

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011956.D
 Acq On : 31 Aug 2019 17:43
 Operator : SY/SP
 Sample : K4526-03
 Misc : 3.14g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Sep 01 02:59:26 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

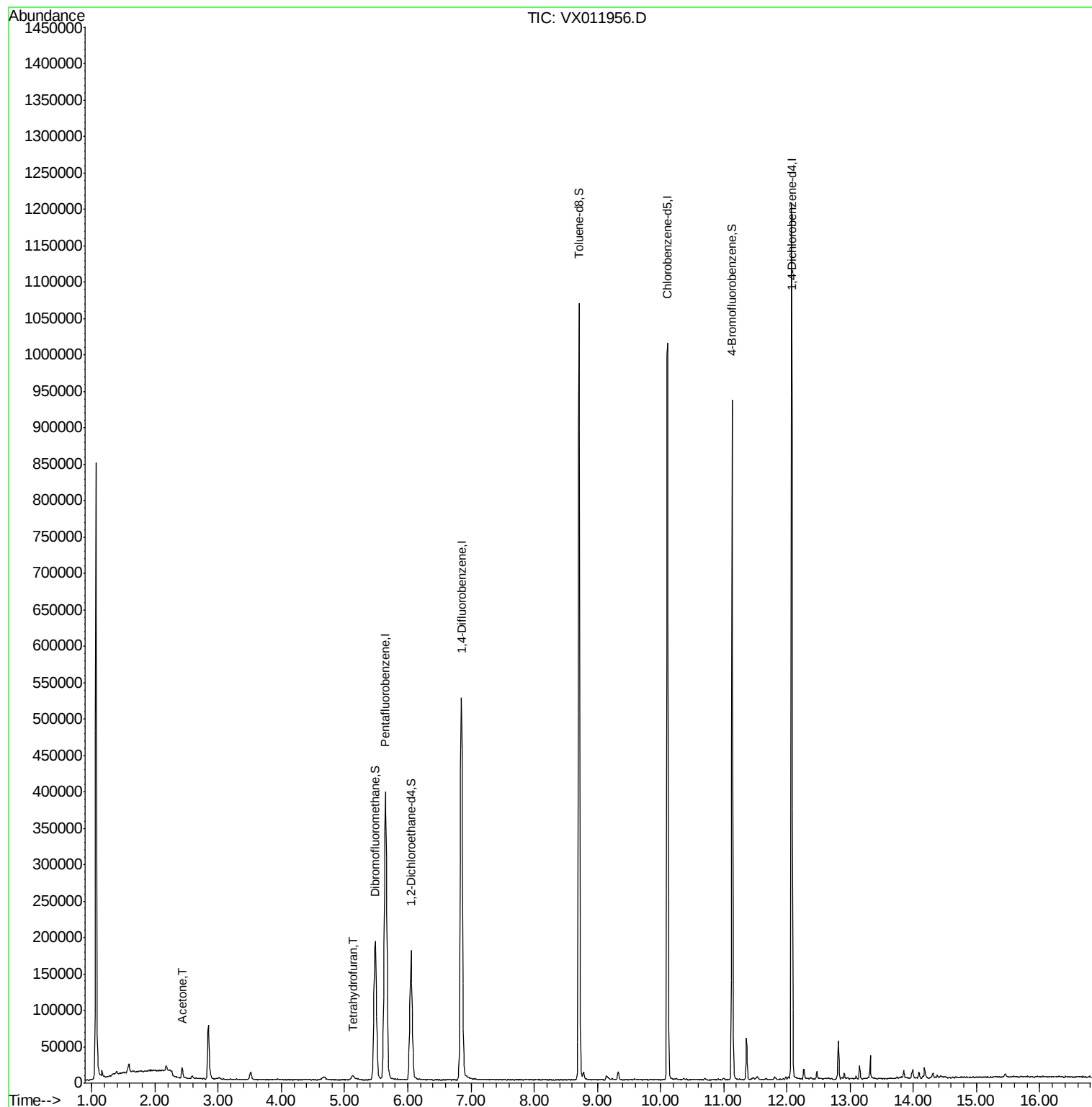
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	424905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	548713	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	480841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	258567	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	169564	41.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.30%	
35) Dibromofluoromethane	5.48	113	157405	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.48%	
50) Toluene-d8	8.71	98	618746	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.14	95	230740	41.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.64%	
Target Compounds						
16) Acetone	2.43	43	14973	17.094	ug/l	99
29) Tetrahydrofuran	5.12	42	6250	7.849	ug/l	95

