

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
 Data File : VX011997.D
 Acq On : 01 Sep 2019 17:31
 Operator : SY/SP
 Sample : K4528-20
 Misc : 3.16g/5.0mL/MSVOA X/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-T1-(0)

Quant Time: Sep 02 05:02:27 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

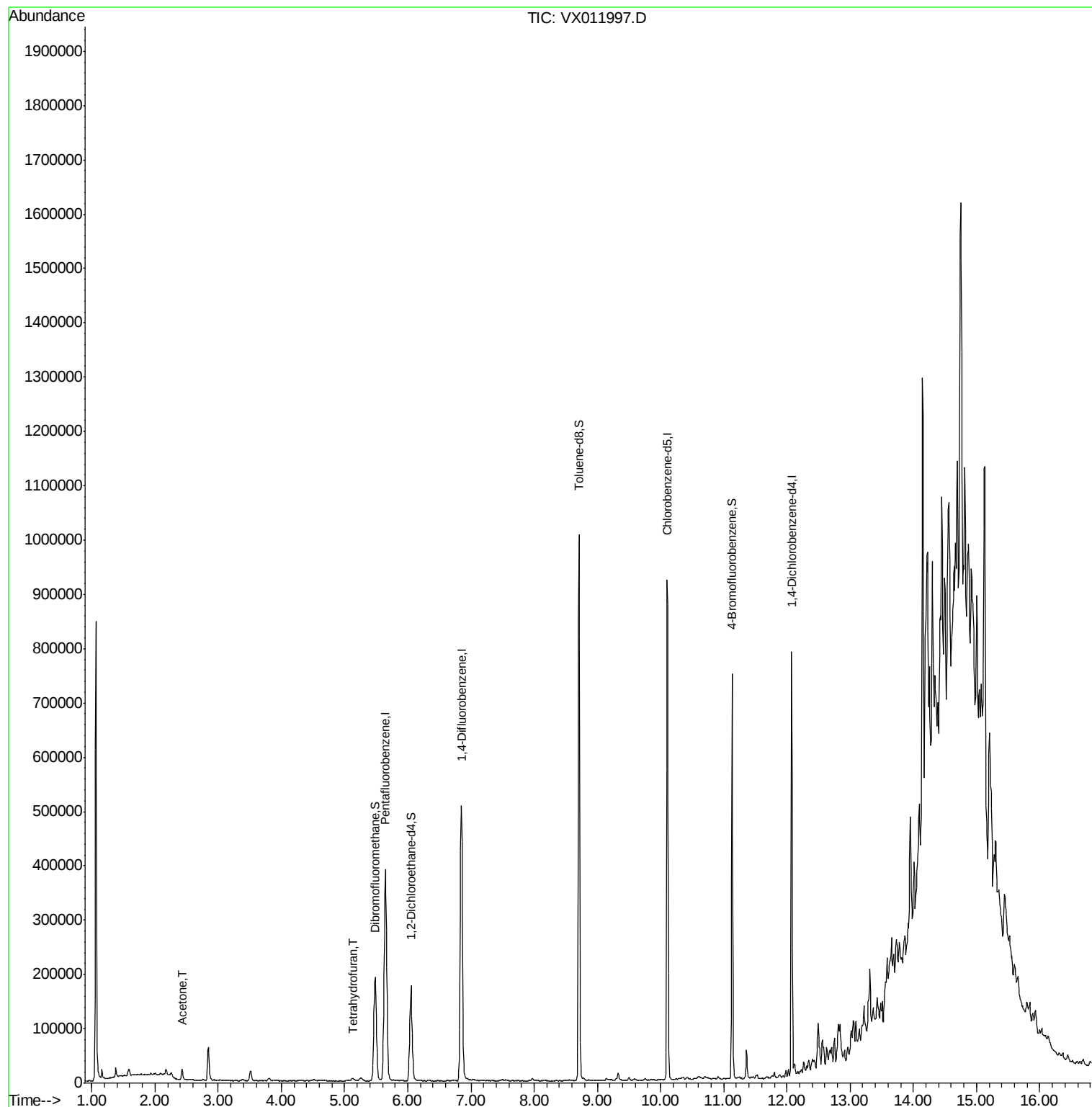
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	417069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	540194	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	435084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	168148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	169300	42.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.74%	
35) Dibromofluoromethane	5.48	113	155836	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
50) Toluene-d8	8.71	98	583537	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
62) 4-Bromofluorobenzene	11.13	95	182745	33.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.28%	
Target Compounds						
16) Acetone	2.43	43	20434	23.767	ug/l	98
29) Tetrahydrofuran	5.12	42	4597	5.882	ug/l #	89

