

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011977.D
 Acq On : 01 Sep 2019 04:29
 Operator : SY/SP
 Sample : K4527-01
 Misc : 3.46g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-L-(1.9)

Quant Time: Sep 01 06:21:47 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

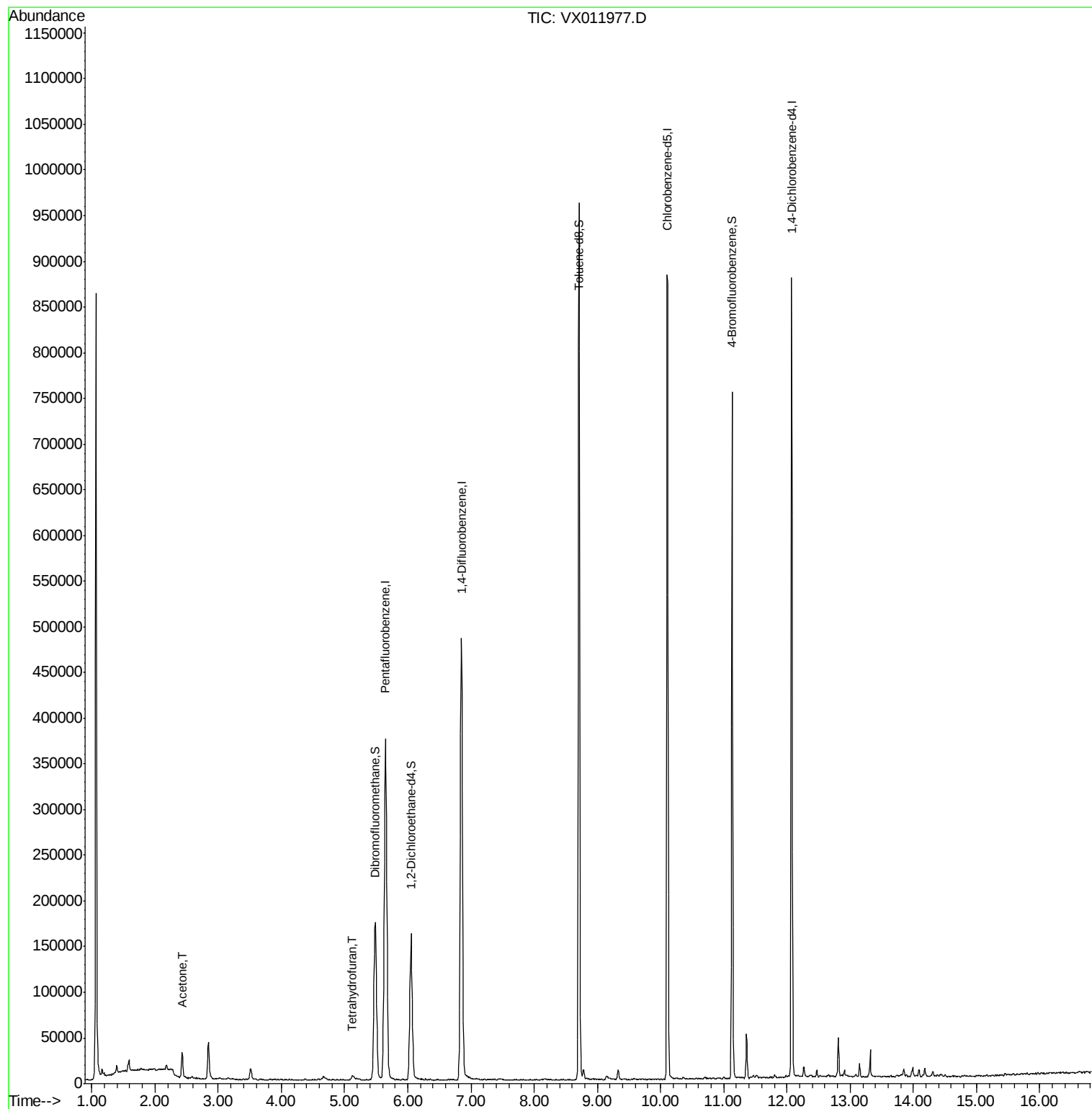
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	396177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	502495	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	416315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	189054	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	154363	40.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.34%	
35) Dibromofluoromethane	5.48	113	143199	44.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.88%	
50) Toluene-d8	8.71	98	558236	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.13	95	186400	36.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.78%	
Target Compounds						
16) Acetone	2.43	43	30779	37.688	ug/l	99
29) Tetrahydrofuran	5.12	42	4343	5.850	ug/l	94

