

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090619\
 Data File : VX012164.D
 Acq On : 06 Sep 2019 22:40
 Operator : SY/SP
 Sample : K4554-58
 Misc : 4.85g/5.0mL/MSVOA X/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1-(13-15)

Quant Time: Sep 07 03:21:39 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

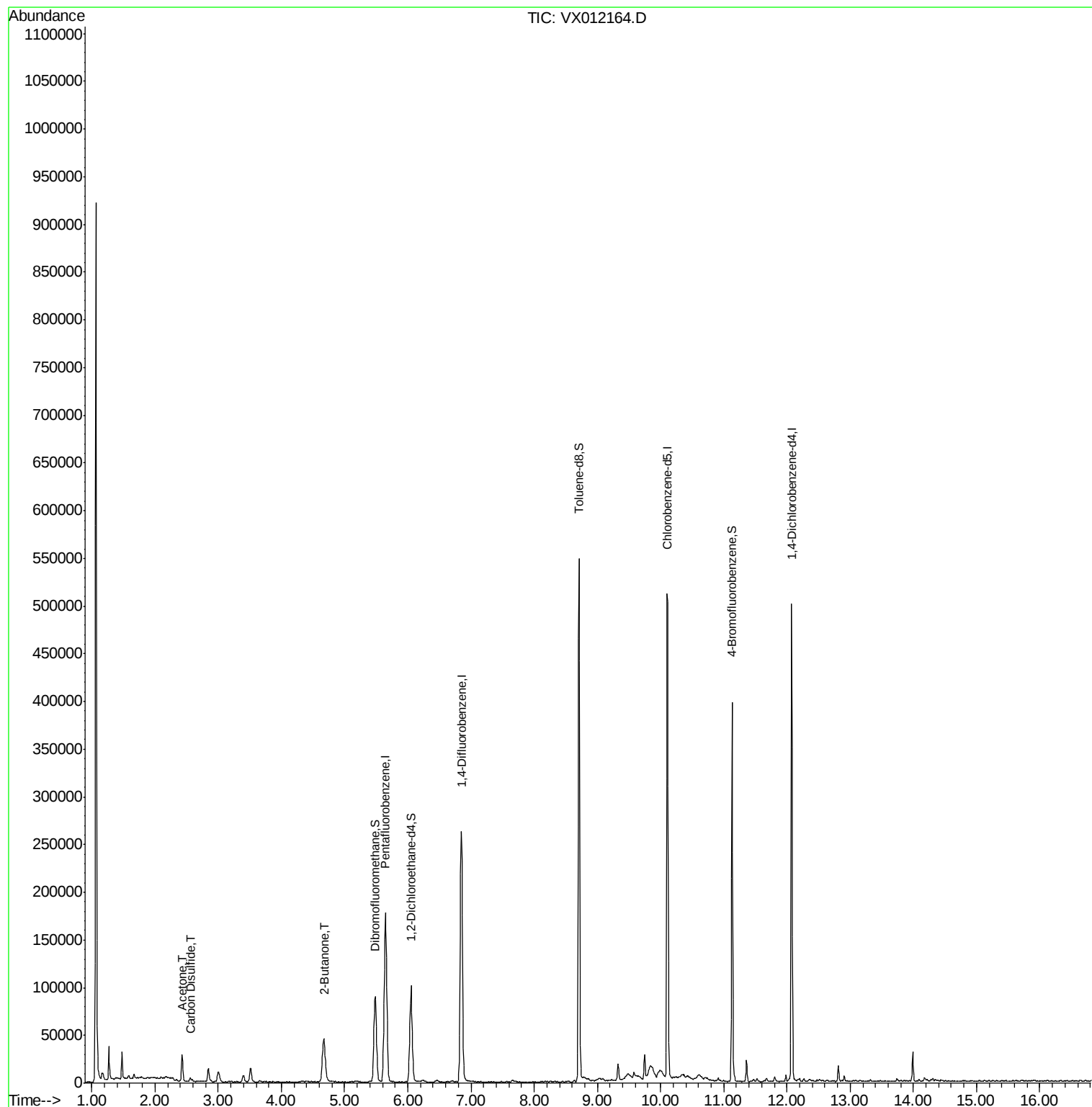
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	146886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	255344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	220384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	90343	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	100889	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
35) Dibromofluoromethane	5.48	113	77314	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
50) Toluene-d8	8.71	98	303244	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	11.13	95	114775	42.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.66%	
Target Compounds						
16) Acetone	2.43	43	30029	61.988	ug/l	94
17) Carbon Disulfide	2.56	76	4524	1.070	ug/l	98
25) 2-Butanone	4.67	43	12785	20.733	ug/l	91