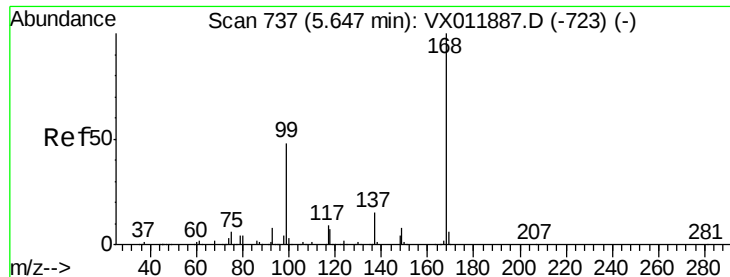
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011956.D

Acq: 31 Aug 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

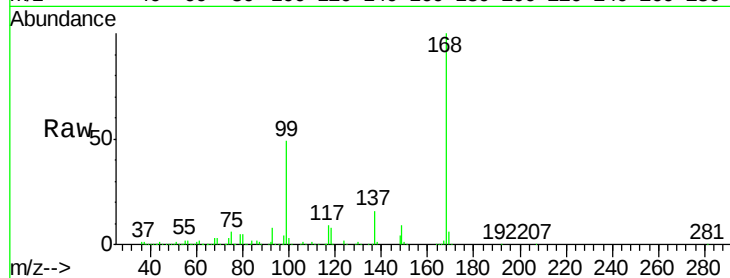
T9-12-13-D-(0)

Tot Ion:168 Resp: 424905

Ion Ratio Lower Upper

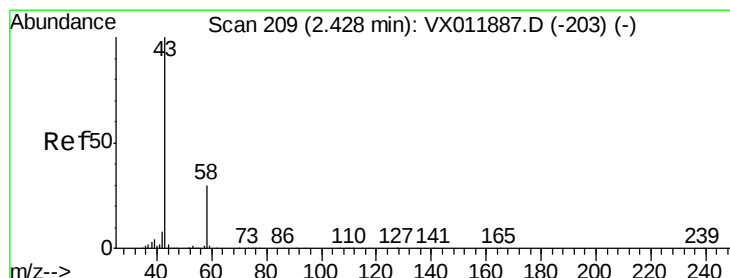
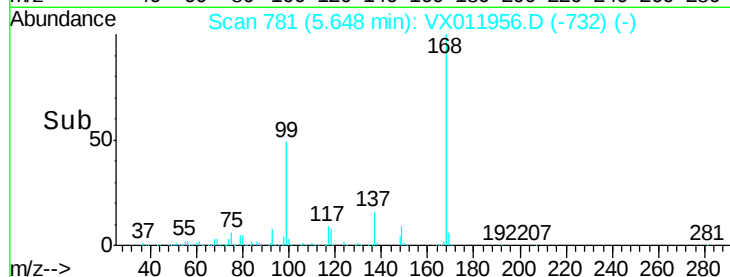
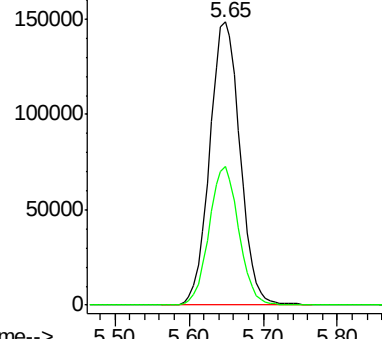
168 100

99 48.9 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 17.094 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011956.D

