

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012080.D
 Acq On : 05 Sep 2019 05:13
 Operator : SY/SP
 Sample : K4591-07
 Misc : 5.26g/5.0mL/MSVOA X/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-3-35-37

Quant Time: Sep 09 05:31:04 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

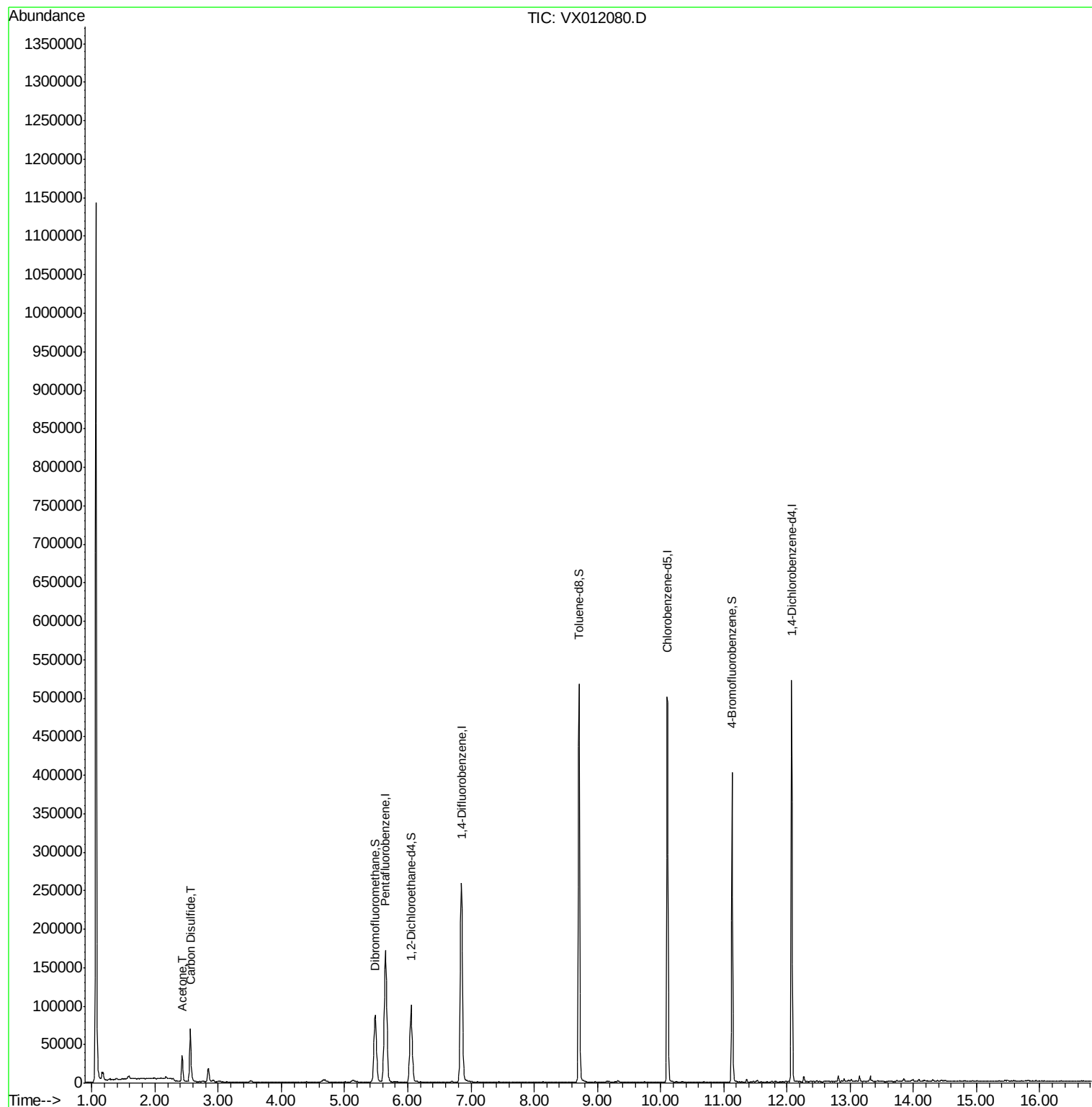
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	144007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	248804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	214348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	95379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	99099	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
35) Dibromofluoromethane	5.48	113	73764	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
50) Toluene-d8	8.71	98	296850	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
62) 4-Bromofluorobenzene	11.14	95	115665	44.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.60%	
Target Compounds						
16) Acetone	2.43	43	35519	74.787	ug/l	98
17) Carbon Disulfide	2.56	76	85871	20.721	ug/l	100

