

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012124.D
 Acq On : 06 Sep 2019 03:20
 Operator : SY/SP
 Sample : K4618-06
 Misc : 4.00µ/5.0mL/MSVOA X/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-4-18-20

Quant Time: Sep 06 07:25:14 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

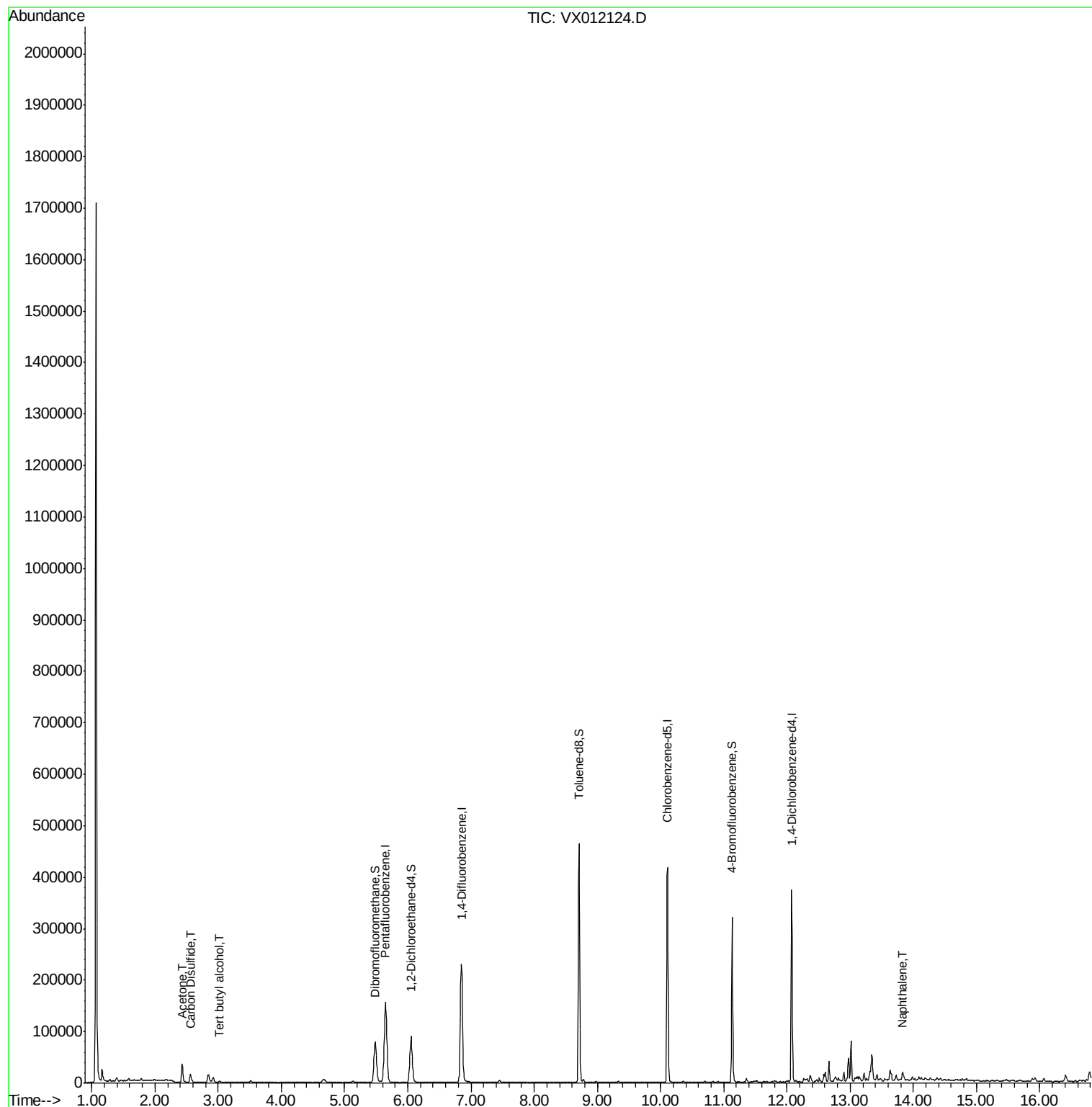
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	129017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	224205	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	179514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	66097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	90437	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
35) Dibromofluoromethane	5.48	113	66052	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
50) Toluene-d8	8.71	98	257380	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	11.13	95	90412	38.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.84%	
Target Compounds						
11) Tert butyl alcohol	3.02	59	2672	15.627	ug/l #	82
16) Acetone	2.43	43	39062	91.802	ug/l	98
17) Carbon Disulfide	2.56	76	21334	5.746	ug/l	95
95) Naphthalene	13.83	128	8435	2.797	ug/l	98