(#) = 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
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: VX011997.D

Acq: 01 Sep 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

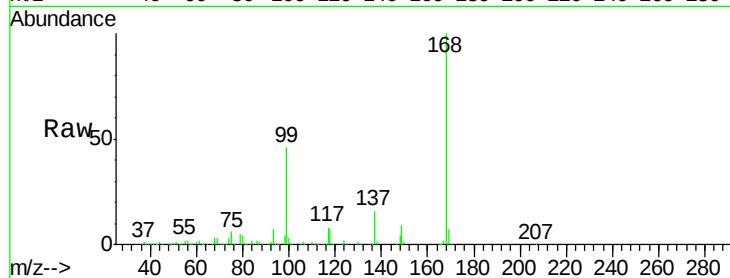
T9-12-13-T1-(0)

Tot Ion:168 Resp: 417069

Ion Ratio Lower Upper

168 100

99 45.8 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

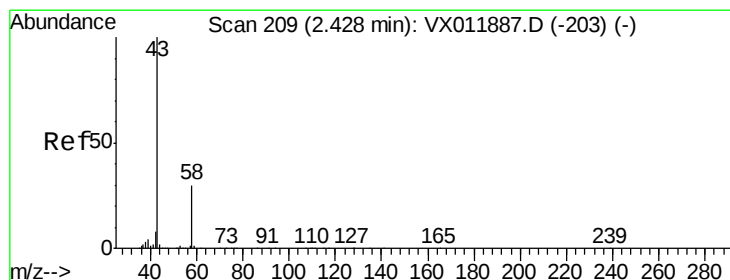
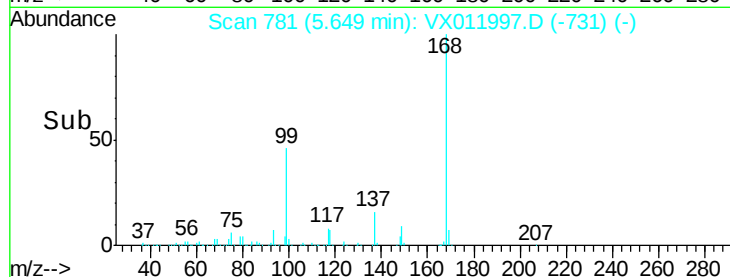
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 23.767 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011997.D