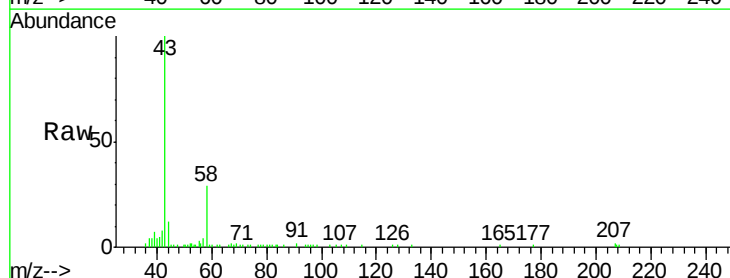
Acq: 31 Aug 2019 17:43

Tgt Ion: 43 Resp: 14973

Ion Ratio Lower Upper

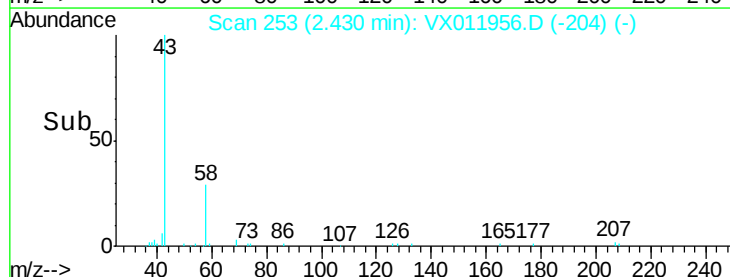
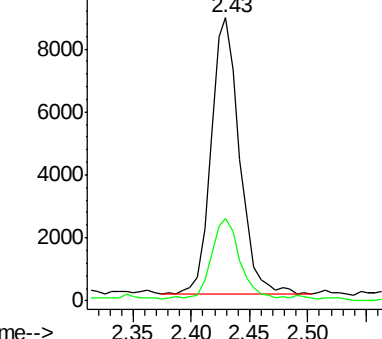
43 100

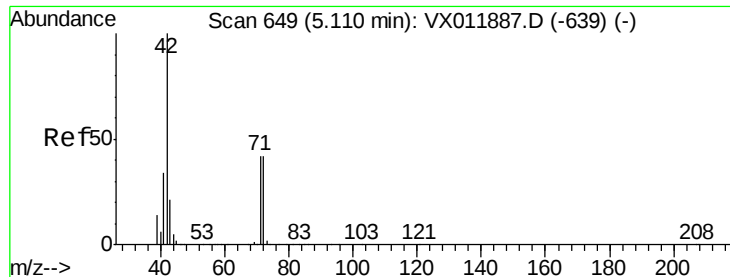
58 29.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

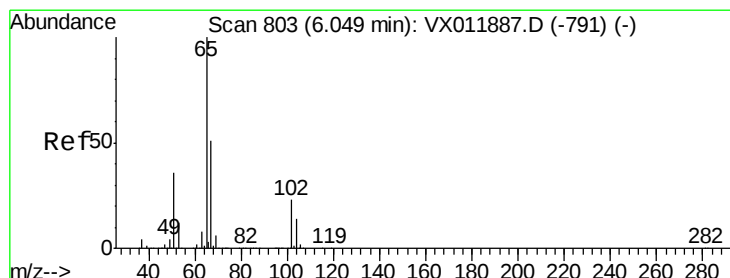
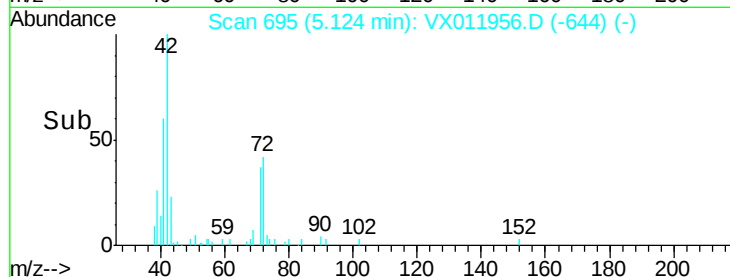
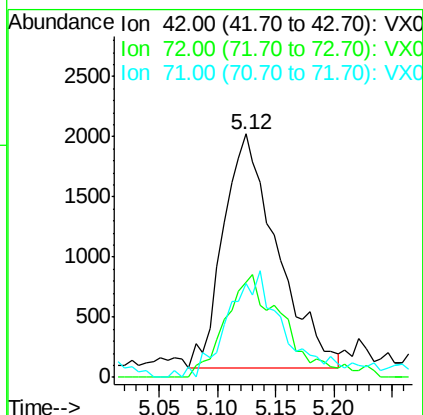
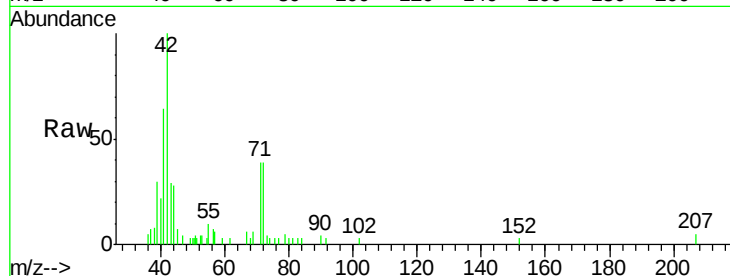