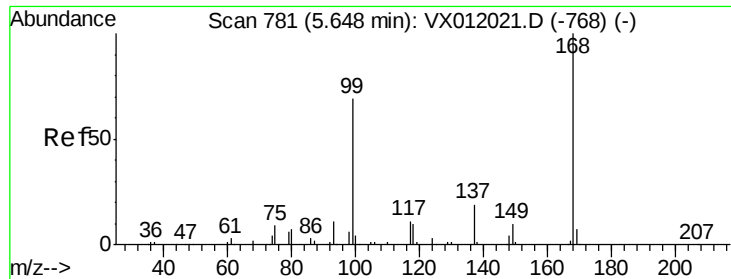
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012164.D

Acq: 06 Sep 2019 22:40

Instrument :

MSVOA_X

ClientSampleId :

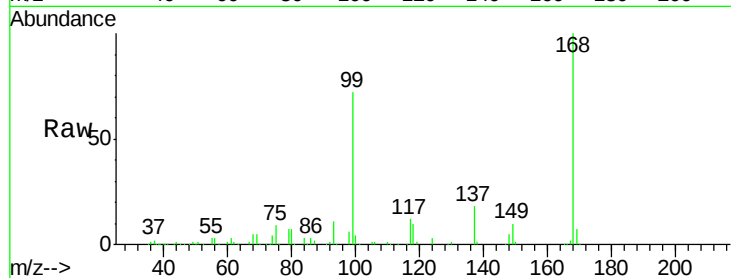
SB-1-(13-15)

Tot Ion:168 Resp: 146886

Ion Ratio Lower Upper

168 100

99 71.7 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

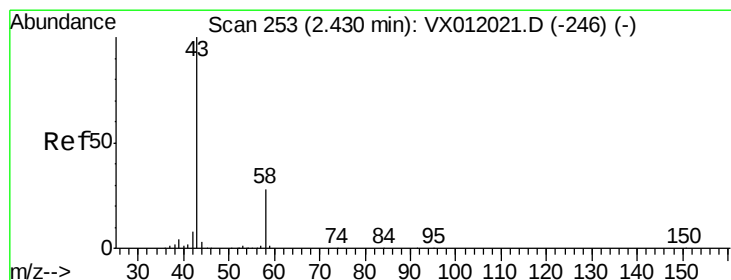
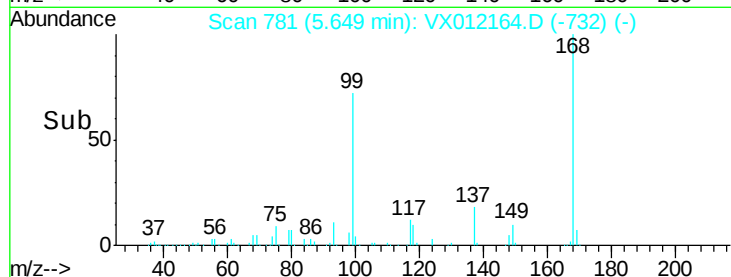
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 61.988 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012164.D

