

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091019\
 Data File : VX012259.D
 Acq On : 10 Sep 2019 16:55
 Operator : SY/SP
 Sample : K4624-05
 Misc : 5.21g/5.0mL/MSVOA X/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-E4-(4)

Quant Time: Sep 11 02:01:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	167519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296507	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118566	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	118374	49.98	ug/l	0.00
Spiked Amount						
			Recovery	=	99.96%	
35) Dibromofluoromethane	5.48	113	90345	47.53	ug/l	0.00
Spiked Amount						
			Recovery	=	95.06%	
50) Toluene-d8	8.71	98	356326	53.45	ug/l	0.00
Spiked Amount						
			Recovery	=	106.90%	
62) 4-Bromofluorobenzene	11.14	95	143888	46.56	ug/l	0.00
Spiked Amount						
			Recovery	=	93.12%	

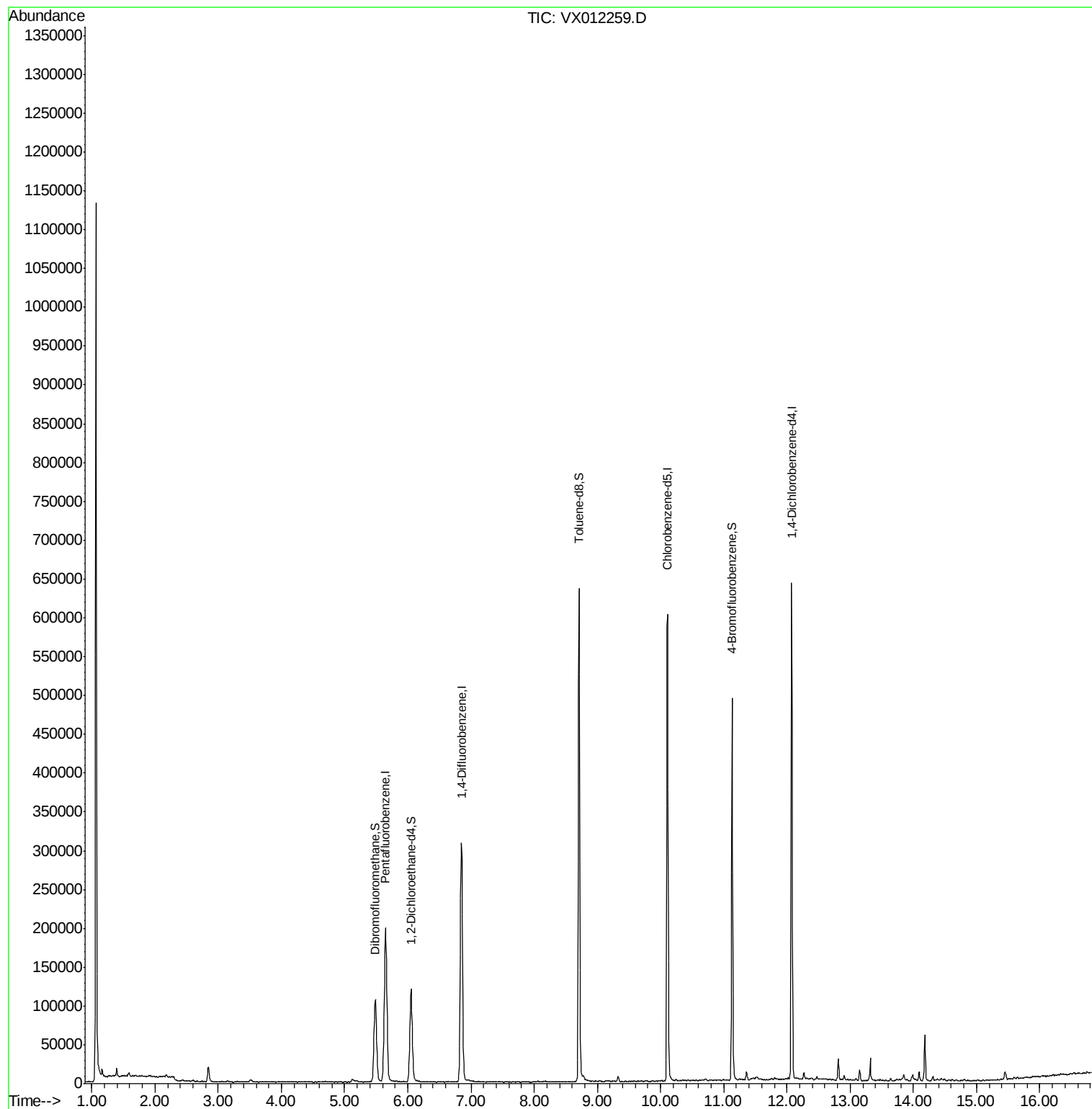
Target Compounds	Qvalue

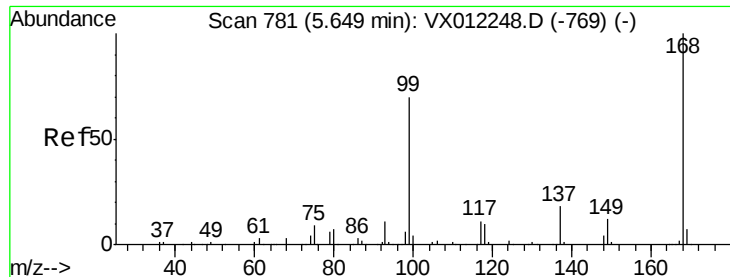
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012259.D

Acq: 10 Sep 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

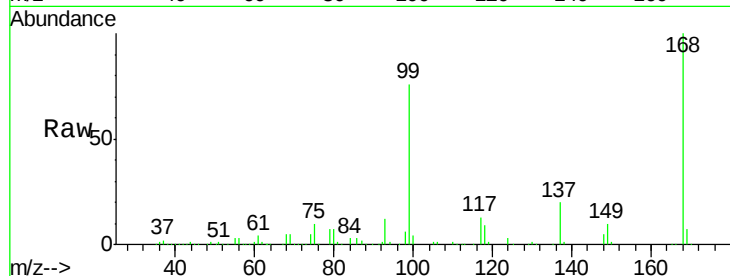
PAR-11-E4-(4)

Tot Ion:168 Resp: 167519

Ion Ratio Lower Upper

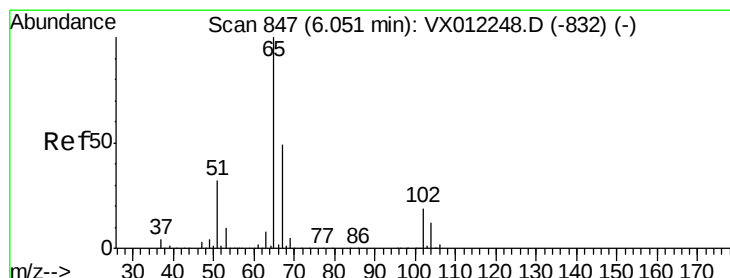
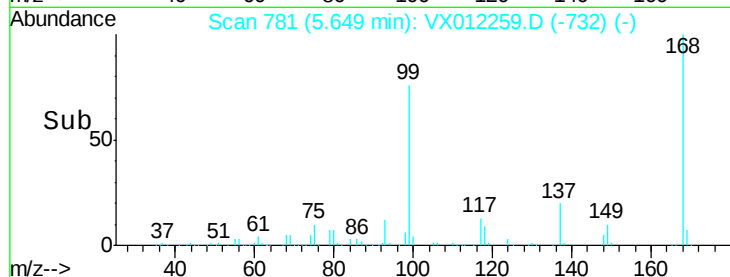
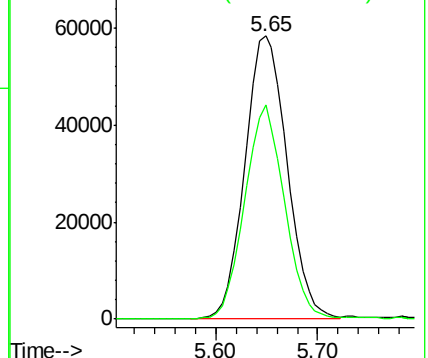
168 100

99 75.3 55.8 83.6



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: 49.981 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012259.D

