

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083019\
 Data File : VX011935.D
 Acq On : 31 Aug 2019 05:08
 Operator : SY/SP
 Sample : K4493-09
 Misc : 4.99g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Aug 31 05:57:08 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

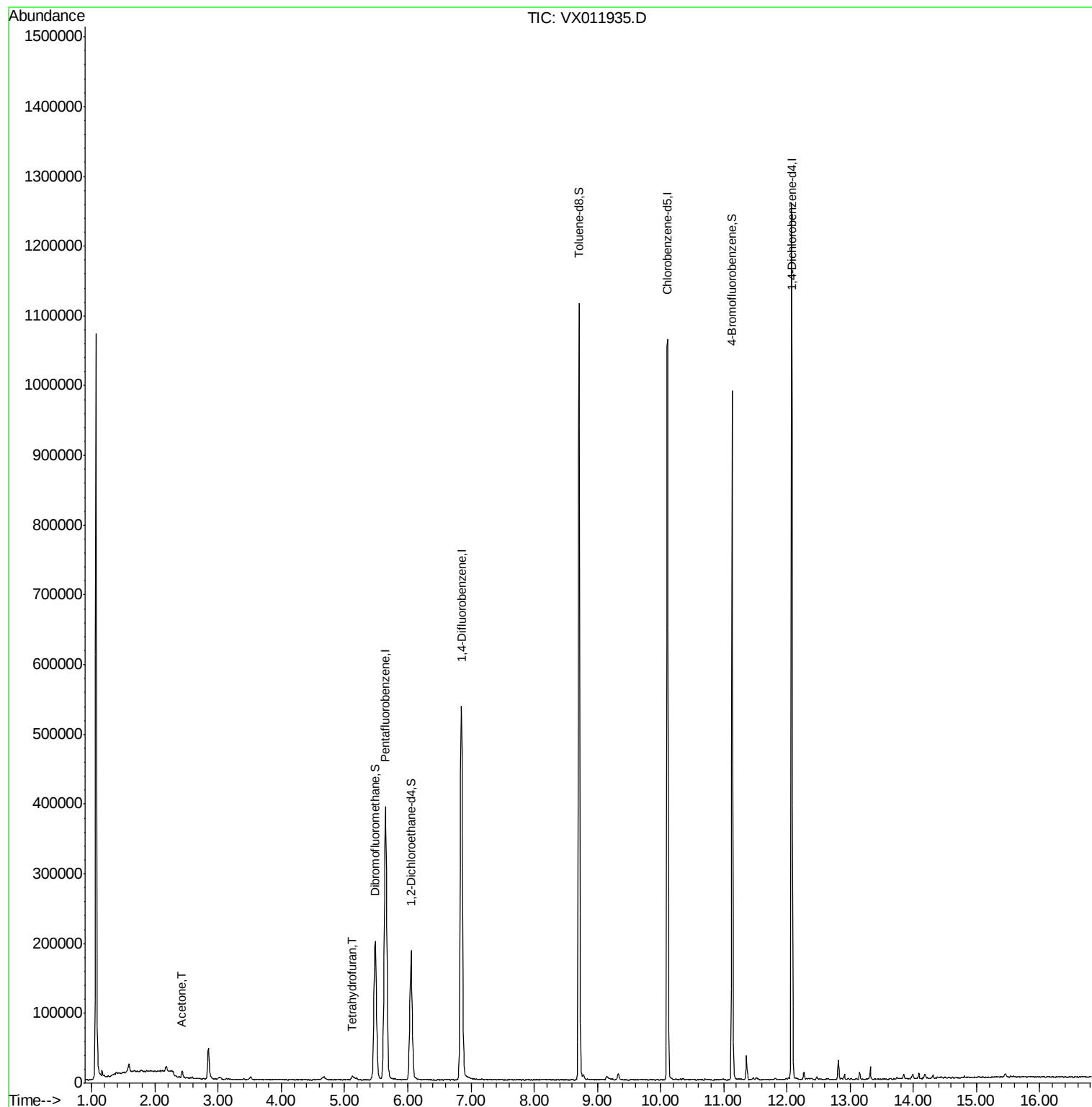
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	416649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	562613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	499289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	269204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	177222	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.80%	
35) Dibromofluoromethane	5.48	113	161647	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
50) Toluene-d8	8.71	98	640085	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.14	95	237941	42.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.12%	
Target Compounds						
16) Acetone	2.43	43	11112	12.938	ug/l	98
29) Tetrahydrofuran	5.12	42	4744	6.076	ug/l	91

