

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012133.D
 Acq On : 06 Sep 2019 07:31
 Operator : SY/SP
 Sample : K4580-08
 Misc : 3.79g/5.0mL/MSVOA X/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-B1-(3.5)

Quant Time: Sep 06 11:36:05 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

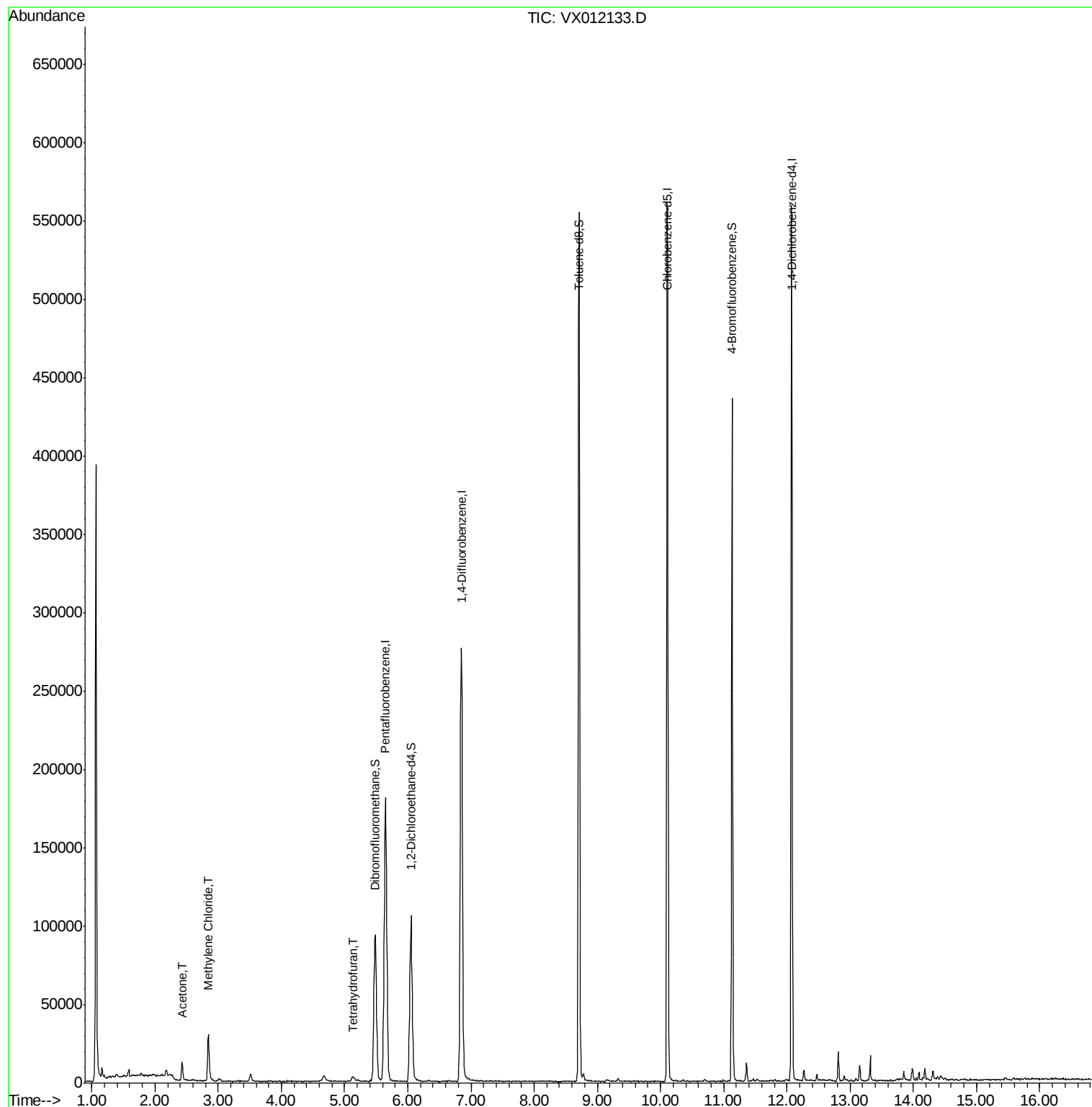
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	151054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	266739	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100205	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	107125	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
35) Dibromofluoromethane	5.48	113	80961	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	8.71	98	316560	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	11.13	95	128094	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
Target Compounds						
16) Acetone	2.43	43	12330	24.750	ug/l	96
20) Methylene Chloride	2.84	84	13392	6.694	ug/l	99
29) Tetrahydrofuran	5.12	42	2995	7.839	ug/l	95

