

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012125.D
 Acq On : 06 Sep 2019 03:48
 Operator : SY/SP
 Sample : K4618-08
 Misc : 4.13g/5.0mL/MSVOA X/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-4-20-22

Quant Time: Sep 11 07:40:17 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

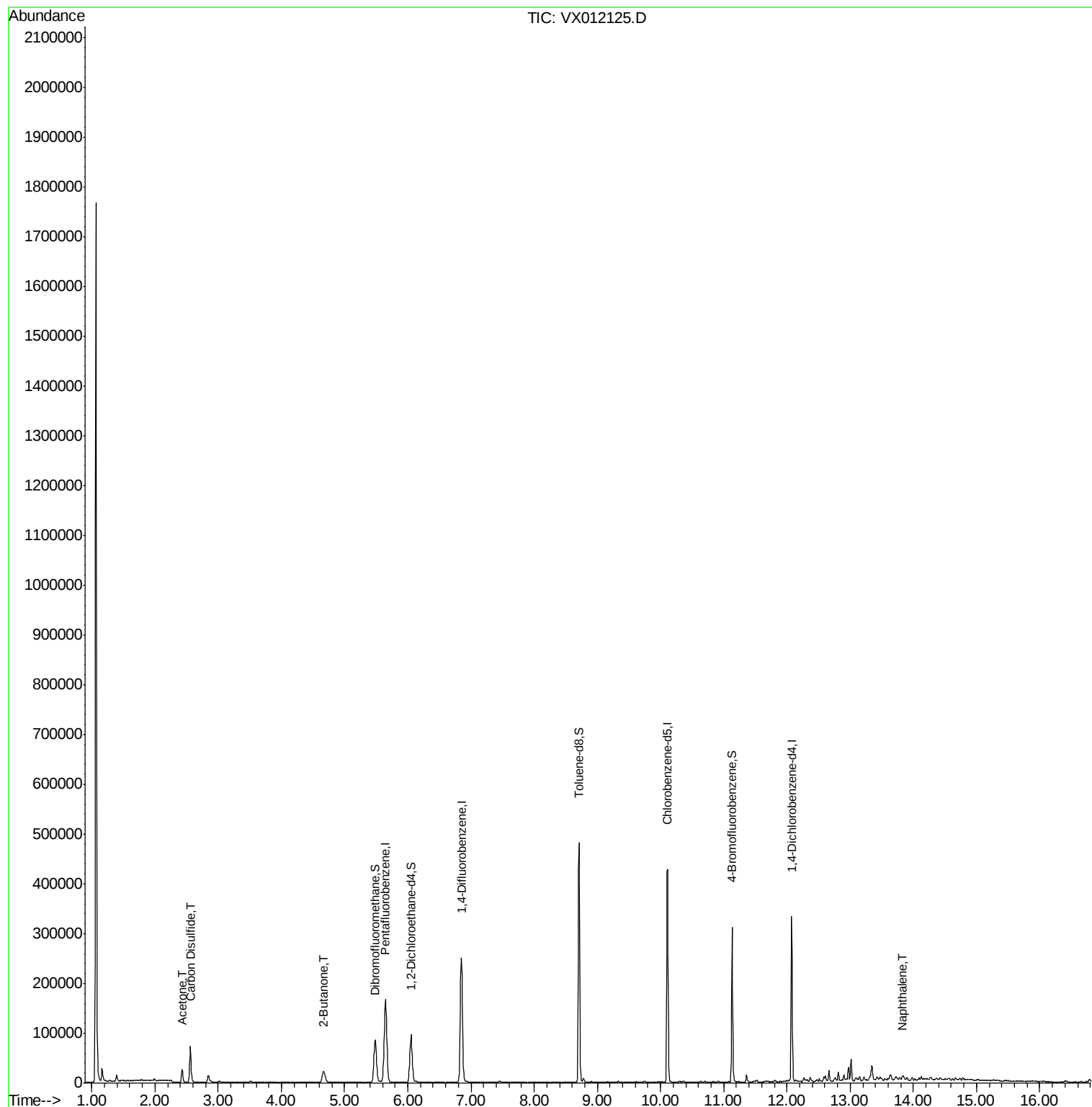
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	139515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	240330	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	187391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	61476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	97880	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
35) Dibromofluoromethane	5.48	113	72956	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	8.71	98	274240	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
62) 4-Bromofluorobenzene	11.14	95	88266	35.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.00%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	28467	61.868	ug/l	99
17) Carbon Disulfide	2.56	76	88913	22.146	ug/l	99
25) 2-Butanone	4.67	43	7608	12.990	ug/l	96
95) Naphthalene	13.83	128	5072	1.809	ug/l #	92

