

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011486.D
 Acq On : 12 Aug 2019 16:16
 Operator : JC/SP
 Sample : K4278-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0695

Quant Time: Aug 13 08:27:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	182518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	276584	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	111284	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	102429	55.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.46%	
35) Dibromofluoromethane	5.49	113	84795	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
50) Toluene-d8	8.71	98	324262	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	11.13	95	106177	43.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.26%	

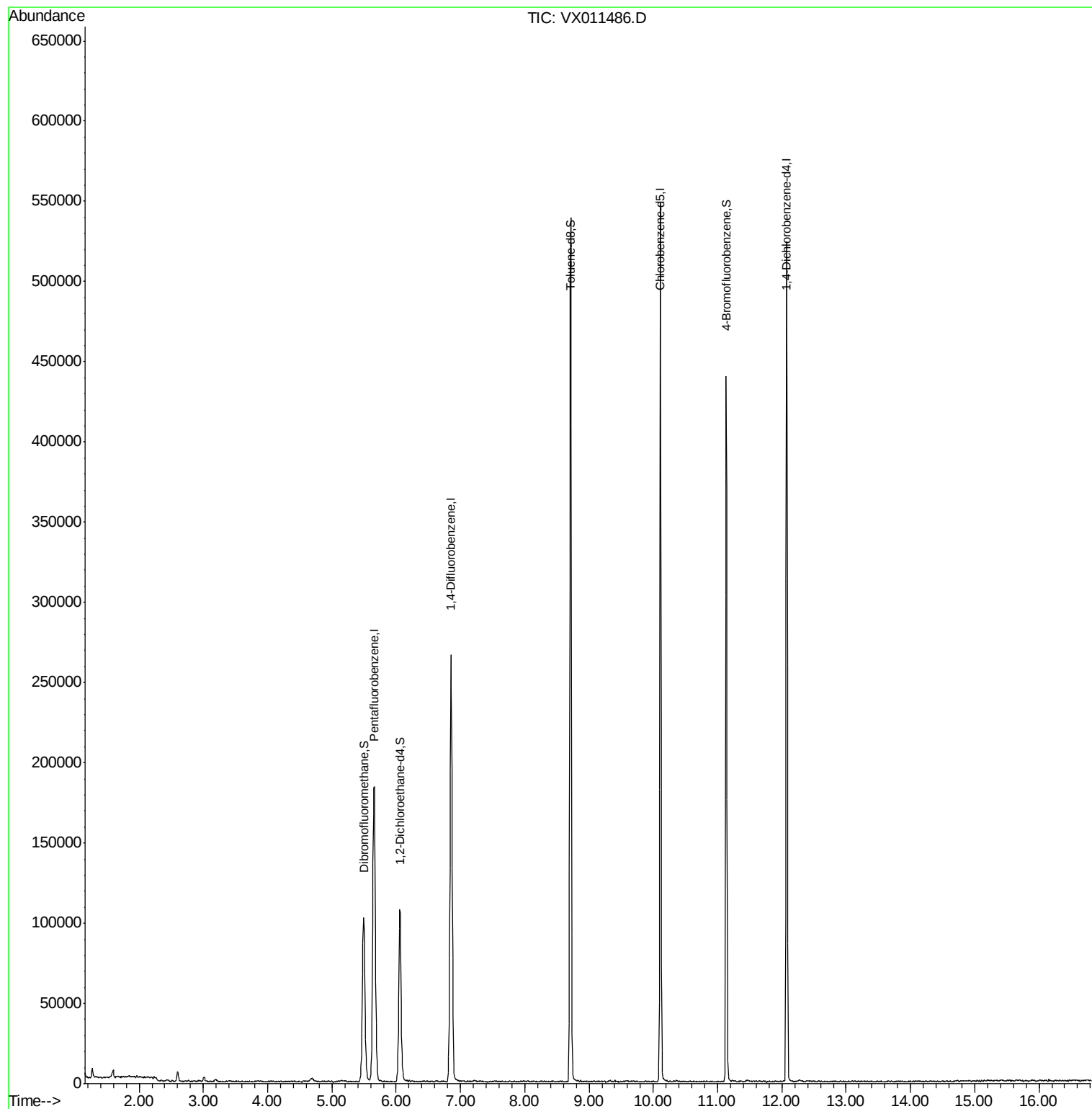
Target Compounds	Qvalue

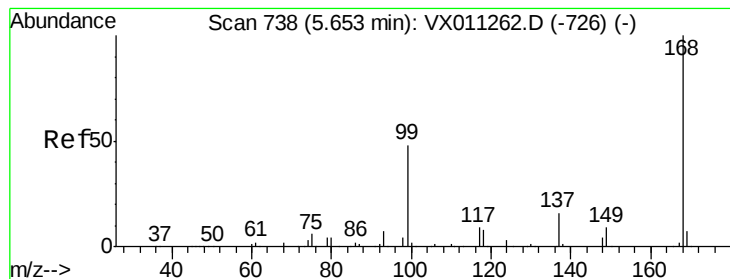
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011486.D

Acq: 12 Aug 2019 16:16

Instrument :

MSVOA_X

ClientSampleId :

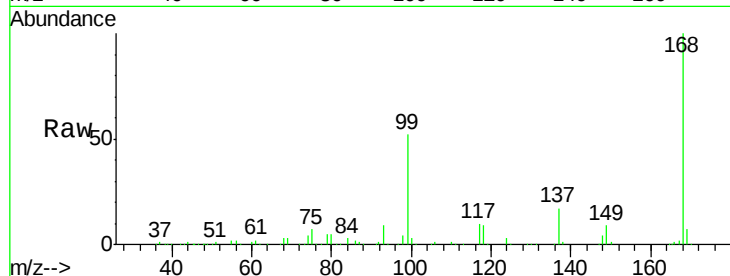
Z3-0695

Tot Ion:168 Resp: 182518

Ion Ratio Lower Upper

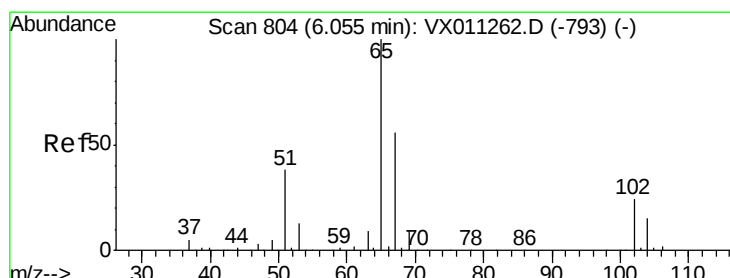
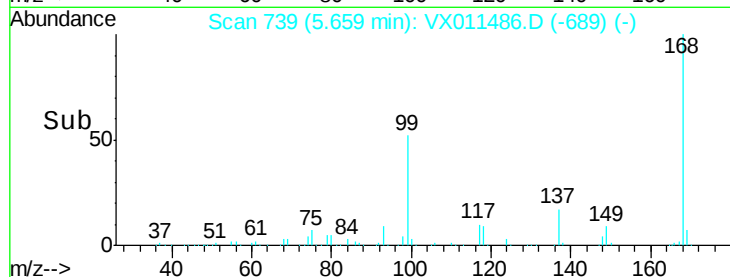
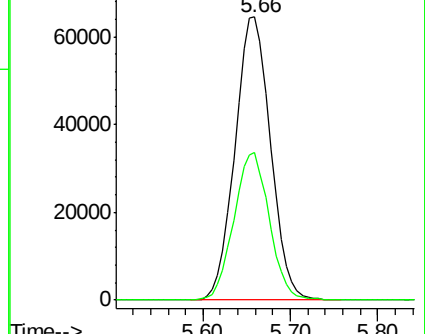
168 100

99 52.1 38.5 57.7



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: 55.727 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011486.D

