

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083019\
 Data File : VX011924.D
 Acq On : 30 Aug 2019 23:59
 Operator : SY/SP
 Sample : K4475-06
 Misc : 5.60g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-2-D-(2.5)

Quant Time: Aug 31 03:18:03 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

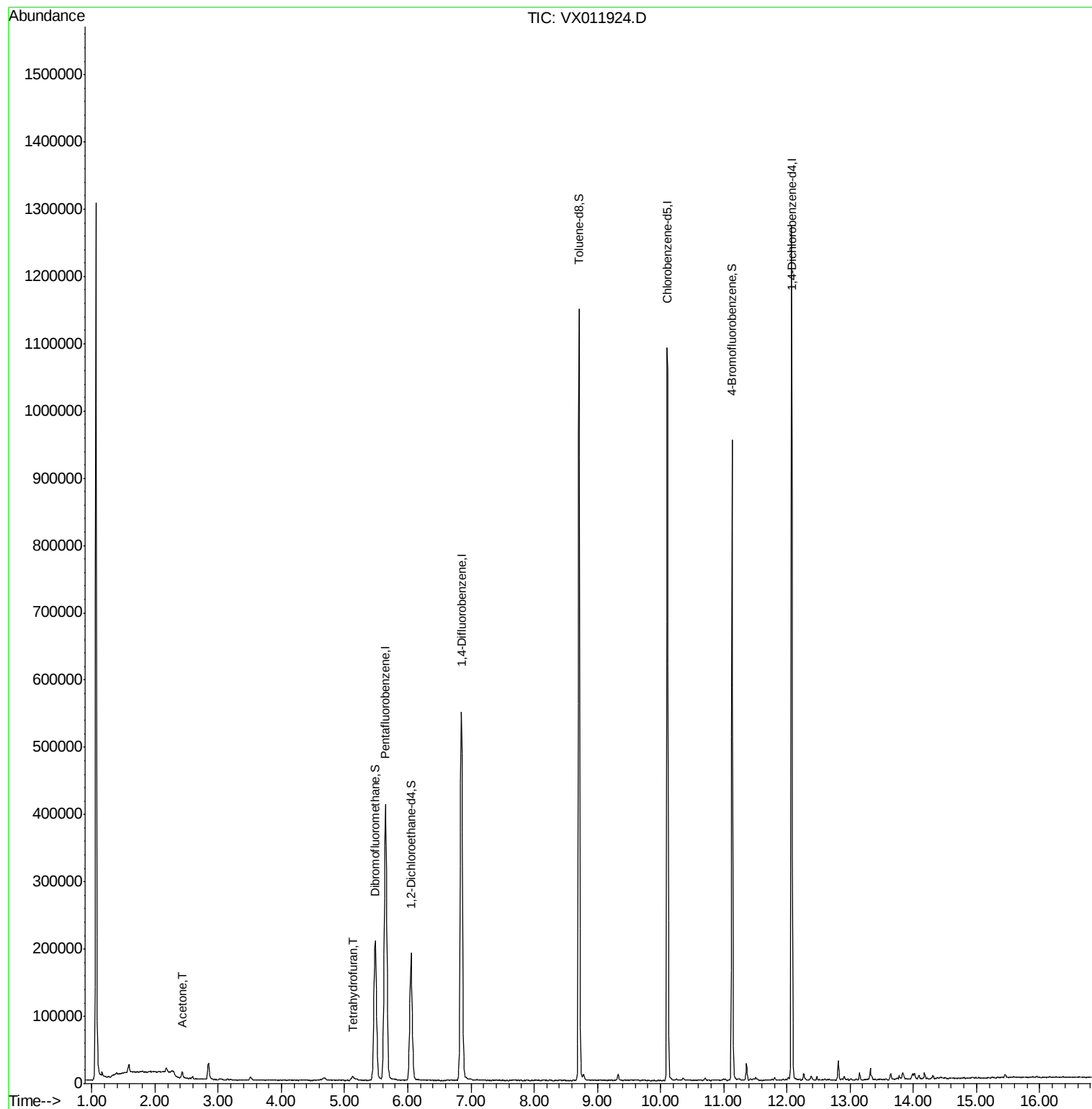
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	438134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	578726	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	510222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	270554	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	182434	43.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.92%	
35) Dibromofluoromethane	5.48	113	171450	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
50) Toluene-d8	8.71	98	657554	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.13	95	242695	41.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.42%	
Target Compounds						
16) Acetone	2.43	43	11777	13.039	ug/l	96
29) Tetrahydrofuran	5.13	42	6208	7.561	ug/l	95