#29
Tetrahydrofuran
Concen: 7.849 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX011956.D
Acq: 31 Aug 2019 17:43

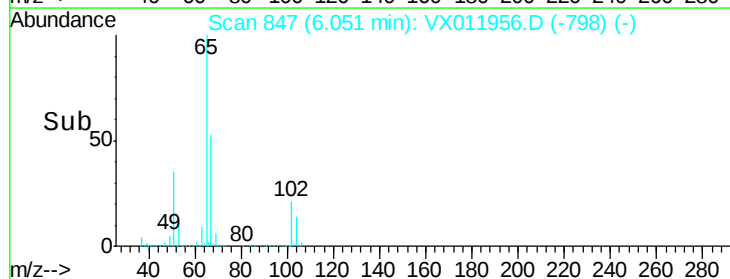
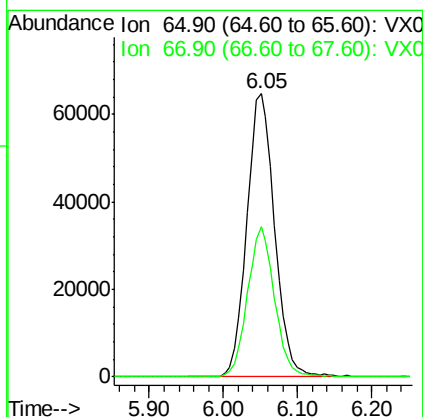
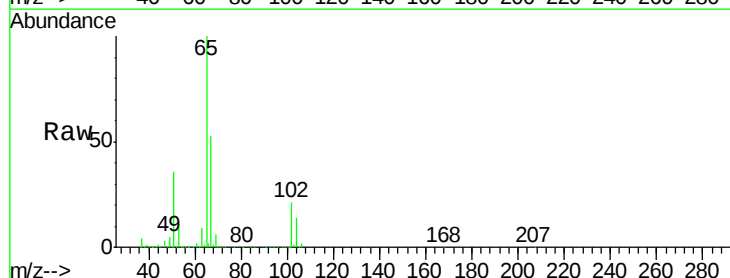
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-D-(0)

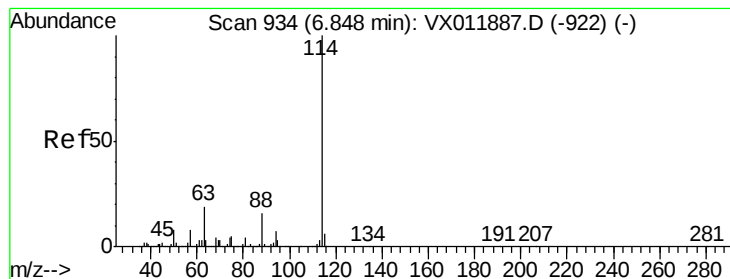
Tot Ion: 42 Resp: 6250
Ion Ratio Lower Upper
42 100
72 47.1 36.2 54.4
71 46.6 33.1 49.7



#33
1,2-Dichloroethane-d4
Concen: 41.652 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011956.D
Acq: 31 Aug 2019 17:43

Tgt Ion: 65 Resp: 169564
Ion Ratio Lower Upper
65 100
67 51.1 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: VX011956.D

Acq: 31 Aug 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-D-(0)