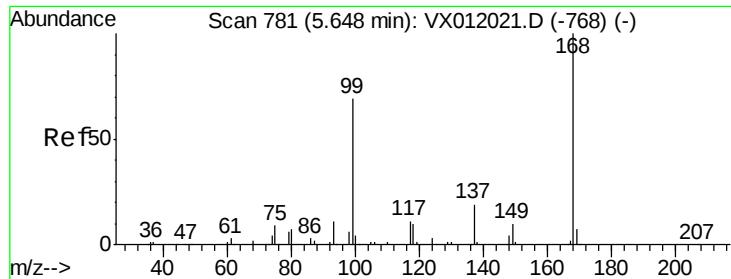
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012125.D

Acq: 06 Sep 2019 03:48

Instrument :

MSVOA_X

ClientSampled :

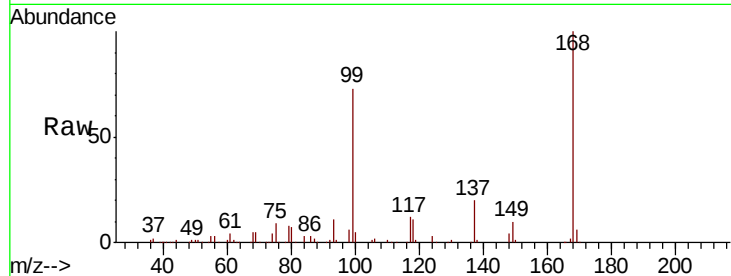
SB-4-20-22

Tot Ion:168 Resp: 139515

Ion Ratio Lower Upper

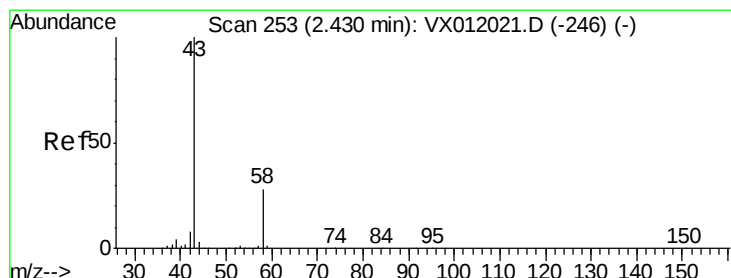
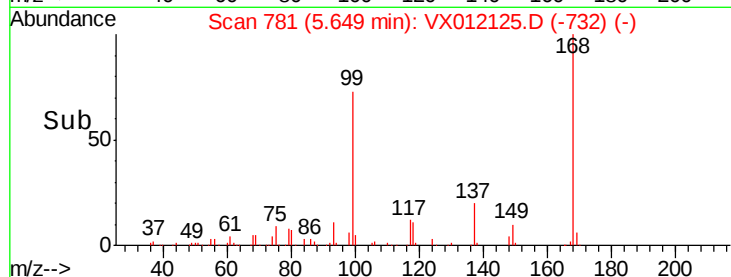
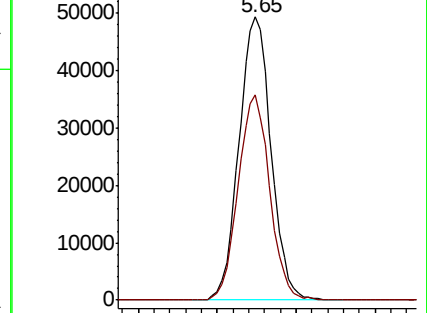
168 100

99 72.7 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: 61.868 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012125.D