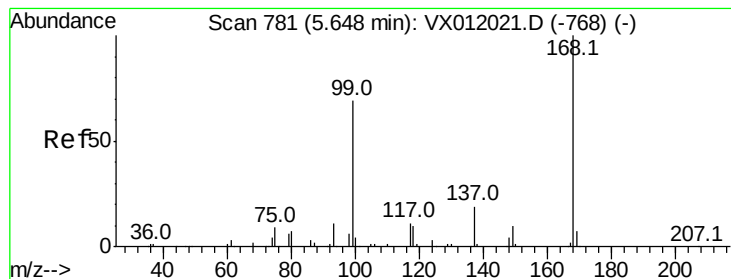
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012080.D

Acq: 05 Sep 2019 05:13

Instrument :

MSVOA_X

ClientSampleId :

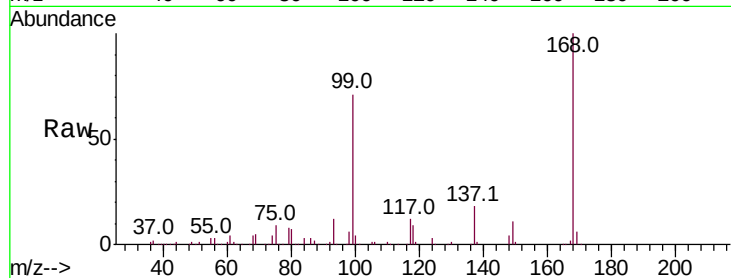
SB-3-35-37

Tot Ion:168 Resp: 144007

Ion Ratio Lower Upper

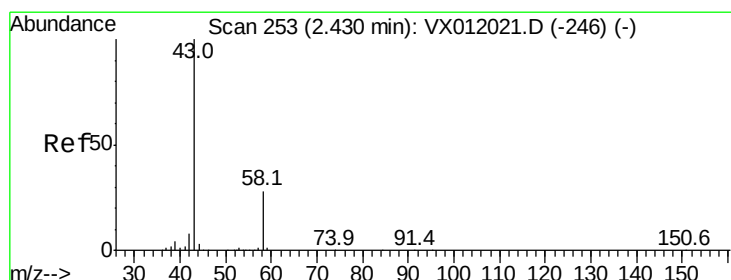
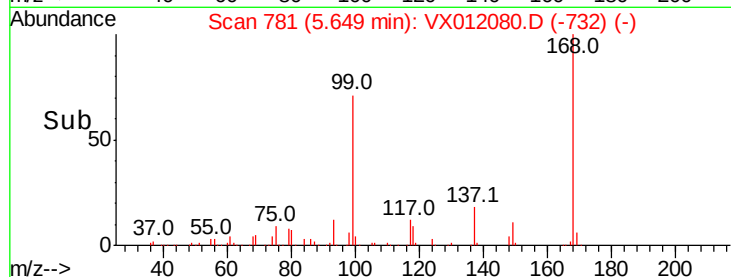
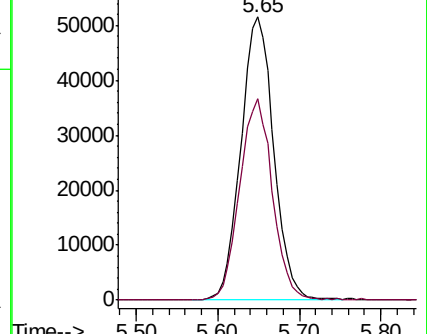
168 100