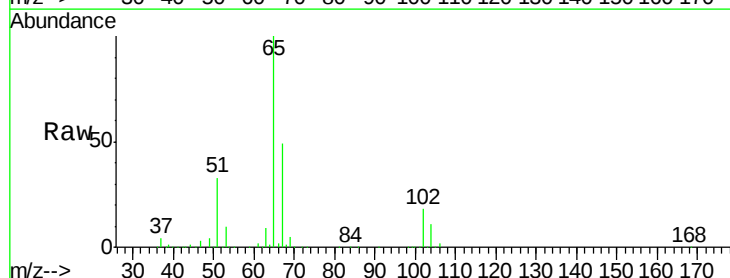
Acq: 10 Sep 2019 16:55

Tgt Ion: 65 Resp: 118374

Ion Ratio Lower Upper

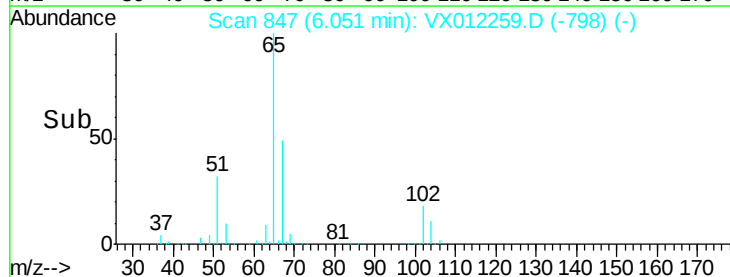
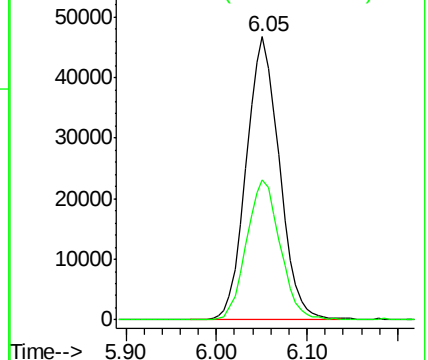
65 100

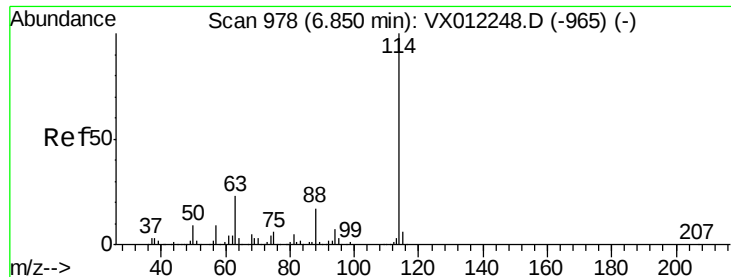
67 50.3 0.0 99.8



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: VX012259.D

Acq: 10 Sep 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-E4-(4)