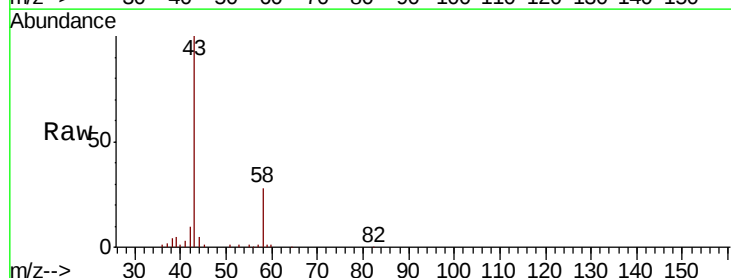
Acq: 06 Sep 2019 03:48

Tgt Ion: 43 Resp: 28467

Ion Ratio Lower Upper

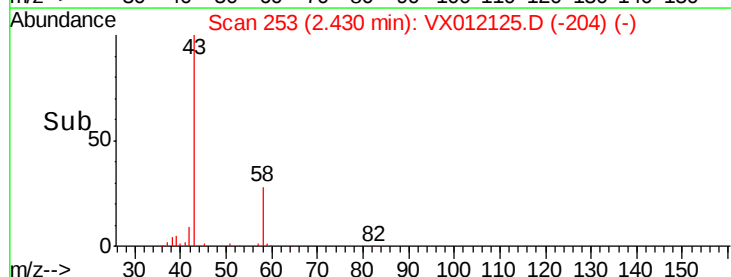
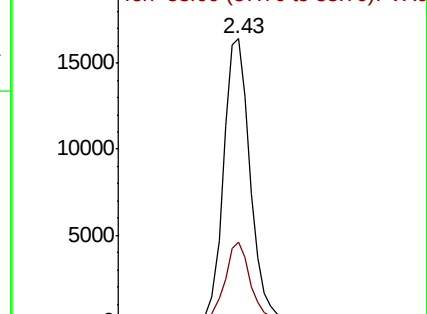
43 100

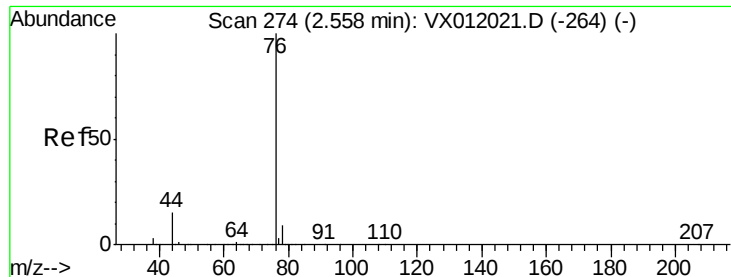
58 28.2 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 22.146 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012125.D

Acq: 06 Sep 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

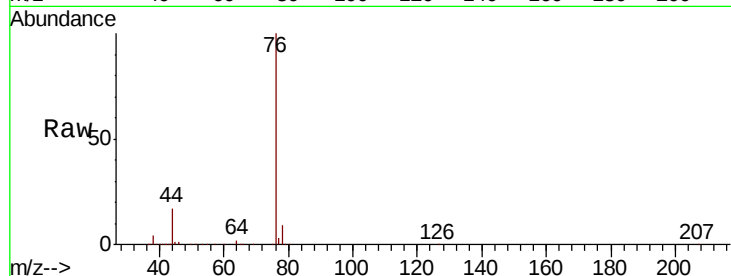
SB-4-20-22

Tot Ion: 76 Resp: 88913

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

60000

50000

40000

30000

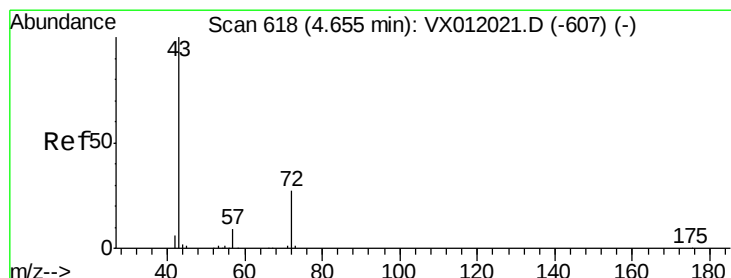
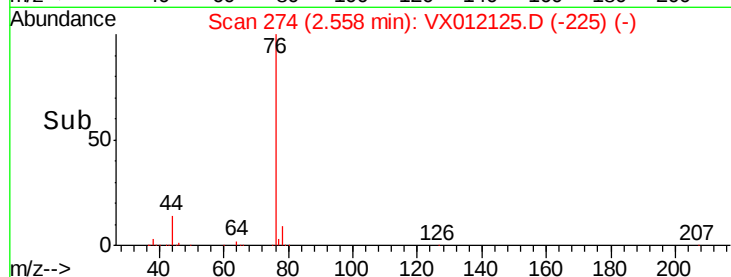
20000