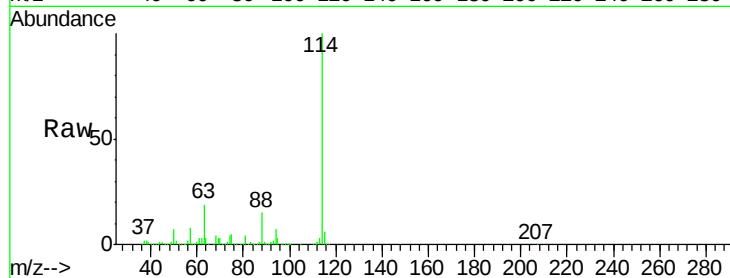
Tot Ion:114 Resp: 548713

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.8

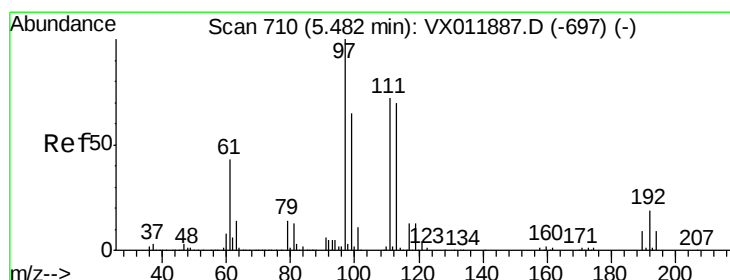
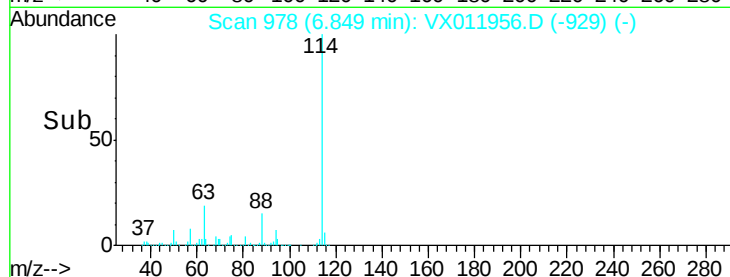
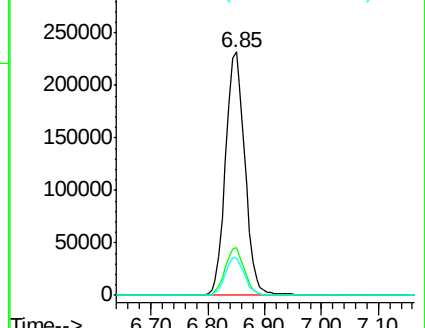
88 15.4 0.0 31.2



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: 44.735 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011956.D

Acq: 31 Aug 2019 17:43

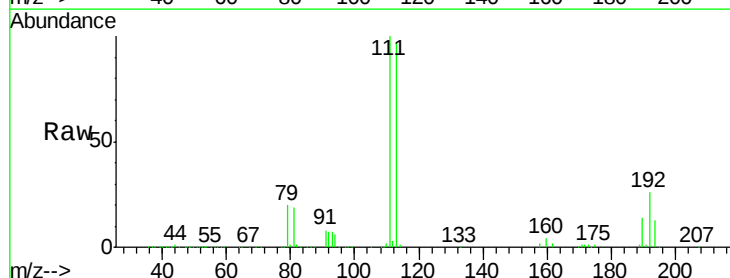
Tgt Ion:113 Resp: 157405

Ion Ratio Lower Upper

113 100

111 101.5 82.1 123.1

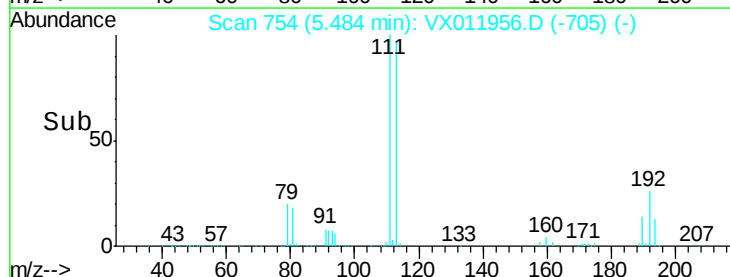
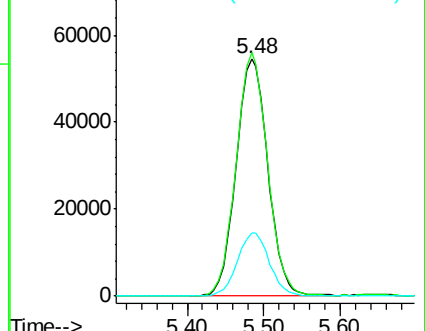
192 26.8 21.5 32.3

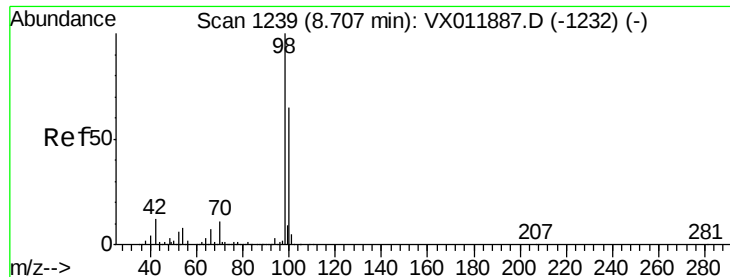


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.193 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX011956.D

