

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090619\
 Data File : VX012151.D
 Acq On : 06 Sep 2019 16:37
 Operator : SY/SP
 Sample : K4601-07
 Misc : 2.39g/5.0mL/MSVOA X/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-E2-(2.7)

Quant Time: Sep 07 01:37:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

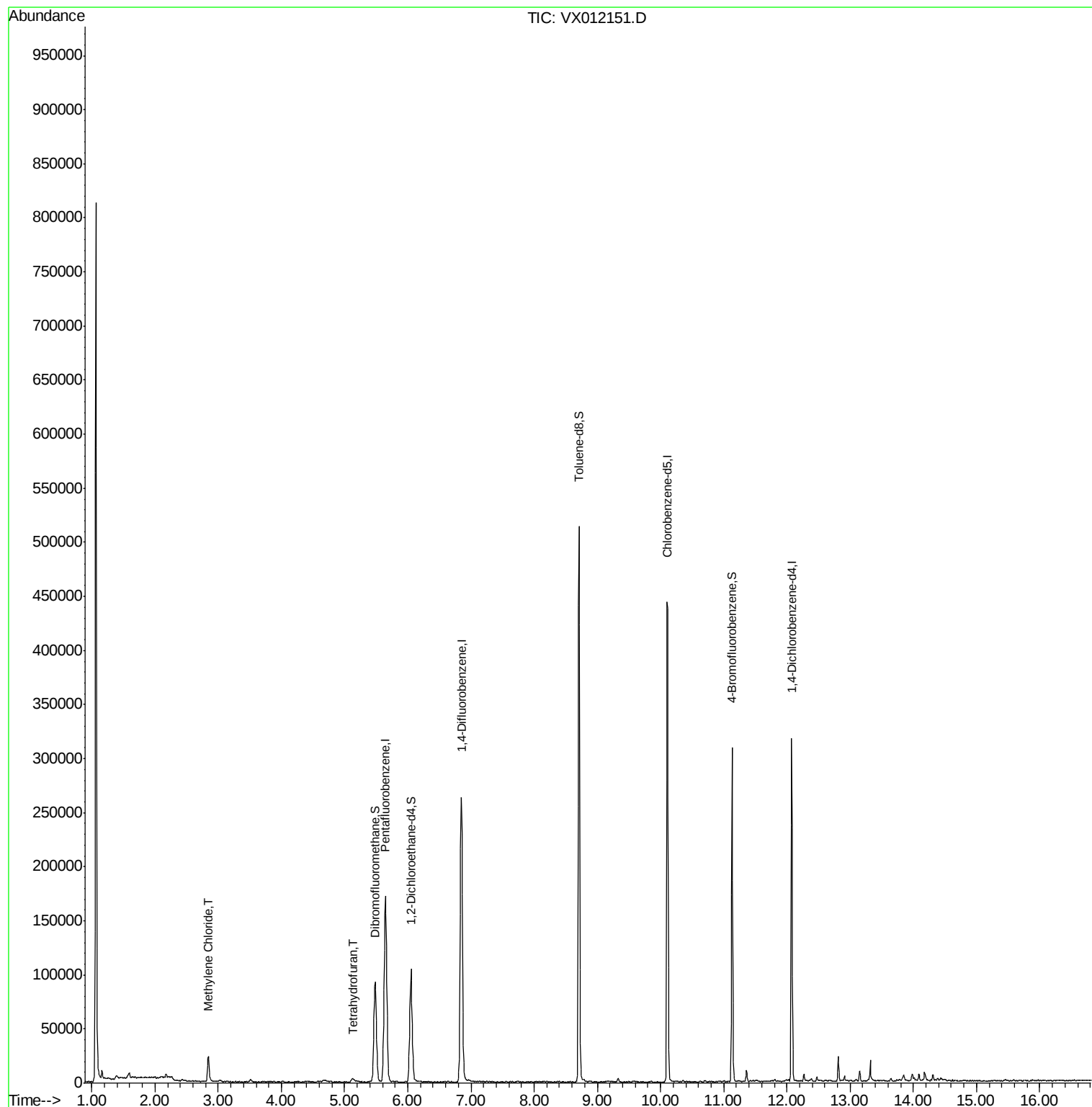
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	144632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	255946	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	195203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	57102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	102854	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
35) Dibromofluoromethane	5.48	113	77772	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
50) Toluene-d8	8.71	98	287333	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	90801	33.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.60%	
Target Compounds						
20) Methylene Chloride	2.84	84	11059	5.774	ug/l	99
29) Tetrahydrofuran	5.12	42	3015	8.242	ug/l	94