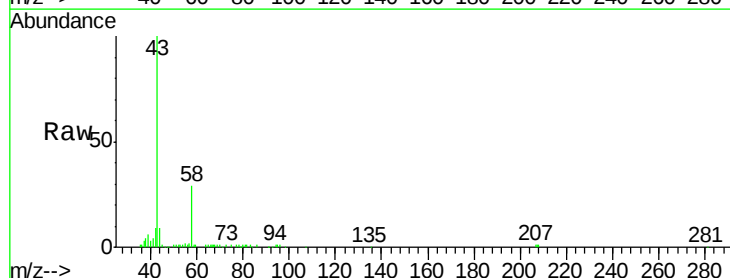
Acq: 01 Sep 2019 17:31

Tgt Ion: 43 Resp: 20434

Ion Ratio Lower Upper

43 100

58 28.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

15000

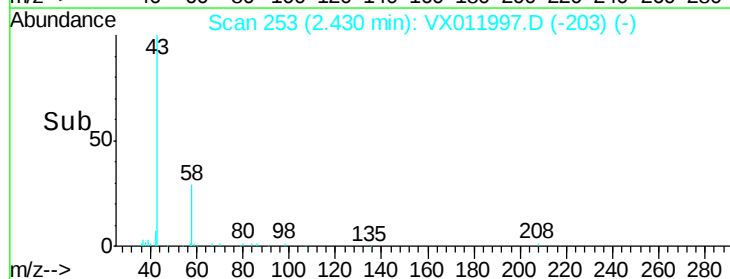
10000

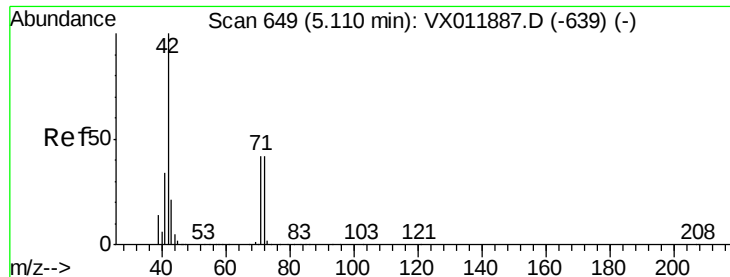
5000

0

2.35 2.40 2.45 2.50

Time-->

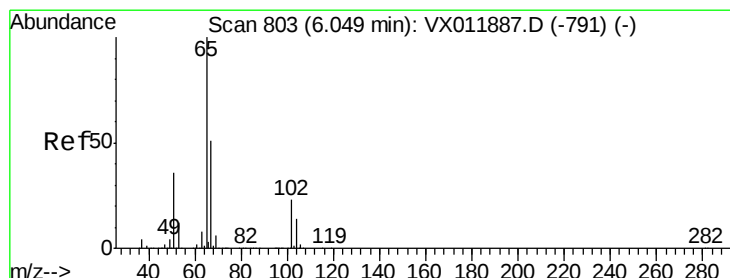
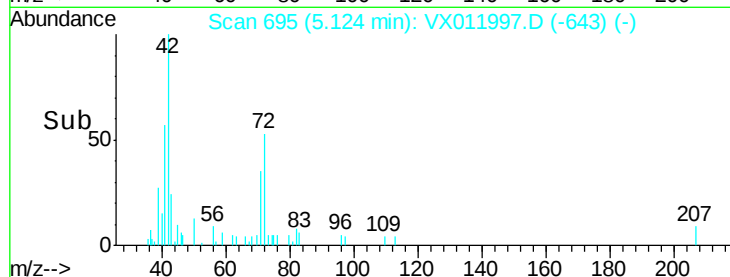
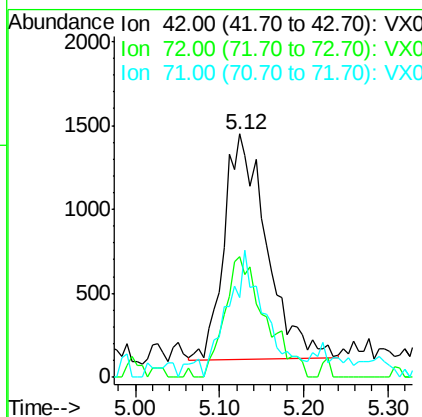
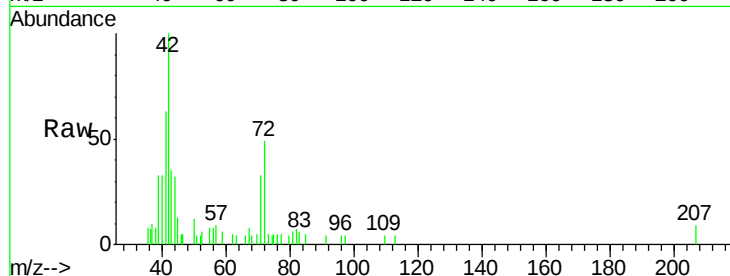




#29
Tetrahydrofuran
Concen: 5.882 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