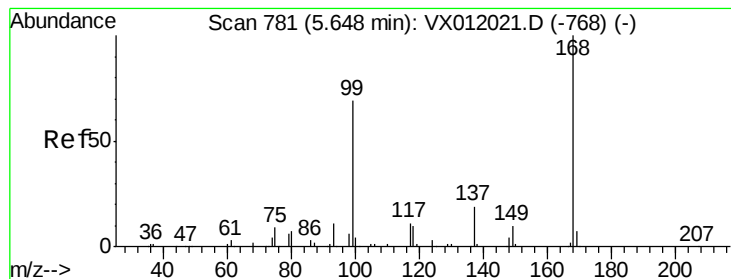
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012133.D

Acq: 06 Sep 2019 07:31

Instrument :

MSVOA_X

ClientSampleId :

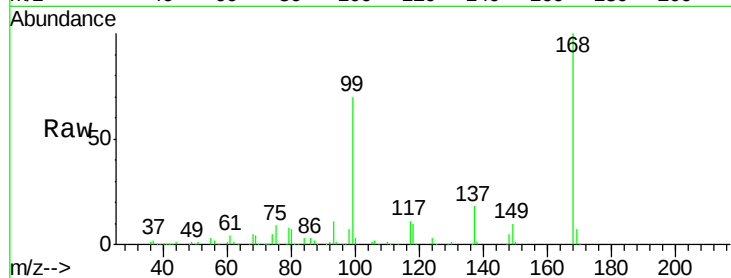
T12-B1-(3.5)

Tot Ion:168 Resp: 151054

Ion Ratio Lower Upper

168 100

99 69.6 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

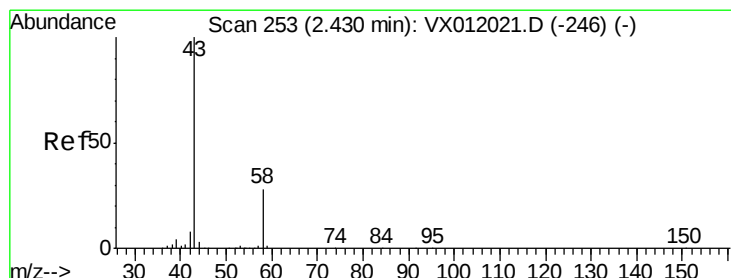
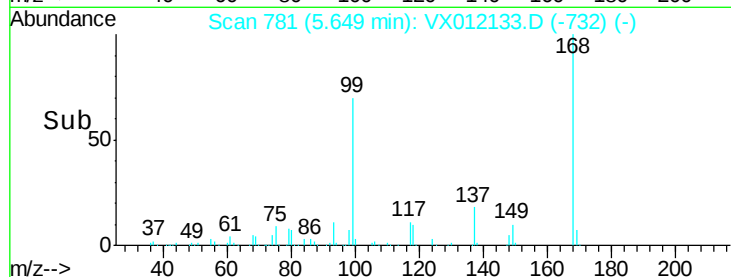
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 24.750 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012133.D