10000

0

Time-->

2.50 2.60 2.70



#25

2-Butanone

Concen: 12.990 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX012125.D

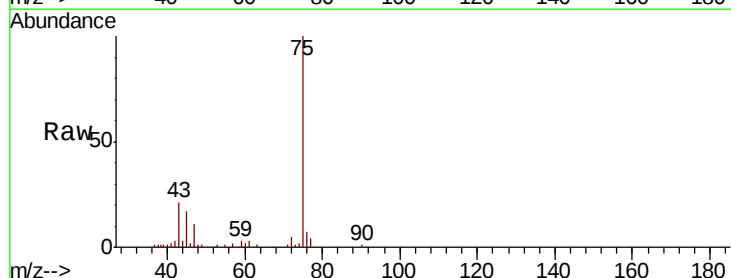
Acq: 06 Sep 2019 03:48

Tgt Ion: 43 Resp: 7608

Ion Ratio Lower Upper

43 100

72 24.6 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

3000

2500

2000

1500

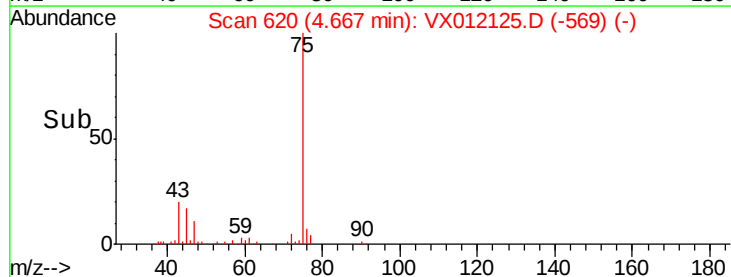
1000

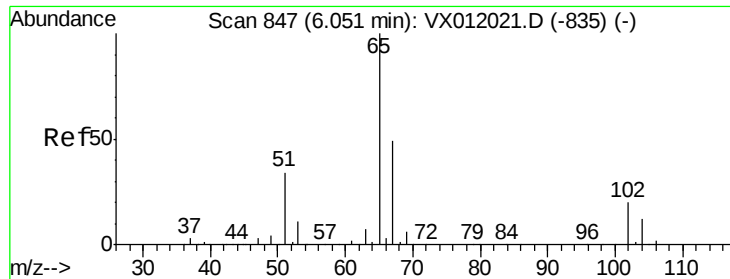
500

0

Time-->

4.60 4.70

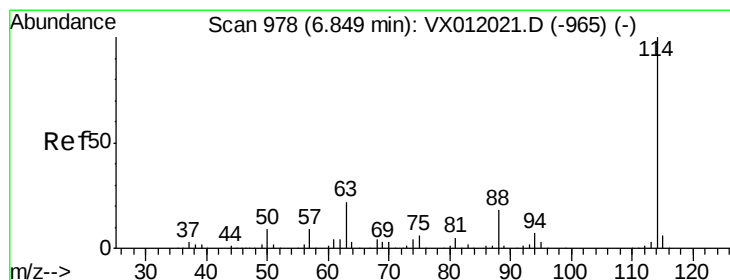
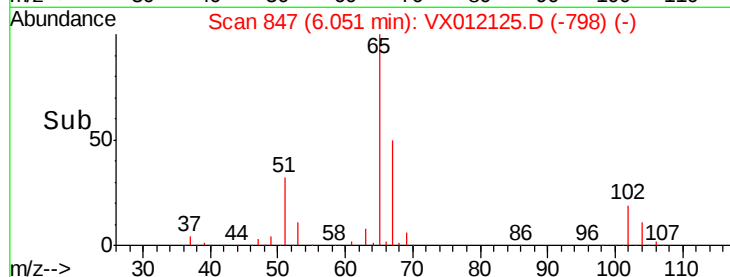
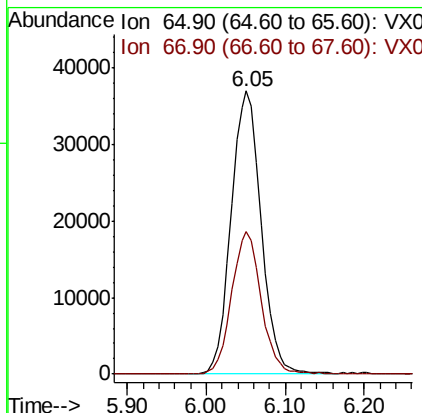
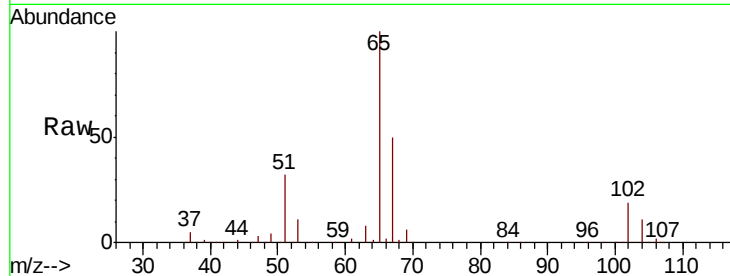




#33
 1,2-Dichloroethane-d4
 Concen: 50.846 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012125.D
 Acq: 06 Sep 2019 03:48