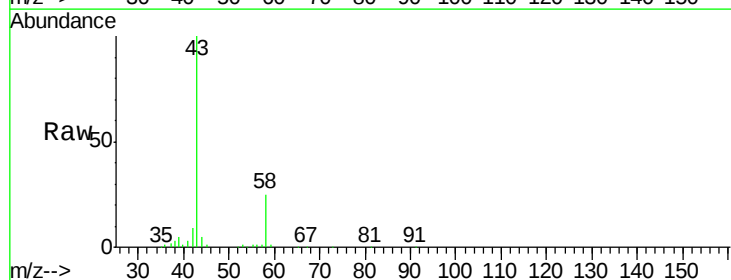
Acq: 06 Sep 2019 22:40

Tgt Ion: 43 Resp: 30029

Ion Ratio Lower Upper

43 100

58 25.2 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

20000

15000

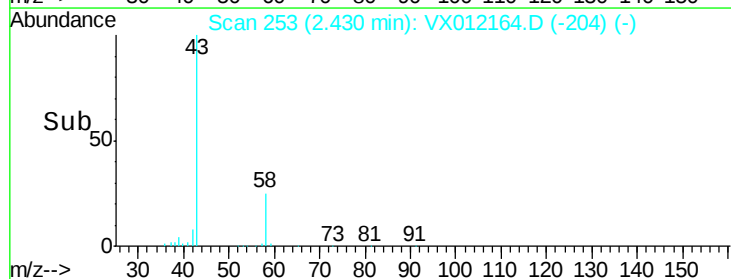
10000

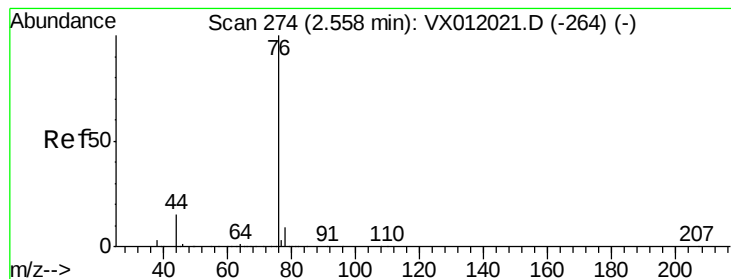
5000

0

Time-->

2.40 2.50





#17

Carbon Disulfide

Concen: 1.070 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012164.D

Acq: 06 Sep 2019 22:40

Instrument :

MSVOA_X

ClientSampleId :

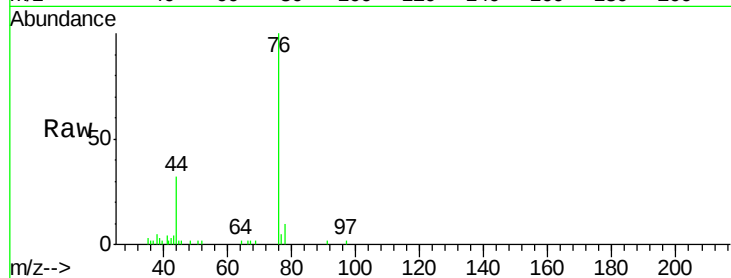
SB-1-(13-15)

Tot Ion: 76 Resp: 4524

Ion Ratio Lower Upper

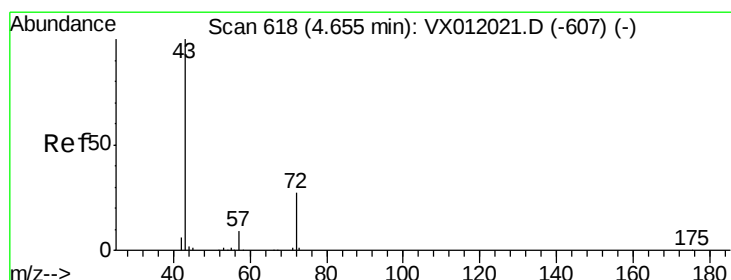
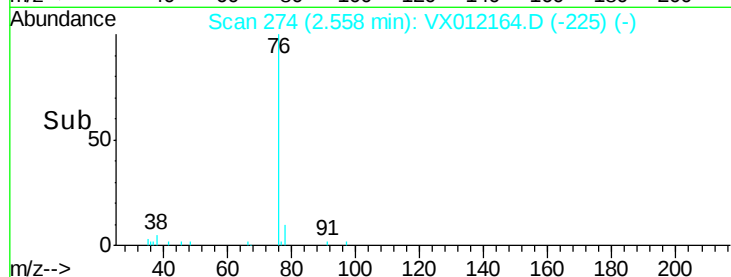
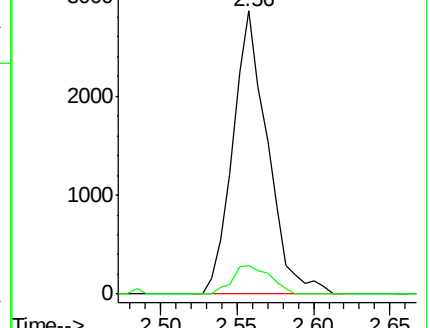
76 100