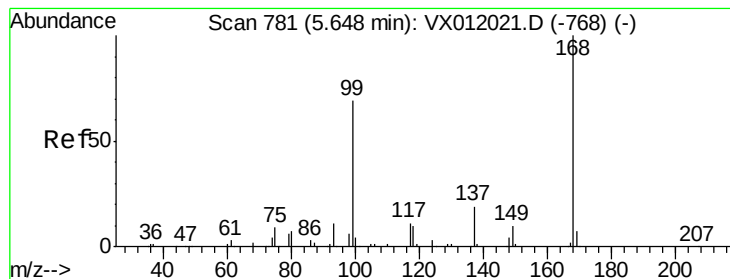
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090519\
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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: VX012124.D

Acq: 06 Sep 2019 03:20

Instrument :

MSVOA_X

ClientSampled :

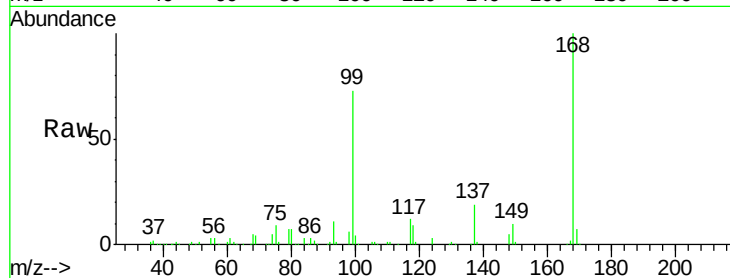
SB-4-18-20

Tot Ion:168 Resp: 129017

Ion Ratio Lower Upper

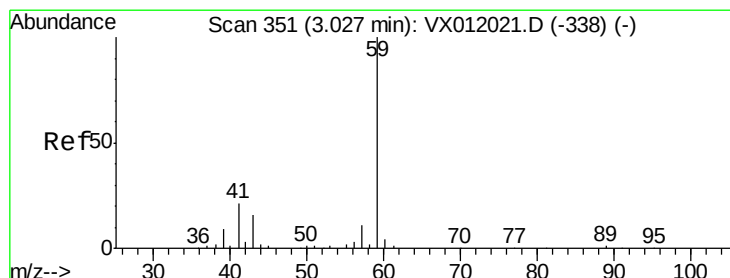
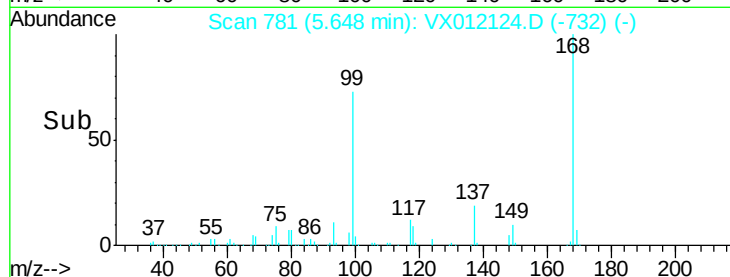
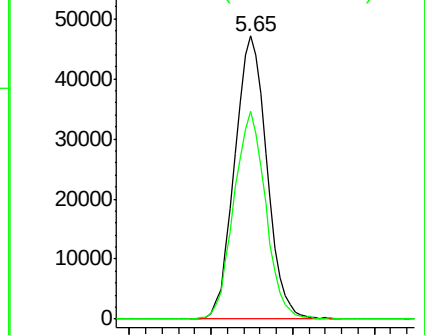
168 100

99 73.3 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 15.627 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX012124.D