99 71.2 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 74.787 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012080.D

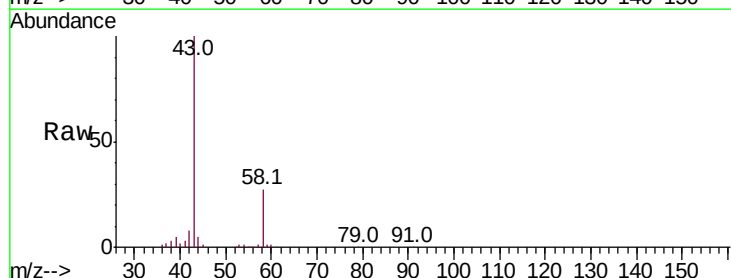
Acq: 05 Sep 2019 05:13

Tgt Ion: 43 Resp: 35519

Ion Ratio Lower Upper

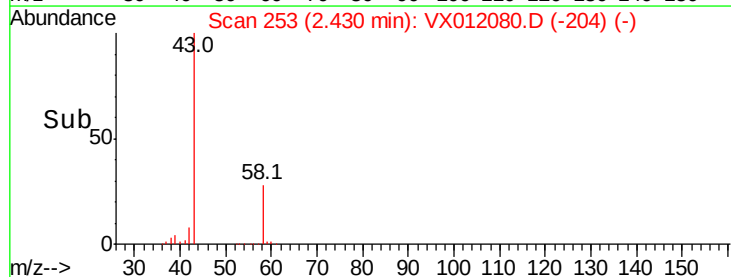
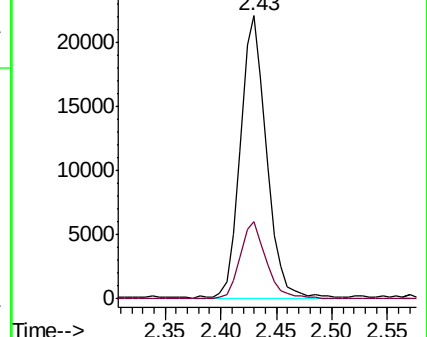
43 100

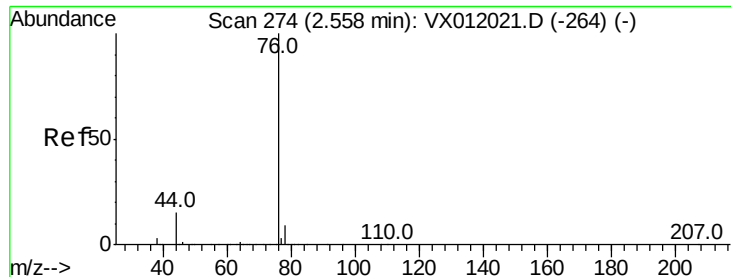
58 27.5 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 20.721 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012080.D

Acq: 05 Sep 2019 05:13

Instrument :

MSVOA_X

ClientSampleId :