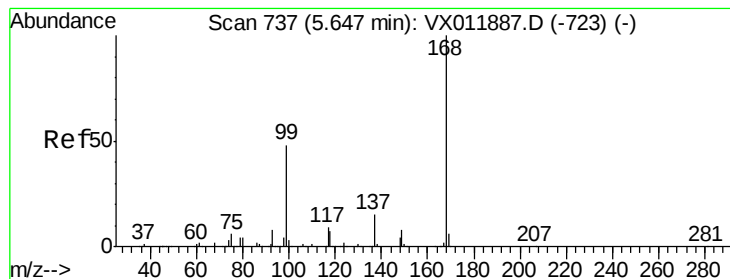
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011924.D

Acq: 30 Aug 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

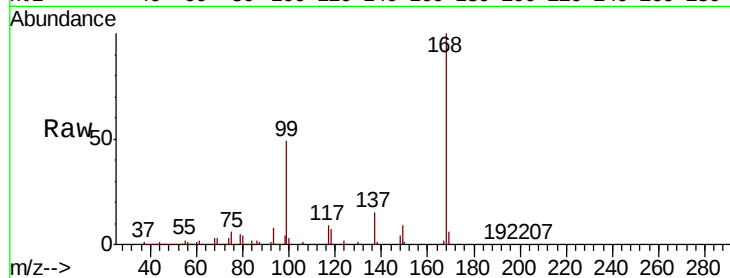
T1-2-D-(2.5)

Tot Ion:168 Resp: 438134

Ion Ratio Lower Upper

168 100

99 48.5 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

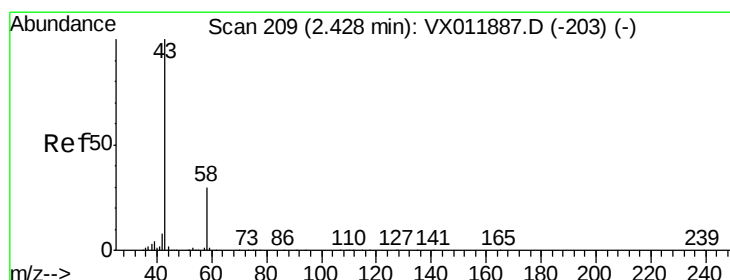
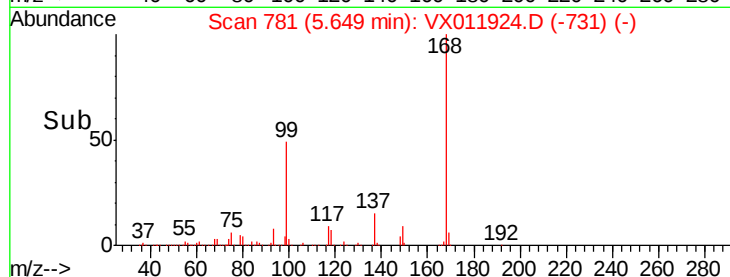
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 13.039 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011924.D