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

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Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
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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: VX011977.D

Acq: 01 Sep 2019 04:29

Instrument :

MSVOA_X

ClientSampleId :

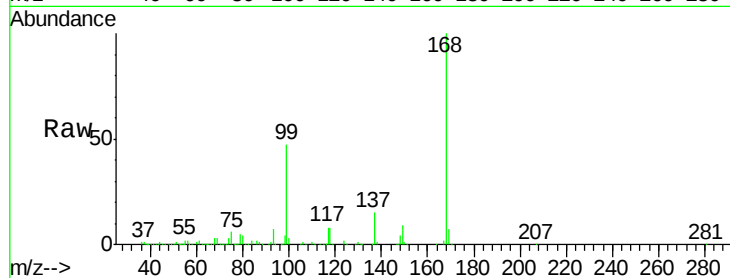
T9-12-13-L-(1.9)

Tot Ion:168 Resp: 396177

Ion Ratio Lower Upper

168 100

99 47.1 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

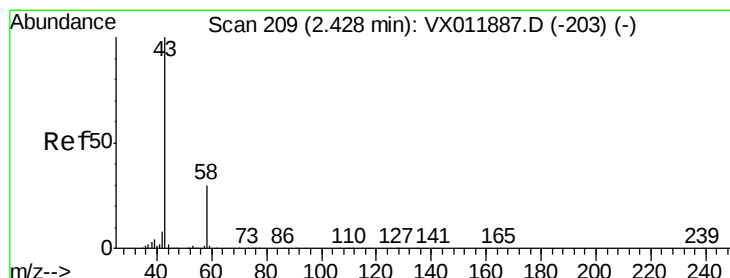
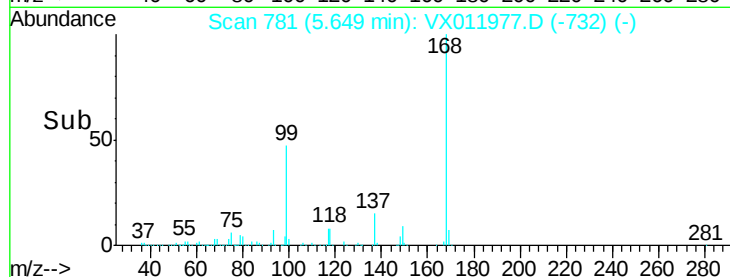
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 37.688 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011977.D