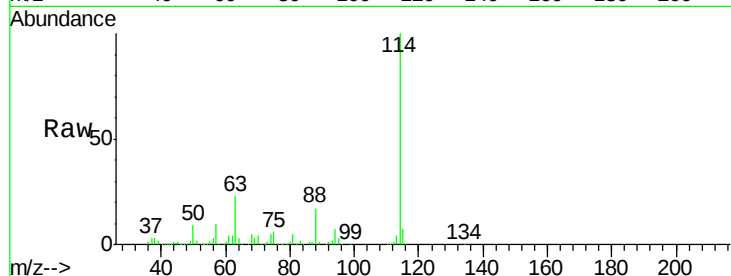
Tot Ion:114 Resp: 296507

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.2

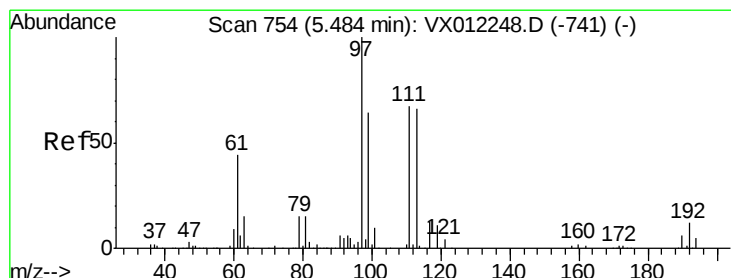
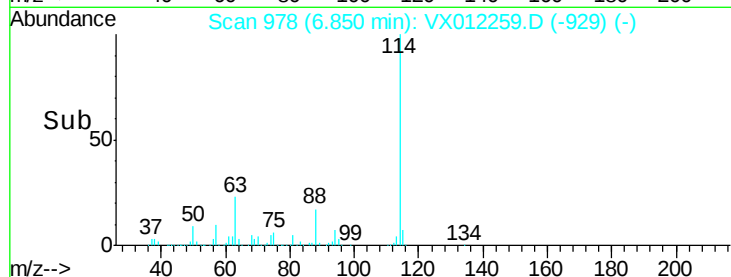
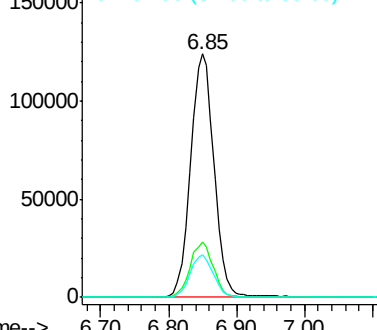
88 17.4 0.0 34.8



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: 47.531 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012259.D

Acq: 10 Sep 2019 16:55

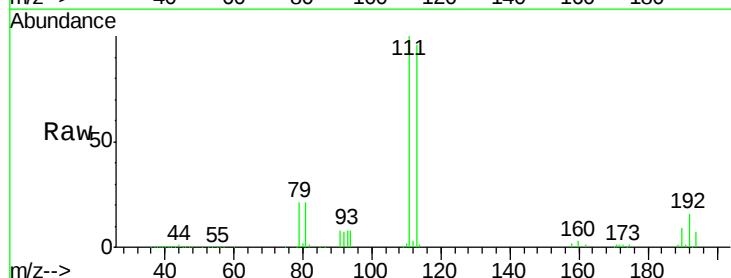
Tgt Ion:113 Resp: 90345

Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.6

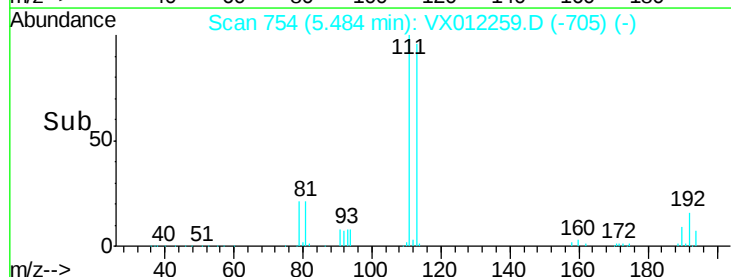
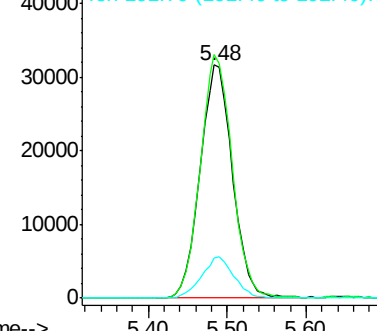
192 17.6 14.3 21.5

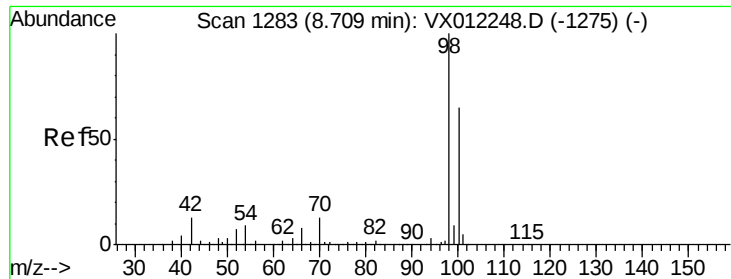


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.450 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012259.D