78 10.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#25

2-Butanone

Concen: 20.733 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX012164.D

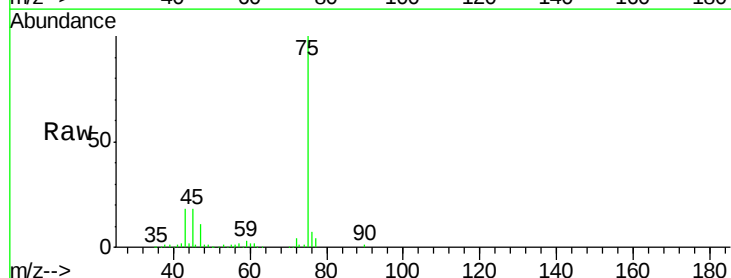
Acq: 06 Sep 2019 22:40

Tgt Ion: 43 Resp: 12785

Ion Ratio Lower Upper

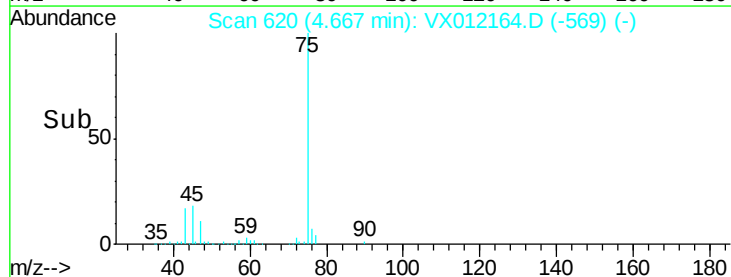
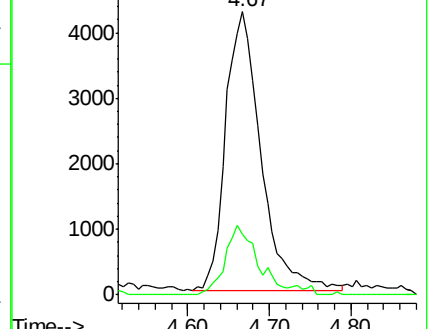
43 100

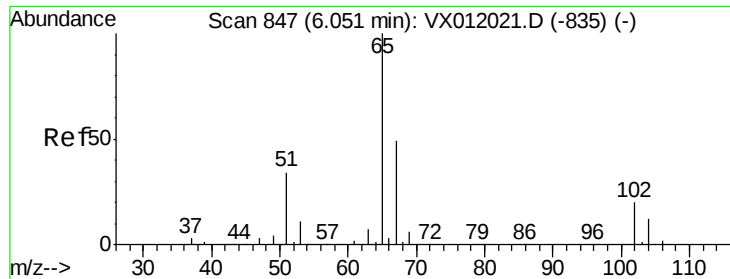
72 21.8 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.779 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012164.D

Acq: 06 Sep 2019 22:40

Instrument :

MSVOA_X

ClientSampleId :

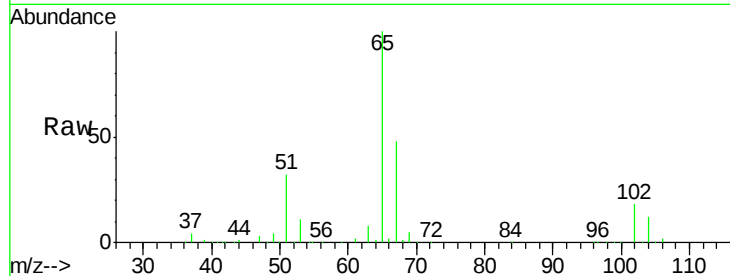
SB-1-(13-15)