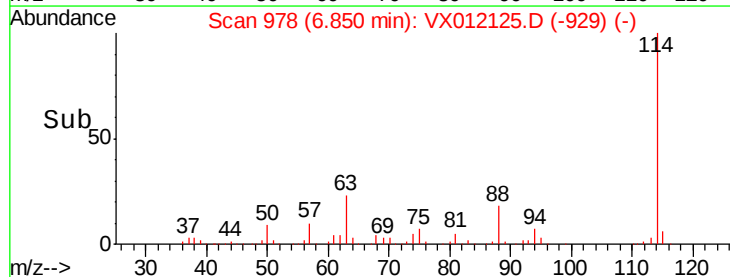
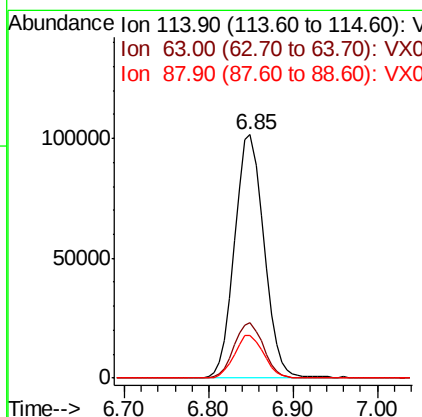
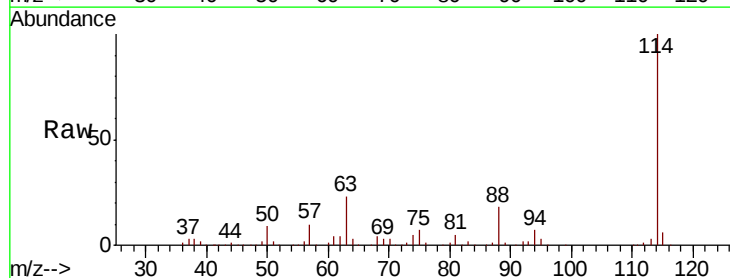
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-4-20-22

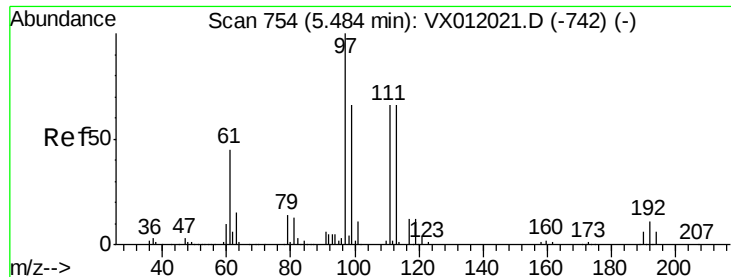
Tot Ion: 65 Resp: 97880
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012125.D
 Acq: 06 Sep 2019 03:48

Tgt Ion: 114 Resp: 240330
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 37.4
 88 17.7 0.0 29.6

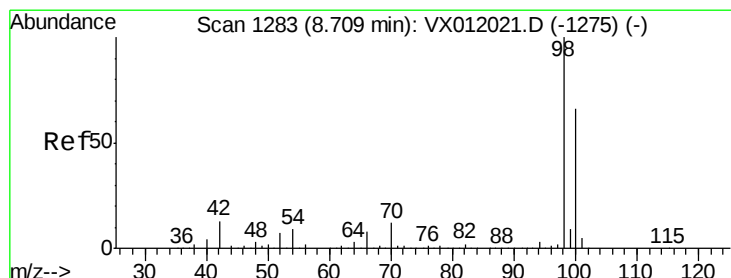
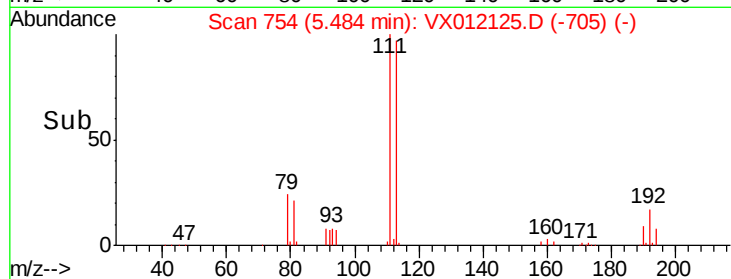
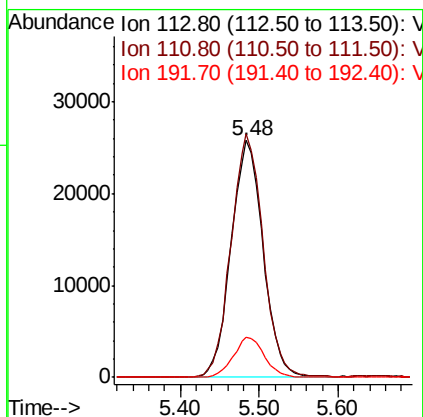
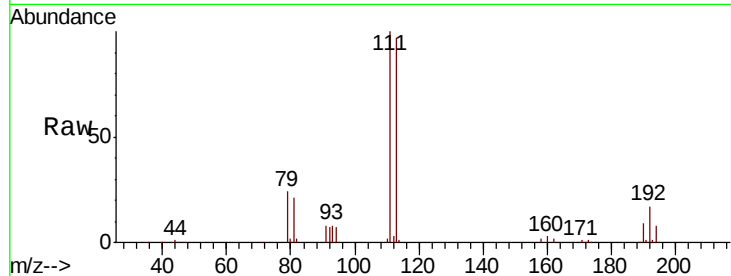