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX083019\
Data File : VX011935.D
Acq On : 31 Aug 2019 05:08
Operator : SY/SP
Sample : K4493-09
Misc : 4.99µ/5.0mL/MSVOA X/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Aug 31 05:57:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX011935.D

Acq: 31 Aug 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

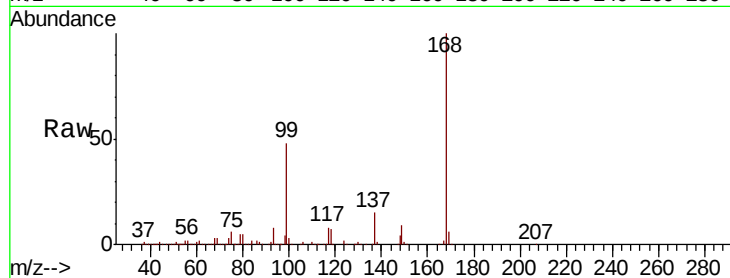
T9-12-13-J-(1.9)

Tot Ion:168 Resp: 416649

Ion Ratio Lower Upper

168 100

99 48.1 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

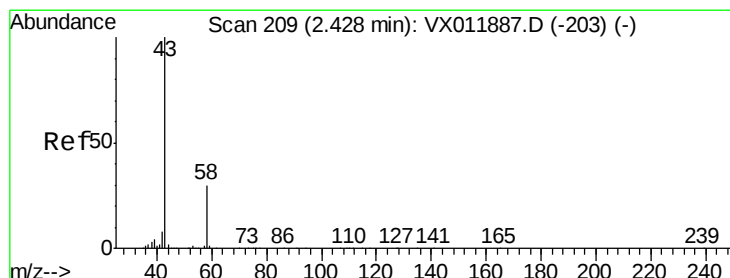
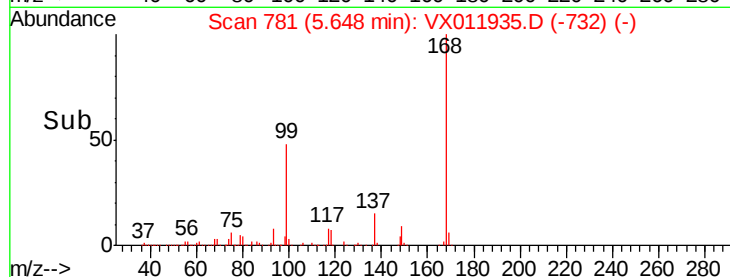
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 12.938 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011935.D