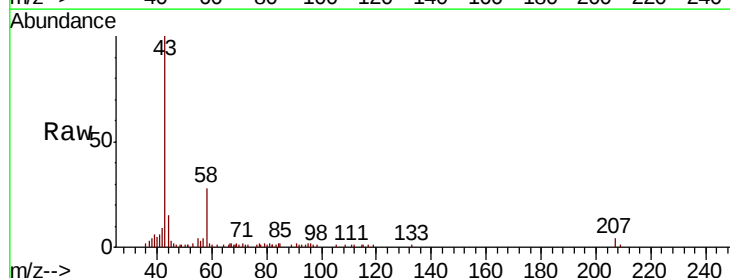
Acq: 30 Aug 2019 23:59

Tgt Ion: 43 Resp: 11777

Ion Ratio Lower Upper

43 100

58 27.4 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

8000

6000

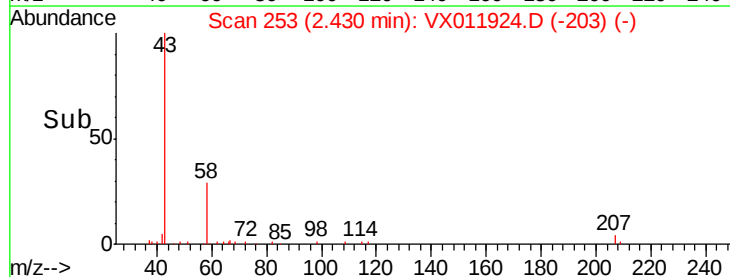
4000

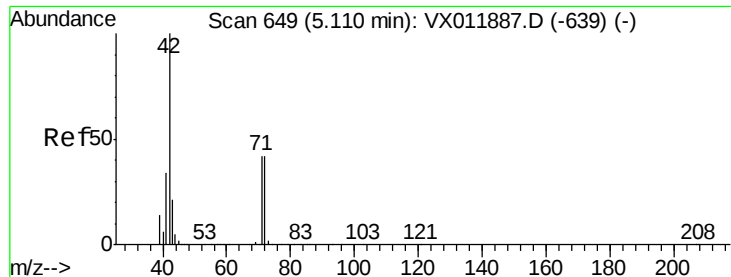
2000

0

Time-->

2.35 2.40 2.45 2.50





#29

Tetrahydrofuran

Concen: 7.561 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX011924.D

Acq: 30 Aug 2019 23:59

Instrument :

MSVOA_X

ClientSampled :

T1-2-D-(2.5)

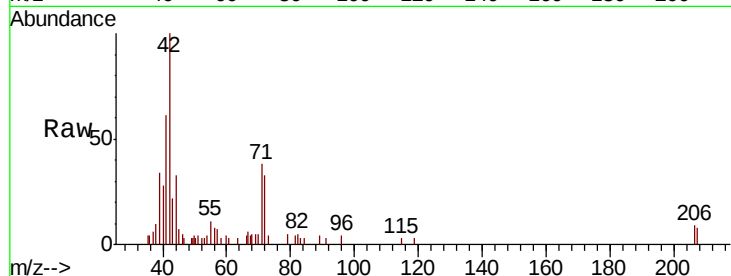
Tot Ion: 42 Resp: 6208

Ion Ratio Lower Upper

42 100

72 41.5 36.2 54.4

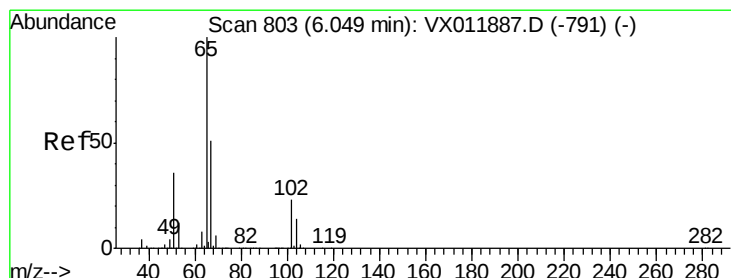
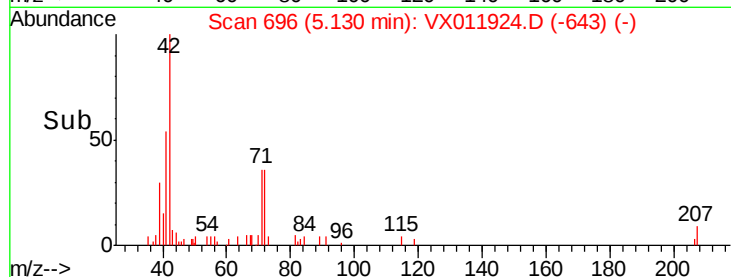
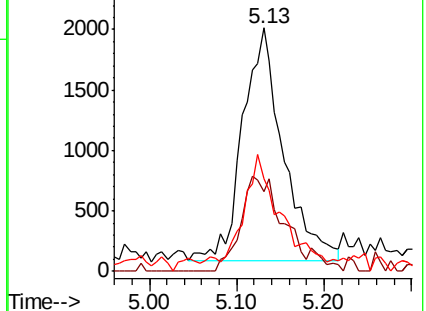
71 44.1 33.1 49.7



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: 43.460 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX011924.D