#35
 Dibromofluoromethane
 Concen: 49.363 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012125.D
 Acq: 06 Sep 2019 03:48

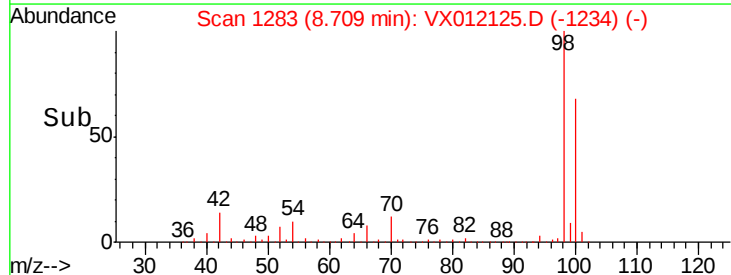
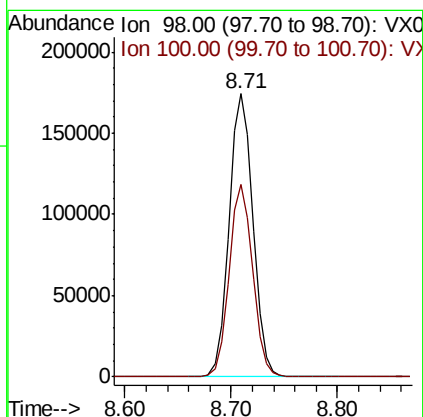
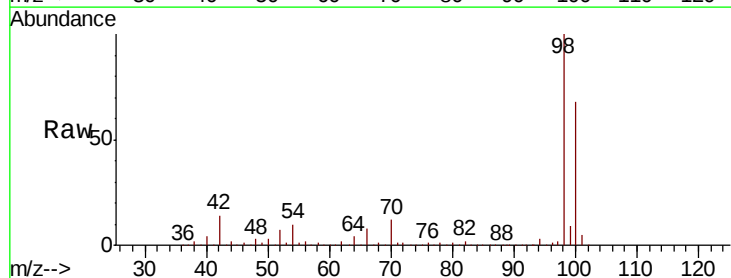
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-4-20-22

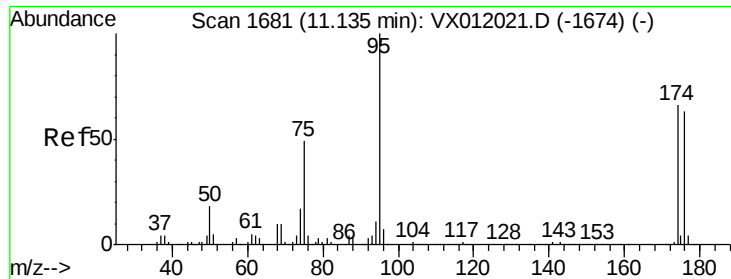
Tot Ion:113 Resp: 72956
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.7 122.5
 192 16.4 22.5 33.7#



#50
 Toluene-d8
 Concen: 50.566 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012125.D
 Acq: 06 Sep 2019 03:48

