

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091319\
 Data File : VX012390.D
 Acq On : 13 Sep 2019 16:50
 Operator : SY/SP
 Sample : K4695-11
 Misc : 6.21g/5.0mL/MSVOA X/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T5-3-(0)

Quant Time: Sep 14 00:40:33 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	171806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288895	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103392	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	110638	45.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.10%	
35) Dibromofluoromethane	5.48	113	86212	46.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.10%	
50) Toluene-d8	8.71	98	340013	52.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.70%	
62) 4-Bromofluorobenzene	11.13	95	123190	40.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.82%	

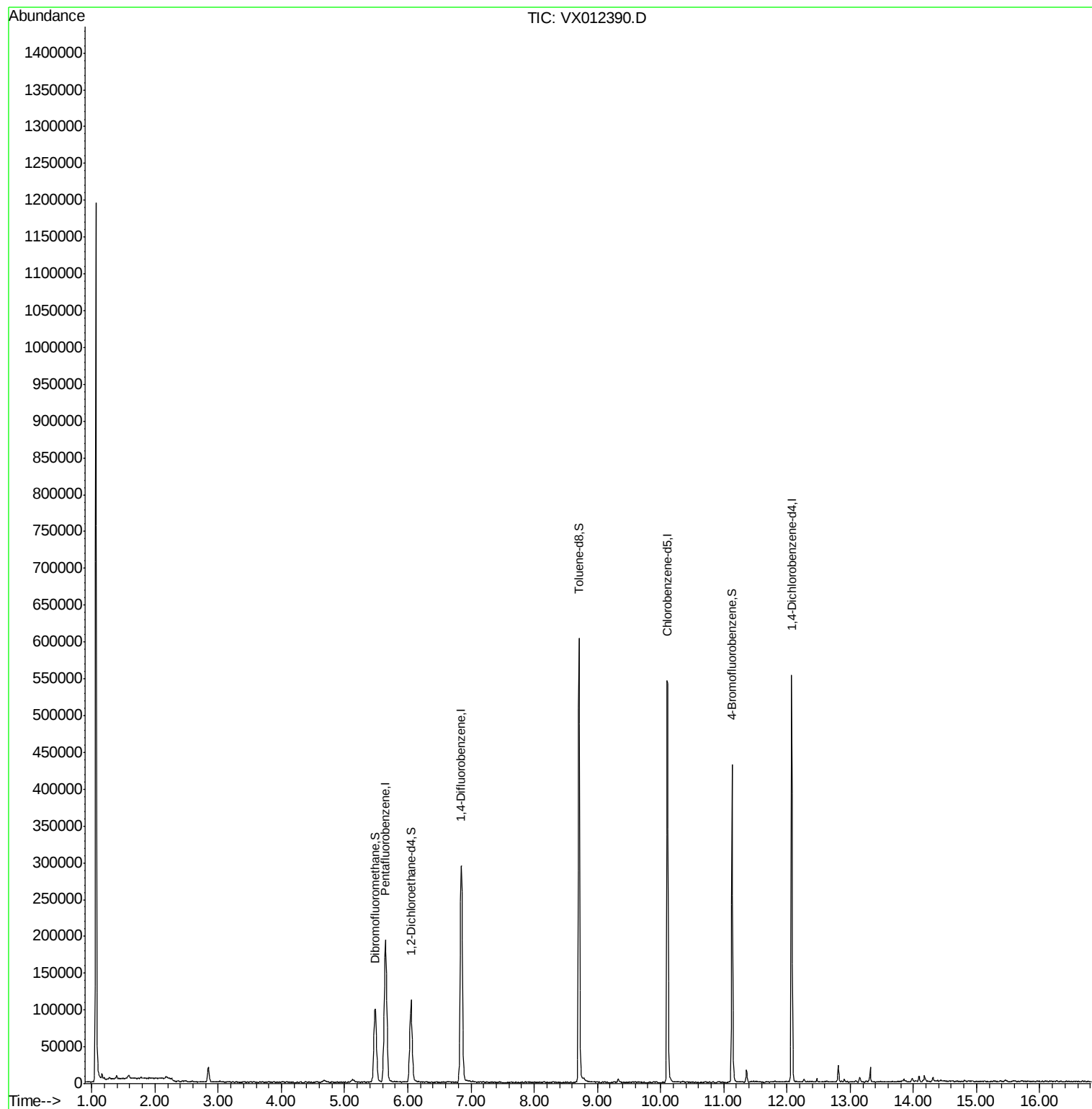
Target Compounds	Qvalue

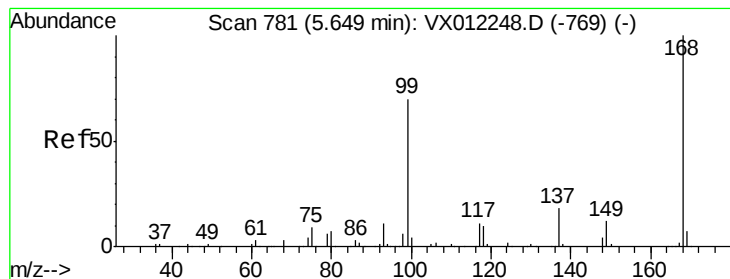
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 14 00:40:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 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: VX012390.D

Acq: 13 Sep 2019 16:50

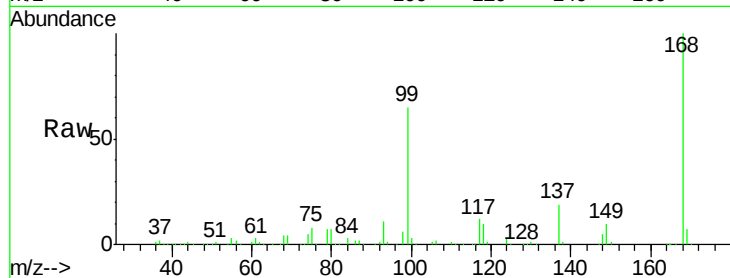
Instrument :
MSVOA_X
ClientSampleId :
T5-3-(0)

Tot Ion:168 Resp: 171806

Ion Ratio Lower Upper

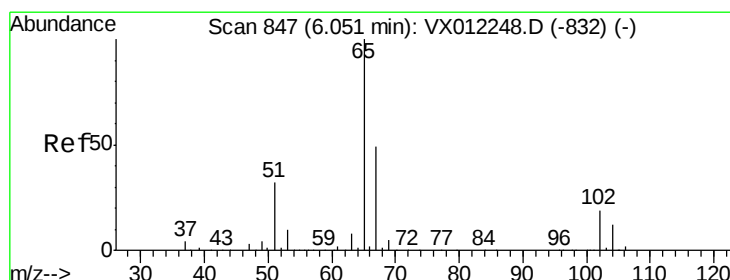
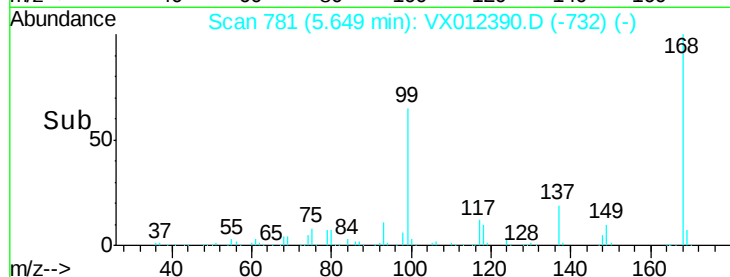
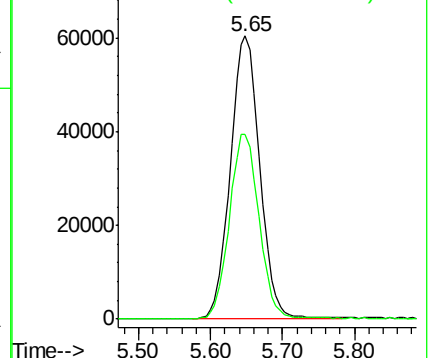
168 100