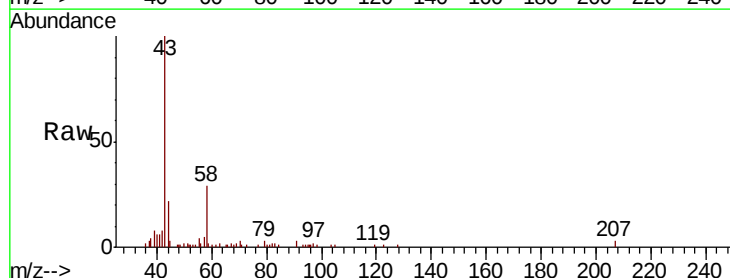
Acq: 31 Aug 2019 05:08

Tgt Ion: 43 Resp: 11112

Ion Ratio Lower Upper

43 100

58 28.8 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

8000

6000

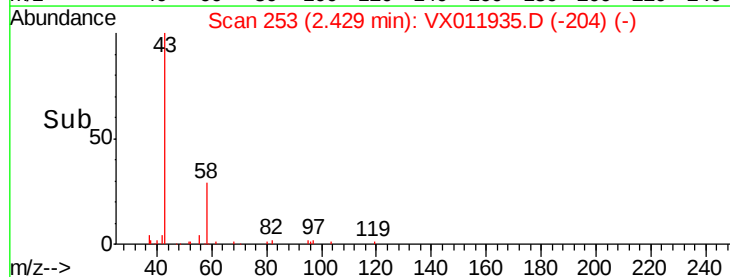
4000

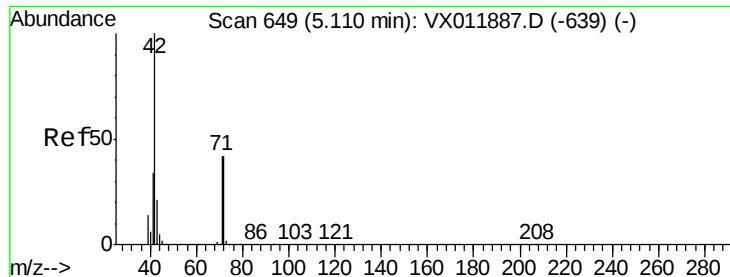
2000

0

Time-->

2.35 2.40 2.45 2.50





#29

Tetrahydrofuran

Concen: 6.076 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX011935.D

Acq: 31 Aug 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-J-(1.9)

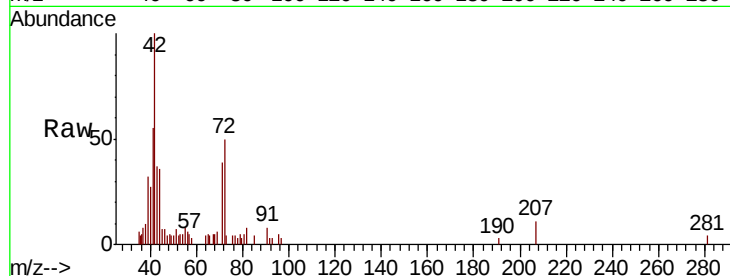
Tot Ion: 42 Resp: 4744

Ion Ratio Lower Upper

42 100

72 52.4 36.2 54.4

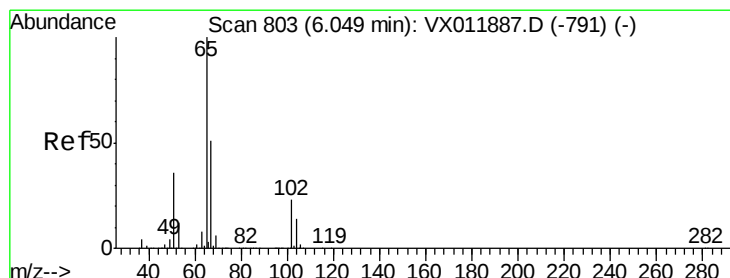
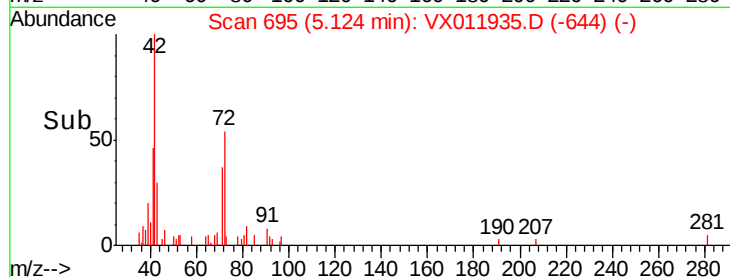
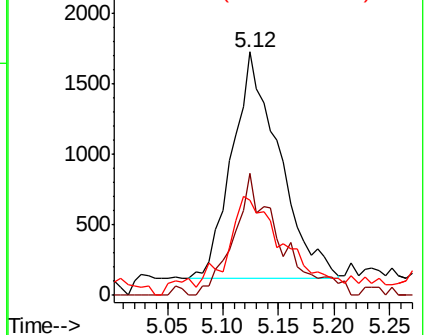
71 45.3 33.1 49.7