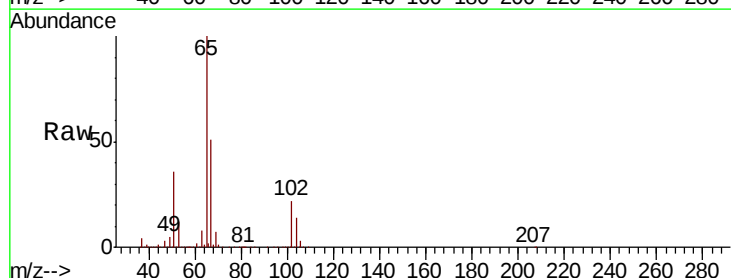
Acq: 30 Aug 2019 23:59

Tgt Ion: 65 Resp: 182434

Ion Ratio Lower Upper

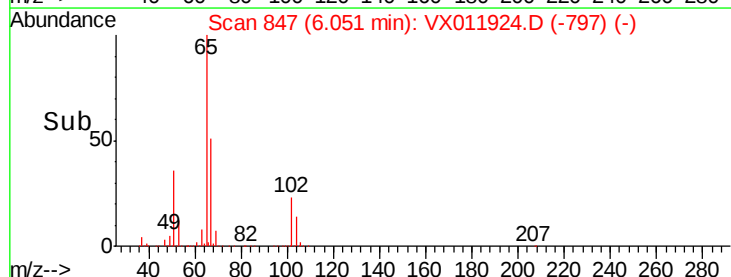
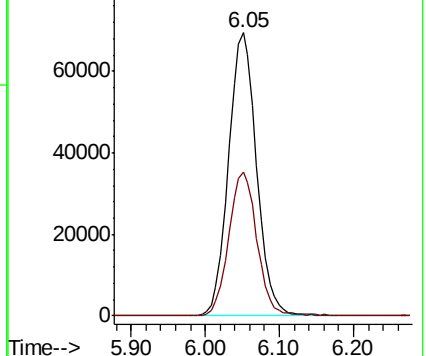
65 100

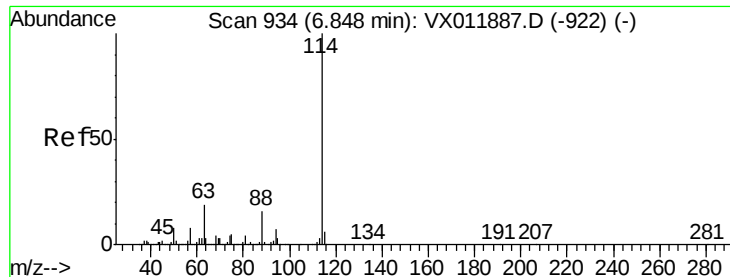
67 50.8 0.0 102.2



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: VX011924.D

Acq: 30 Aug 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

T1-2-D-(2.5)