99 65.1 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: 45.549 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012390.D

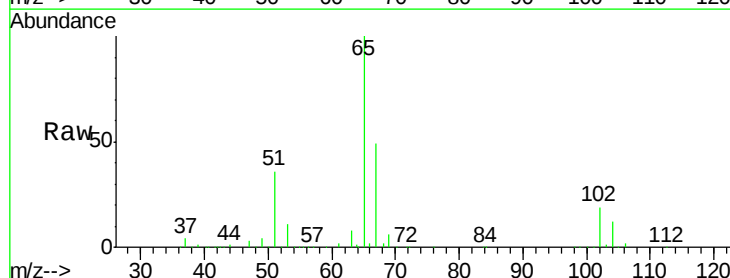
Acq: 13 Sep 2019 16:50

Tgt Ion: 65 Resp: 110638

Ion Ratio Lower Upper

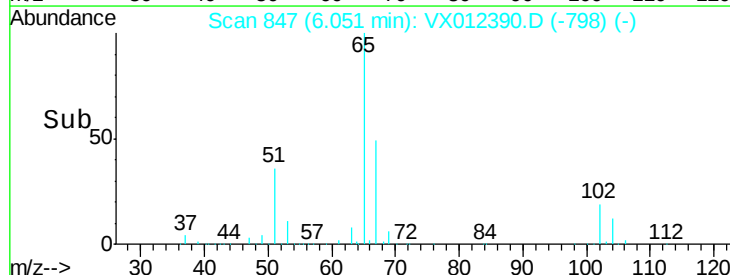
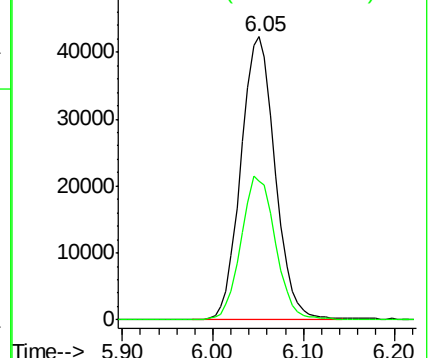
65 100

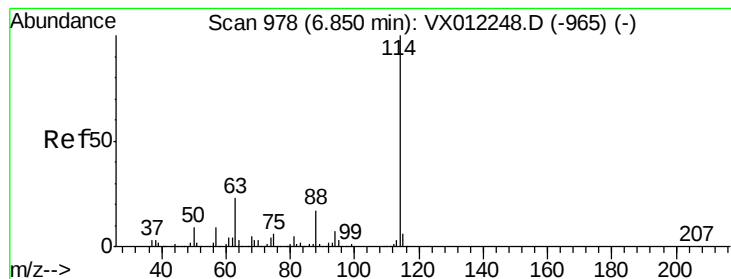
67 51.3 0.0 99.8



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: VX012390.D

Acq: 13 Sep 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

T5-3-(0)