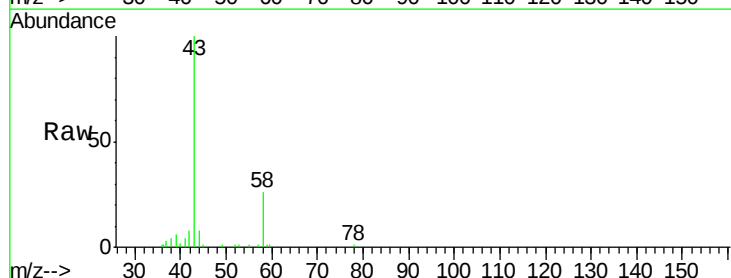
Acq: 06 Sep 2019 07:31

Tgt Ion: 43 Resp: 12330

Ion Ratio Lower Upper

43 100

58 26.3 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

8000

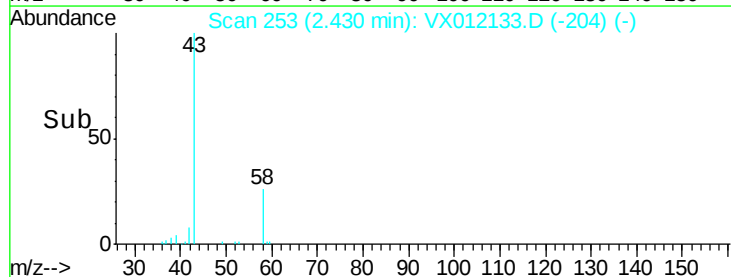
6000

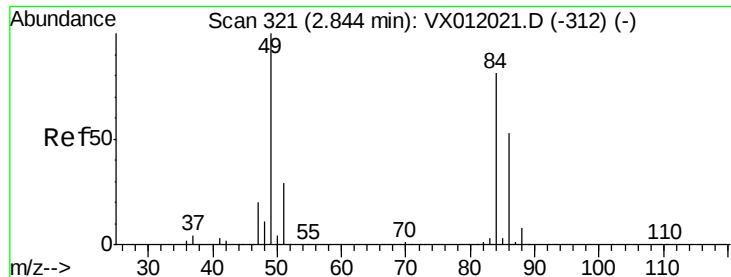
4000

2000

0

Time-->

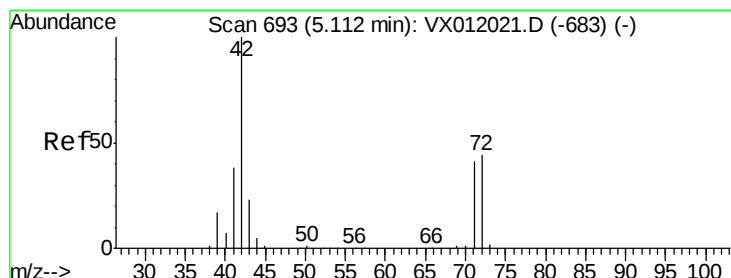
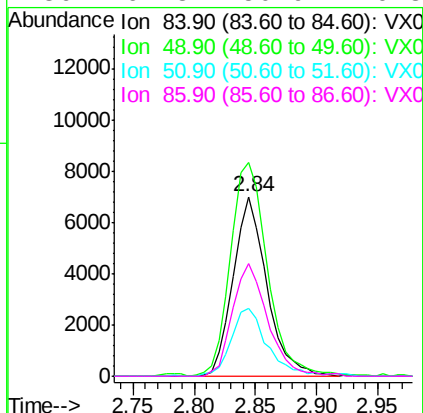
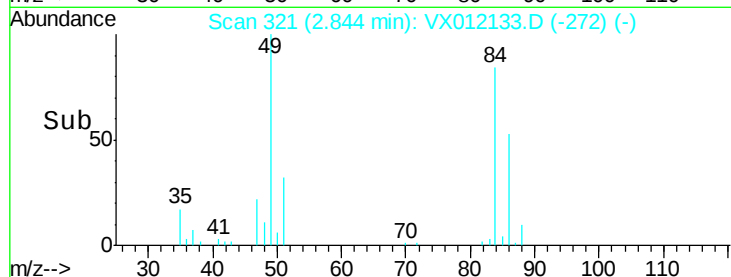
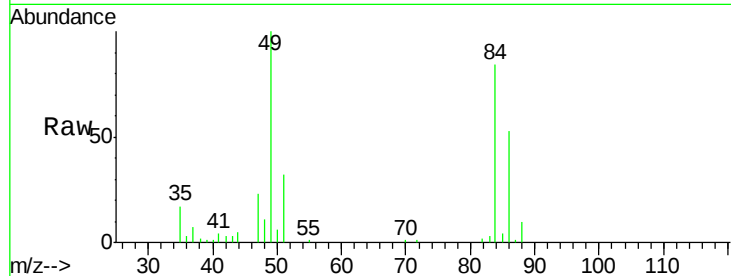




#20
Methvlene Chloride
Concen: 6.694 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012133.D
Acq: 06 Sep 2019 07:31