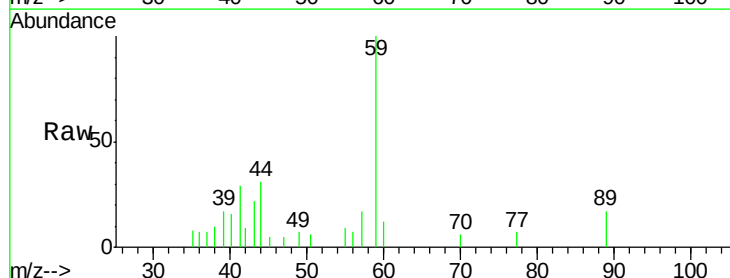
Acq: 06 Sep 2019 03:20

Tgt Ion: 59 Resp: 2672

Ion Ratio Lower Upper

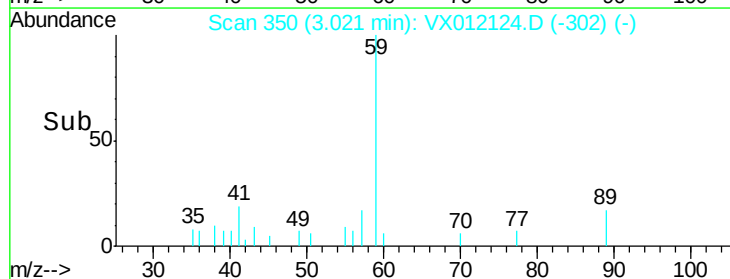
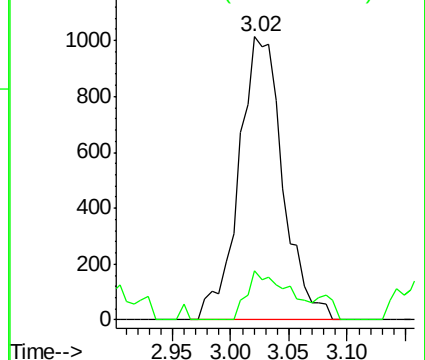
59 100

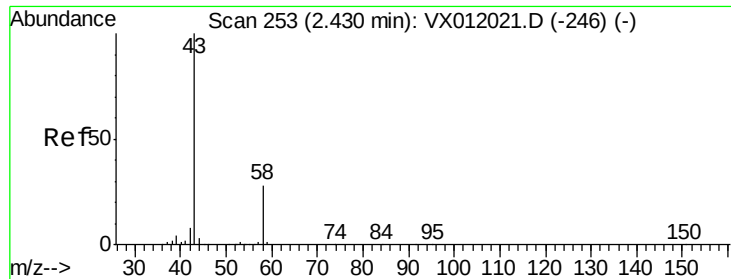
57 16.4 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 91.802 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012124.D

Acq: 06 Sep 2019 03:20

Instrument :

MSVOA_X

ClientSampled :

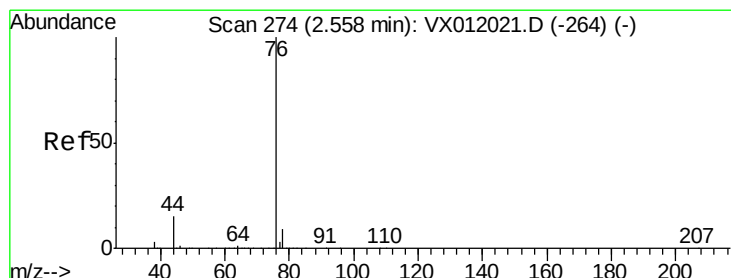
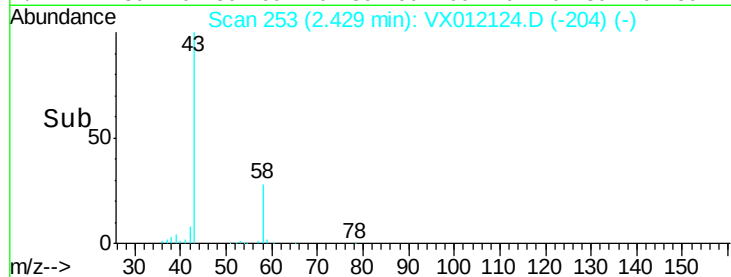
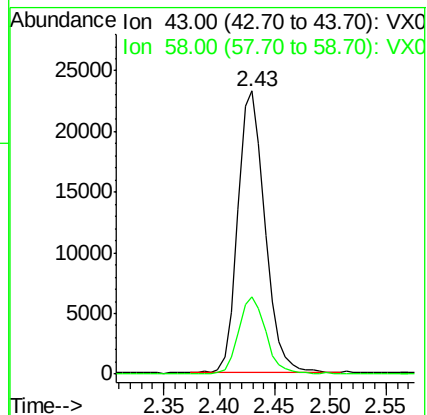
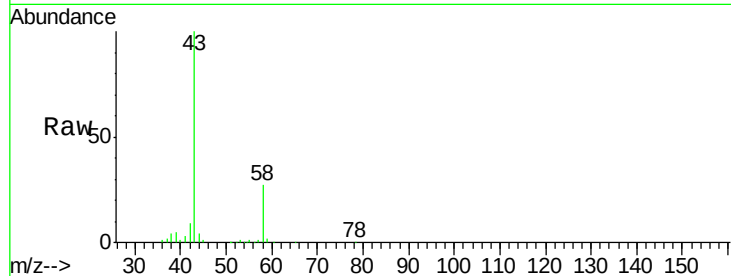
SB-4-18-20