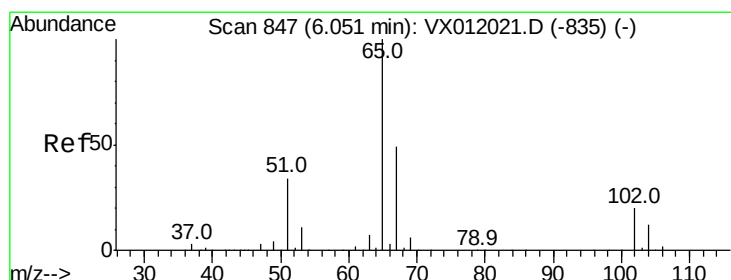
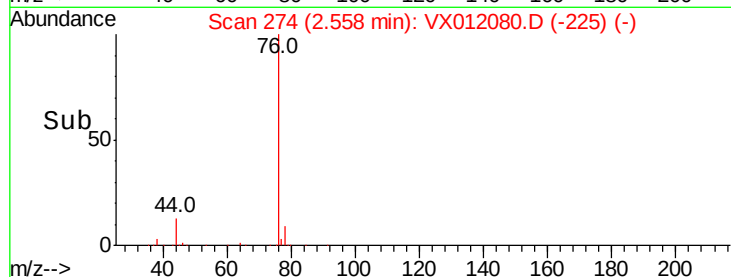
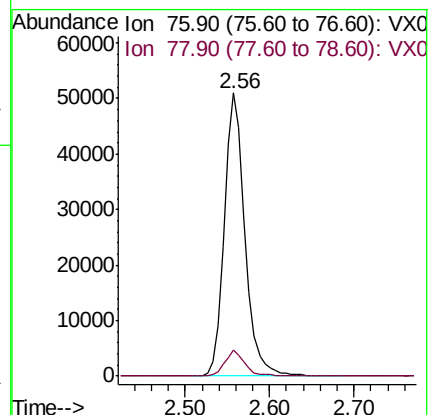
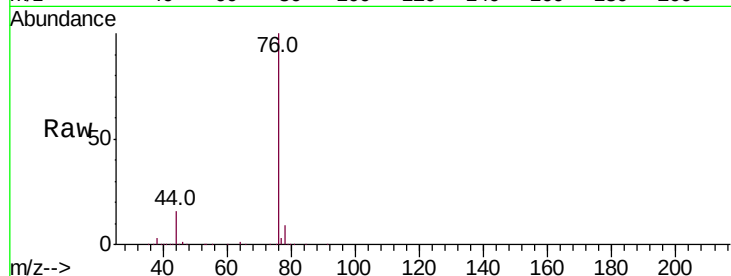
SB-3-35-37

Tot Ion: 76 Resp: 85871

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2



#33

1,2-Dichloroethane-d4

Concen: 49.873 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012080.D

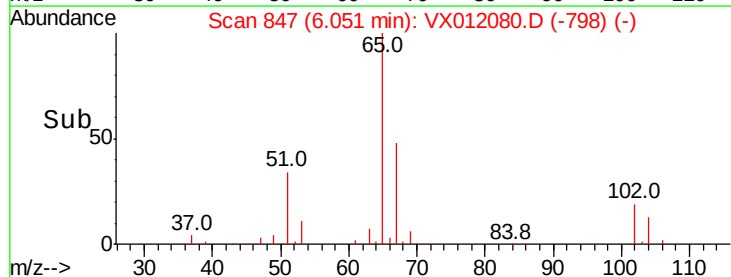
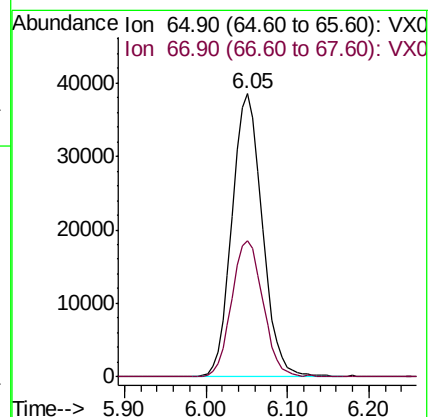
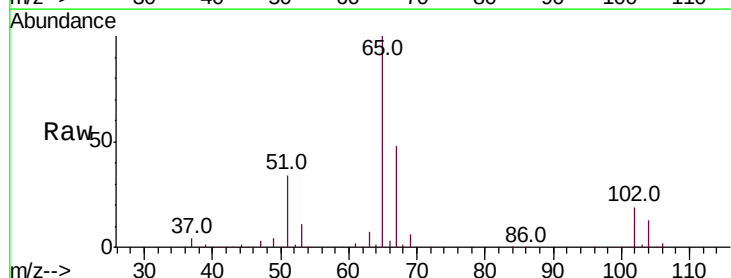
Acq: 05 Sep 2019 05:13

