

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090619\
 Data File : VX012163.D
 Acq On : 06 Sep 2019 22:12
 Operator : SY/SP
 Sample : K4554-57
 Misc : 5.63g/5.0mL/MSVOA X/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1-(0-2)

Quant Time: Sep 07 03:19:33 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	5.64	168	162468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	273512	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98241	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	102388	45.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.34%	
35) Dibromofluoromethane	5.48	113	79478	47.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.50%	
50) Toluene-d8	8.71	98	319588	51.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	11.14	95	123431	43.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.00%	

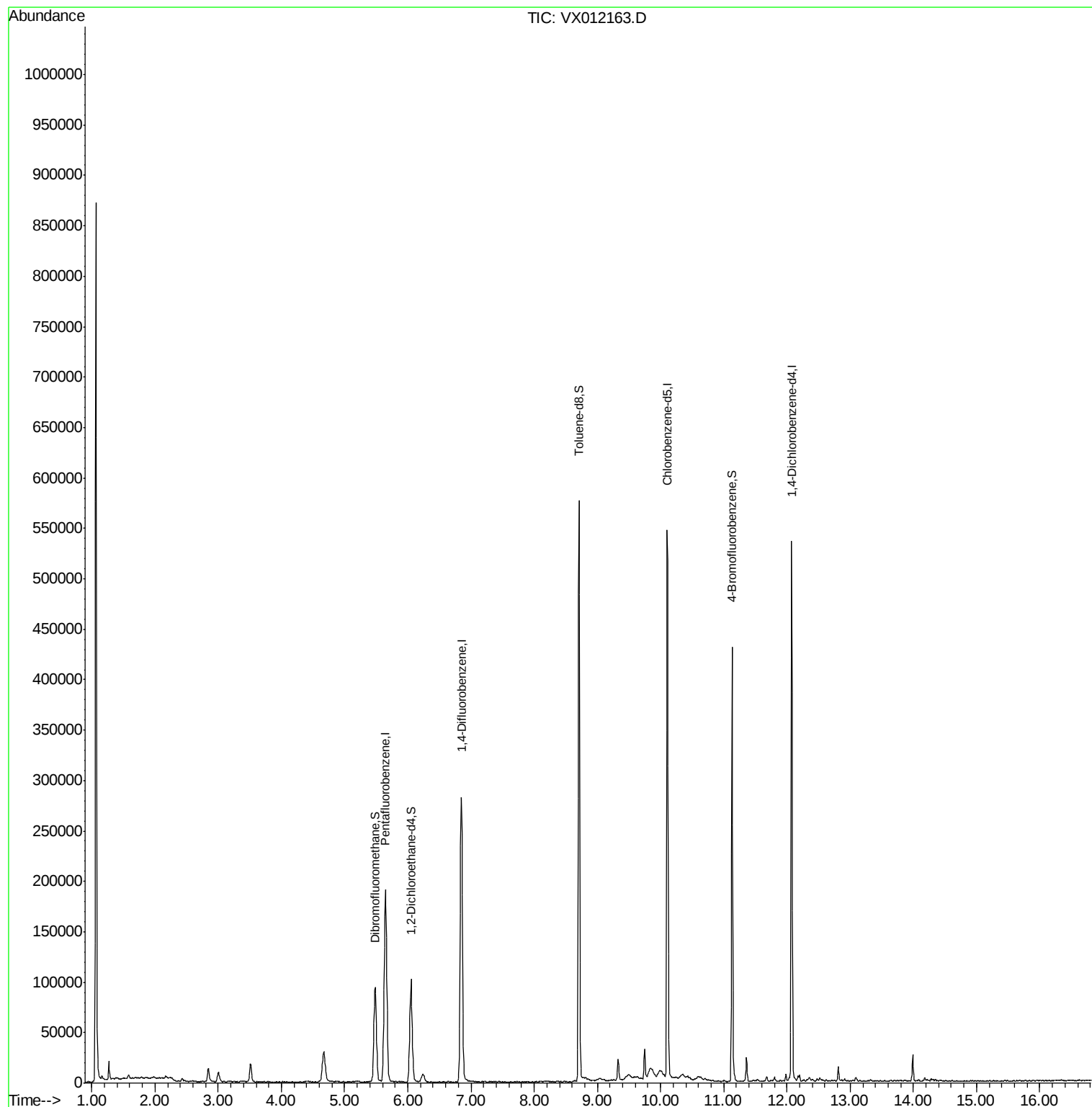
Target Compounds	Qvalue
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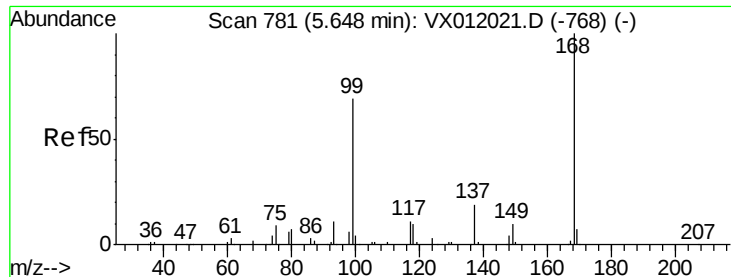
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012163.D

