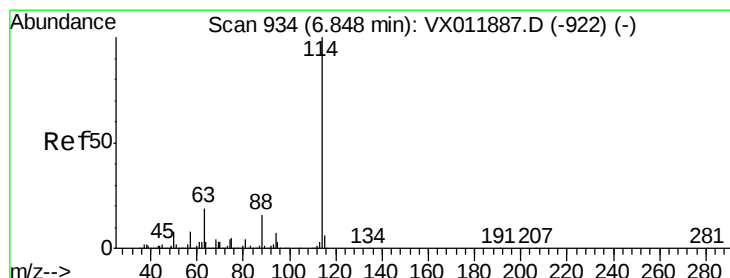
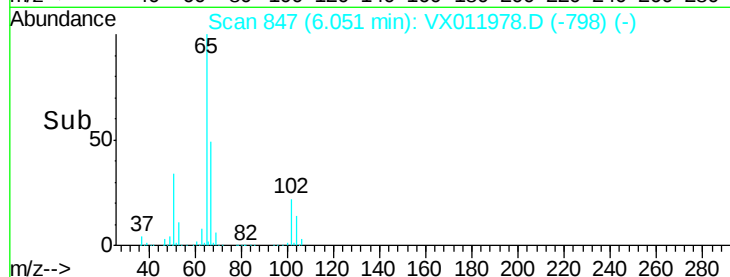
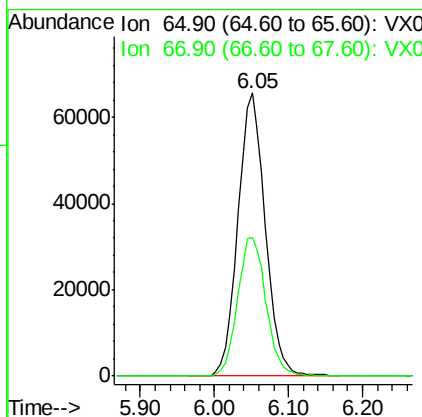
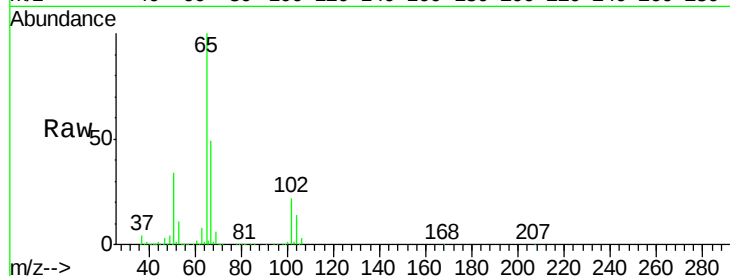




#33
 1,2-Dichloroethane-d4
 Concen: 42.892 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX011978.D
 Acq: 01 Sep 2019 04:57

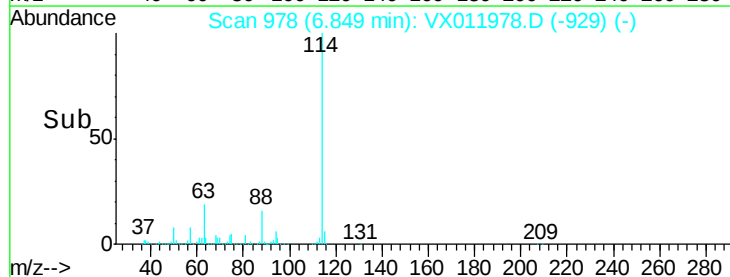
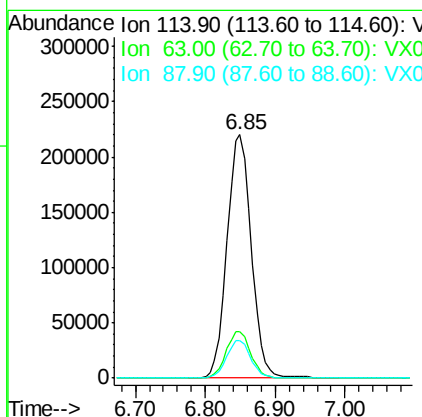
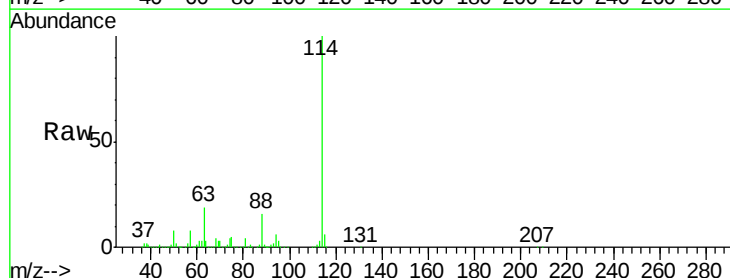
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-M-(0)