Tgt Ion: 98 Resp: 274240
 Ion Ratio Lower Upper
 98 100
 100 67.0 53.3 79.9





#62

4-Bromofluorobenzene

Concen: 34.995 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012125.D

Acq: 06 Sep 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

SB-4-20-22

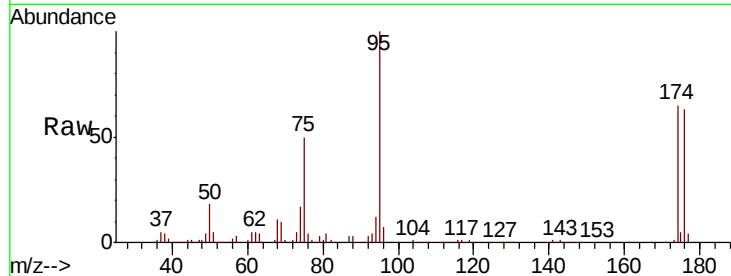
Tot Ion: 95 Resp: 88266

Ion Ratio Lower Upper

95 100

174 62.7 0.0 205.4

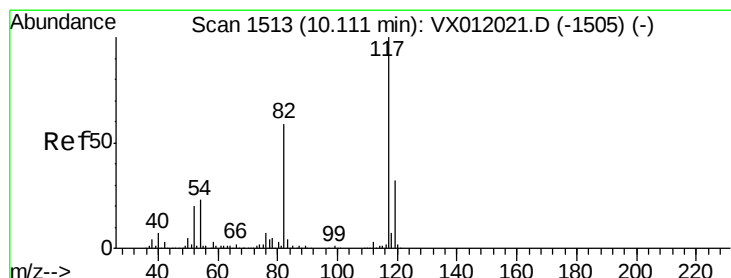
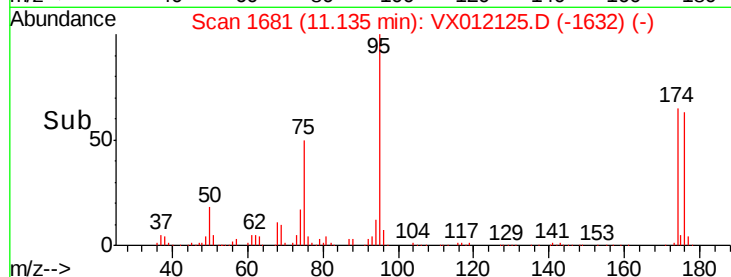
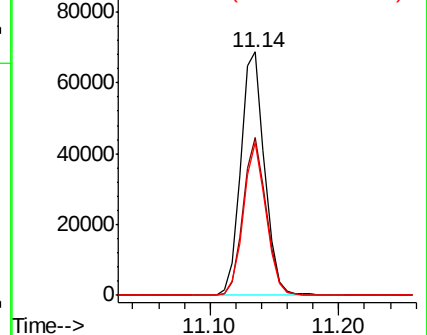
176 59.5 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX012125.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012125.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012125.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012125.D

Acq: 06 Sep 2019 03:48

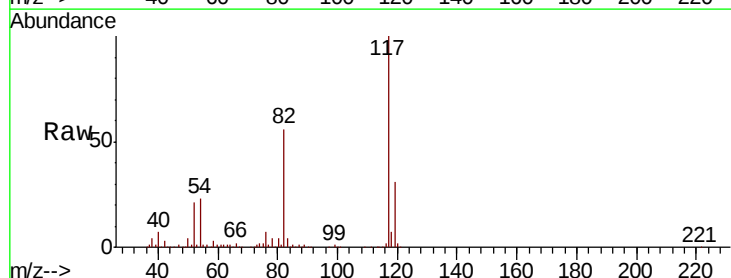
Tgt Ion: 117 Resp: 187391

Ion Ratio Lower Upper

117 100

82 56.2 39.4 59.0

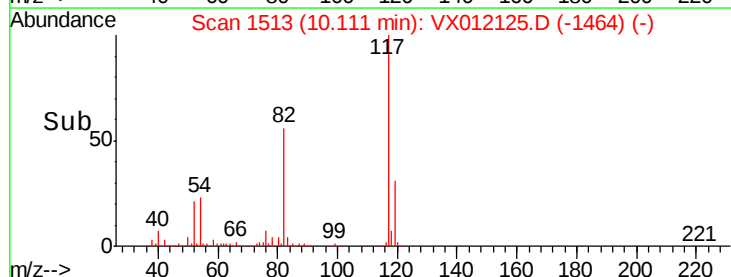
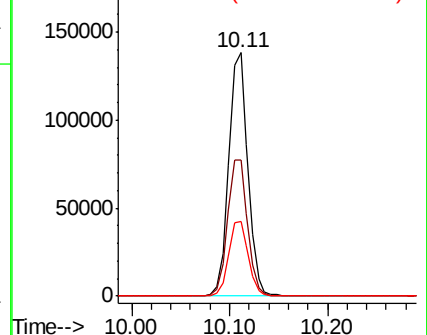
119 30.9 26.1 39.1

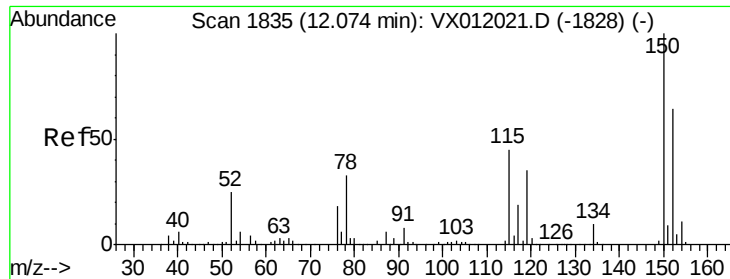


Abundance Ion 116.90 (116.60 to 117.60): VX012125.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012125.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012125.D (-1464) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012125.D