Acq: 06 Sep 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

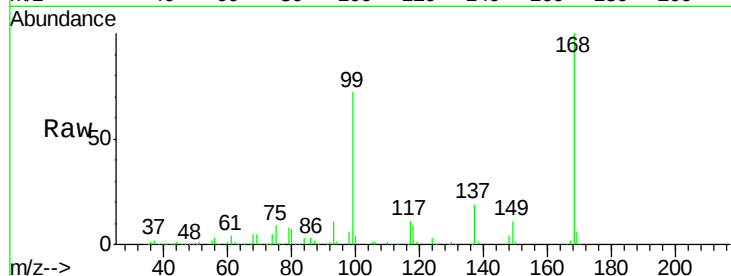
SB-1-(0-2)

Tot Ion:168 Resp: 162468

Ion Ratio Lower Upper

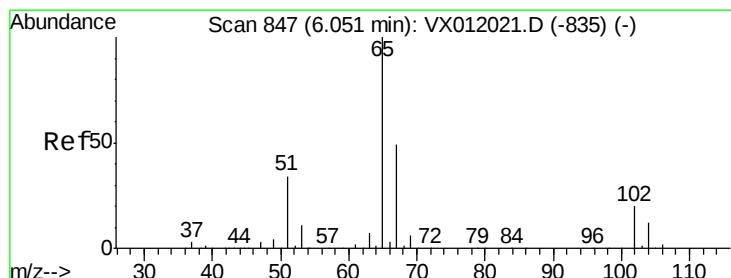
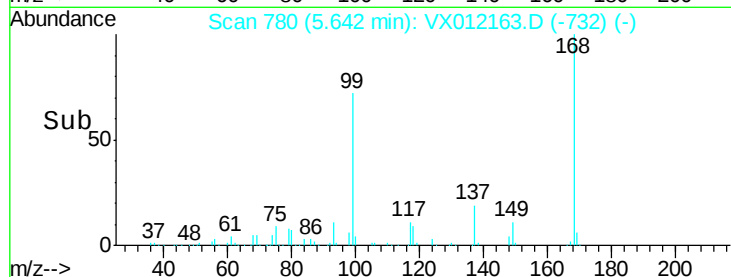
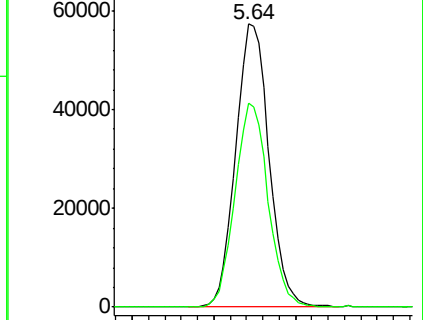
168 100

99 72.1 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.674 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012163.D