Acq: 31 Aug 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

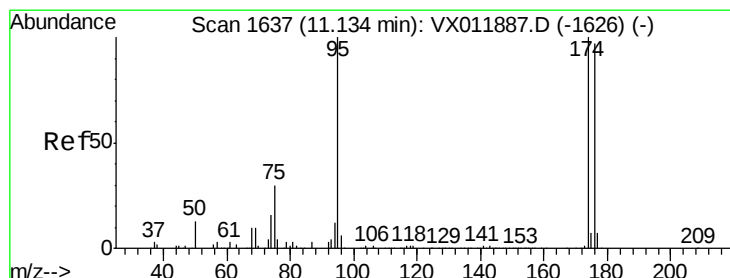
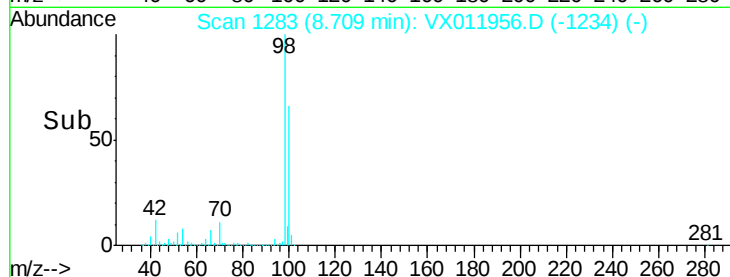
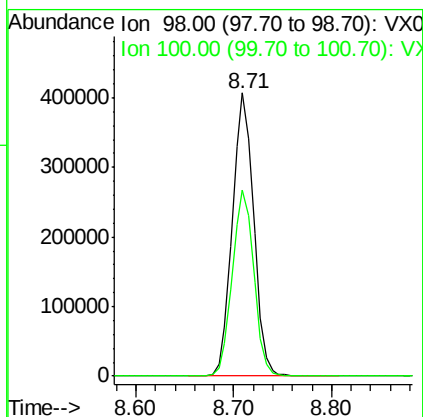
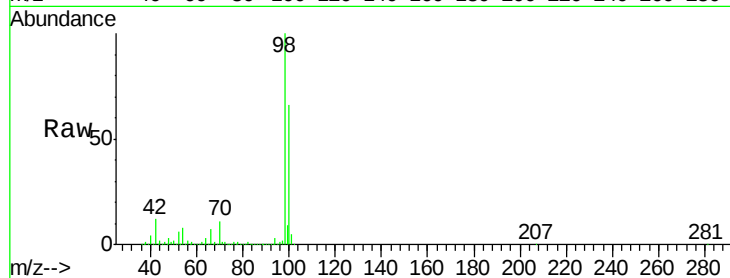
T9-12-13-D-(0)

Tot Ion: 98 Resp: 618746

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 41.820 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011956.D

Acq: 31 Aug 2019 17:43

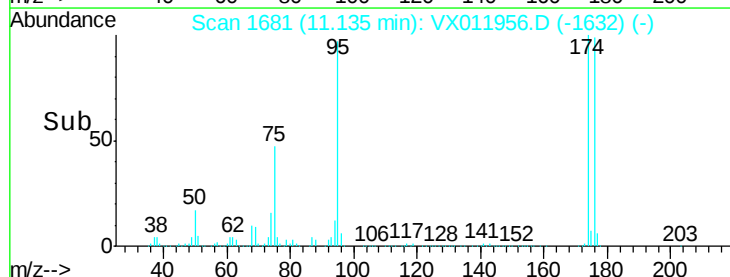
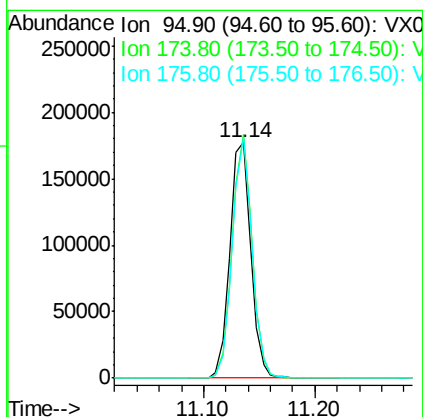
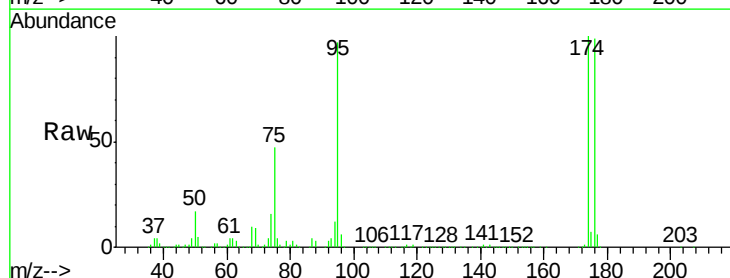
Tgt Ion: 95 Resp: 230740