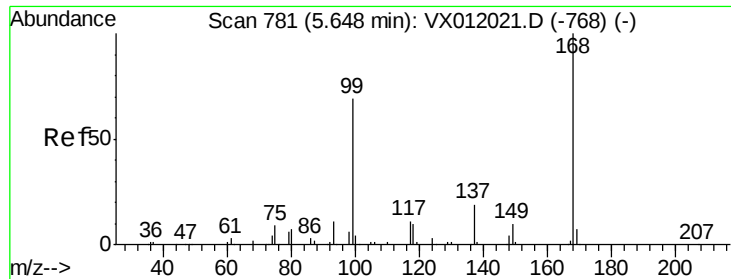
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090619\
Data File : VX012151.D
Acq On : 06 Sep 2019 16:37
Operator : SY/SP
Sample : K4601-07
Misc : 2.39g/5.0mL/MSVOA X/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T12-E2-(2.7)

Quant Time: Sep 07 01:37:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 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: VX012151.D

Acq: 06 Sep 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

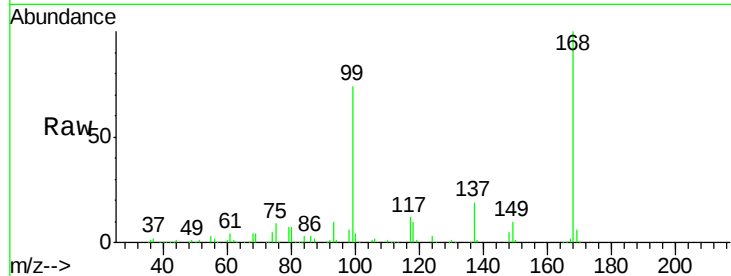
T12-E2-(2.7)

Tot Ion:168 Resp: 144632

Ion Ratio Lower Upper

168 100

99 73.6 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

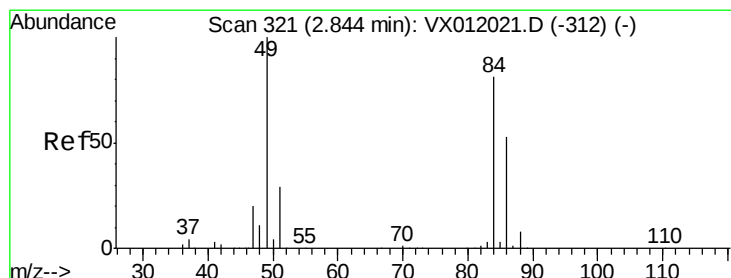
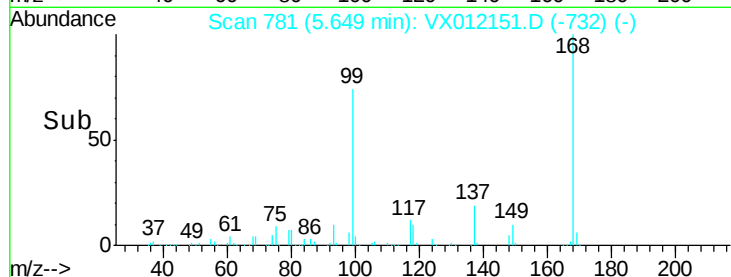
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 5.774 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX012151.D