Acq: 06 Sep 2019 03:48

Instrument :

MSVOA_X

ClientSampleId :

SB-4-20-22

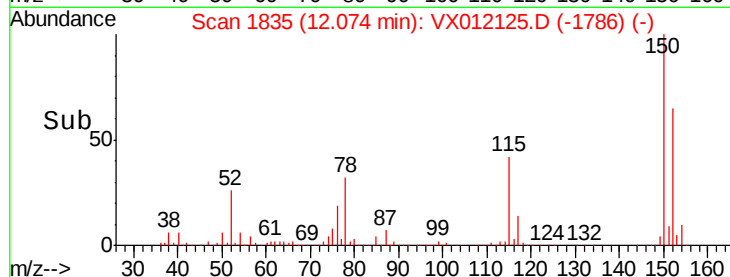
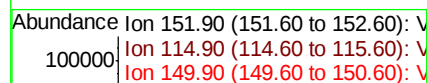
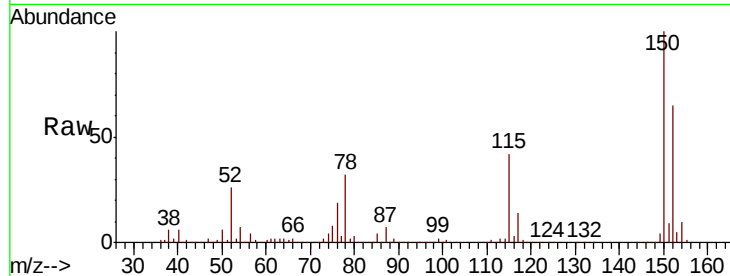
Tot Ion:152 Resp: 61476

Ion Ratio Lower Upper

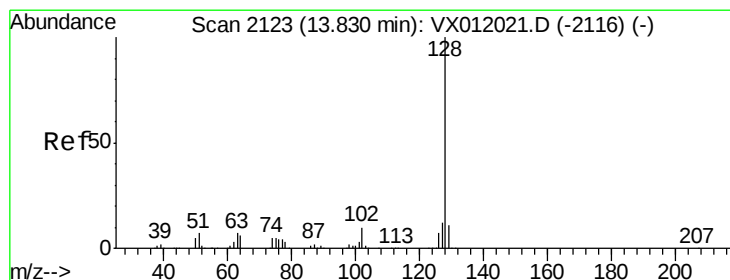
152 100

115 64.9 36.4 109.3

150 156.3 0.0 341.2



Time-->



#95

Naphthalene

Concen: 1.809 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012125.D

Acq: 06 Sep 2019 03:48

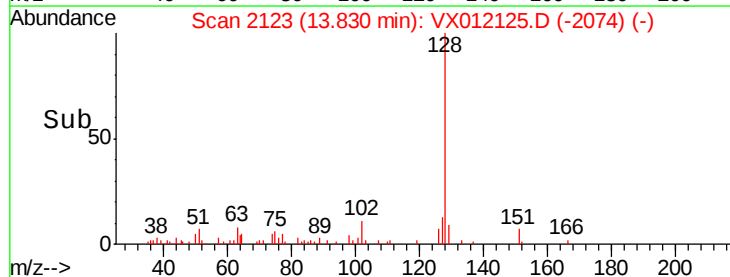
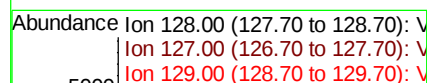
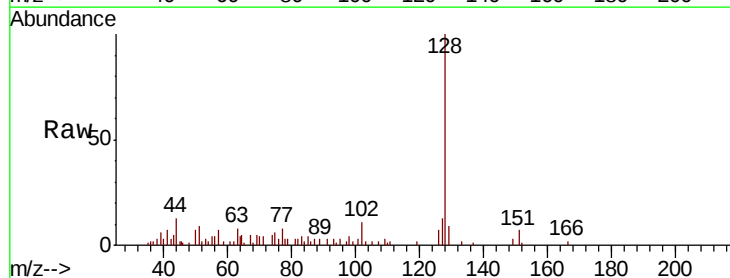
Tgt Ion:128 Resp: 5072

Ion Ratio Lower Upper

128 100

127 16.7 10.5 15.7#

129 13.3 8.8 13.2#



Time-->