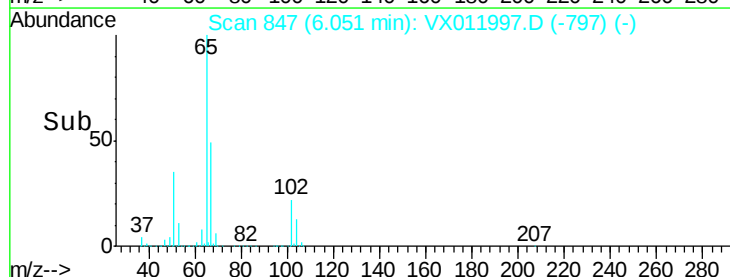
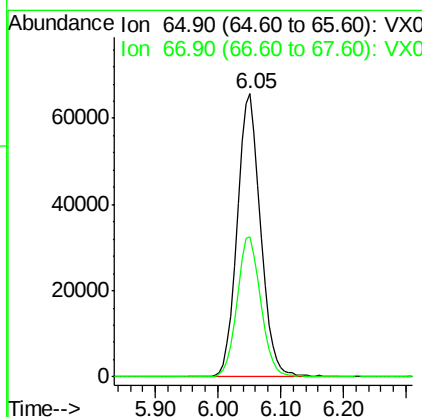
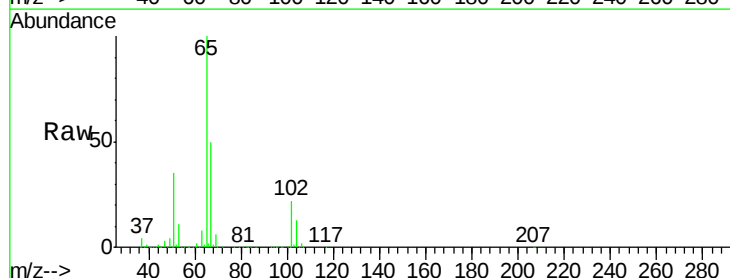
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(0)

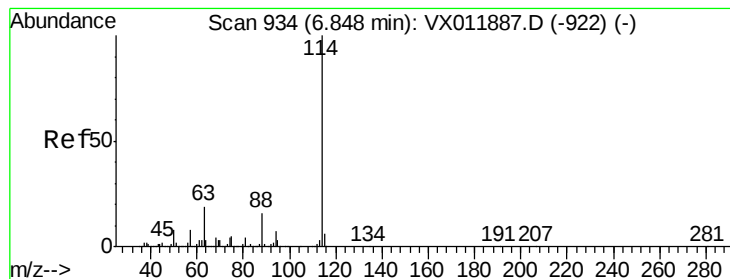
Tot Ion	Ratio	Lower	Upper
42	100		
72	51.3	36.2	54.4
71	49.9	33.1	49.7#



#33
1,2-Dichloroethane-d4
Concen: 42.368 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.6	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: VX011997.D

Acq: 01 Sep 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-T1-(0)