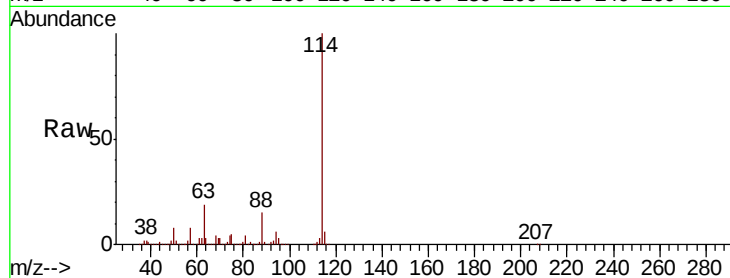
Tot Ion:114 Resp: 578726

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

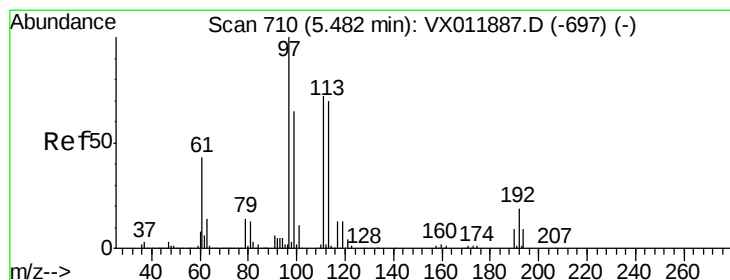
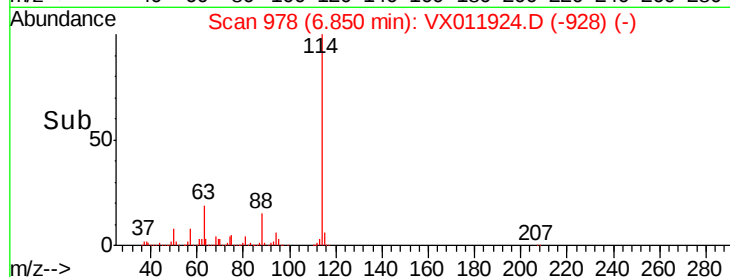
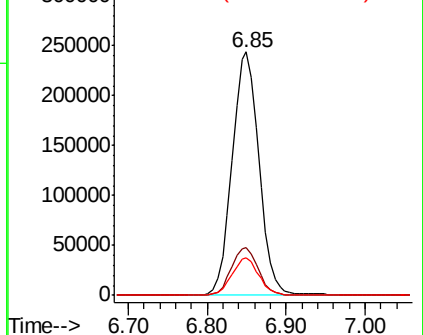
88 15.2 0.0 31.2



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: 46.200 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011924.D

Acq: 30 Aug 2019 23:59

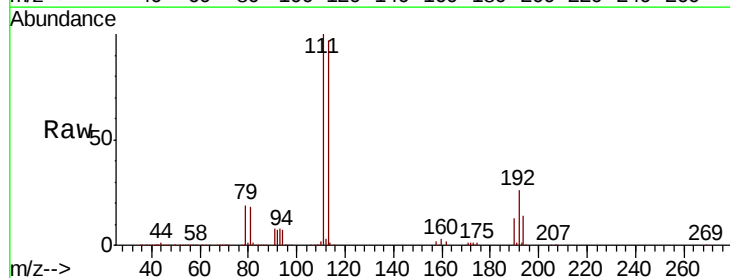
Tgt Ion:113 Resp: 171450

Ion Ratio Lower Upper

113 100

111 101.8 82.1 123.1

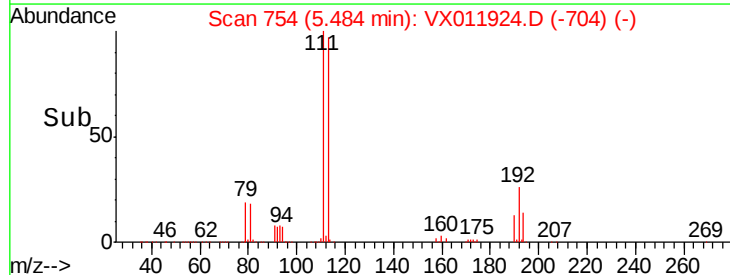
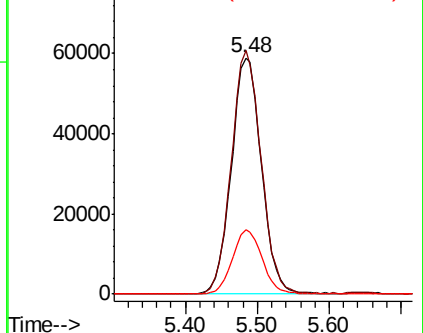
192 26.9 21.5 32.3