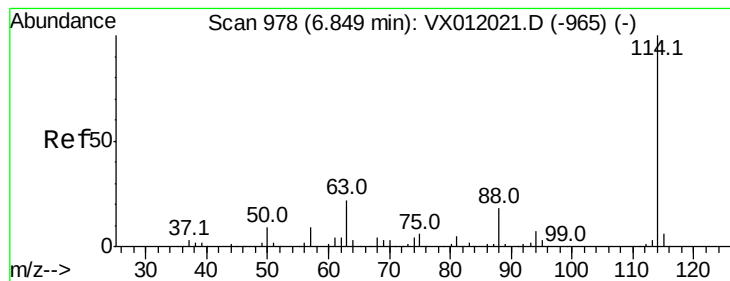
Tgt Ion: 65 Resp: 99099

Ion Ratio Lower Upper

65 100

67 49.6 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: VX012080.D

Acq: 05 Sep 2019 05:13

Instrument :

MSVOA_X

ClientSampleId :

SB-3-35-37

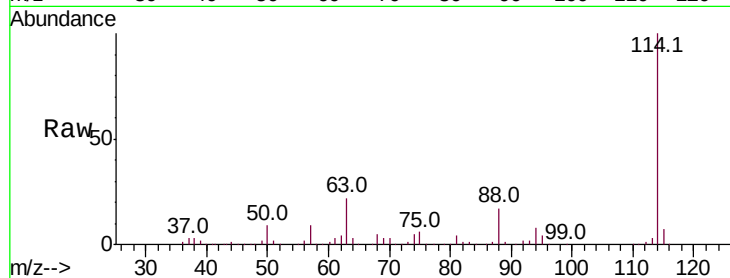
Tot Ion:114 Resp: 248804

Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.4

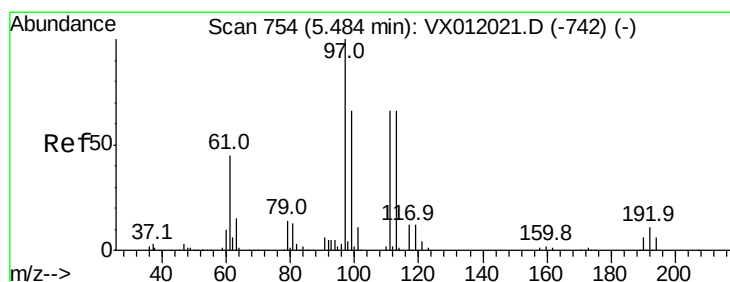
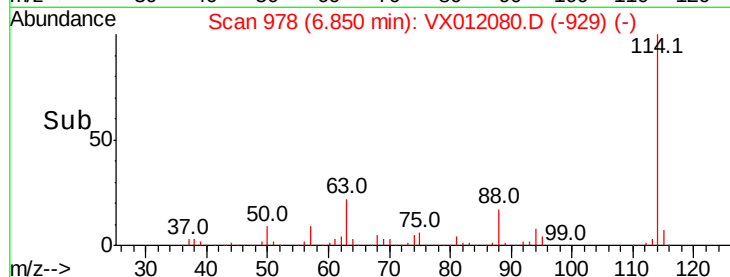
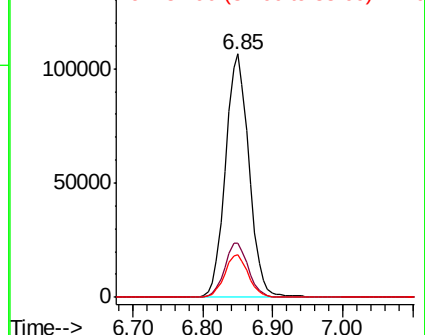
88 17.4 0.0 29.6



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: 48.209 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012080.D