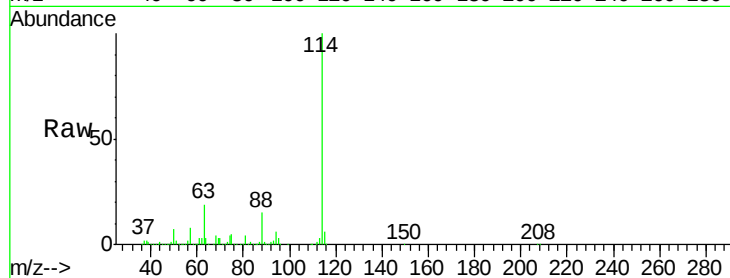
Tot Ion:114 Resp: 540194

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.8

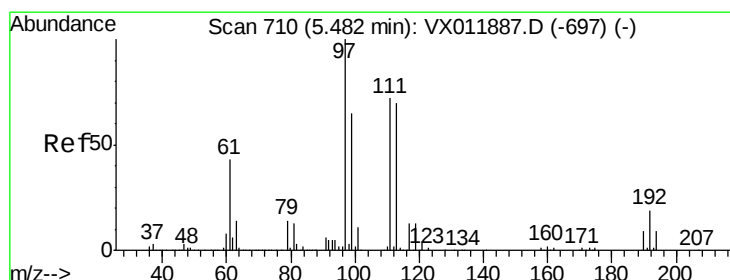
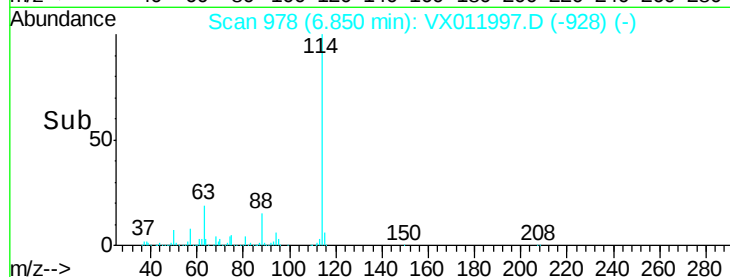
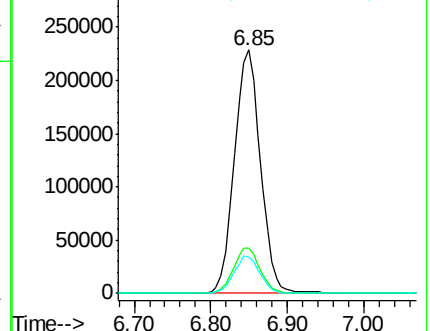
88 14.8 0.0 31.2



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: 44.988 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011997.D

Acq: 01 Sep 2019 17:31

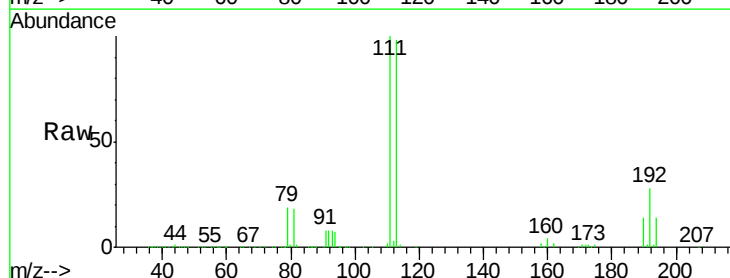
Tgt Ion:113 Resp: 155836

Ion Ratio Lower Upper

113 100

111 101.9 82.1 123.1

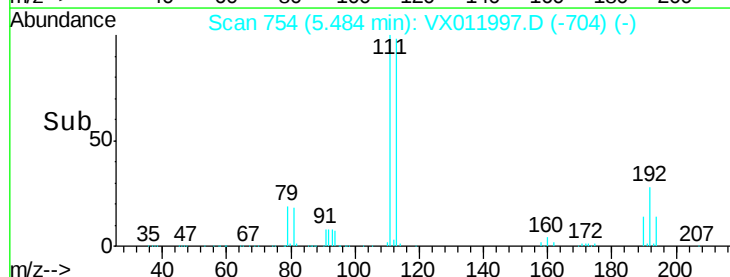
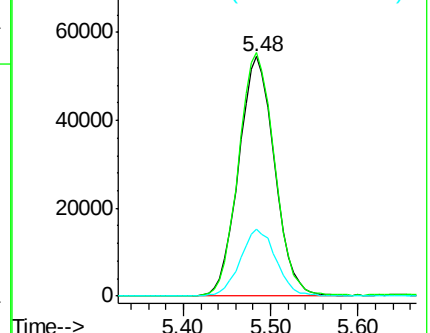
192 28.0 21.5 32.3

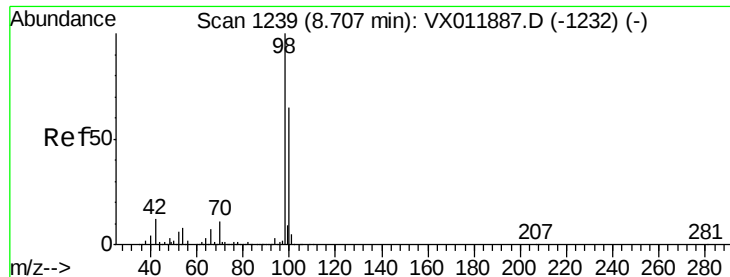


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.126 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX011997.D