Acq: 06 Sep 2019 16:37

Tgt Ion: 84 Resp: 11059

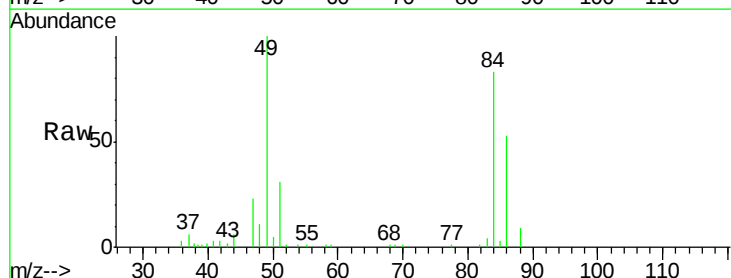
Ion Ratio Lower Upper

84 100

49 120.3 95.8 143.8

51 36.8 28.6 43.0

86 63.1 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

10000

8000

6000

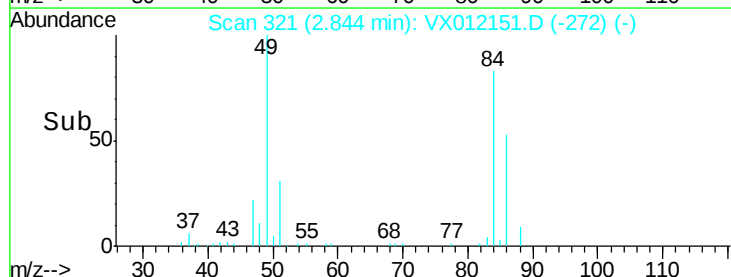
4000

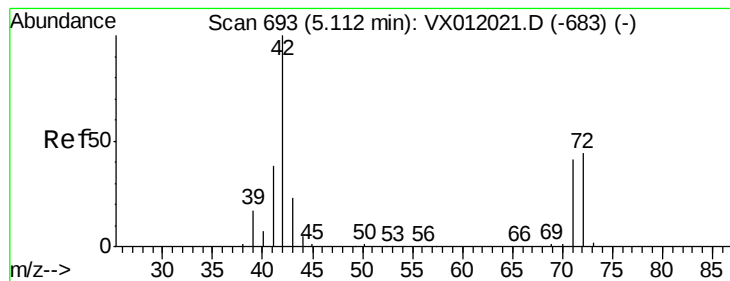
2000

0

Time-->

2.75 2.80 2.85 2.90 2.95





#29

Tetrahydrofuran

Concen: 8.242 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX012151.D

Acq: 06 Sep 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

T12-E2-(2.7)

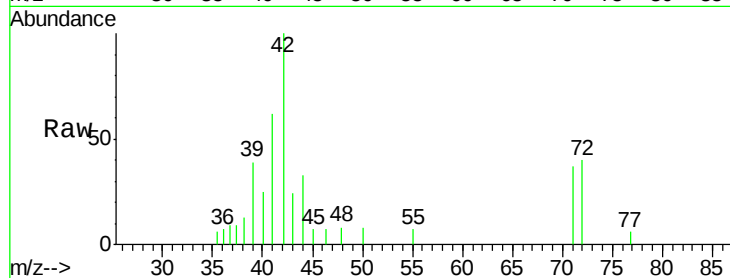
Tot Ion: 42 Resp: 3015

Ion Ratio Lower Upper

42 100

72 40.2 37.0 55.4

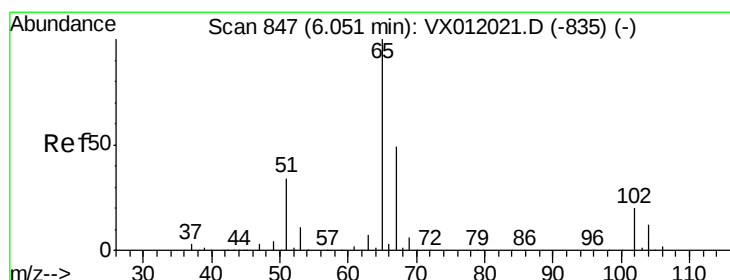
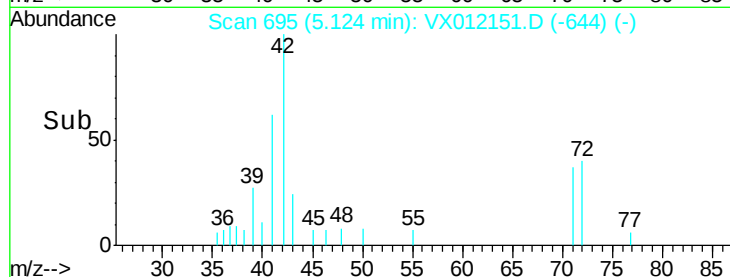
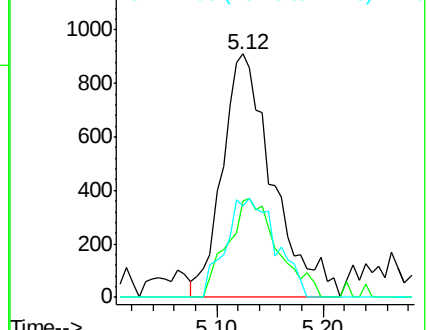
71 40.9 33.8 50.8



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: 51.539 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012151.D