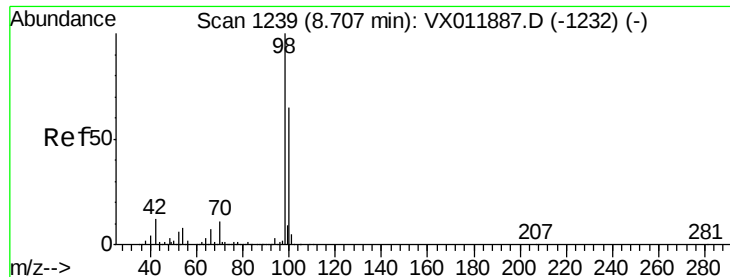


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

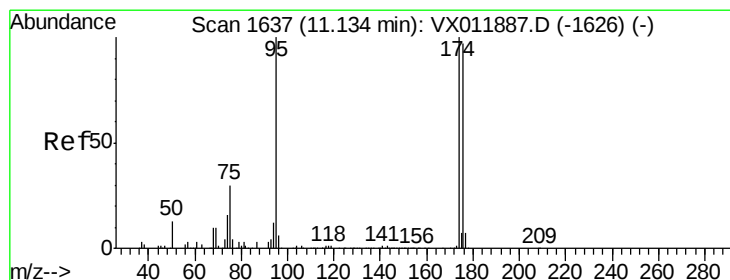
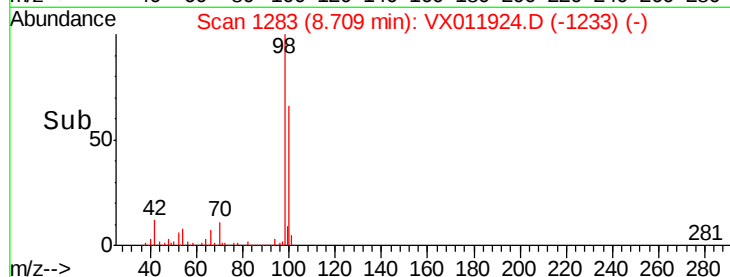
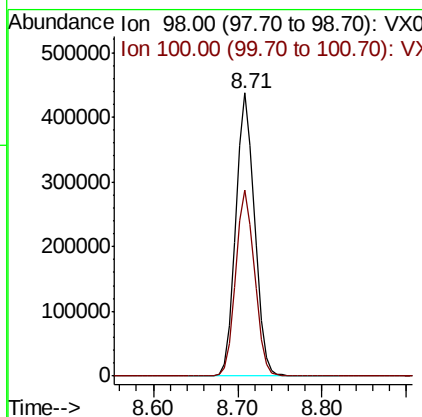
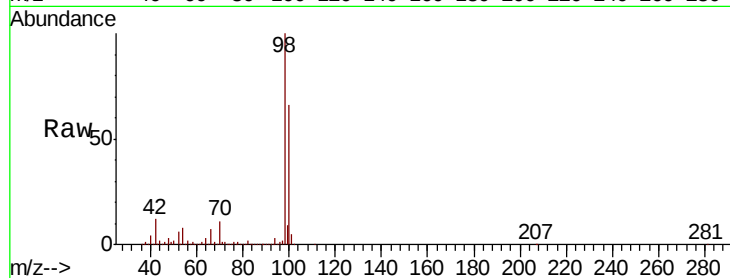




#50
Toluene-d8
Concen: 49.568 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011924.D
Acq: 30 Aug 2019 23:59

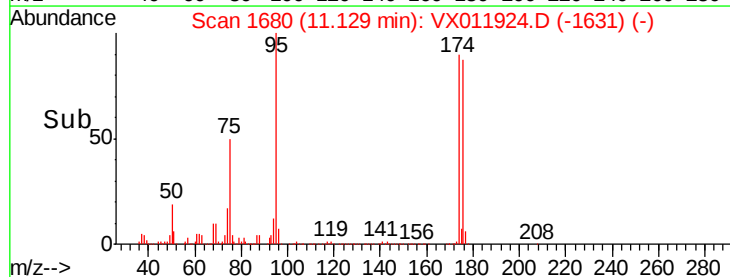
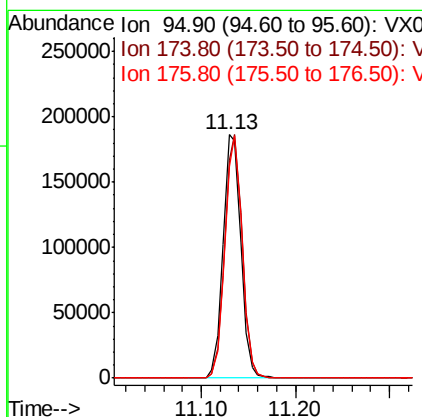
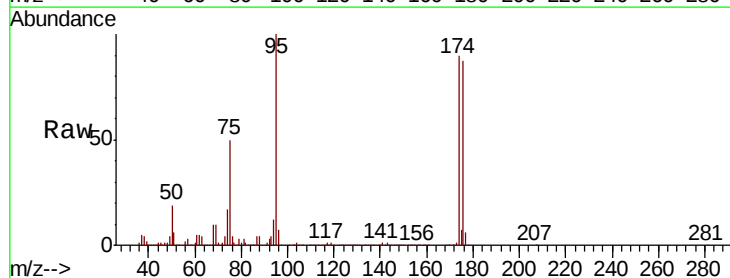
Instrument :
MSVOA_X
ClientSampleId :
T1-2-D-(2.5)