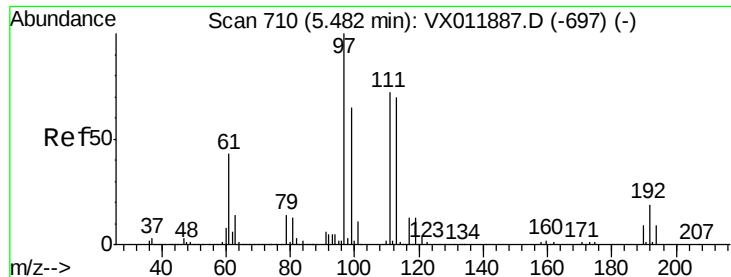
Tot Ion: 65 Resp: 169347
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011978.D
 Acq: 01 Sep 2019 04:57

Tgt Ion: 114 Resp: 530970
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.8
 88 15.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 45.955 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011978.D

Acq: 01 Sep 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-M-(0)

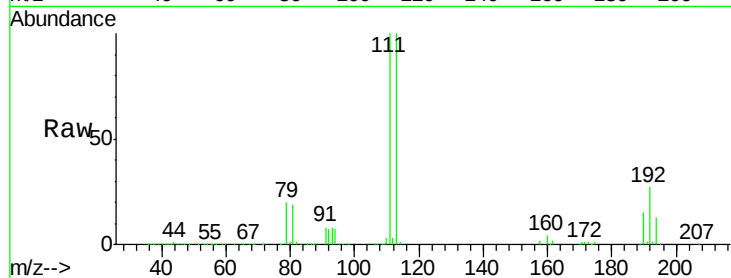
Tot Ion:113 Resp: 156468

Ion Ratio Lower Upper

113 100

111 102.5 82.1 123.1

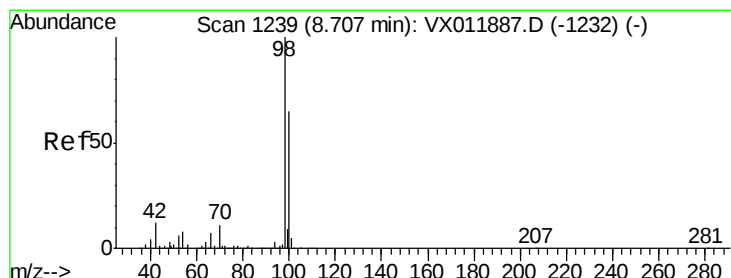
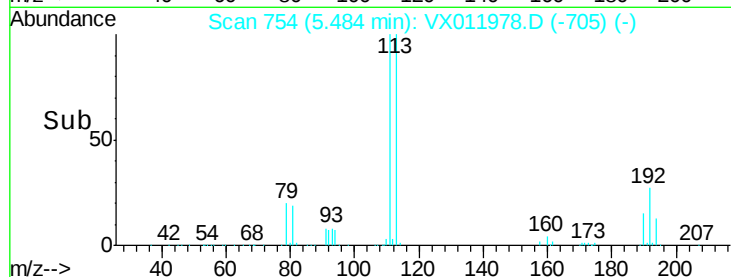
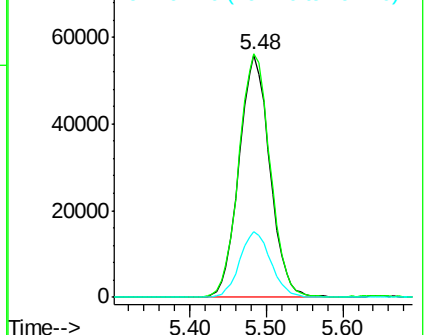
192 27.5 21.5 32.3



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: 49.141 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX011978.D