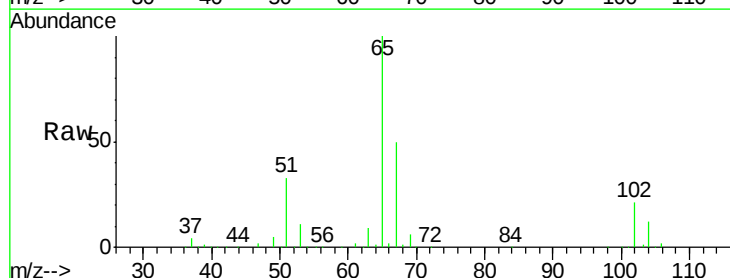
Acq: 06 Sep 2019 16:37

Tgt Ion: 65 Resp: 102854

Ion Ratio Lower Upper

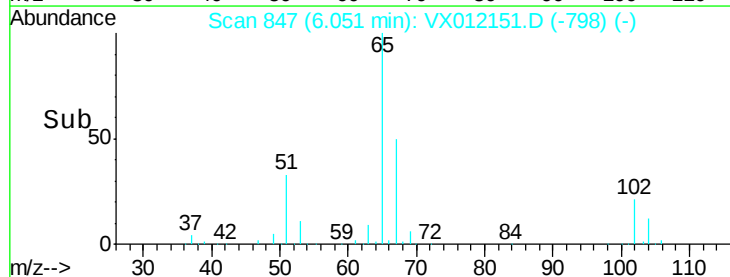
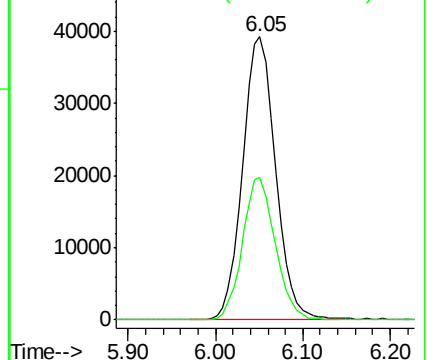
65 100

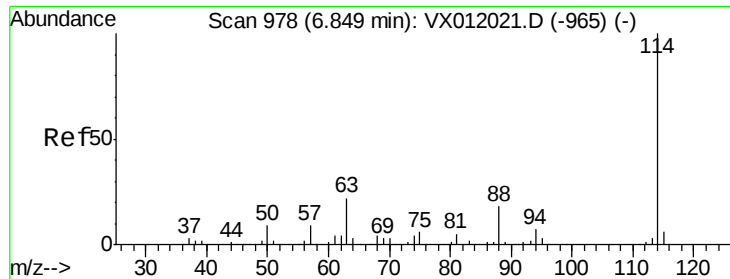
67 50.1 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

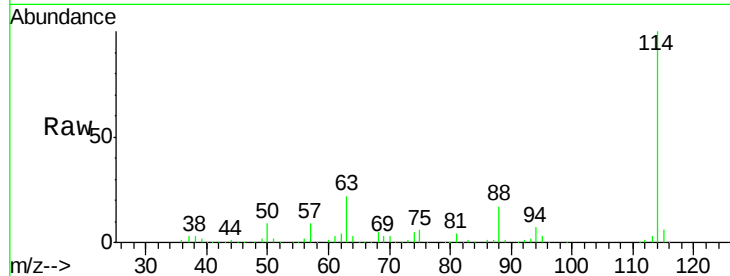




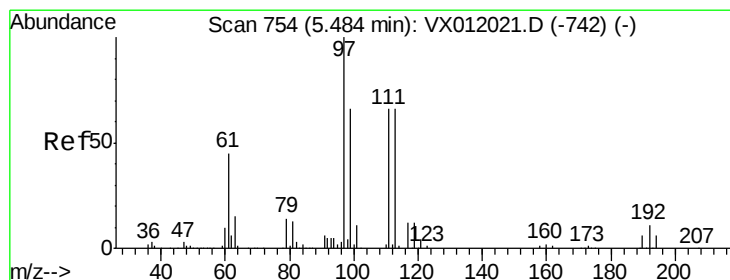
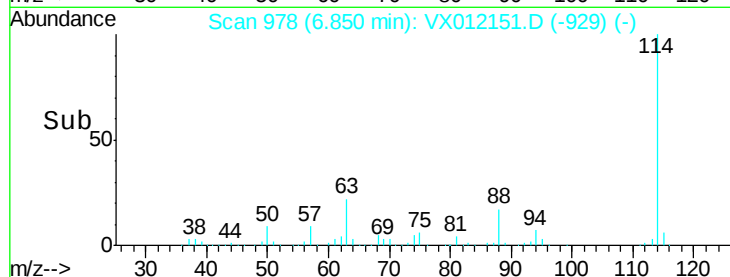
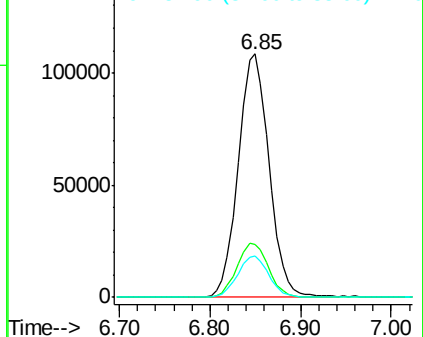
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012151.D
 Acq: 06 Sep 2019 16:37