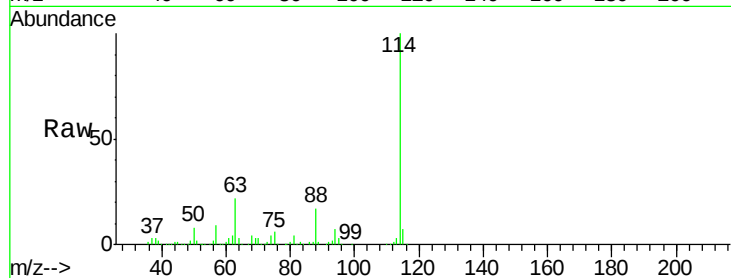
Tot Ion:114 Resp: 288895

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.2

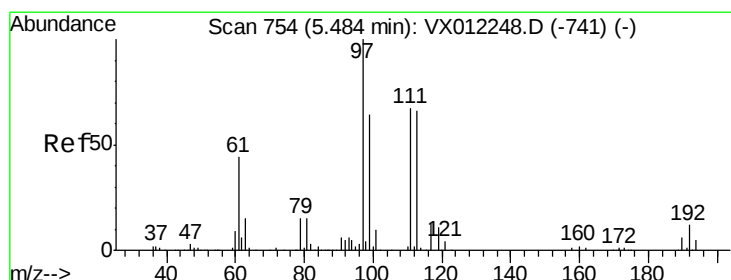
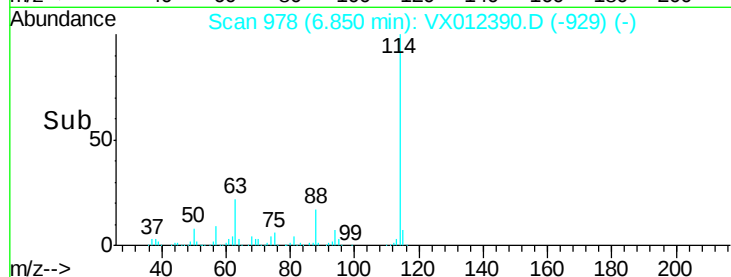
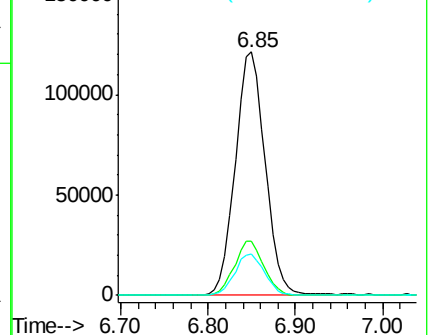
88 17.1 0.0 34.8



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: 46.552 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012390.D

Acq: 13 Sep 2019 16:50

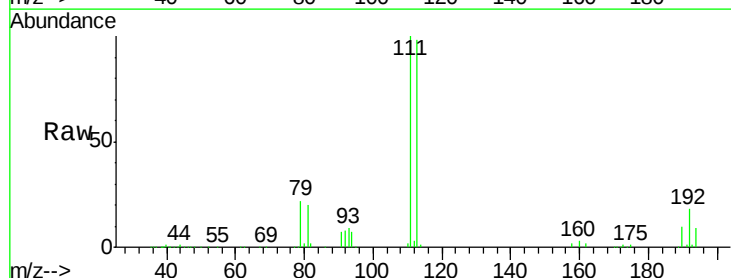
Tgt Ion:113 Resp: 86212

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.6

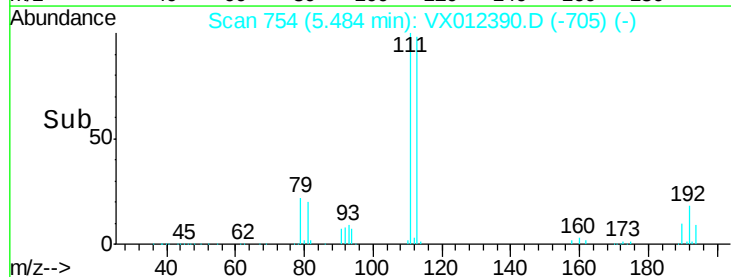
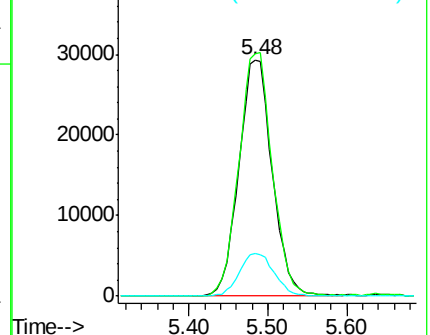
192 18.8 14.3 21.5