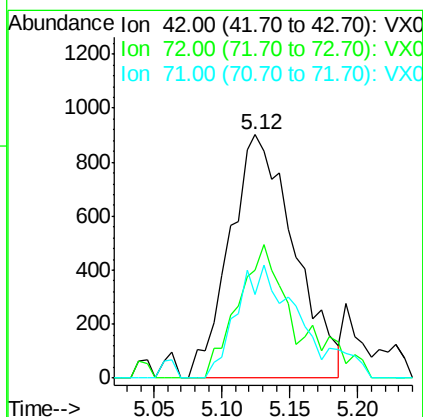
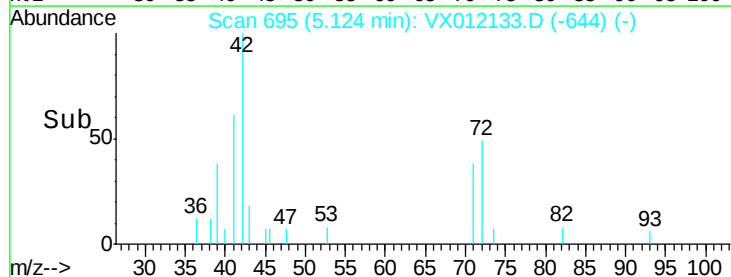
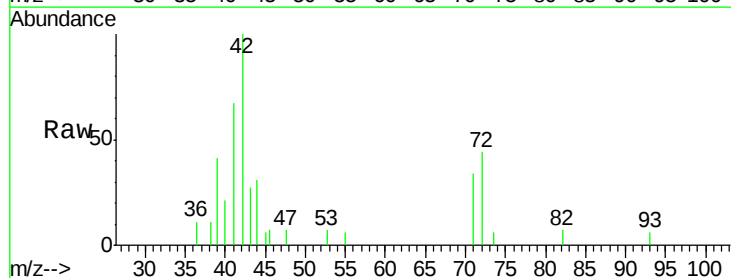
Instrument :
MSVOA_X
ClientSampleId :
T12-B1-(3.5)

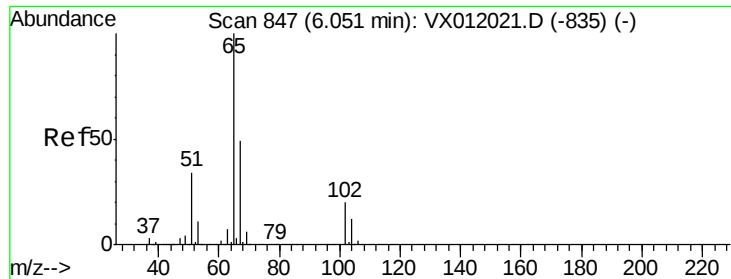
Tot Ion:	84	Resp:	13392
Ion	Ratio	Lower	Upper
84	100		
49	118.8	95.8	143.8
51	37.7	28.6	43.0
86	62.8	50.9	76.3



#29
Tetrahydrofuran
Concen: 7.839 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012133.D
Acq: 06 Sep 2019 07:31

Tgt Ion:	42	Resp:	2995
Ion	Ratio	Lower	Upper
42	100		
72	40.2	37.0	55.4
71	43.0	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 51.397 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012133.D

Acq: 06 Sep 2019 07:31

Instrument :

MSVOA_X

ClientSampleId :