Tot Ion: 43 Resp: 39062

Ion Ratio Lower Upper

43 100

58 27.5 22.8 34.2



#17

Carbon Disulfide

Concen: 5.746 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012124.D

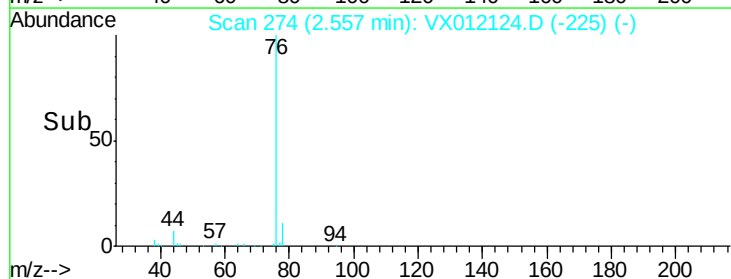
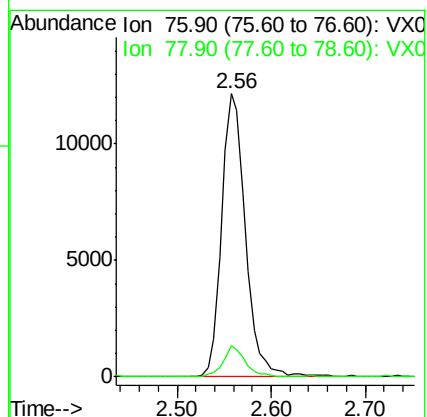
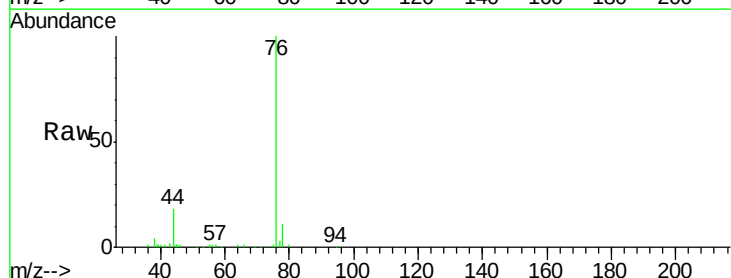
Acq: 06 Sep 2019 03:20

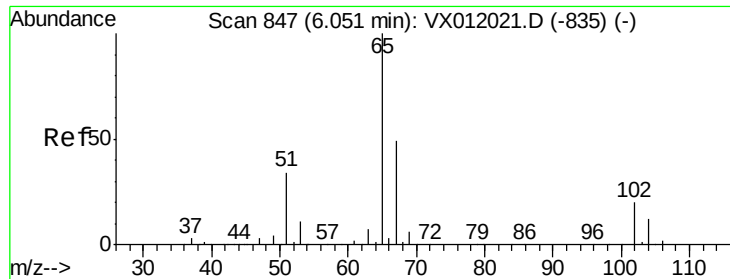
Tgt Ion: 76 Resp: 21334

Ion Ratio Lower Upper

76 100

78 11.1 7.4 11.2

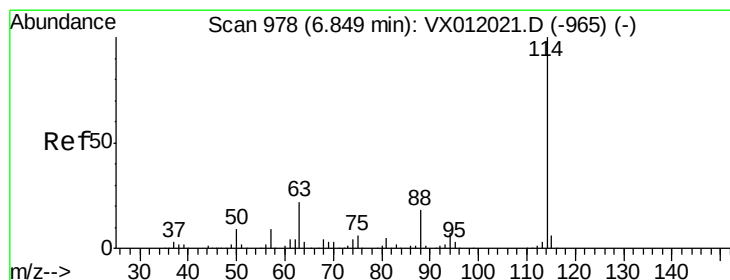
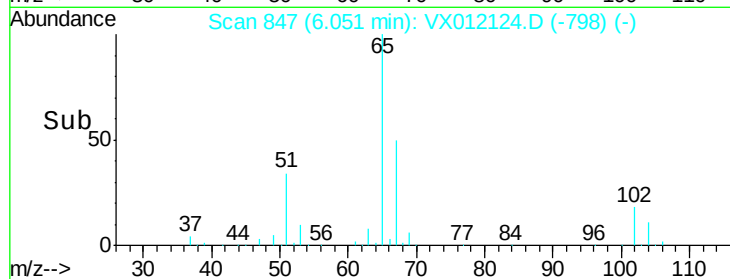
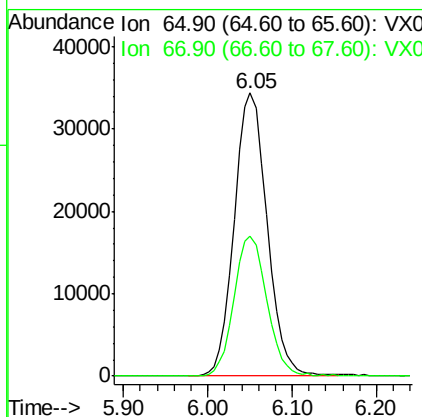
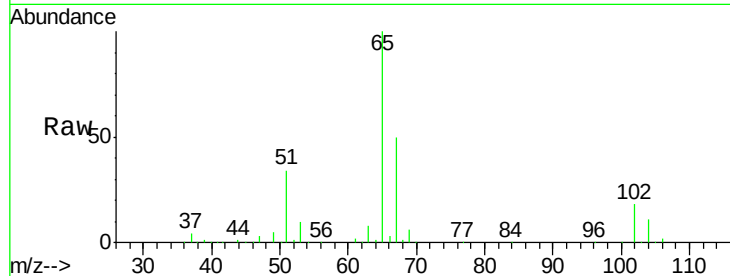