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



#33

1,2-Dichloroethane-d4

Concen: 44.395 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX011935.D

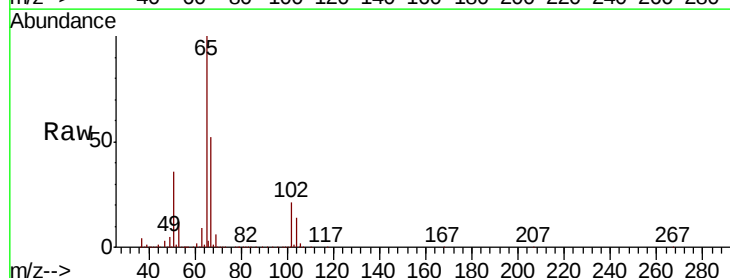
Acq: 31 Aug 2019 05:08

Tgt Ion: 65 Resp: 177222

Ion Ratio Lower Upper

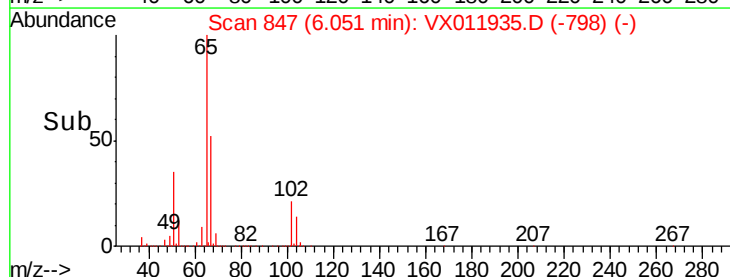
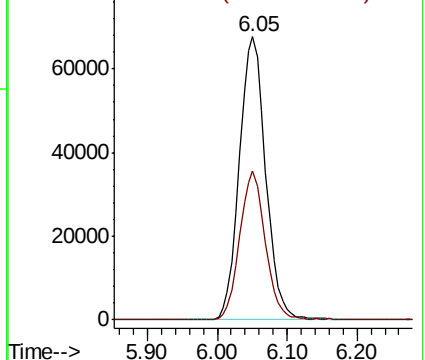
65 100

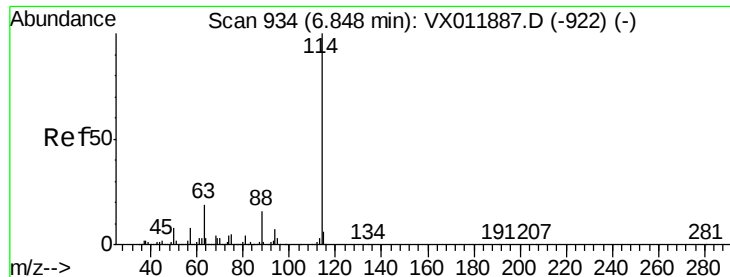
67 50.8 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX011935.D

Acq: 31 Aug 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-J-(1.9)

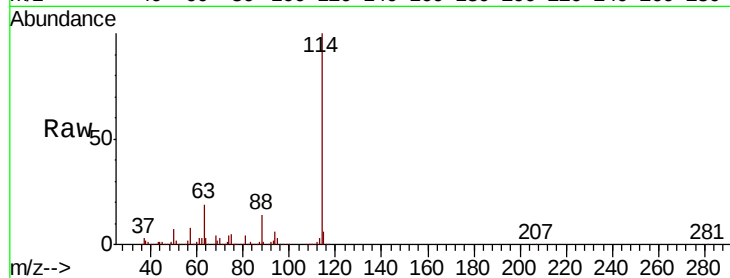
Tot Ion:114 Resp: 562613

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.8

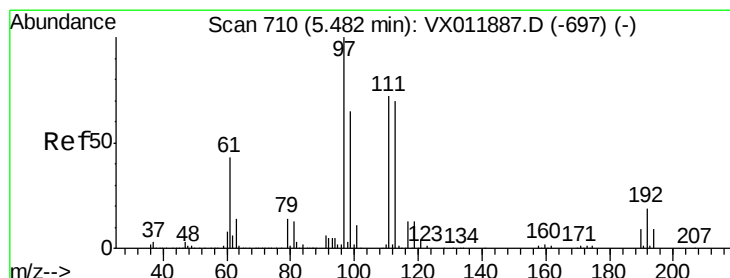
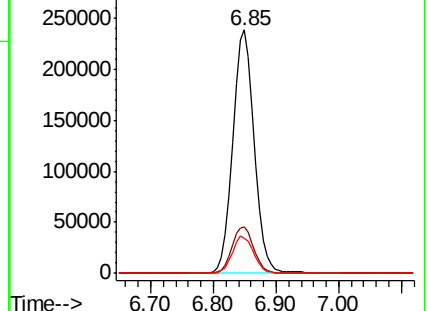
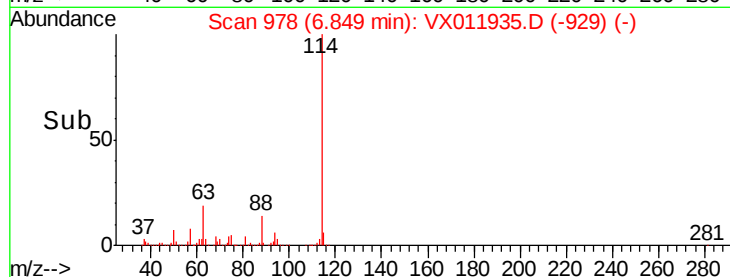
88 14.5 0.0 31.2