Tot Ion: 65 Resp: 100889

Ion Ratio Lower Upper

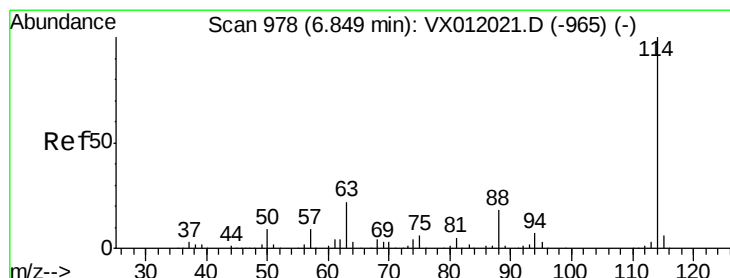
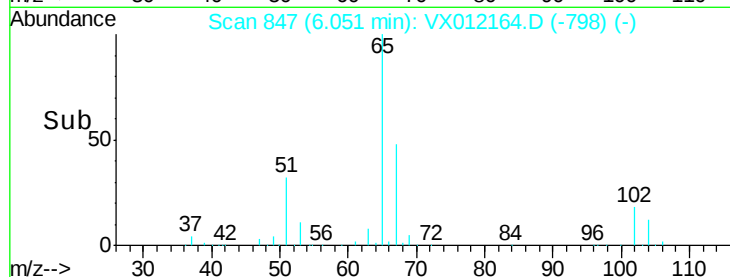
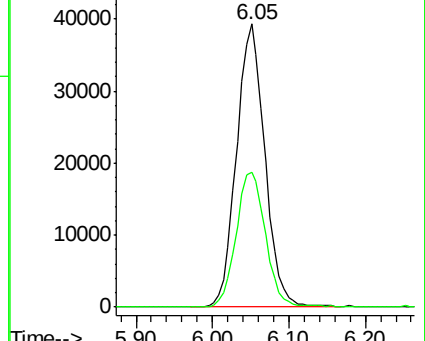
65 100

67 49.5 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: VX012164.D

Acq: 06 Sep 2019 22:40

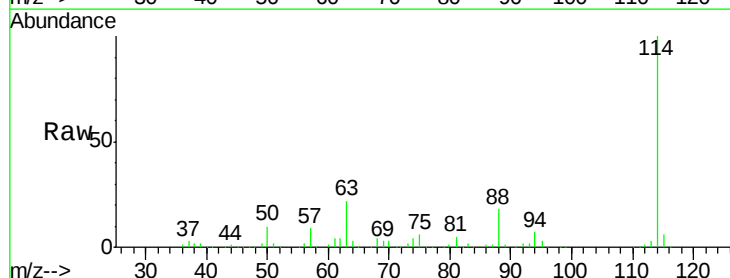
Tgt Ion: 114 Resp: 255344

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.4

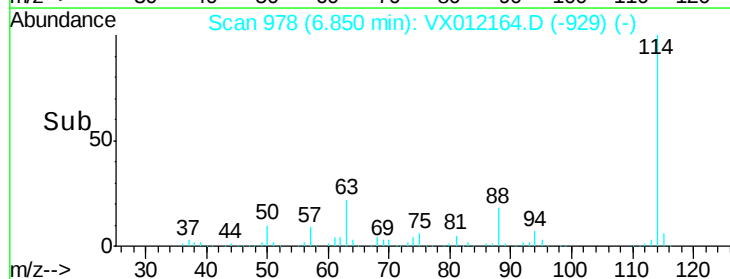
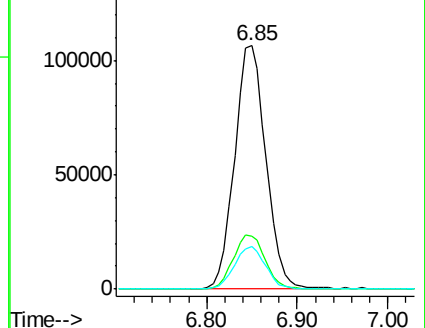
88 17.6 0.0 29.6