Acq: 05 Sep 2019 05:13

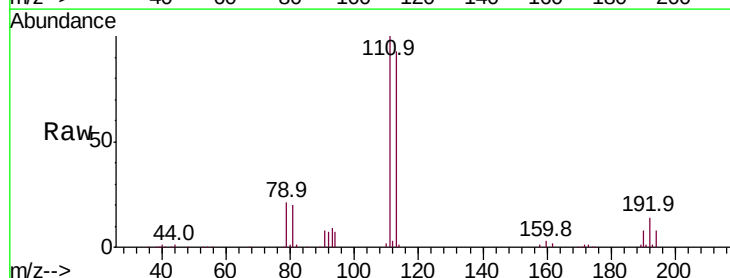
Tgt Ion:113 Resp: 73764

Ion Ratio Lower Upper

113 100

111 103.0 81.7 122.5

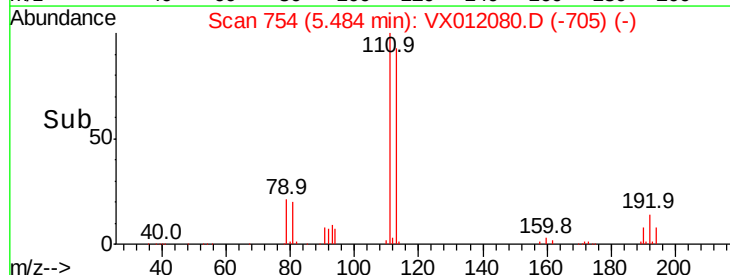
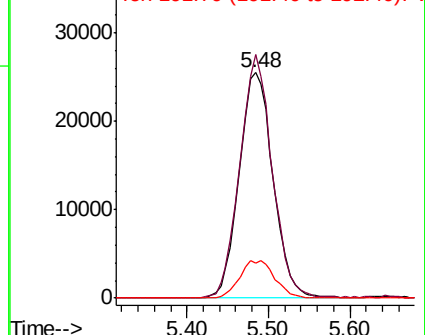
192 17.4 22.5 33.7#

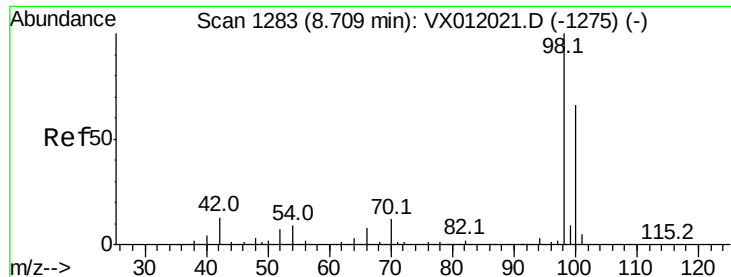


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.870 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012080.D

Acq: 05 Sep 2019 05:13

Instrument :

MSVOA_X

ClientSampleId :