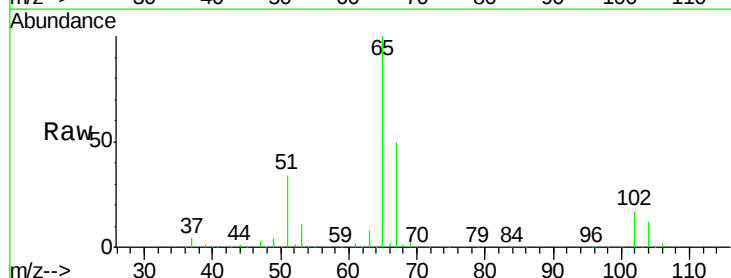
Acq: 06 Sep 2019 22:12

Tgt Ion: 65 Resp: 102388

Ion Ratio Lower Upper

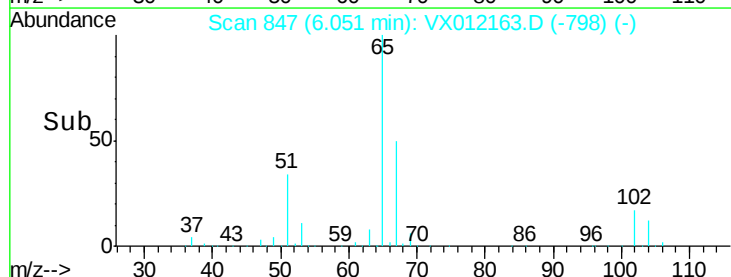
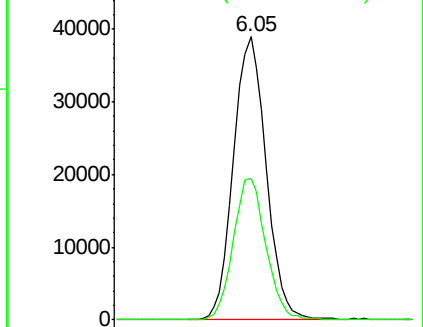
65 100

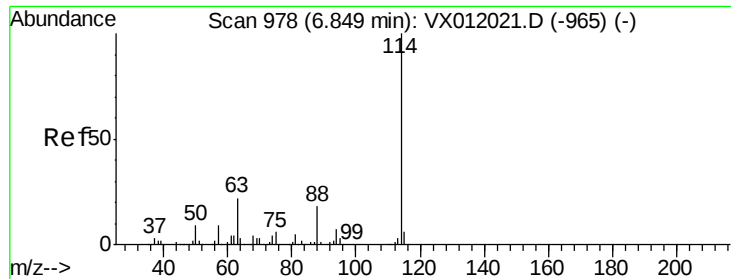
67 49.7 0.0 102.0



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: VX012163.D

Acq: 06 Sep 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

SB-1(0-2)

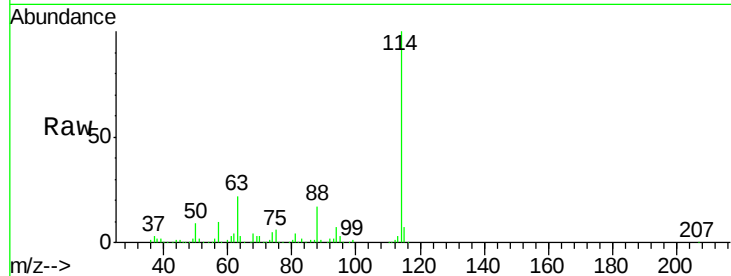
Tot Ion:114 Resp: 273512

Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.4

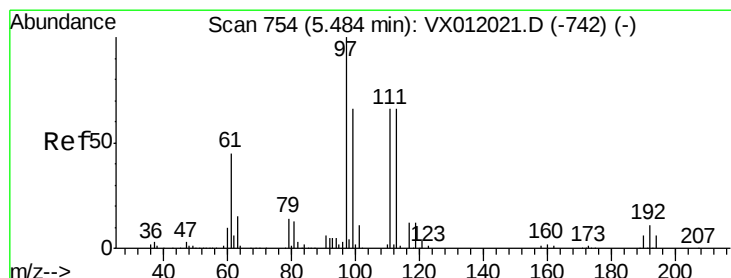
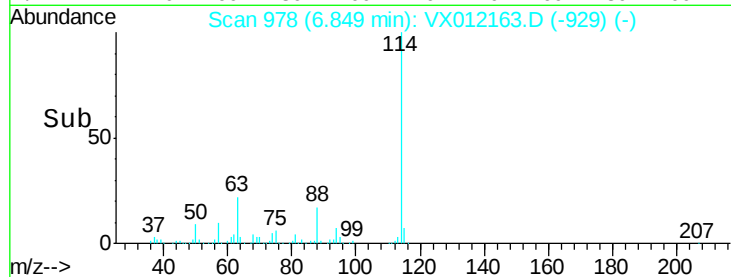
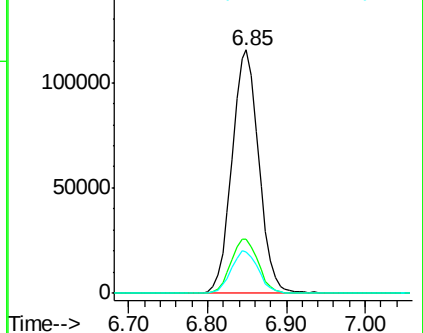
88 17.1 0.0 29.6