Acq: 01 Sep 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

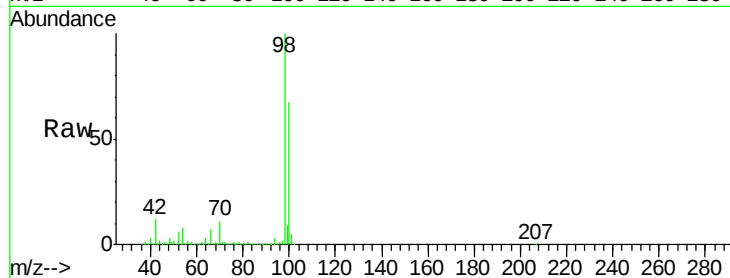
T9-12-13-T1-(0)

Tot Ion: 98 Resp: 583537

Ion Ratio Lower Upper

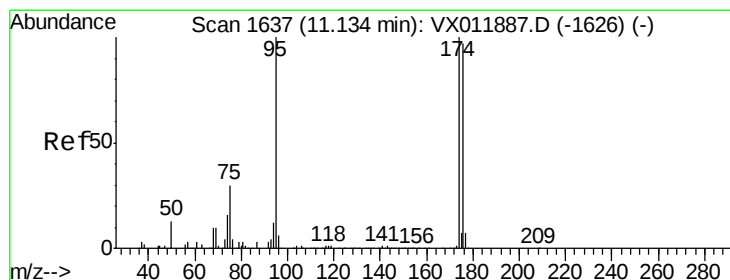
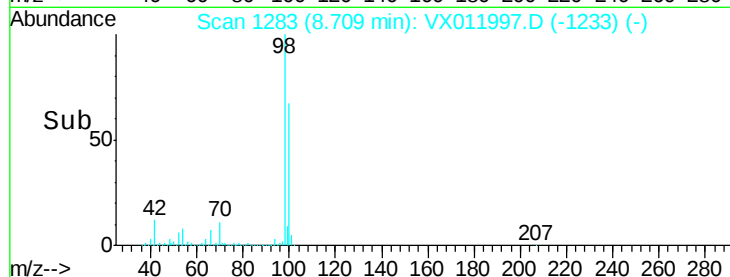
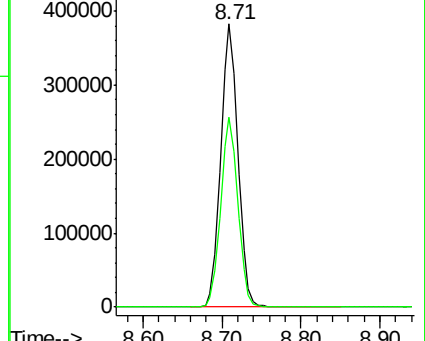
98 100

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: 33.644 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX011997.D

Acq: 01 Sep 2019 17:31

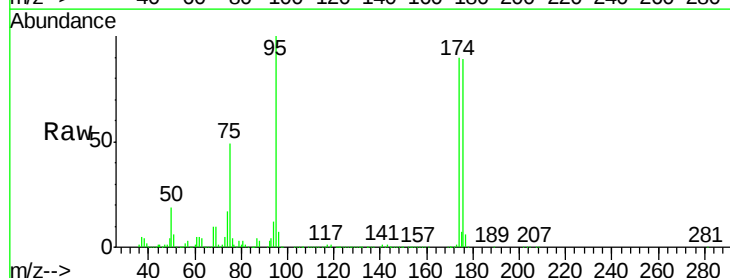
Tgt Ion: 95 Resp: 182745

Ion Ratio Lower Upper

95 100

174 101.7 0.0 196.0

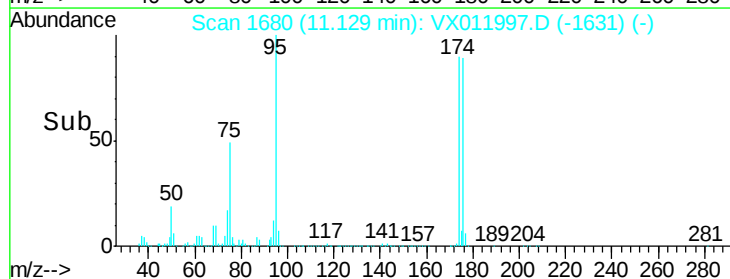
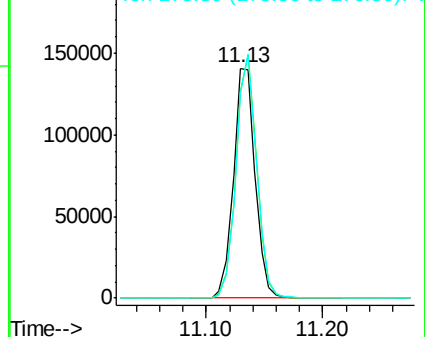
176 101.2 0.0 191.4