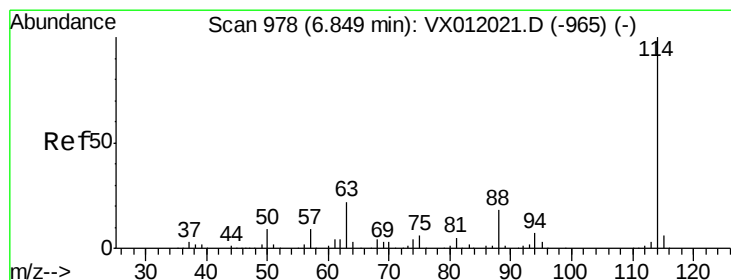
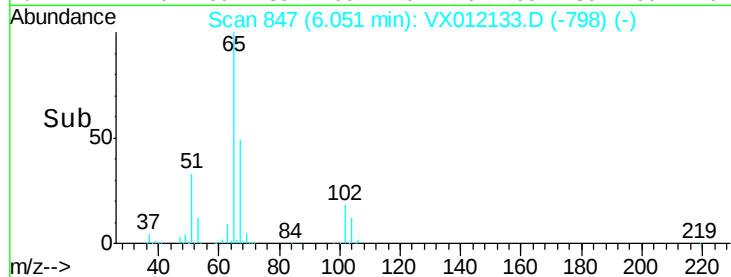
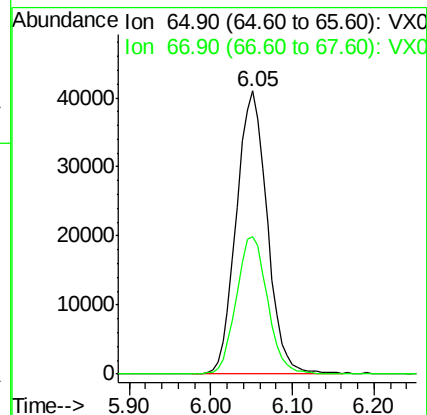
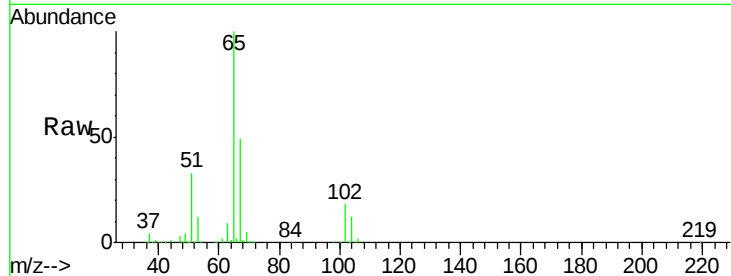
T12-B1-(3.5)

Tot Ion: 65 Resp: 107125

Ion Ratio Lower Upper

65 100

67 49.0 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012133.D

Acq: 06 Sep 2019 07:31

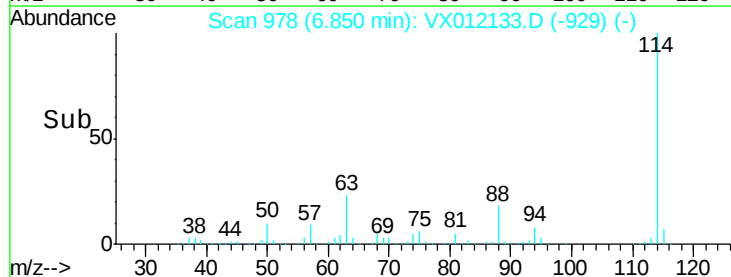
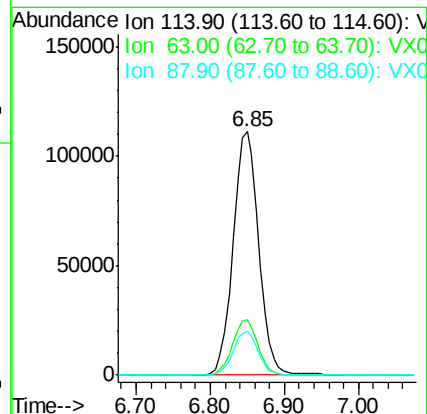
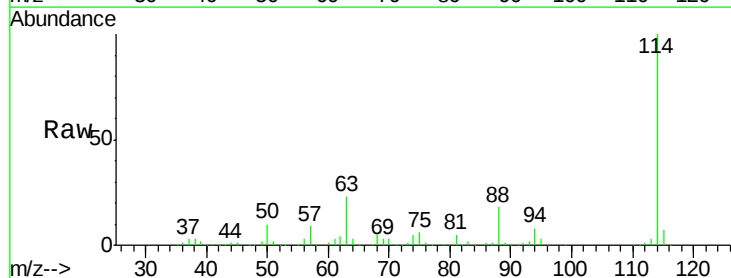
Tgt Ion: 114 Resp: 266739