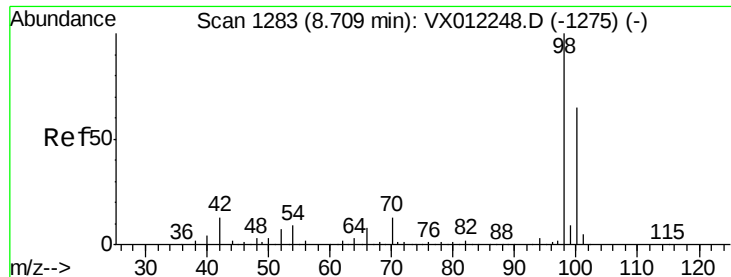


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.347 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012390.D

Acq: 13 Sep 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

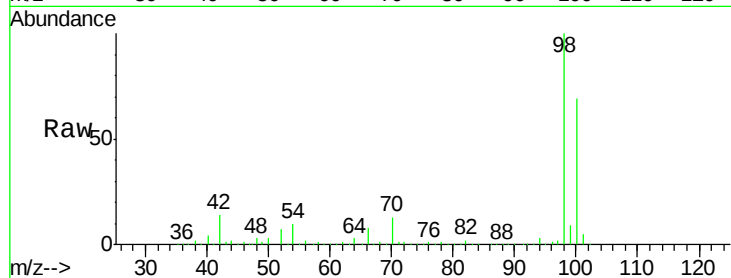
T5-3-(0)

Tot Ion: 98 Resp: 340013

Ion Ratio Lower Upper

98 100

100 67.3 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

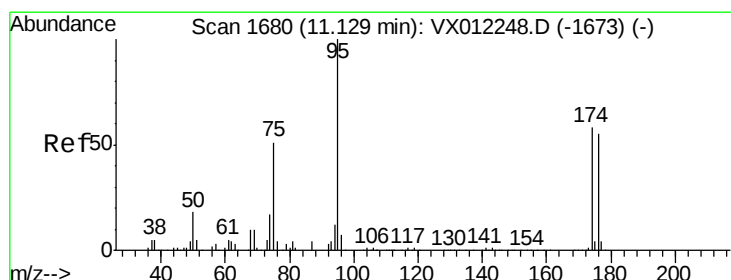
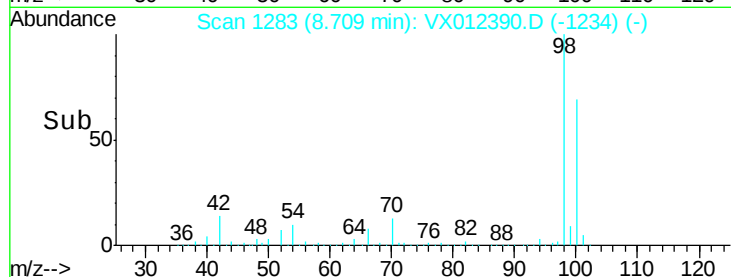
150000

100000

50000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 40.909 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX012390.D