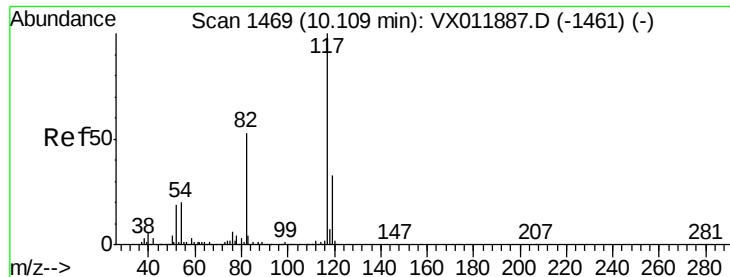


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

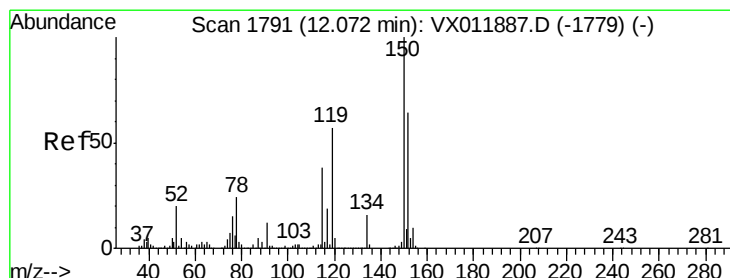
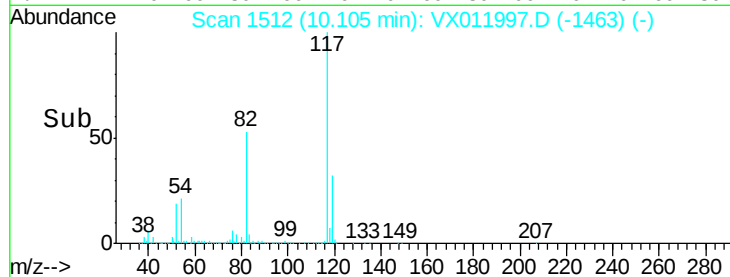
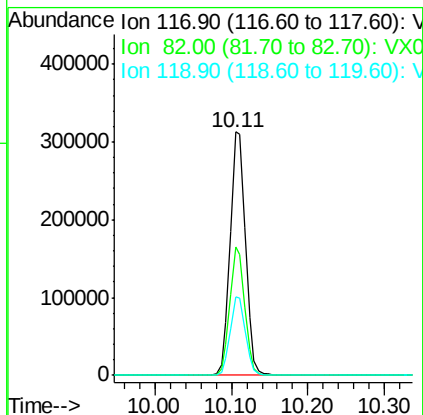
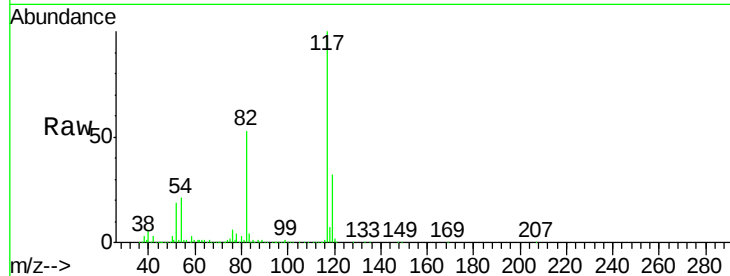




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.00 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(0)

Tot Ion:117 Resp: 435084
Ion Ratio Lower Upper
117 100
82 52.7 42.0 63.0
119 32.3 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: VX011997.D
Acq: 01 Sep 2019 17:31

Tgt Ion:152 Resp: 168148
Ion Ratio Lower Upper
152 100
115 53.3 37.1 111.3
150 155.0 0.0 339.6