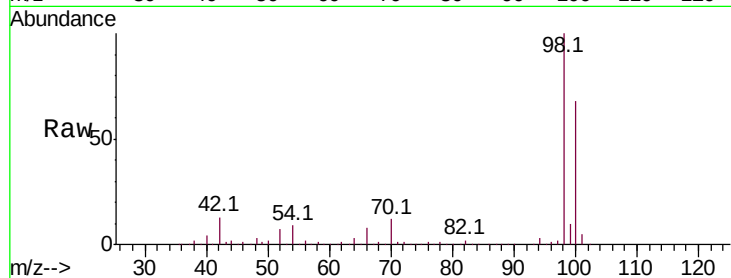
SB-3-35-37

Tot Ion: 98 Resp: 296850

Ion Ratio Lower Upper

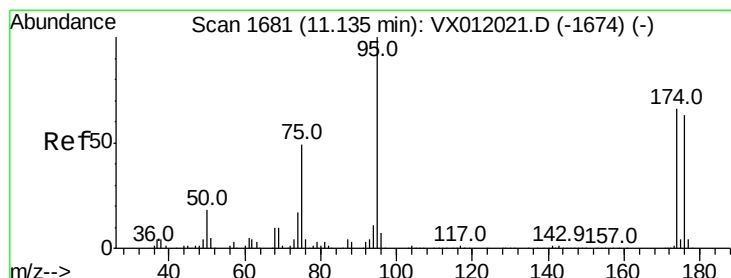
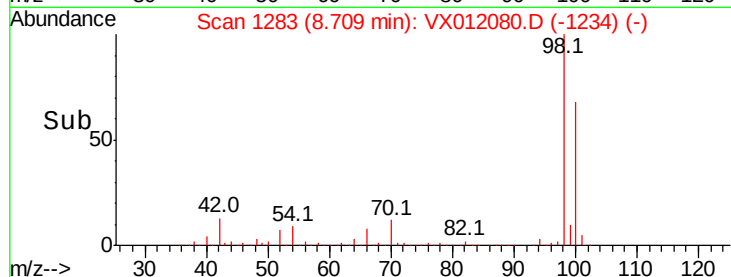
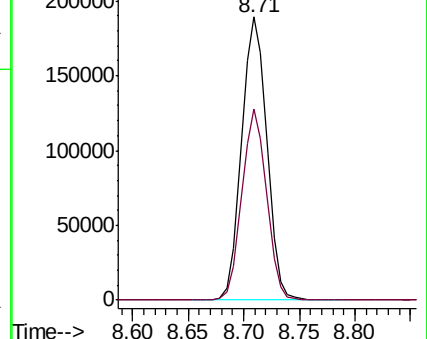
98 100

100 66.2 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.296 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012080.D

Acq: 05 Sep 2019 05:13

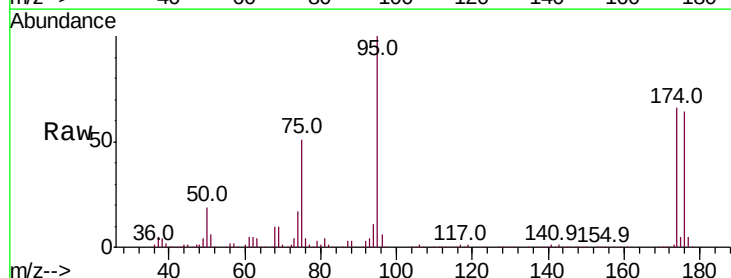
Tgt Ion: 95 Resp: 115665

Ion Ratio Lower Upper

95 100

174 62.5 0.0 205.4

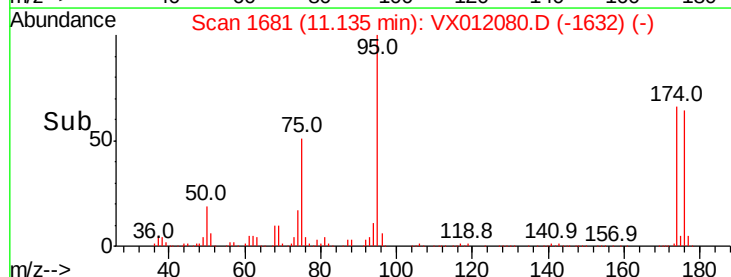
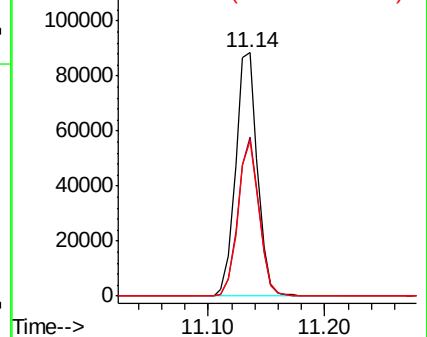
176 61.5 0.0 201.8