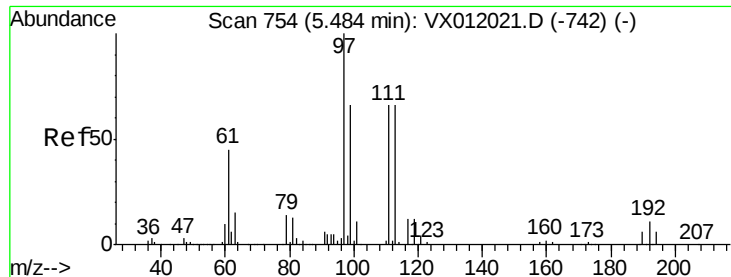
Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.4

88 17.9 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.355 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012133.D

Acq: 06 Sep 2019 07:31

Instrument :

MSVOA_X

ClientSampleId :

T12-B1-(3.5)

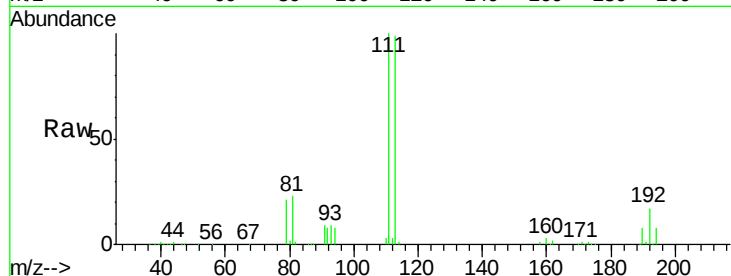
Tot Ion:113 Resp: 80961

Ion Ratio Lower Upper

113 100

111 101.6 81.7 122.5

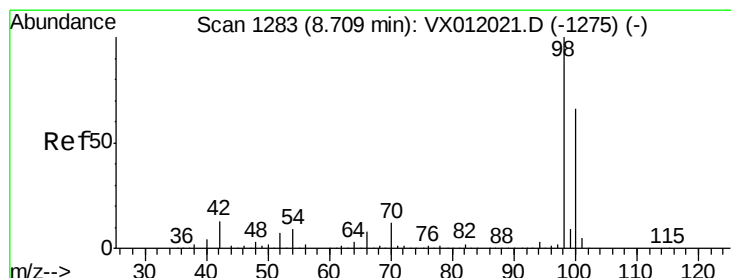
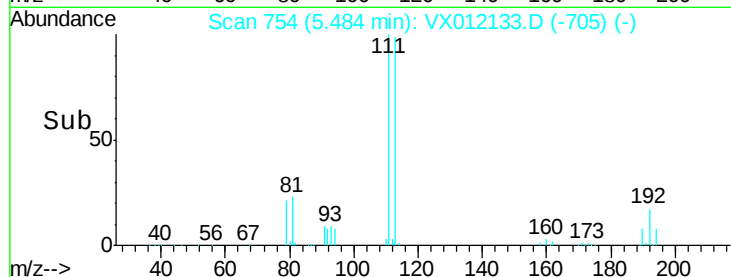
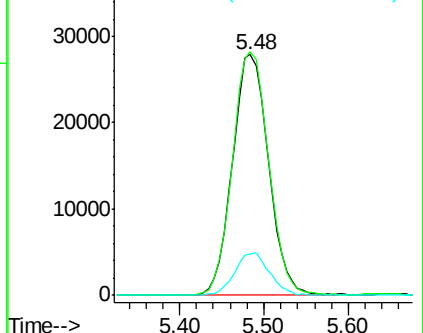
192 16.9 22.5 33.7#



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: 52.590 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012133.D