Acq: 10 Sep 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

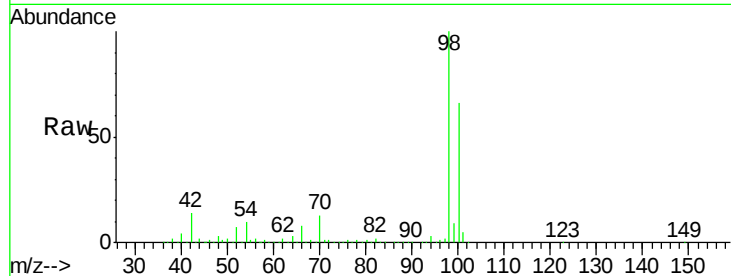
PAR-11-E4-(4)

Tot Ion: 98 Resp: 356326

Ion Ratio Lower Upper

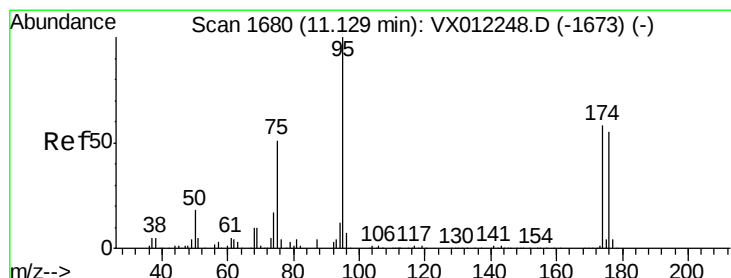
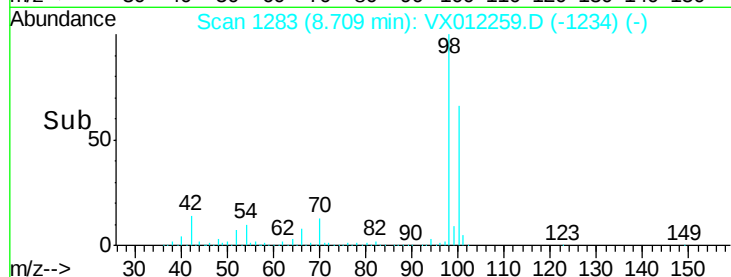
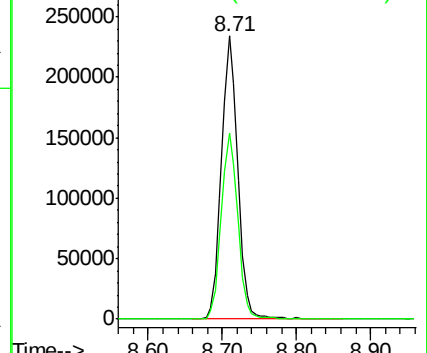
98 100

100 66.5 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.556 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012259.D

Acq: 10 Sep 2019 16:55

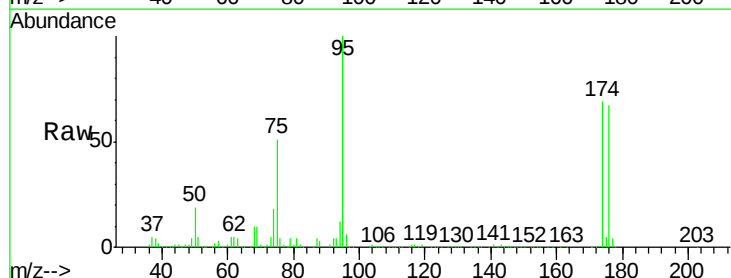
Tgt Ion: 95 Resp: 143888

Ion Ratio Lower Upper

95 100

174 65.1 0.0 127.0

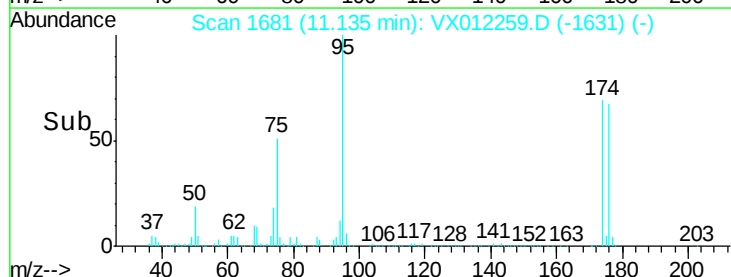
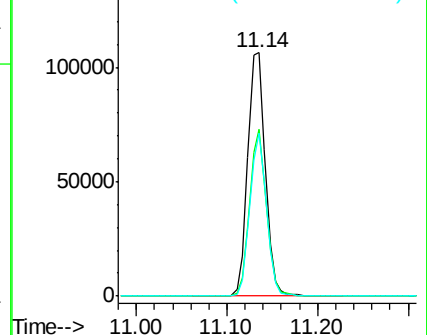
176 63.0 0.0 125.8