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: 47.252 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012163.D

Acq: 06 Sep 2019 22:12

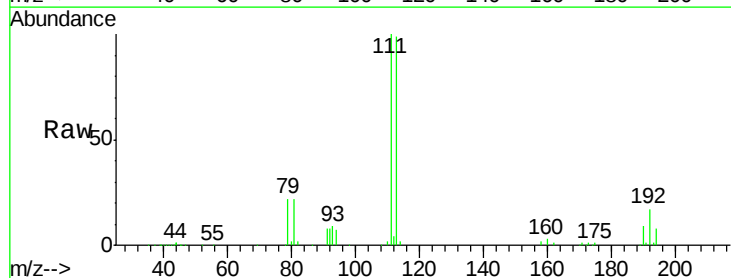
Tgt Ion:113 Resp: 79478

Ion Ratio Lower Upper

113 100

111 101.1 81.7 122.5

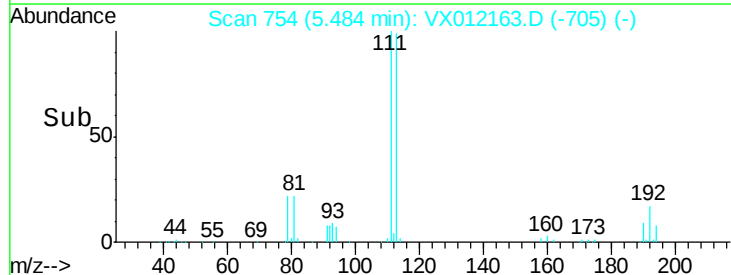
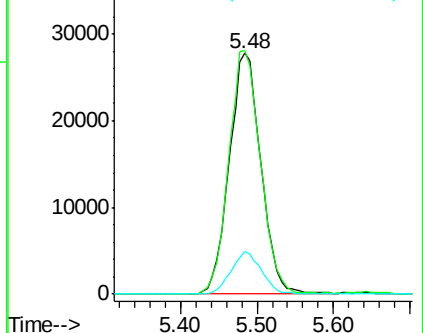
192 16.9 22.5 33.7#

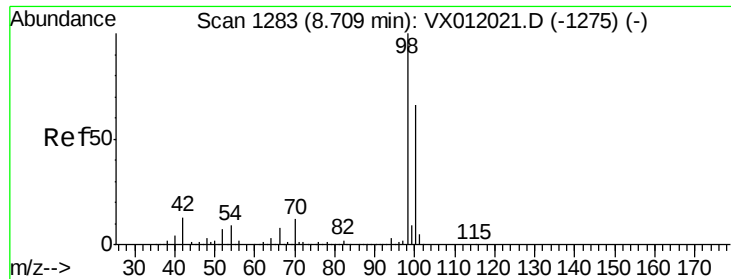


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.778 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012163.D

Acq: 06 Sep 2019 22:12

Instrument :

MSVOA_X

ClientSampleId :

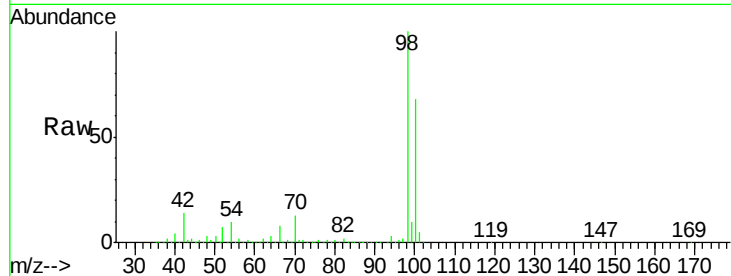
SB-1-(0-2)