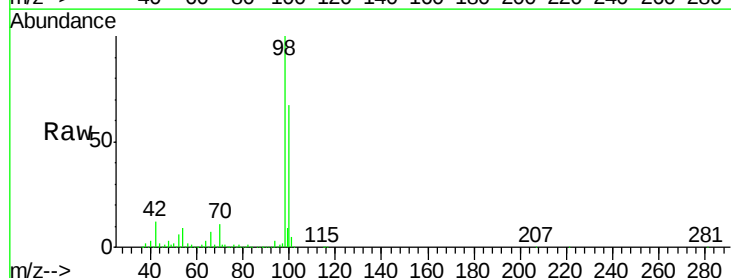
Acq: 01 Sep 2019 04:57

Tgt Ion: 98 Resp: 598096

Ion Ratio Lower Upper

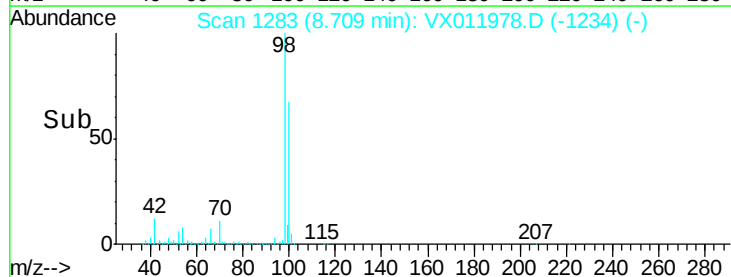
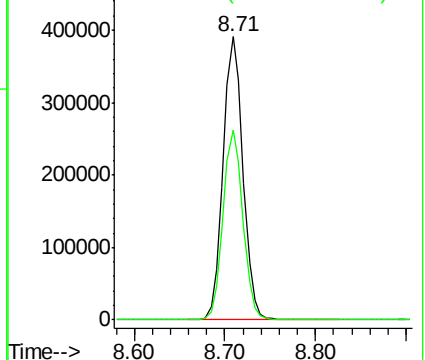
98 100

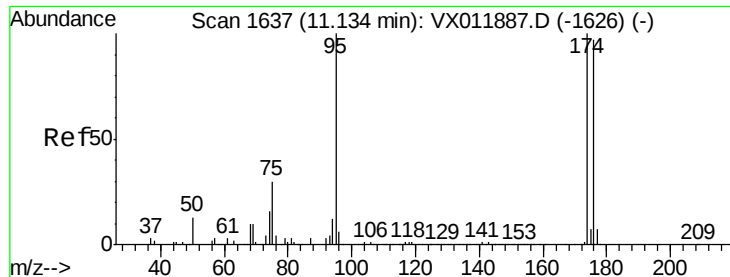
100 66.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

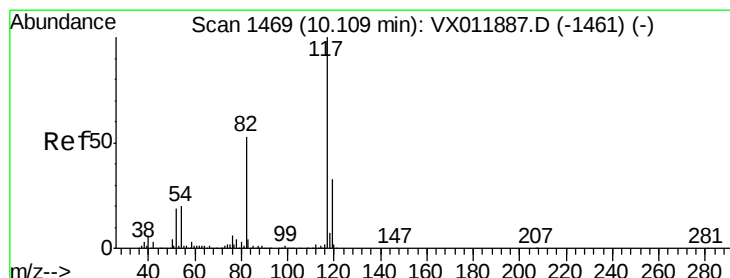
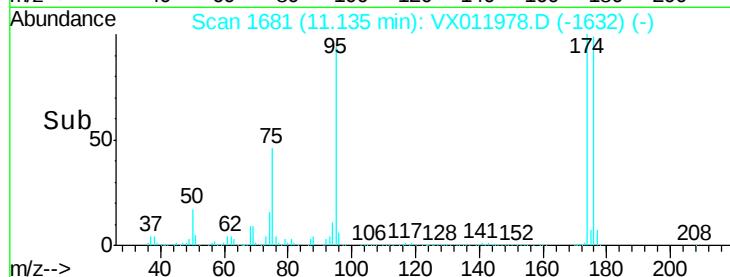
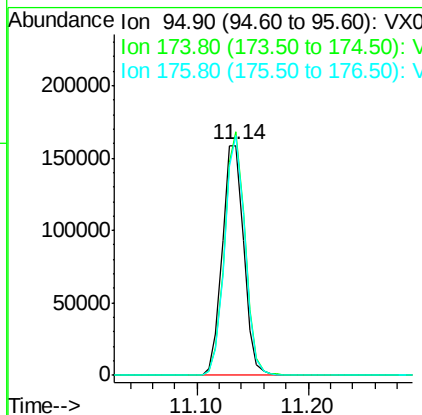
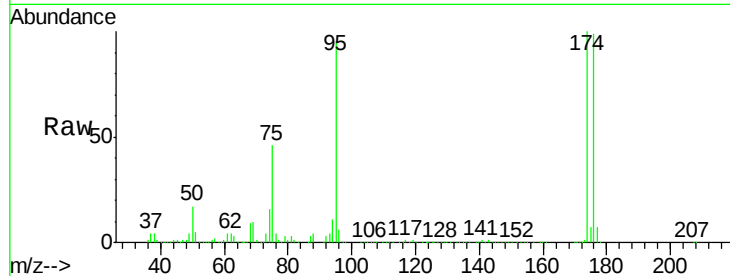