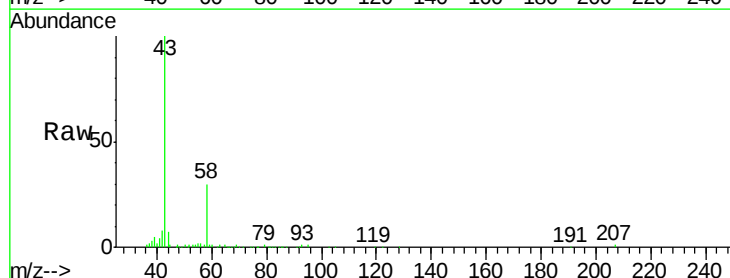
Acq: 01 Sep 2019 04:29

Tgt Ion: 43 Resp: 30779

Ion Ratio Lower Upper

43 100

58 29.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

20000

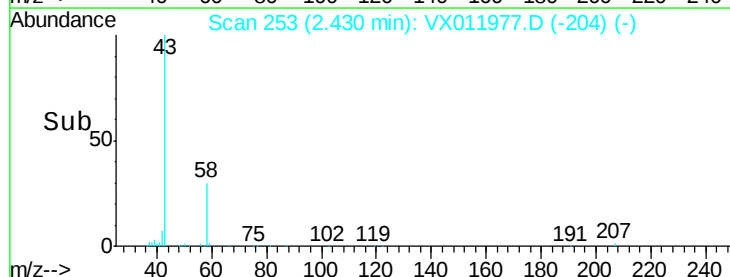
15000

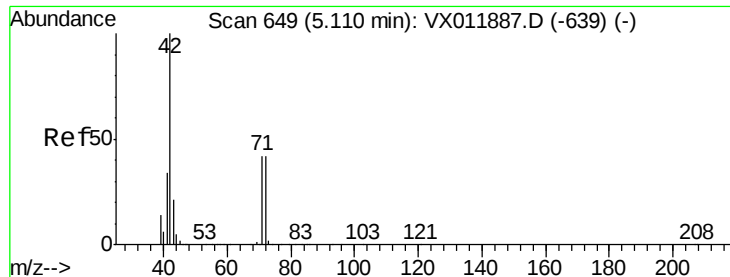
10000

5000

0

Time-->

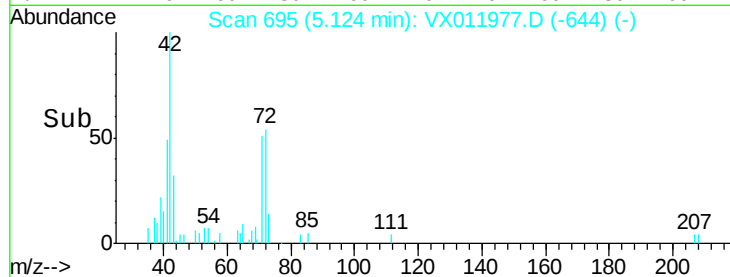
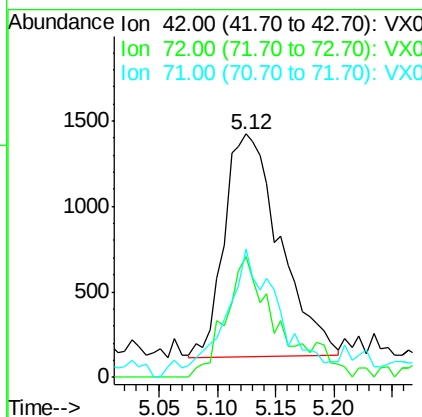
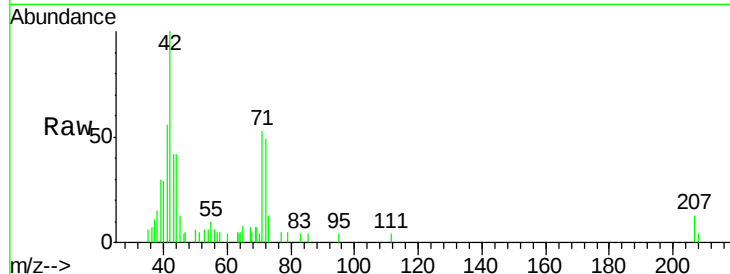




#29
Tetrahydrofuran
Concen: 5.850 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX011977.D
Acq: 01 Sep 2019 04:29