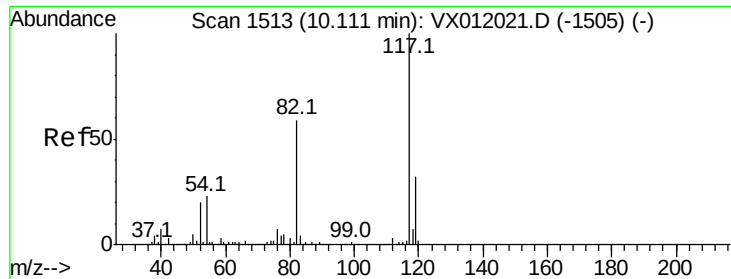


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

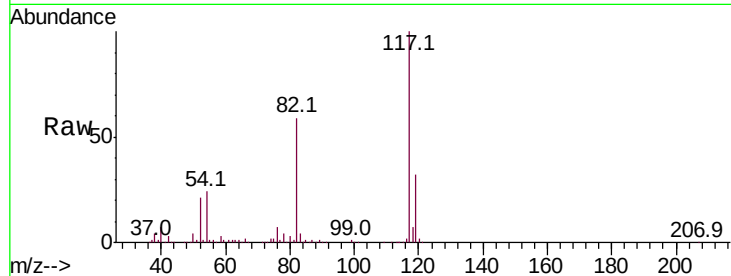




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012080.D
Acq: 05 Sep 2019 05:13

Instrument :
MSVOA_X
ClientSampleId :
SB-3-35-37

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.1	39.4	59.0#
119	32.5	26.1	39.1

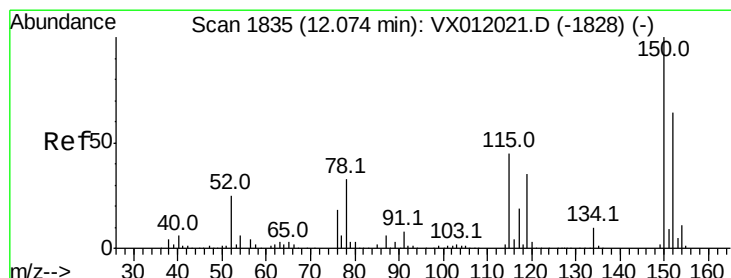
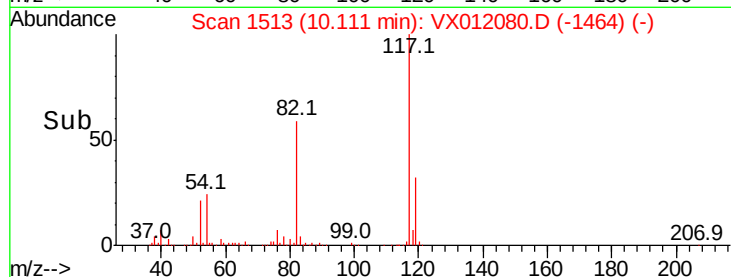
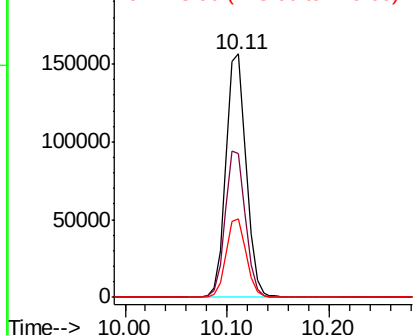


Abundance

Ion 116.90 (116.60 to 117.60): V

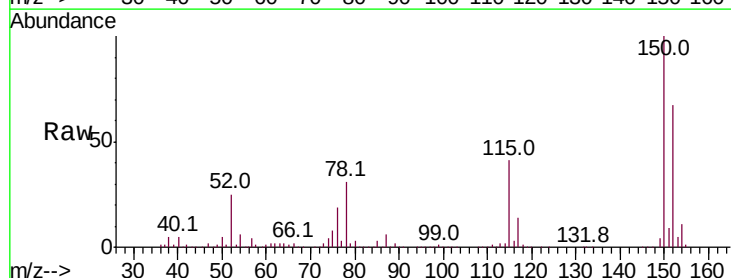
Ion 82.00 (81.70 to 82.70): VX0

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: VX012080.D
Acq: 05 Sep 2019 05:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.2	36.4	109.3
150	158.7	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