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: 44.806 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011935.D

Acq: 31 Aug 2019 05:08

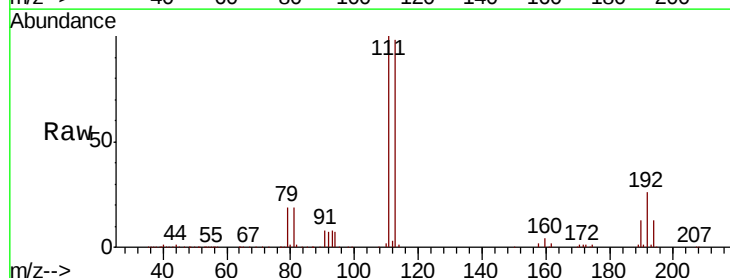
Tgt Ion:113 Resp: 161647

Ion Ratio Lower Upper

113 100

111 103.2 82.1 123.1

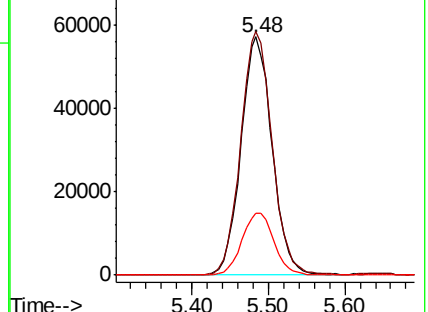
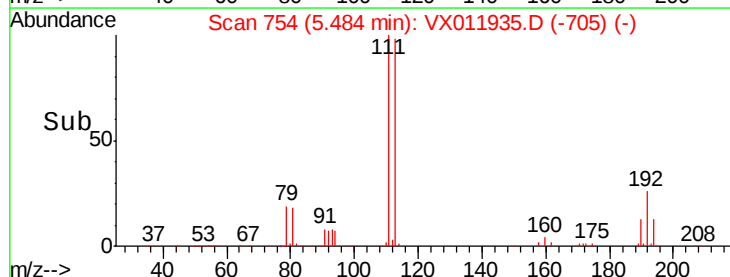
192 27.0 21.5 32.3