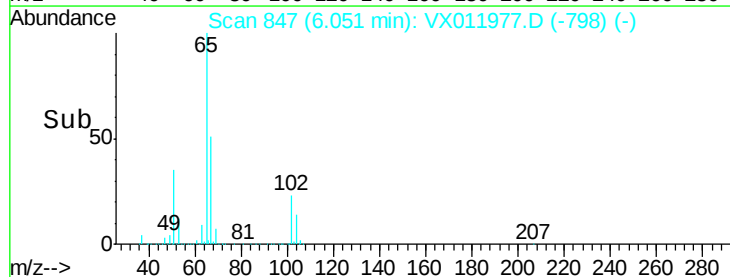
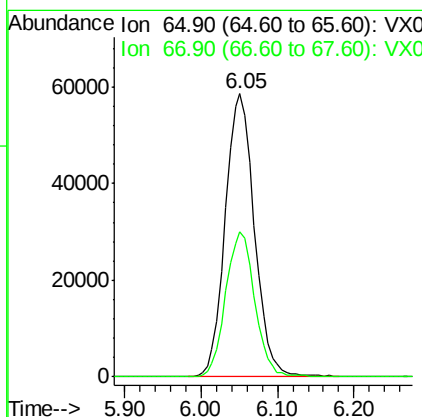
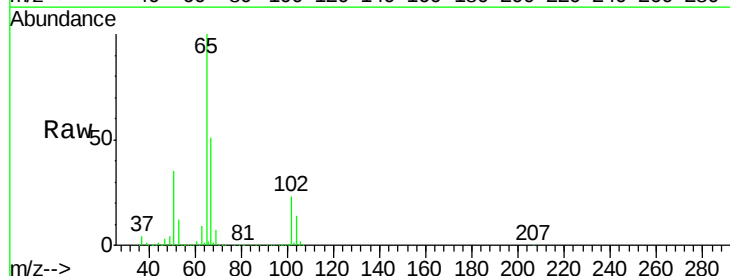
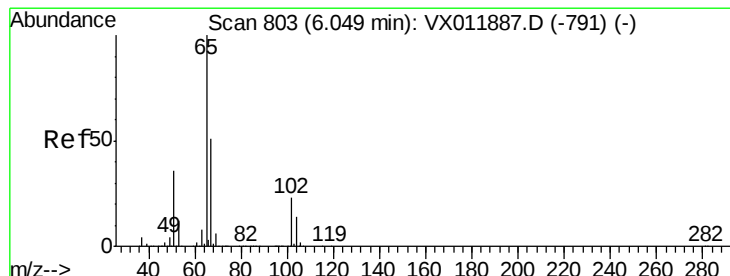
Instrument :
MSVOA_X
ClientSampled :
T9-12-13-L-(1.9)

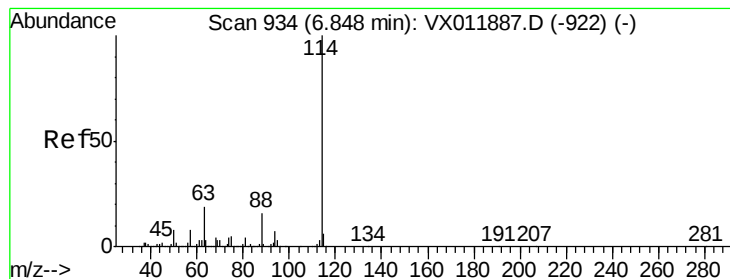
Tot Ion: 42 Resp: 4343
Ion Ratio Lower Upper
42 100
72 45.5 36.2 54.4
71 49.0 33.1 49.7



#33
1,2-Dichloroethane-d4
Concen: 40.667 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011977.D
Acq: 01 Sep 2019 04:29

Tgt Ion: 65 Resp: 154363
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: VX011977.D

Acq: 01 Sep 2019 04:29

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-L-(1.9)