#33
 1,2-Dichloroethane-d4
 Concen: 50.802 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012124.D
 Acq: 06 Sep 2019 03:20

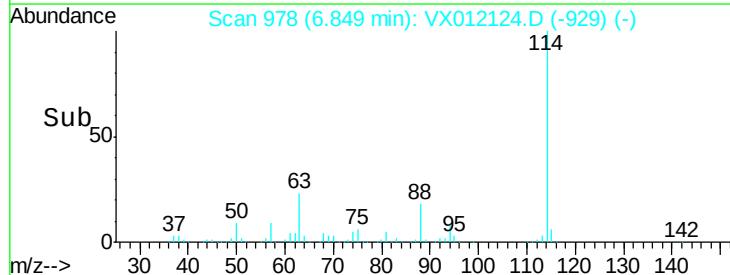
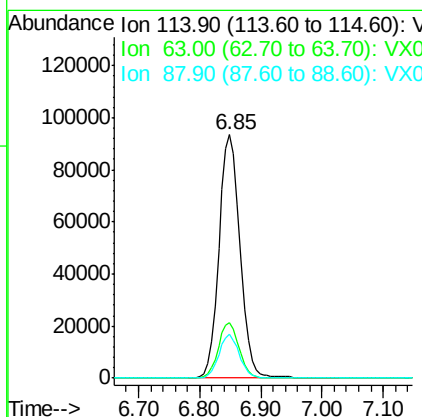
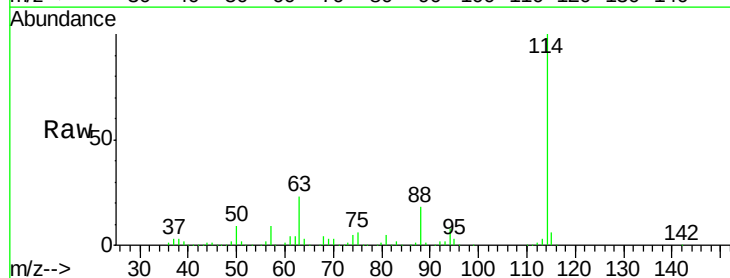
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-4-18-20

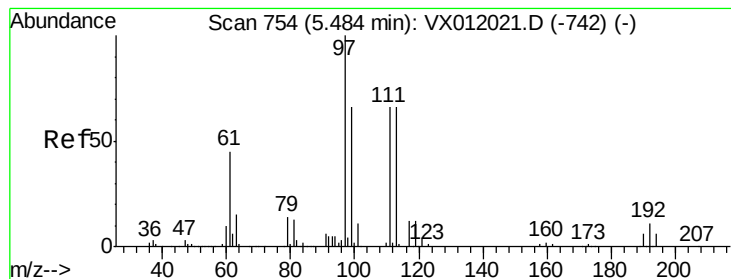
Tot Ion: 65 Resp: 90437
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012124.D
 Acq: 06 Sep 2019 03:20

Tgt Ion: 114 Resp: 224205
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 37.4
 88 18.0 0.0 29.6





#35

Dibromofluoromethane

Concen: 47.906 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012124.D

Acq: 06 Sep 2019 03:20

Instrument :

MSVOA_X

ClientSampleId :