Instrument :
 MSVOA_X
 ClientSampled :
 T12-E2-(2.7)

Tot Ion:114 Resp: 255946
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 37.4
 88 16.8 0.0 29.6

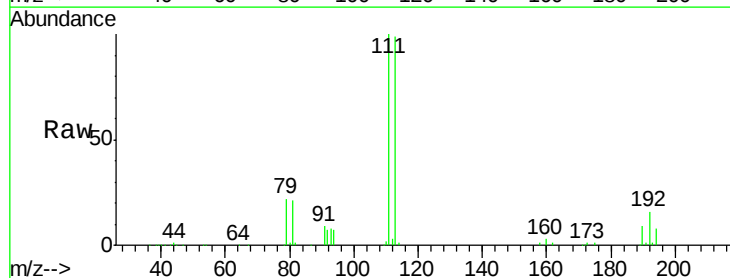


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

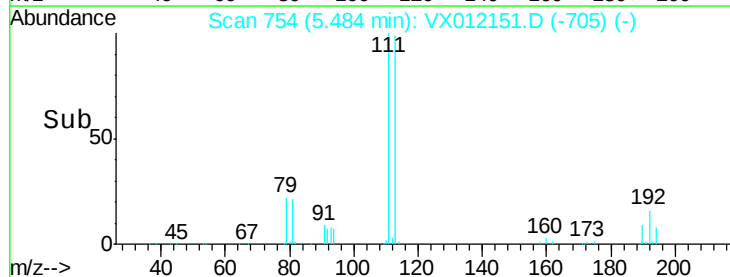
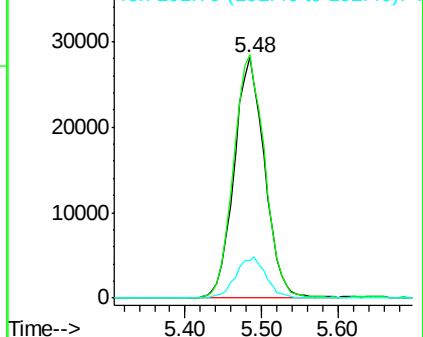


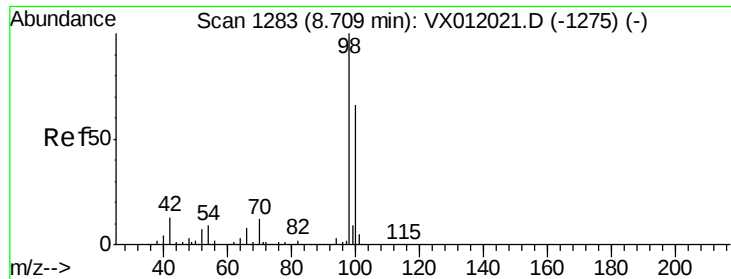
#35
 Dibromofluoromethane
 Concen: 49.411 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX012151.D
 Acq: 06 Sep 2019 16:37

Tgt Ion:113 Resp: 77772
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.7 122.5
 192 17.0 22.5 33.7#



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: 49.747 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012151.D

Acq: 06 Sep 2019 16:37

Instrument :

MSVOA_X

ClientSampleId :