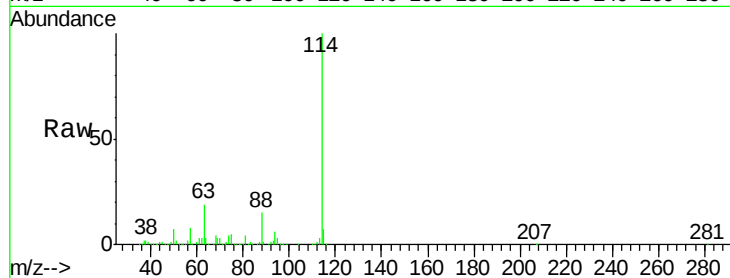
Tot Ion:114 Resp: 502495

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.8

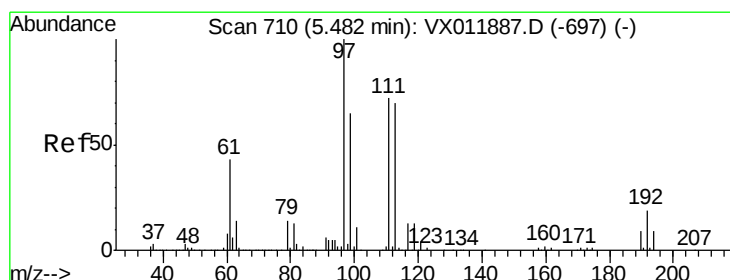
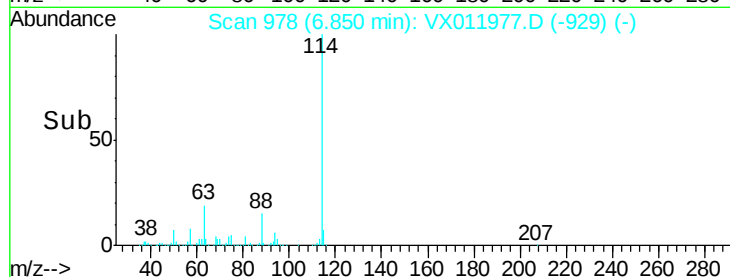
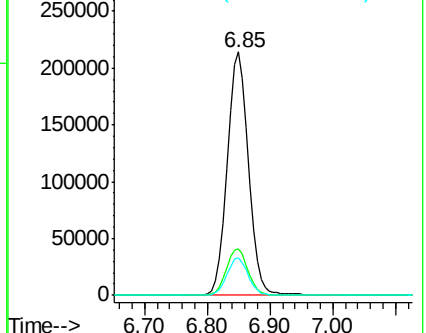
88 15.2 0.0 31.2



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: 44.441 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011977.D

Acq: 01 Sep 2019 04:29

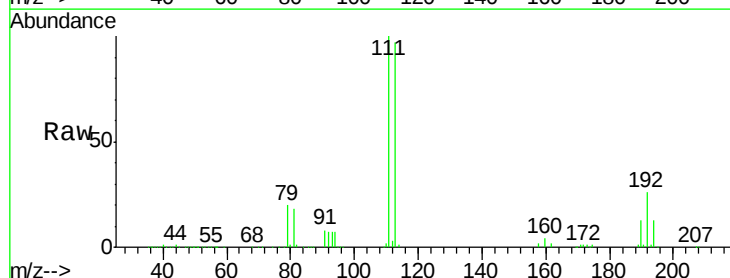
Tgt Ion:113 Resp: 143199

Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

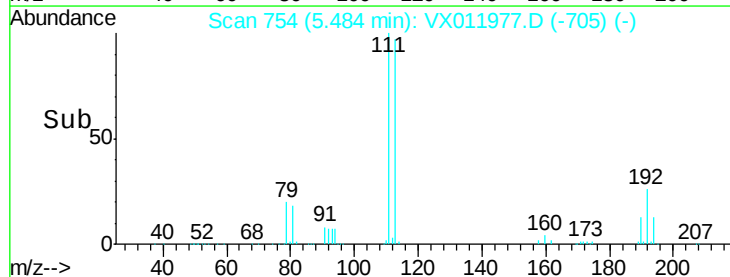
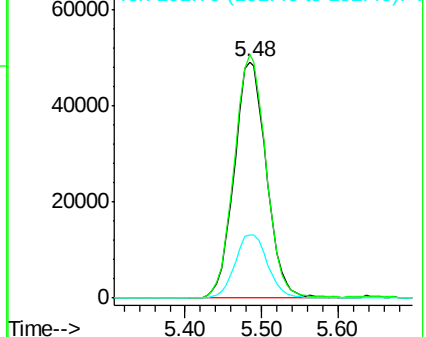
192 27.4 21.5 32.3

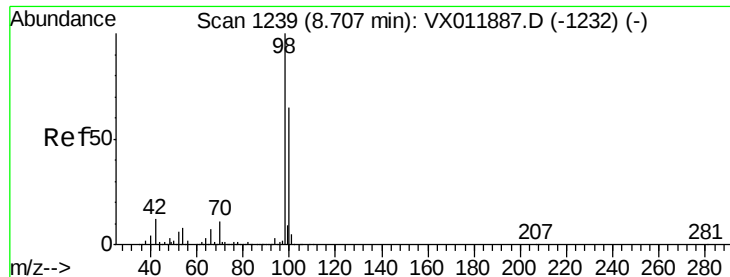


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.465 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX011977.D

Acq: 01 Sep 2019 04:29

Instrument :

MSVOA_X

ClientSampleId :