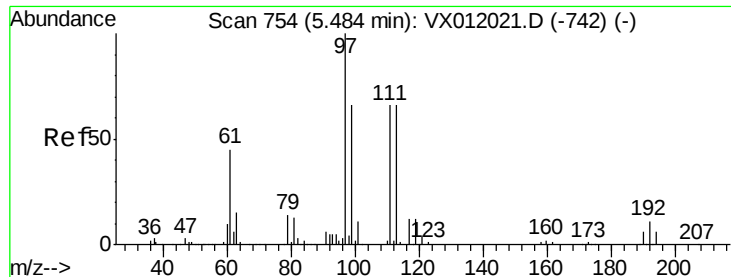


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

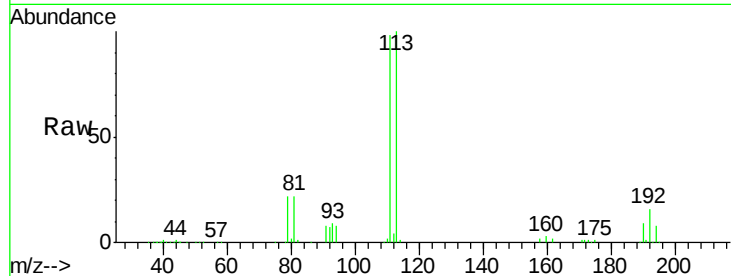




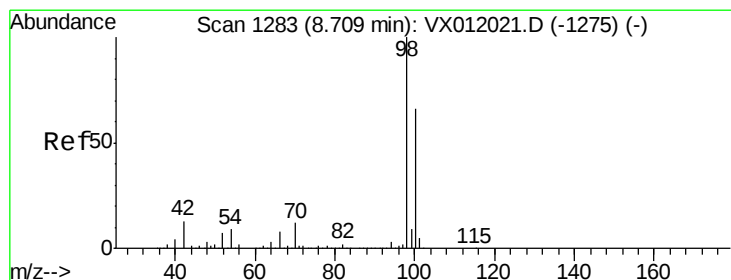
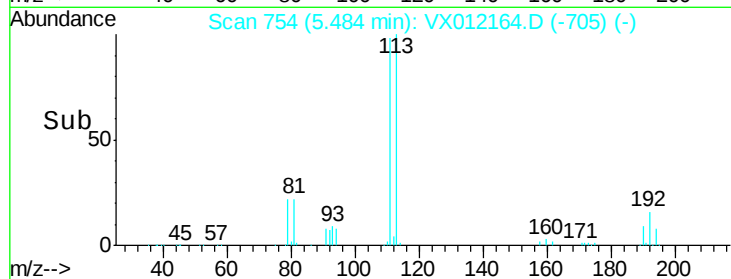
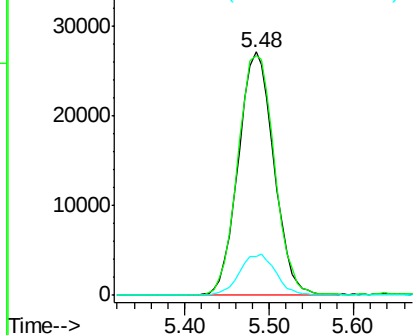
#35
 Dibromofluoromethane
 Concen: 49.235 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012164.D
 Acq: 06 Sep 2019 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1-(13-15)

Tot Ion:113 Resp: 77314
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.7 122.5
 192 17.3 22.5 33.7#