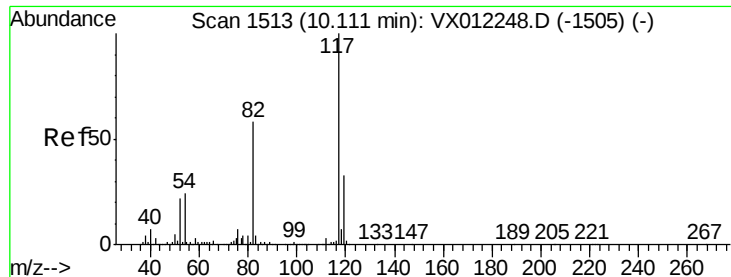


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

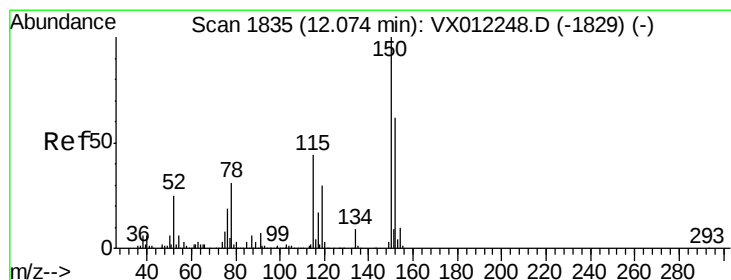
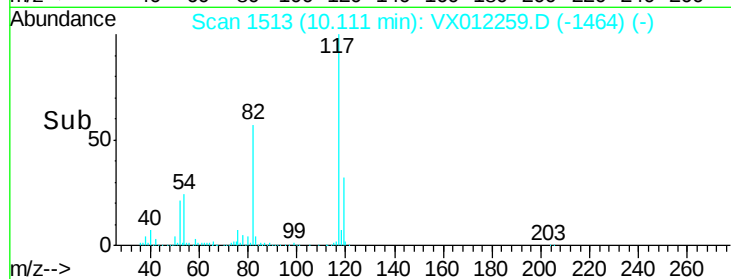
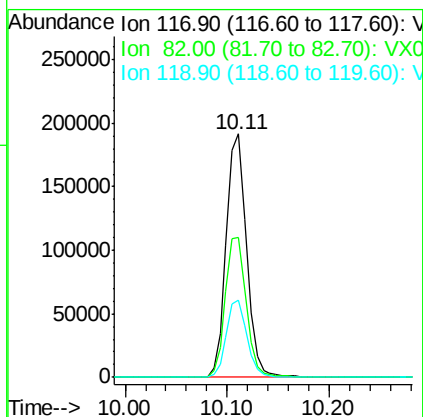
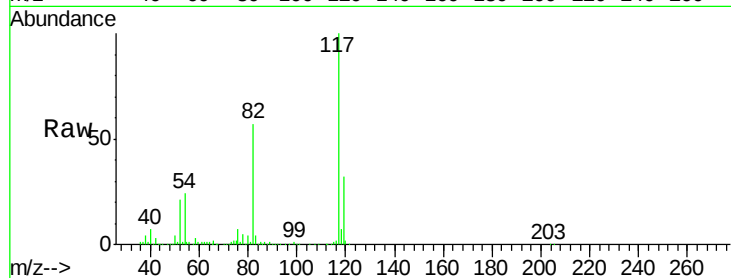




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012259.D
Acq: 10 Sep 2019 16:55

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-E4-(4)

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.4	69.6
119	32.0	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012259.D
Acq: 10 Sep 2019 16:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.7	45.5	136.4
150	153.2	0.0	346.4