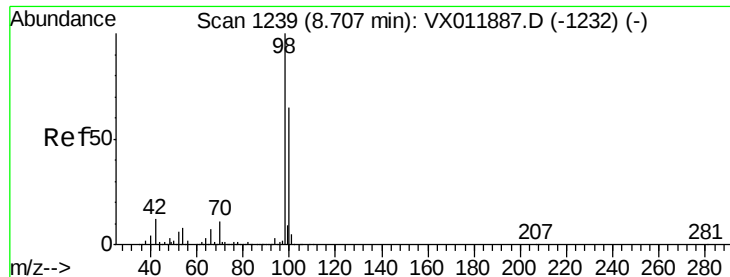


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

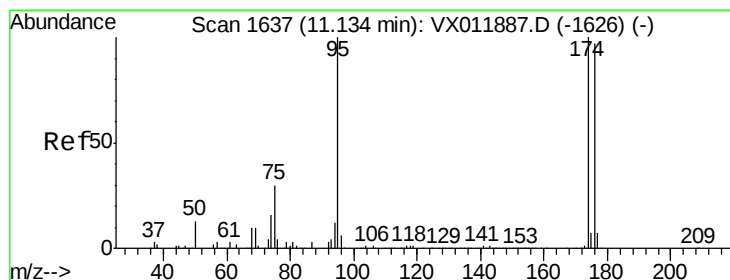
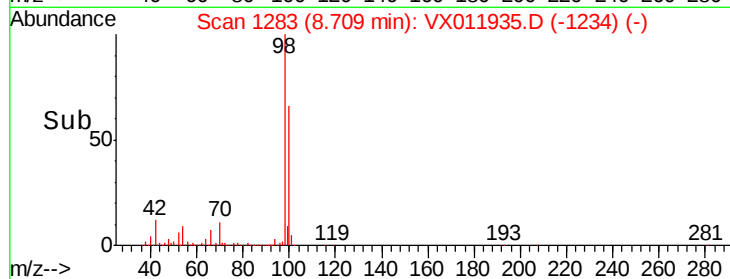
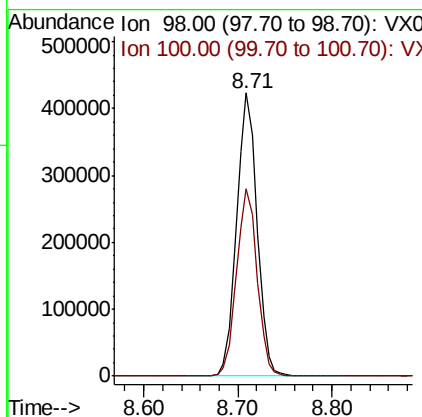
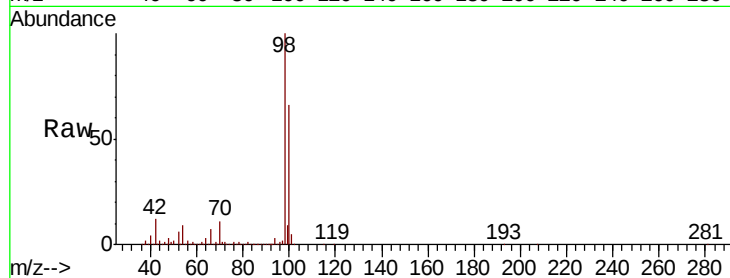




#50
Toluene-d8
Concen: 49.633 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011935.D
Acq: 31 Aug 2019 05:08

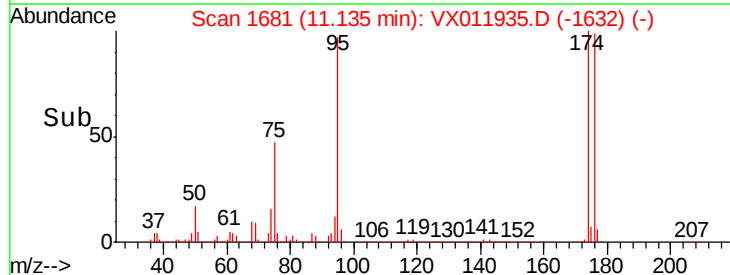
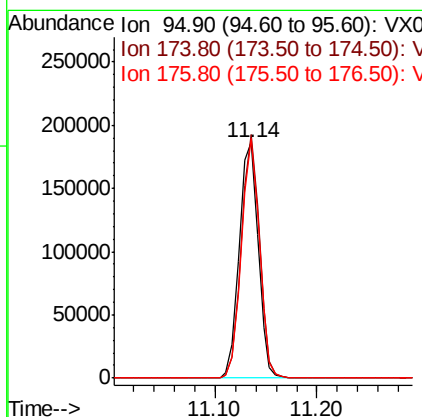
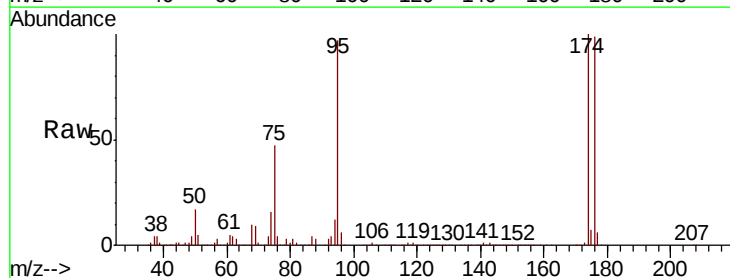
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-J-(1.9)