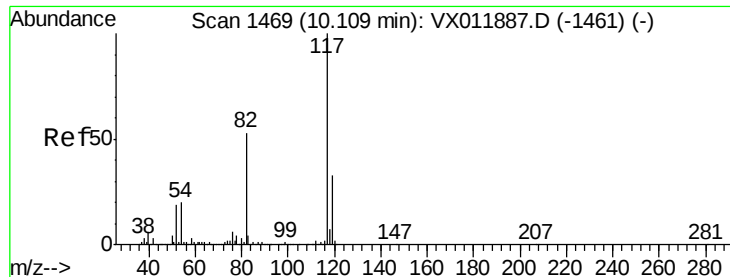
Tot Ion: 98 Resp: 657554
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 41.706 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX011924.D
Acq: 30 Aug 2019 23:59

Tgt Ion: 95 Resp: 242695
Ion Ratio Lower Upper
95 100
174 98.5 0.0 196.0
176 96.6 0.0 191.4

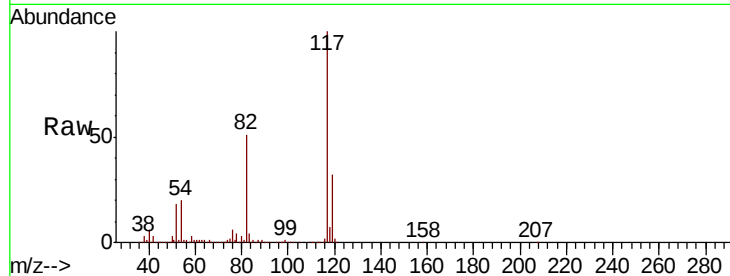




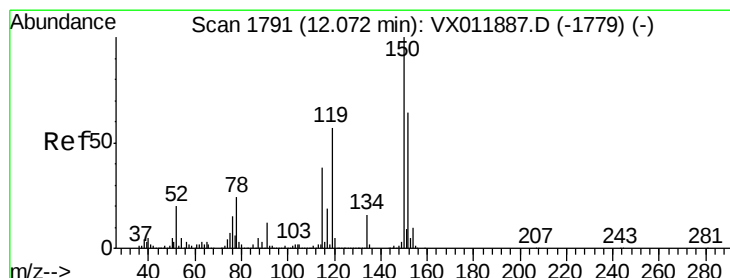
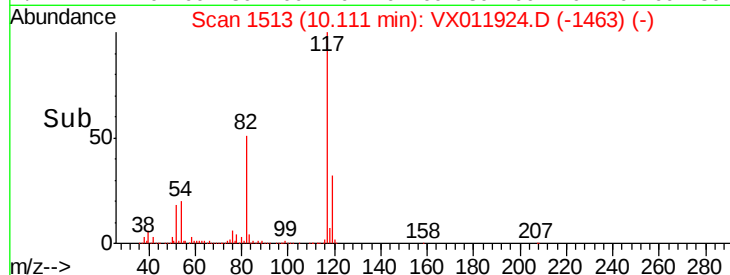
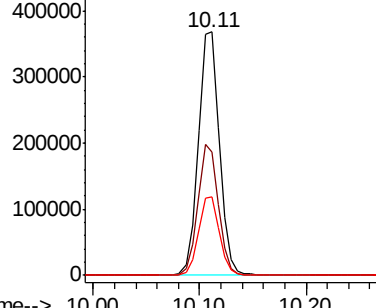
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011924.D
Acq: 30 Aug 2019 23:59

Instrument :
MSVOA_X
ClientSampleId :
T1-2-D-(2.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	42.0	63.0
119	32.2	26.2	39.4

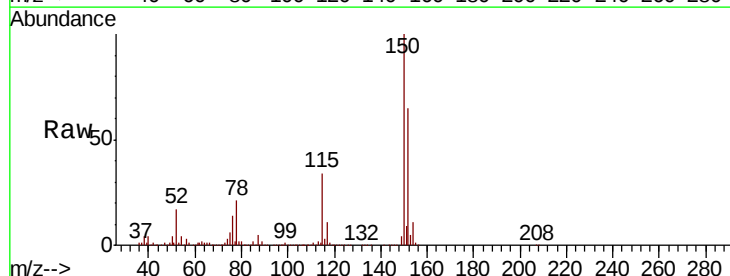


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011924.D
Acq: 30 Aug 2019 23:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.5	37.1	111.3
150	154.8	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