Acq: 13 Sep 2019 16:50

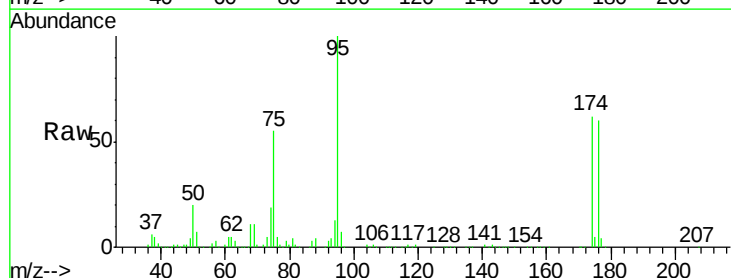
Tgt Ion: 95 Resp: 123190

Ion Ratio Lower Upper

95 100

174 68.7 0.0 127.0

176 67.2 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

11.13

120000

100000

80000

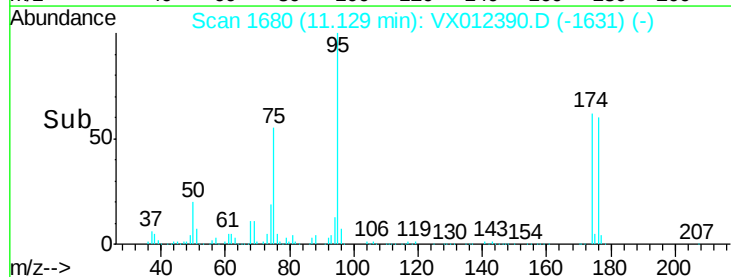
60000

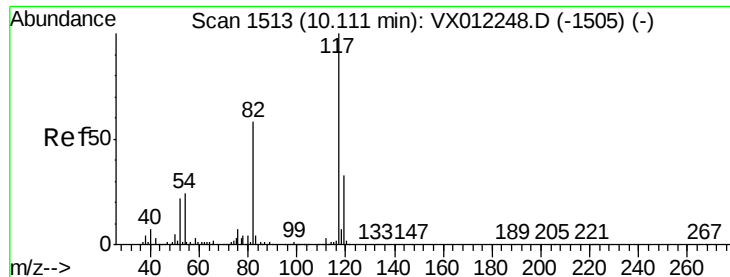
40000

20000

0

Time--> 11.10 11.20

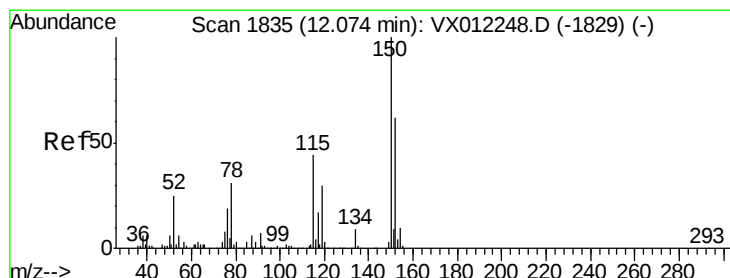
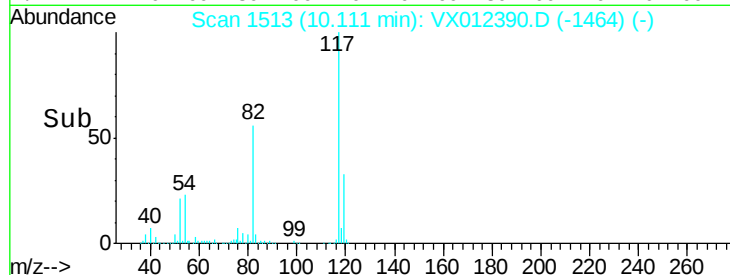
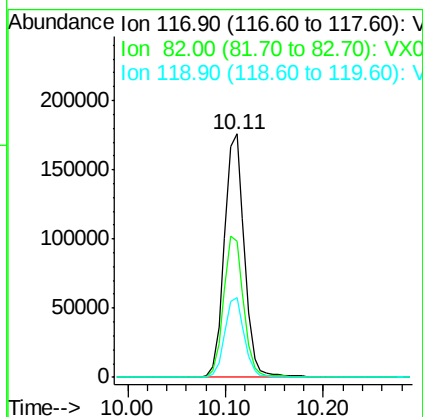
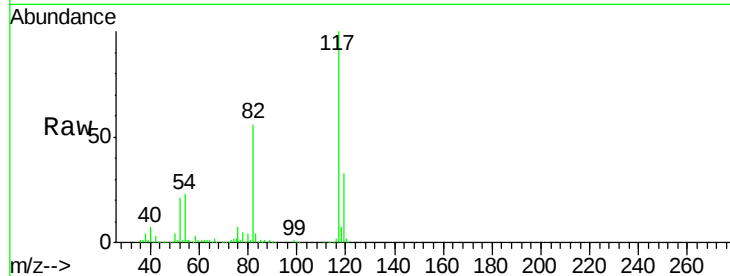




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012390.D
Acq: 13 Sep 2019 16:50

Instrument :
MSVOA_X
ClientSampleId :
T5-3-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	46.4	69.6
119	32.6	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: VX012390.D
Acq: 13 Sep 2019 16:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	45.5	136.4
150	157.1	0.0	346.4