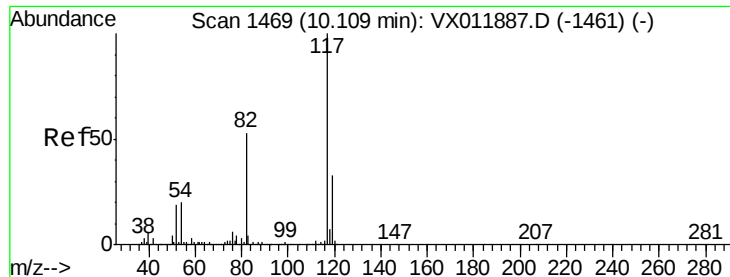
Tot Ion: 98 Resp: 640085
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 42.060 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011935.D
Acq: 31 Aug 2019 05:08

Tgt Ion: 95 Resp: 237941
Ion Ratio Lower Upper
95 100
174 99.3 0.0 196.0
176 96.6 0.0 191.4

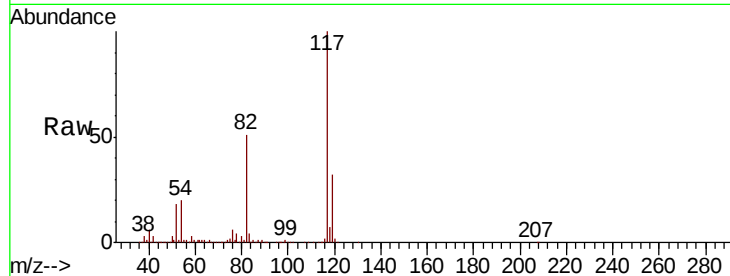




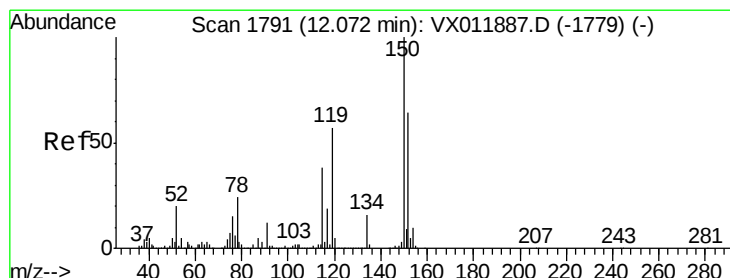
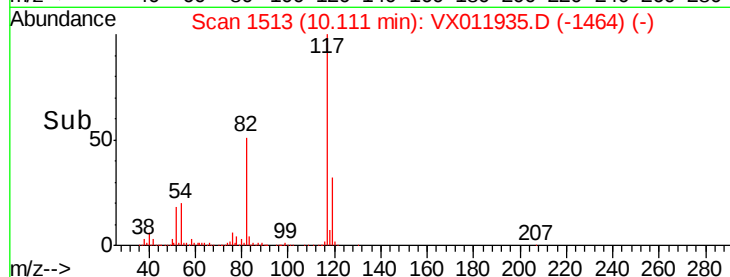
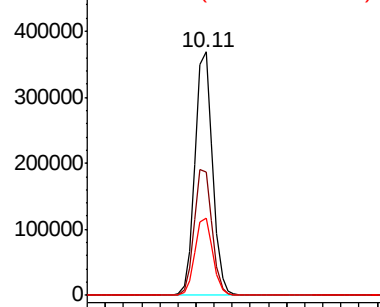
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011935.D
Acq: 31 Aug 2019 05:08

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.0	63.0
119	31.6	26.2	39.4

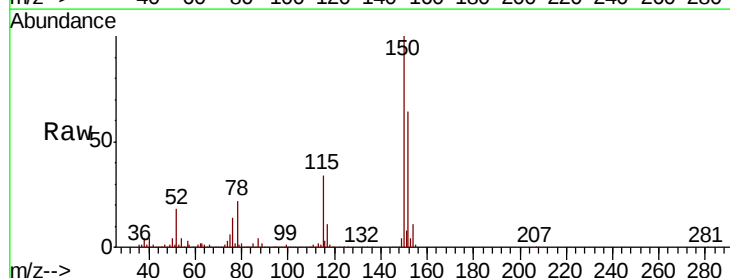


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011935.D
Acq: 31 Aug 2019 05:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.9	37.1	111.3
150	154.6	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