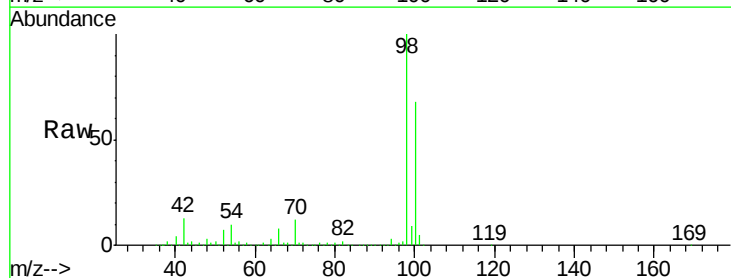


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

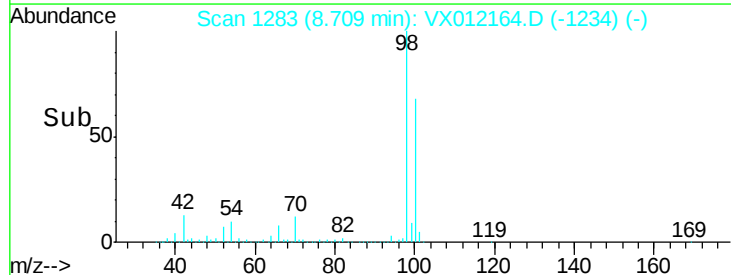
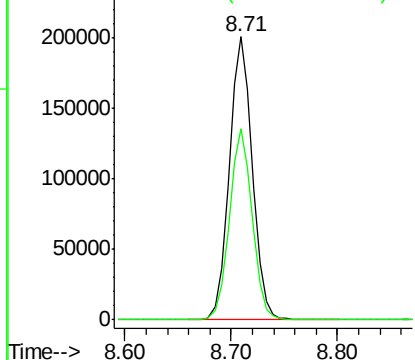


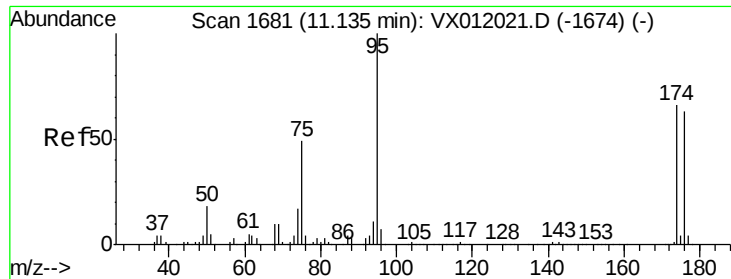
#50
 Toluene-d8
 Concen: 52.626 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012164.D
 Acq: 06 Sep 2019 22:40

Tgt Ion: 98 Resp: 303244
 Ion Ratio Lower Upper
 98 100
 100 66.9 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: 42.830 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012164.D

Acq: 06 Sep 2019 22:40

Instrument :

MSVOA_X

ClientSampled :

SB-1-(13-15)

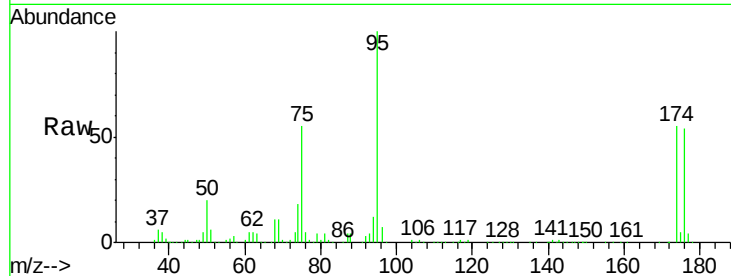
Tot Ion: 95 Resp: 114775

Ion Ratio Lower Upper

95 100

174 63.3 0.0 205.4

176 60.9 0.0 201.8

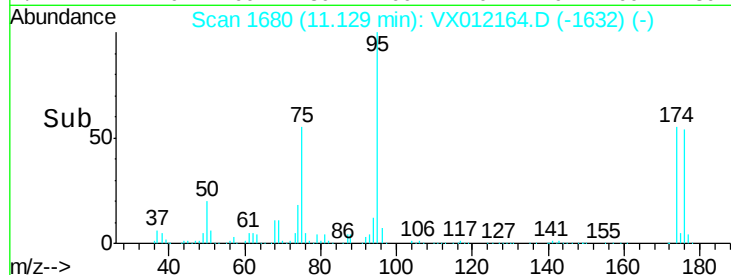


Abundance Ion 94.90 (94.60 to 95.60): VX012021.D (-1674) (-)