SB-4-18-20

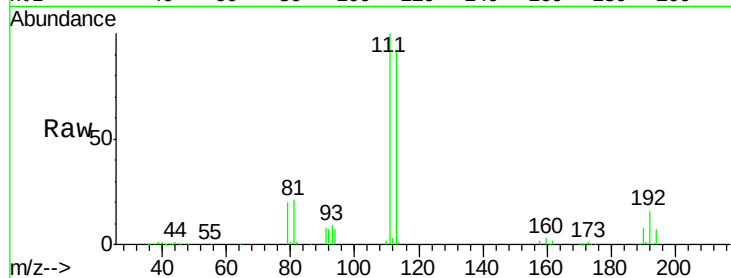
Tot Ion:113 Resp: 66052

Ion Ratio Lower Upper

113 100

111 105.0 81.7 122.5

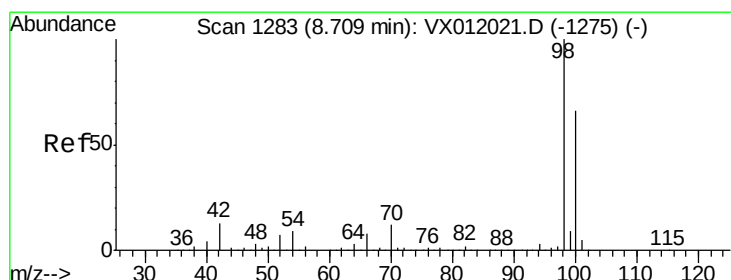
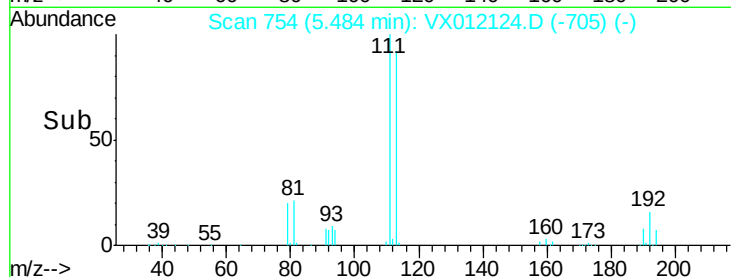
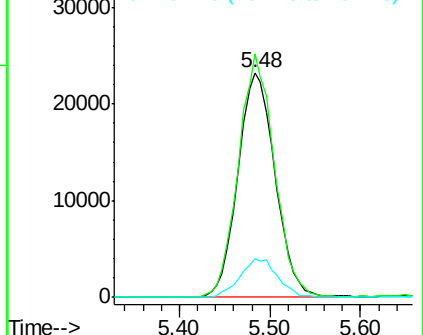
192 17.4 22.5 33.7#



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: 50.870 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012124.D

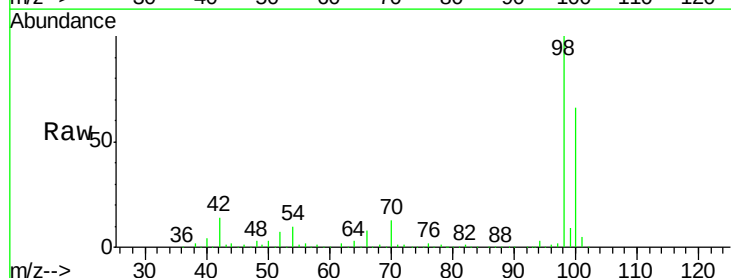
Acq: 06 Sep 2019 03:20

Tgt Ion: 98 Resp: 257380

Ion Ratio Lower Upper

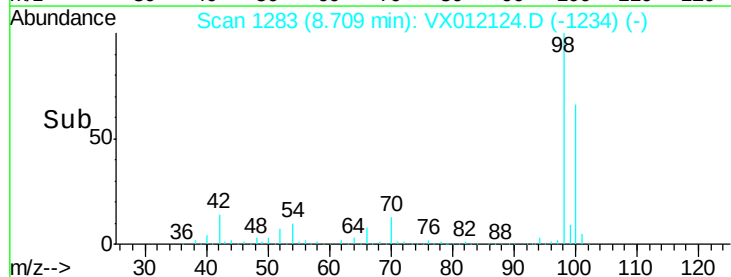
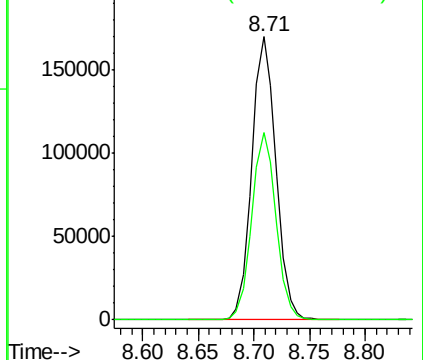
98 100

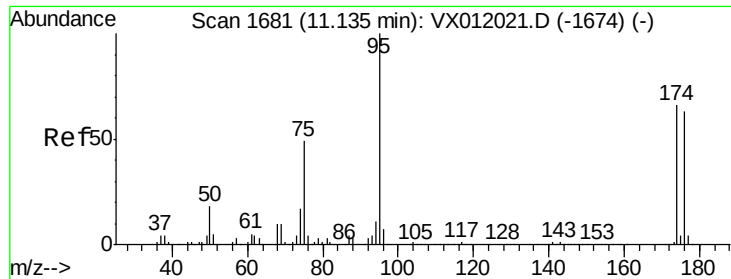
100 66.6 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 38.424 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012124.D