#62
4-Bromofluorobenzene
Concen: 39.900 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011978.D
Acq: 01 Sep 2019 04:57

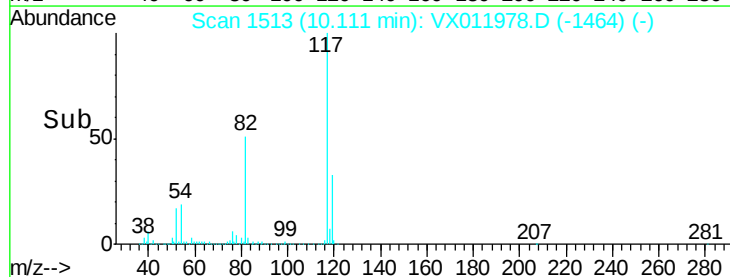
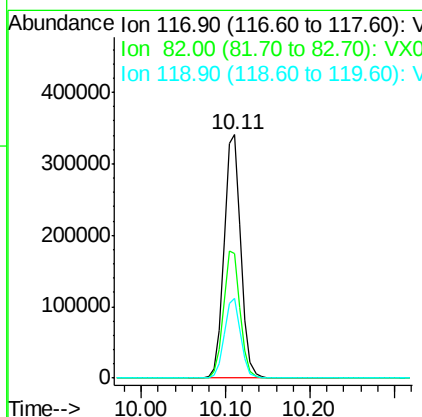
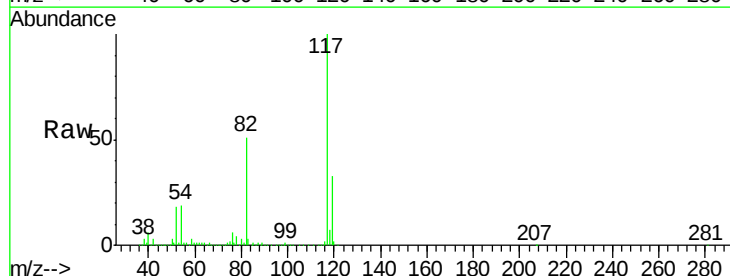
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-M-(0)

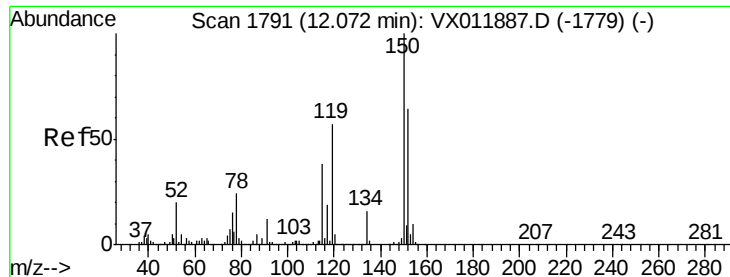
Tot Ion: 95 Resp: 213028
Ion Ratio Lower Upper
95 100
174 100.5 0.0 196.0
176 98.3 0.0 191.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011978.D
Acq: 01 Sep 2019 04:57

Tgt Ion: 117 Resp: 466486
Ion Ratio Lower Upper
117 100
82 51.3 42.0 63.0
119 32.8 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: VX011978.D

Acq: 01 Sep 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-M-(0)

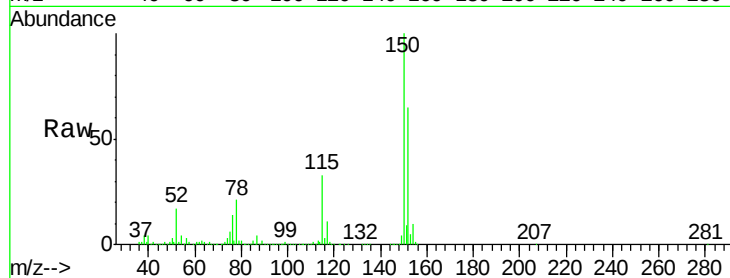
Tot Ion:152 Resp: 225090

Ion Ratio Lower Upper

152 100

115 52.8 37.1 111.3

150 155.8 0.0 339.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