Tot Ion: 98 Resp: 319588

Ion Ratio Lower Upper

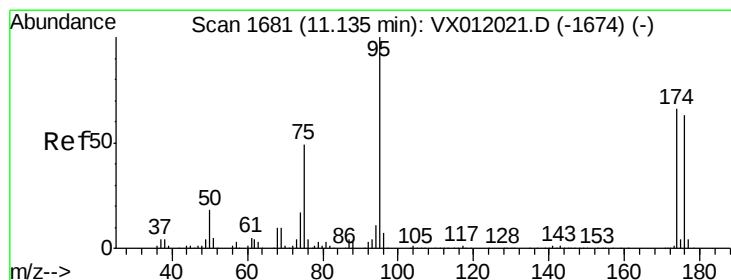
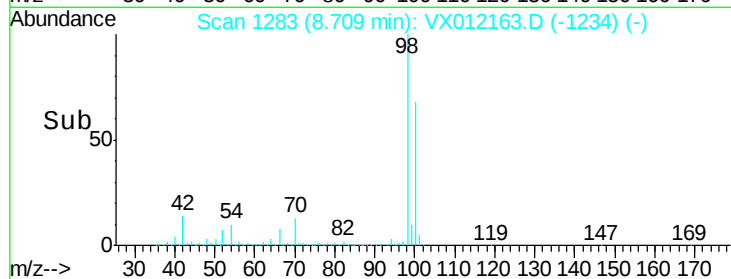
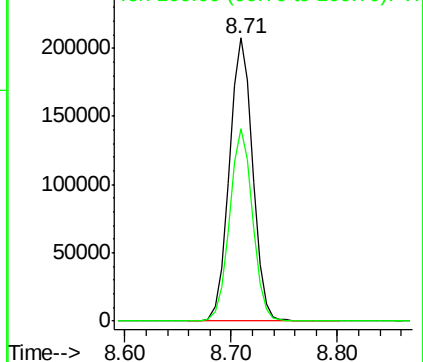
98 100

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): VX



#62

4-Bromofluorobenzene

Concen: 43.000 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012163.D

Acq: 06 Sep 2019 22:12

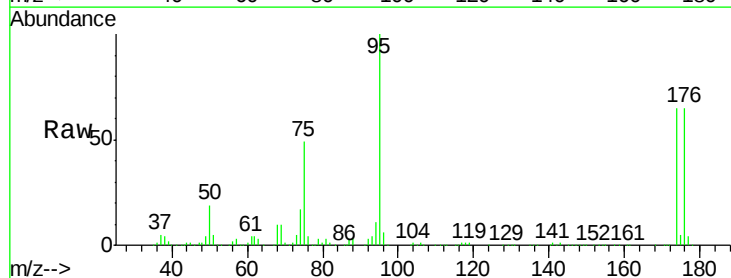
Tgt Ion: 95 Resp: 123431

Ion Ratio Lower Upper

95 100

174 62.5 0.0 205.4

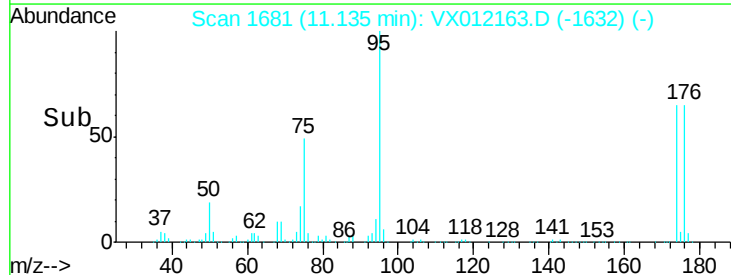
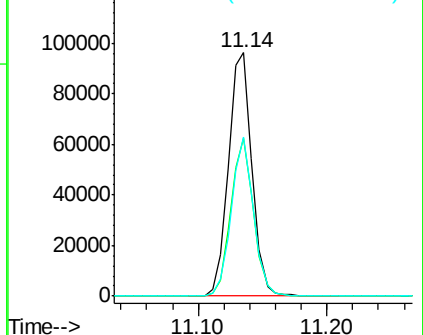
176 61.4 0.0 201.8