Acq: 06 Sep 2019 03:20

Instrument :

MSVOA_X

ClientSampleId :

SB-4-18-20

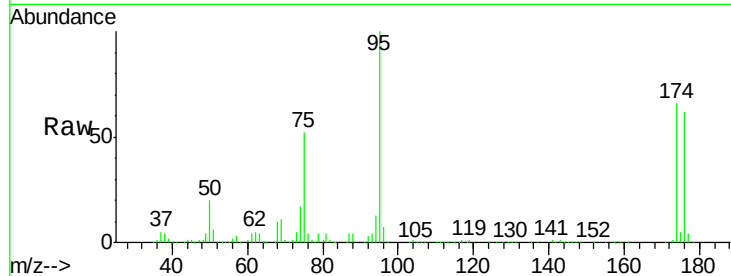
Tot Ion: 95 Resp: 90412

Ion Ratio Lower Upper

95 100

174 63.7 0.0 205.4

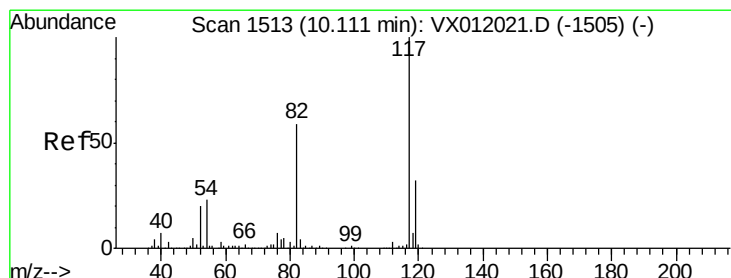
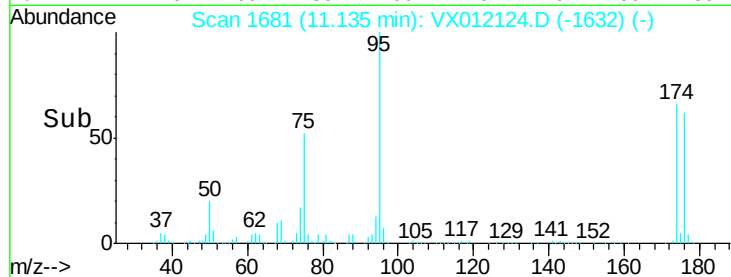
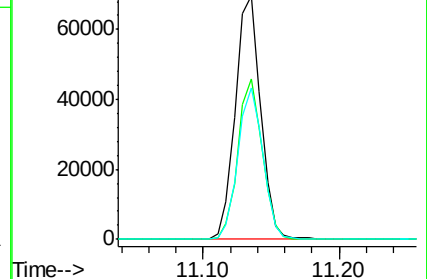
176 61.0 0.0 201.8



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# 1513

Delta R.T. -0.00 min

Lab File: VX012124.D

Acq: 06 Sep 2019 03:20

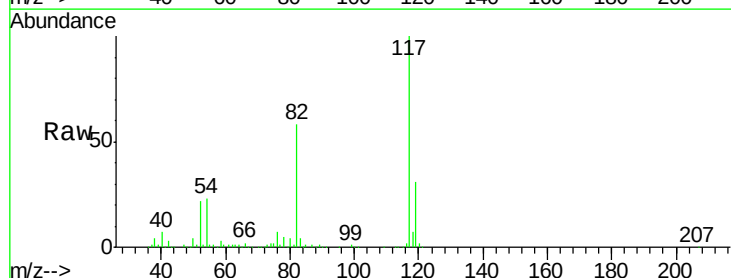
Tgt Ion: 117 Resp: 179514

Ion Ratio Lower Upper

117 100

82 58.4 39.4 59.0

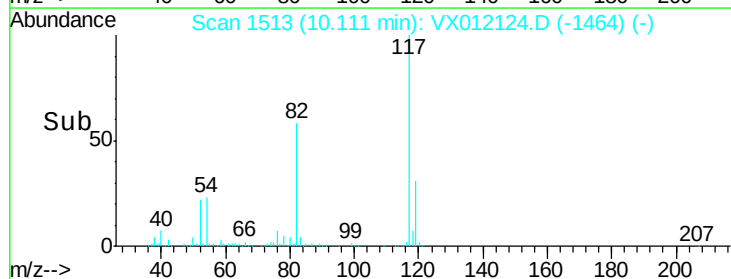
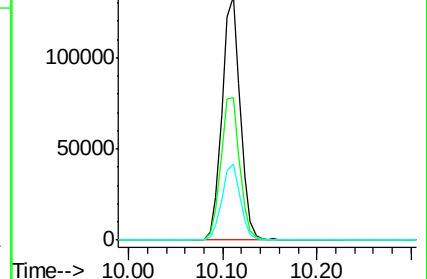
119 31.0 26.1 39.1