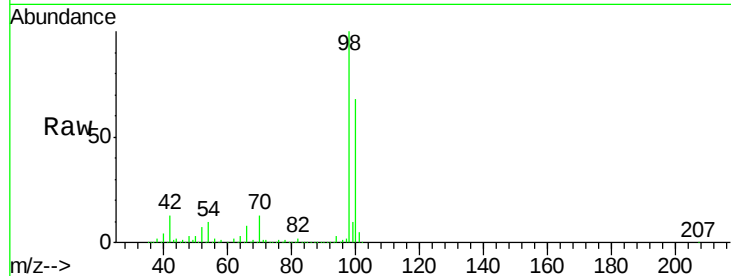
T12-E2-(2.7)

Tot Ion: 98 Resp: 287333

Ion Ratio Lower Upper

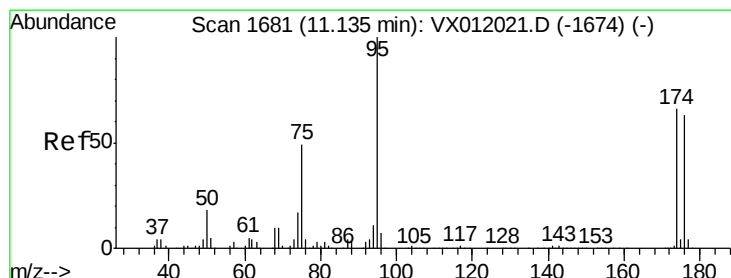
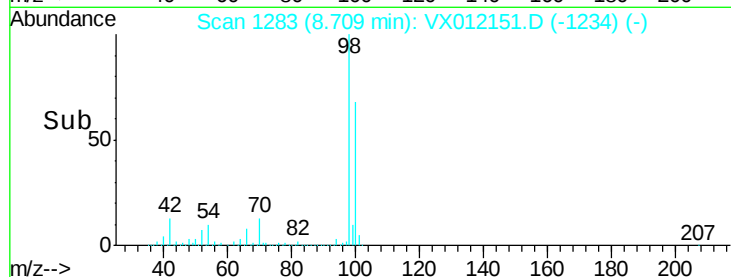
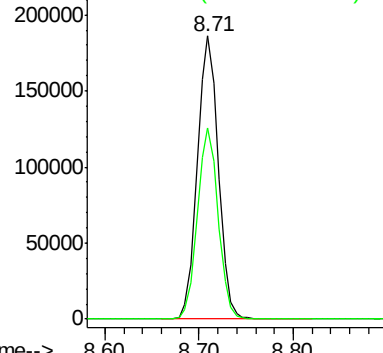
98 100

100 66.8 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 33.804 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012151.D

Acq: 06 Sep 2019 16:37

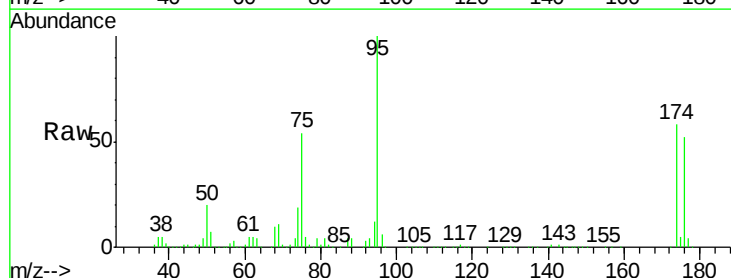
Tgt Ion: 95 Resp: 90801

Ion Ratio Lower Upper

95 100

174 65.2 0.0 205.4

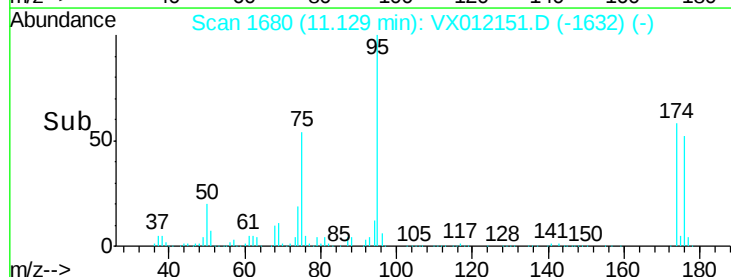
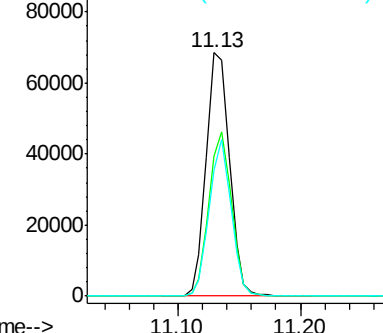
176 60.2 0.0 201.8