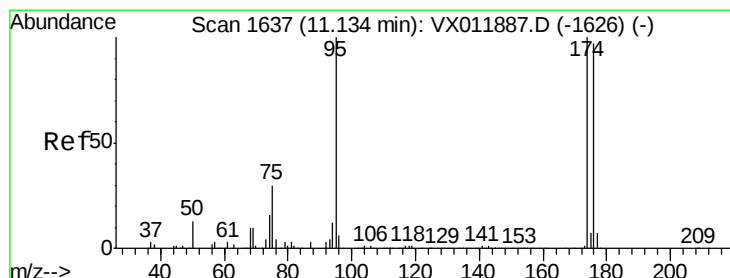
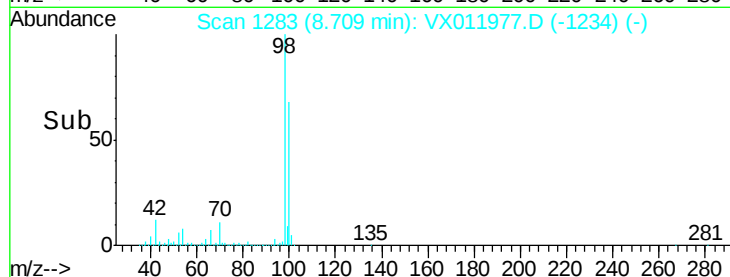
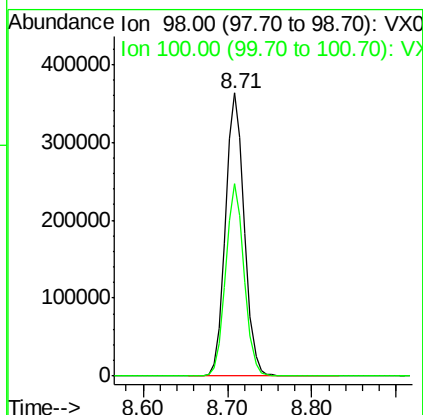
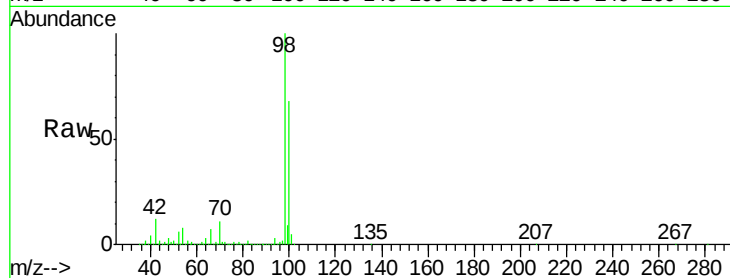
T9-12-13-L-(1.9)

Tot Ion: 98 Resp: 558236

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 36.891 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX011977.D

Acq: 01 Sep 2019 04:29

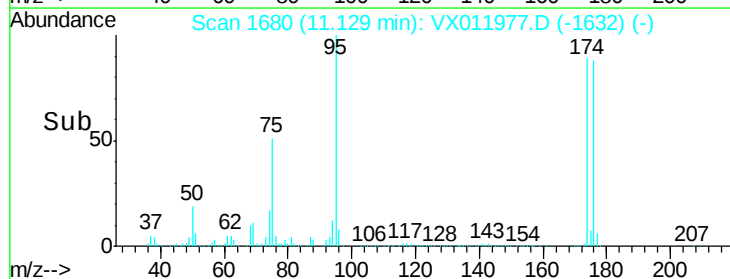
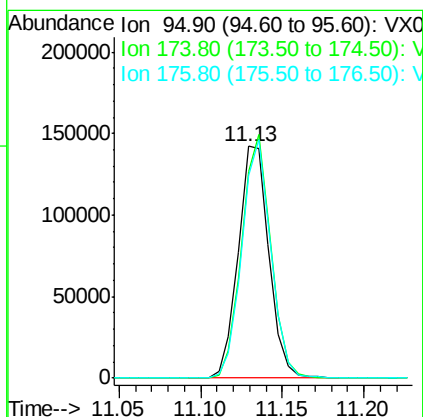
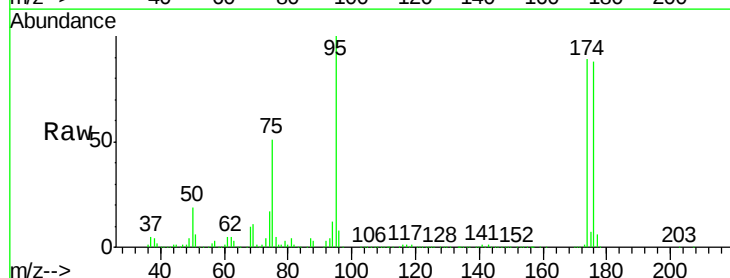
Tgt Ion: 95 Resp: 186400