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

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

Time-->



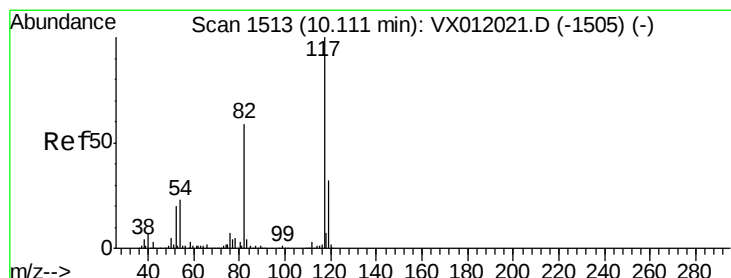
Abundance

Ion 94.90 (94.60 to 95.60): VX012164.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012164.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012164.D (-1632) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012164.D

Acq: 06 Sep 2019 22:40

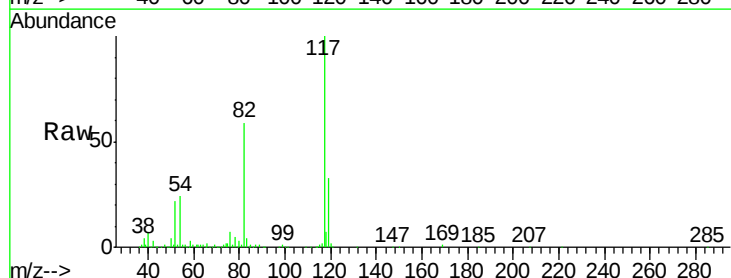
Tgt Ion: 117 Resp: 220384

Ion Ratio Lower Upper

117 100

82 59.0 39.4 59.0

119 32.4 26.1 39.1

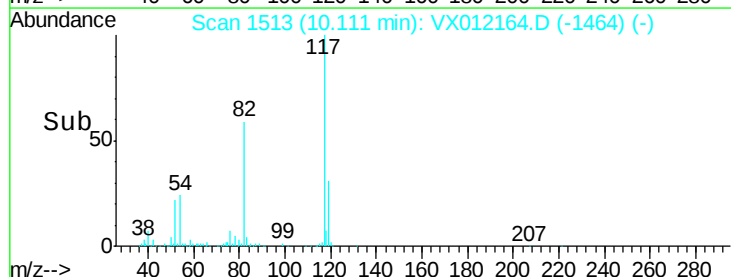


Abundance Ion 116.90 (116.60 to 117.60): VX012021.D (-1505) (-)

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

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

Time-->



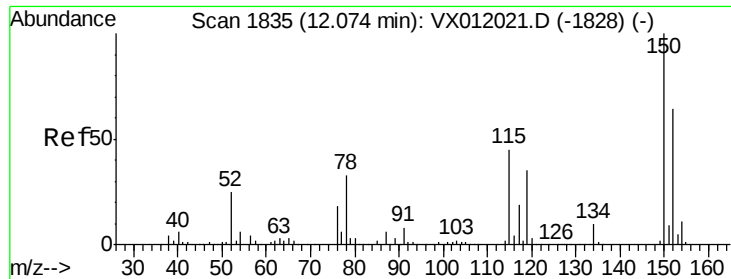
Abundance

Ion 116.90 (116.60 to 117.60): VX012164.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012164.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012164.D (-1464) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012164.D

Acq: 06 Sep 2019 22:40

Instrument :

MSVOA_X

ClientSampleId :

SB-1-(13-15)

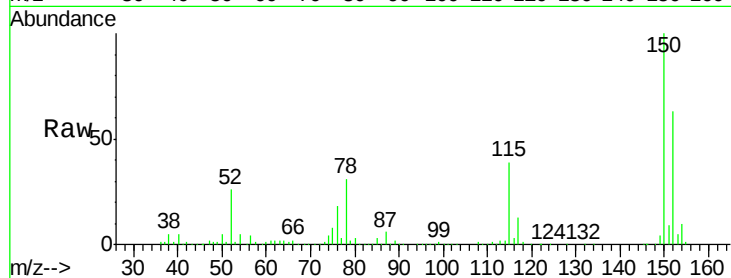
Tot Ion:152 Resp: 90343

Ion Ratio Lower Upper

152 100

115 64.6 36.4 109.3

150 157.6 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