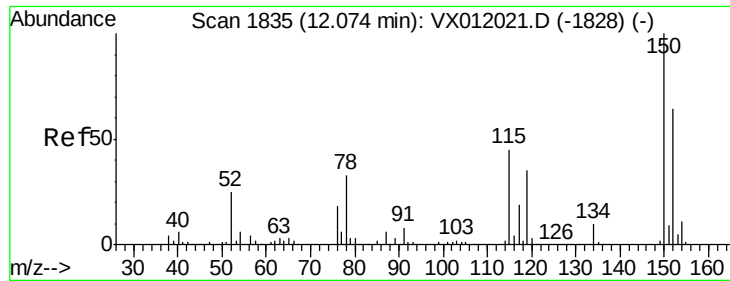


Abundance Ion 116.90 (116.60 to 117.60): VX012021.D (-1505) (-)

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: VX012124.D

Acq: 06 Sep 2019 03:20

Instrument :

MSVOA_X

ClientSampleId :

SB-4-18-20

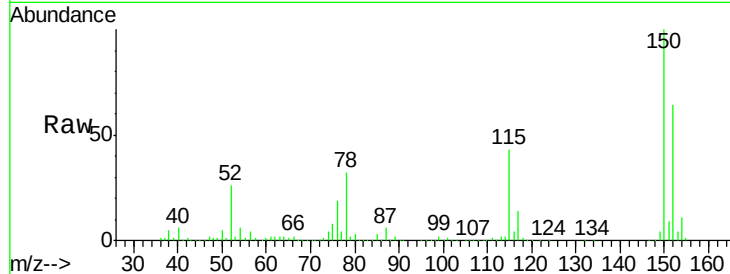
Tot Ion:152 Resp: 66097

Ion Ratio Lower Upper

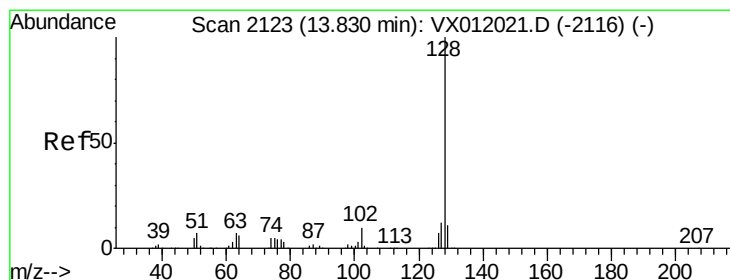
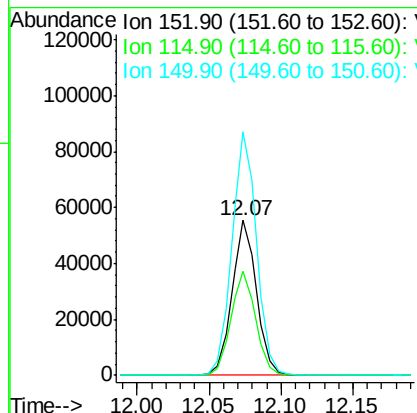
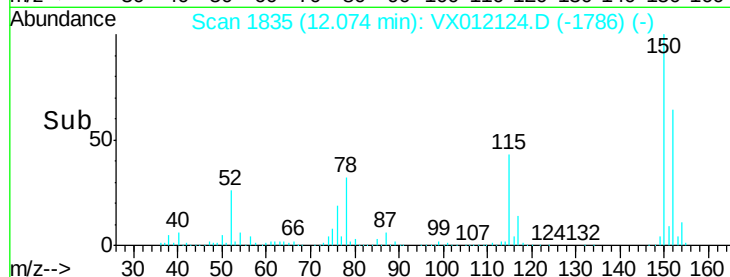
152 100

115 67.7 36.4 109.3

150 158.8 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



#95

Naphthalene

Concen: 2.797 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012124.D

Acq: 06 Sep 2019 03:20

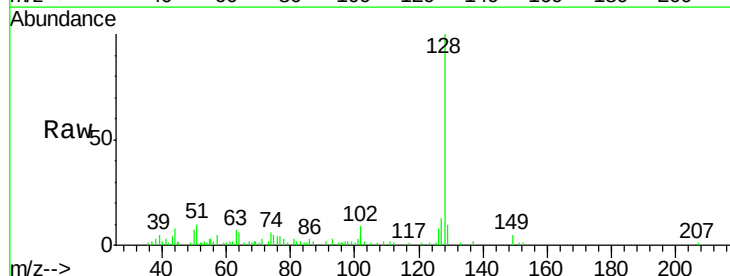
Tgt Ion:128 Resp: 8435

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 12.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