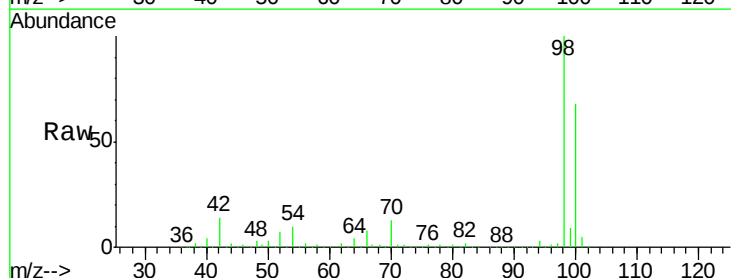
Acq: 06 Sep 2019 07:31

Tgt Ion: 98 Resp: 316560

Ion Ratio Lower Upper

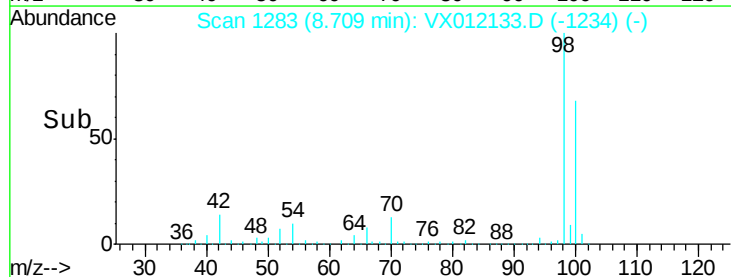
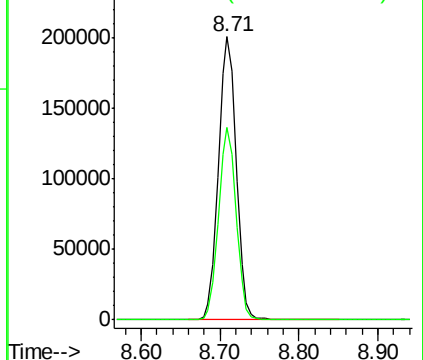
98 100

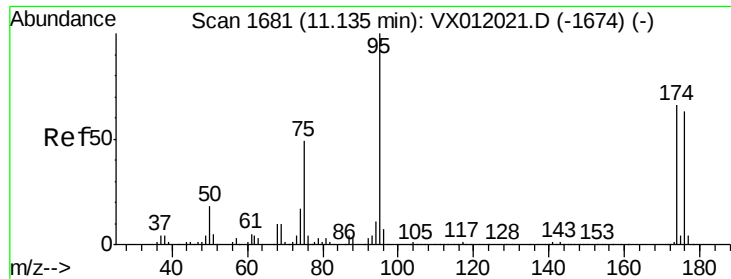
100 67.1 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.758 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012133.D

Acq: 06 Sep 2019 07:31

Instrument :

MSVOA_X

ClientSampleId :

T12-B1-(3.5)

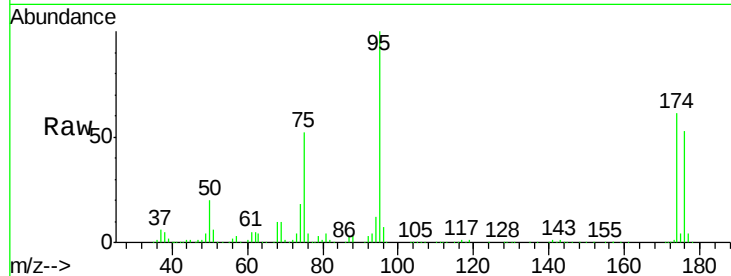
Tot Ion: 95 Resp: 128094

Ion Ratio Lower Upper

95 100

174 63.5 0.0 205.4

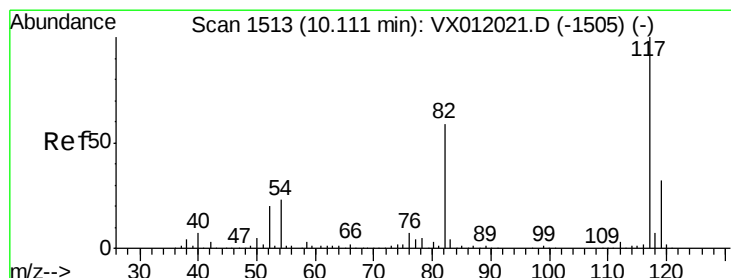
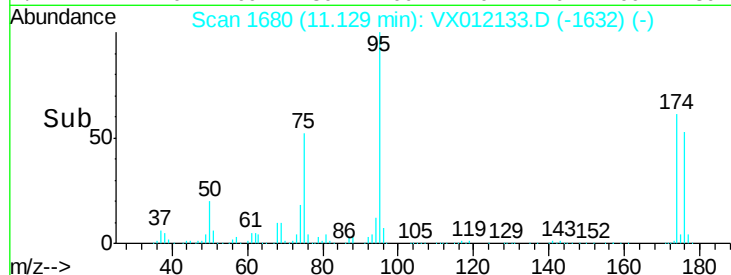
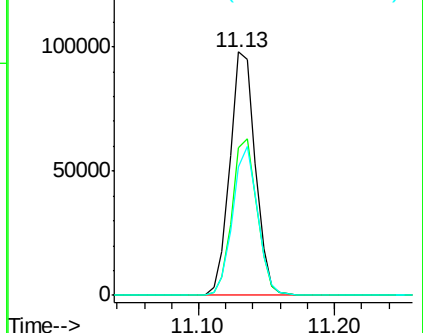
176 59.7 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX012021.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012021.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012021.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX012133.D