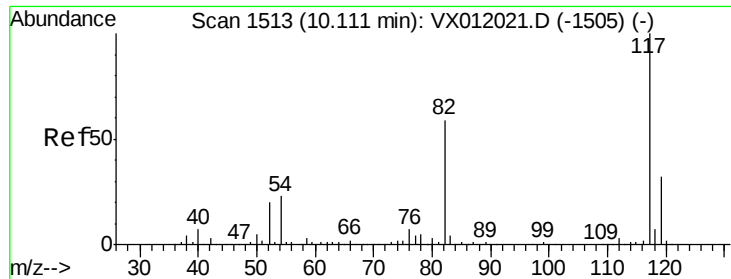


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

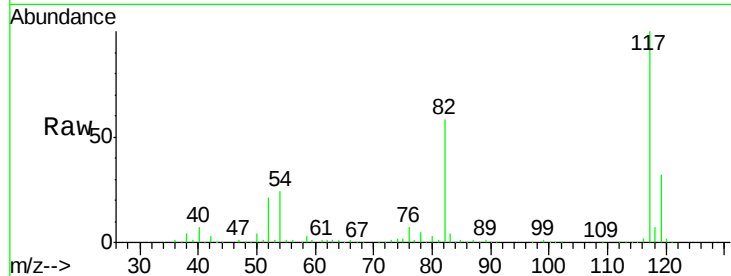




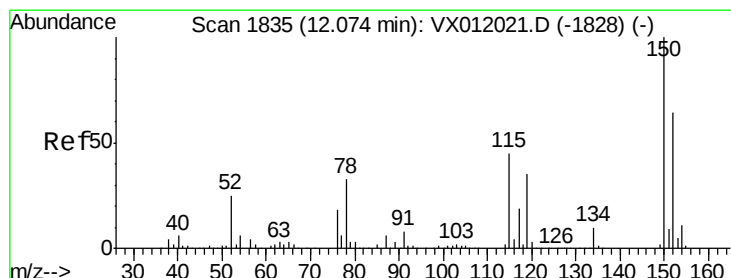
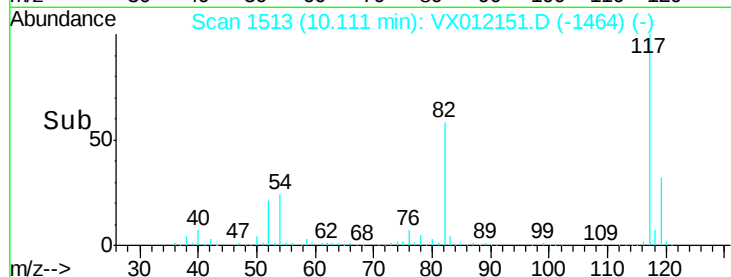
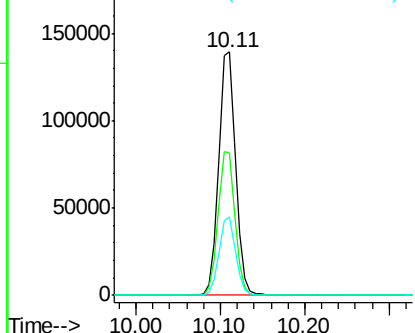
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012151.D
Acq: 06 Sep 2019 16:37

Instrument :
MSVOA_X
ClientSampleId :
T12-E2-(2.7)

Tot Ion:117 Resp: 195203
Ion Ratio Lower Upper
117 100
82 58.5 39.4 59.0
119 32.1 26.1 39.1

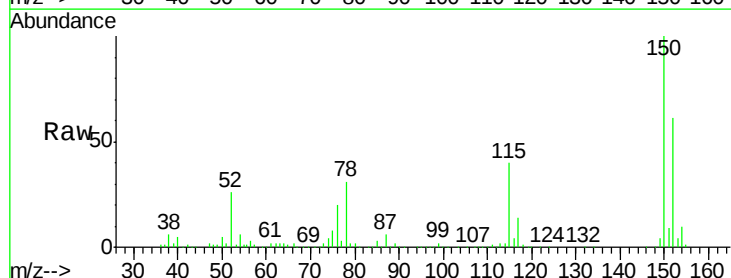


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012151.D
Acq: 06 Sep 2019 16:37

Tgt Ion:152 Resp: 57102
Ion Ratio Lower Upper
152 100
115 66.0 36.4 109.3
150 158.5 0.0 341.2



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