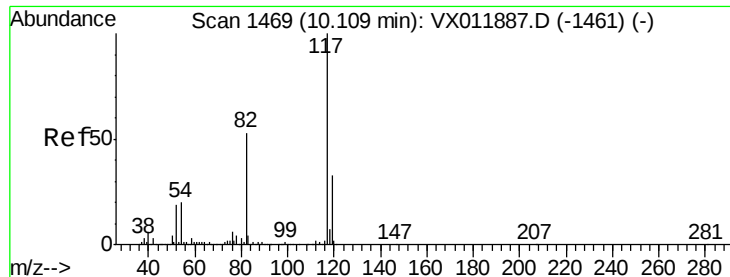
Ion Ratio Lower Upper

95 100

174 97.8 0.0 196.0

176 96.7 0.0 191.4

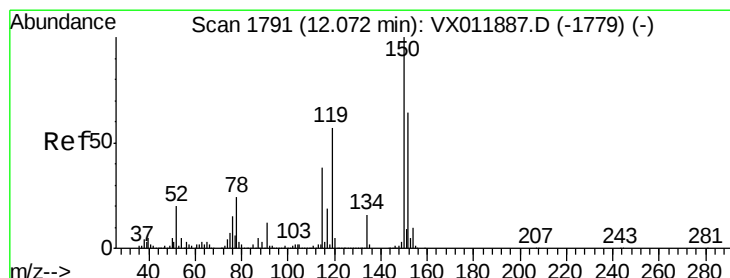
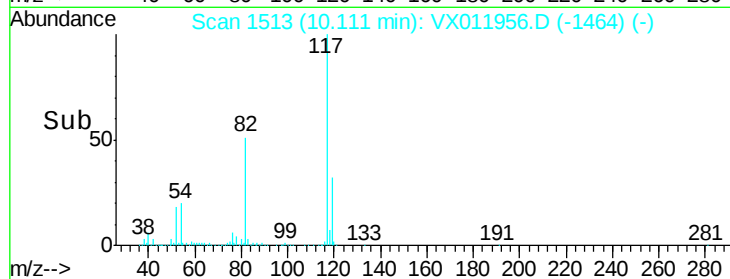
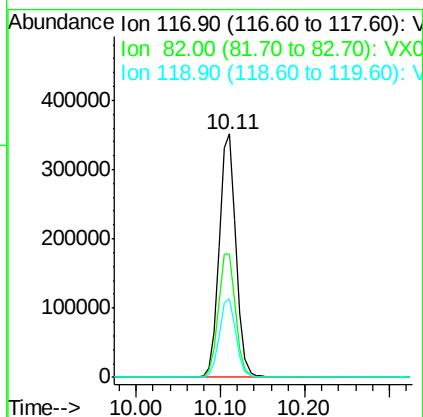
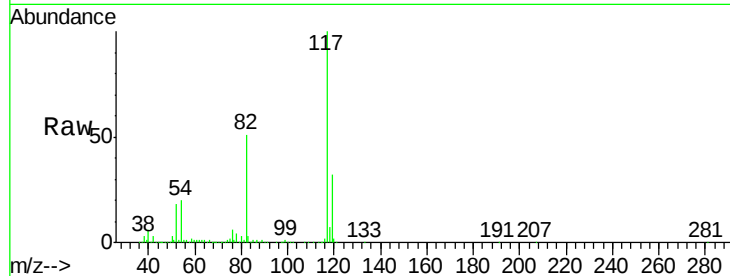




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011956.D
Acq: 31 Aug 2019 17:43

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

Tot Ion:117 Resp: 480841
Ion Ratio Lower Upper
117 100
82 50.9 42.0 63.0
119 32.2 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: VX011956.D
Acq: 31 Aug 2019 17:43

Tgt Ion:152 Resp: 258567
Ion Ratio Lower Upper
152 100
115 53.4 37.1 111.3
150 155.3 0.0 339.6