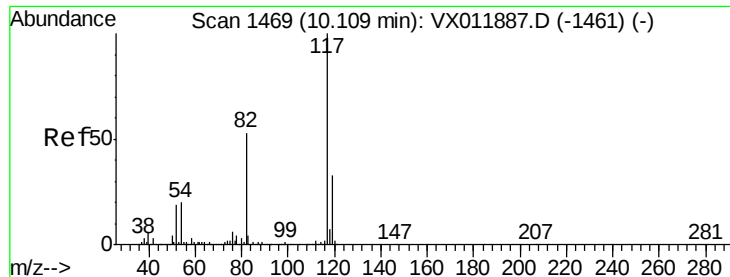
Ion Ratio Lower Upper

95 100

174 99.9 0.0 196.0

176 97.6 0.0 191.4

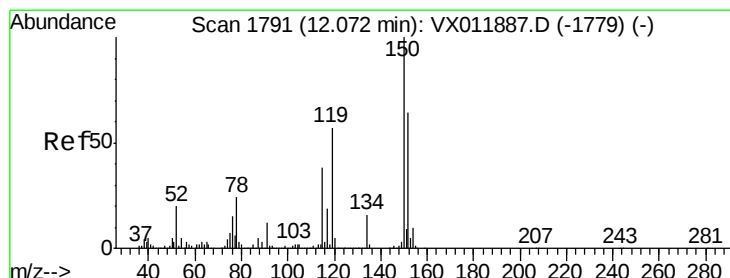
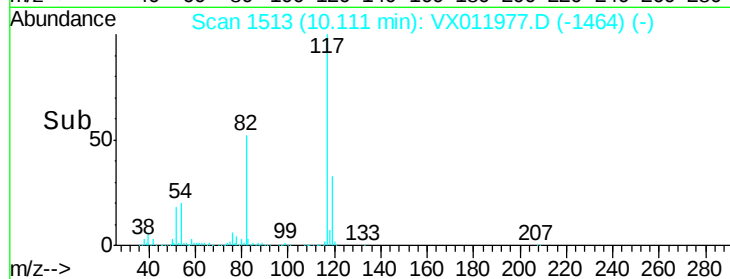
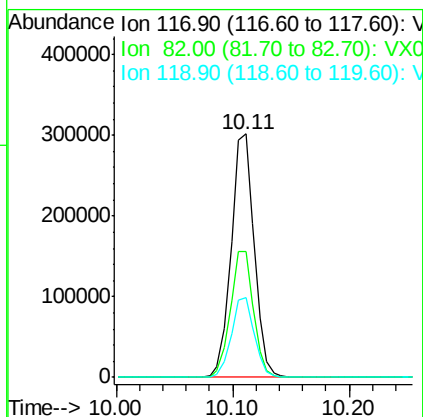
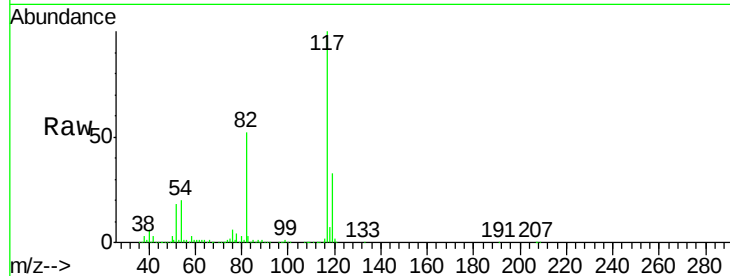




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011977.D
Acq: 01 Sep 2019 04:29

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-L-(1.9)

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.0	63.0
119	32.5	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: VX011977.D
Acq: 01 Sep 2019 04:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.7	37.1	111.3
150	155.8	0.0	339.6