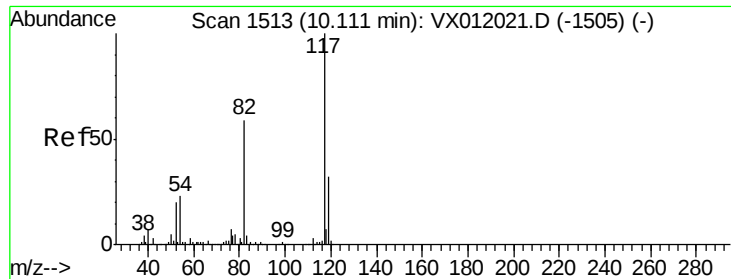


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

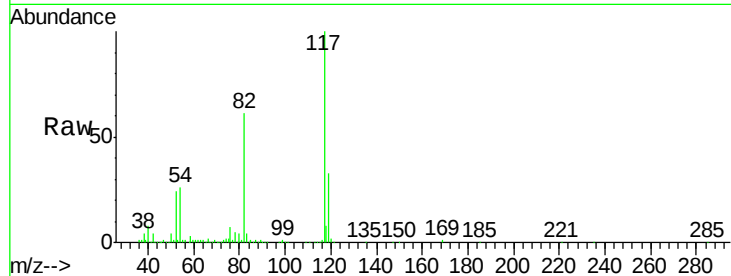




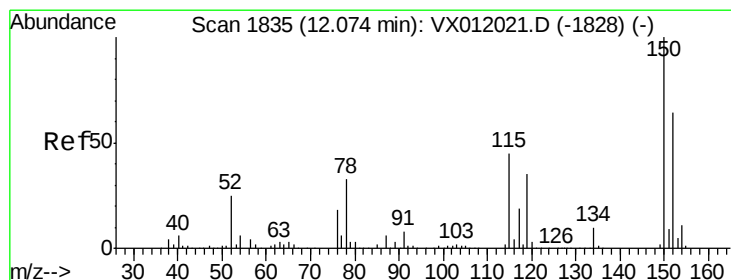
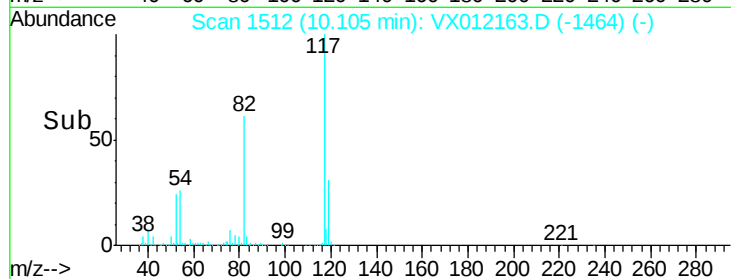
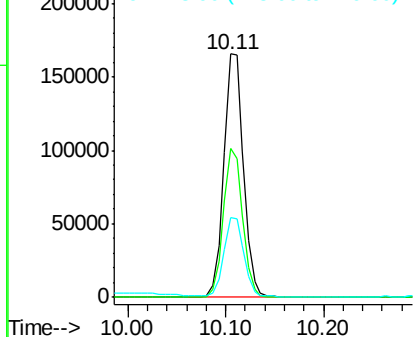
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012163.D
Acq: 06 Sep 2019 22:12

Instrument :
MSVOA_X
ClientSampleId :
SB-1-(0-2)

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.3	39.4	59.0#
119	32.4	26.1	39.1

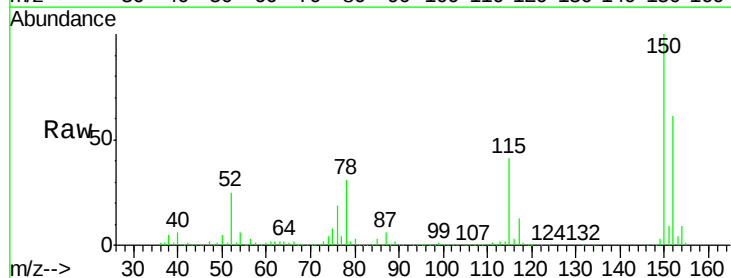


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012163.D
Acq: 06 Sep 2019 22:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.3	36.4	109.3
150	156.4	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