Acq: 06 Sep 2019 07:31

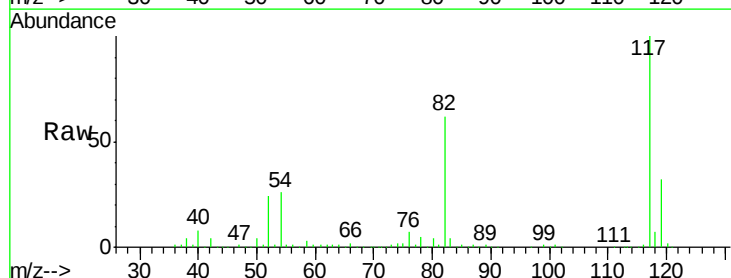
Tgt Ion: 117 Resp: 235277

Ion Ratio Lower Upper

117 100

82 61.8 39.4 59.0#

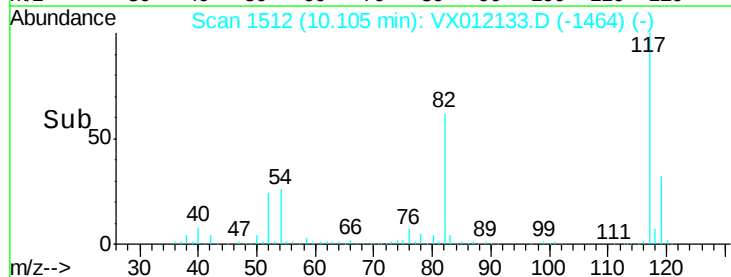
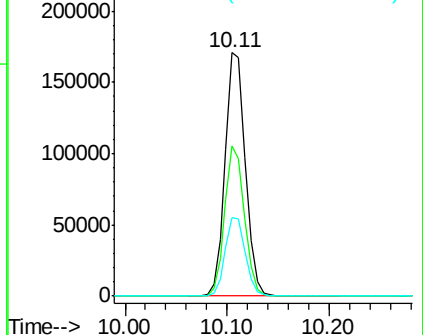
119 32.0 26.1 39.1

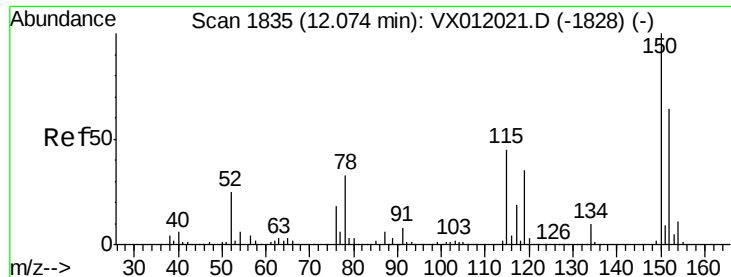


Abundance Ion 116.90 (116.60 to 117.60): VX012021.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX012021.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012021.D (-1505) (-)

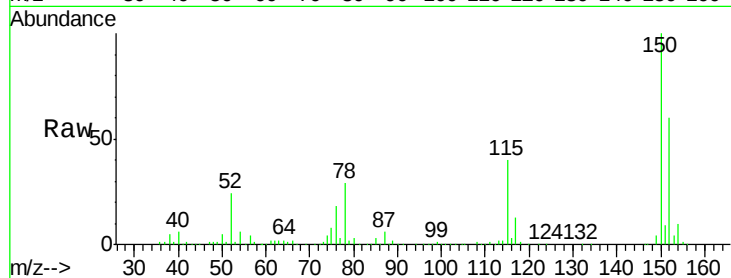




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012133.D
 Acq: 06 Sep 2019 07:31

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-B1-(3.5)

Tot Ion	Ratio	Lower	Upper
152	100		
115	66.7	36.4	109.3
150	160.2	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