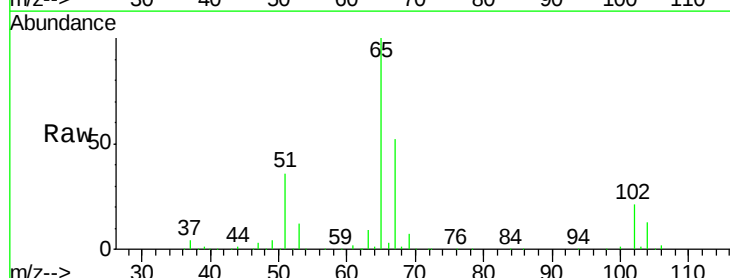
Acq: 12 Aug 2019 16:16

Tgt Ion: 65 Resp: 102429

Ion Ratio Lower Upper

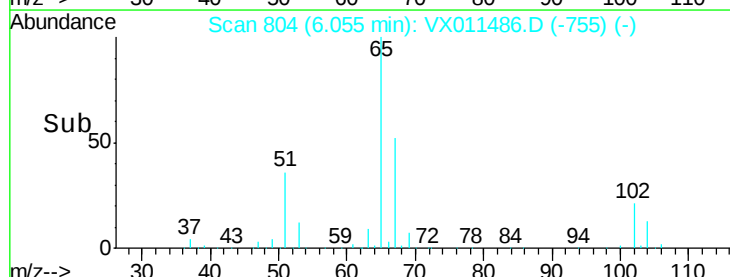
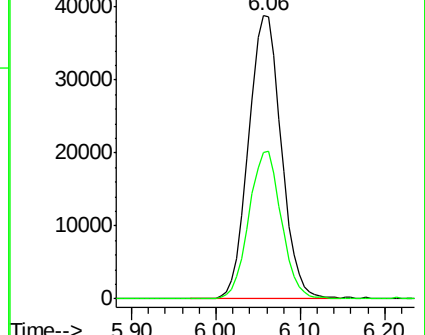
65 100

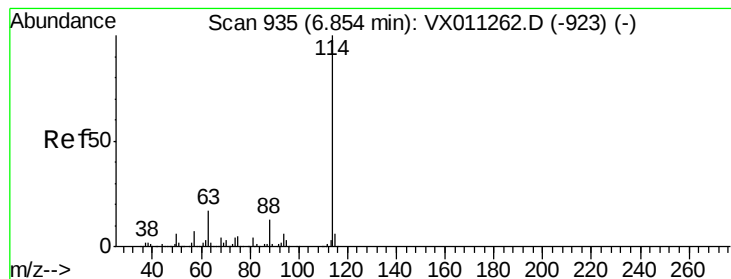
67 51.9 0.0 110.6



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# 935

Delta R.T. 0.00 min

Lab File: VX011486.D

Acq: 12 Aug 2019 16:16

Instrument :

MSVOA_X

ClientSampleId :

Z3-0695

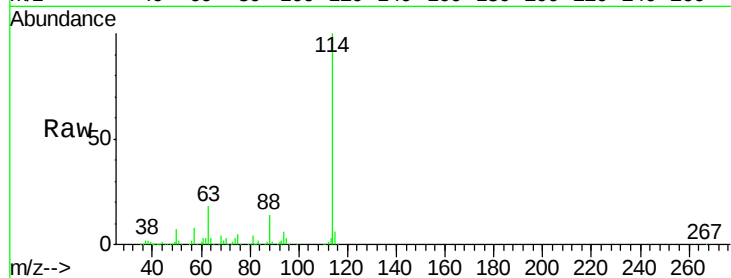
Tot Ion:114 Resp: 276584

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.0

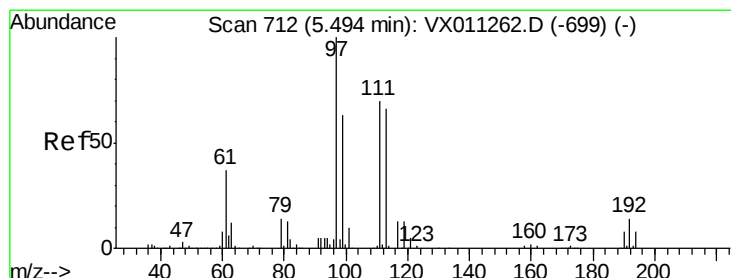
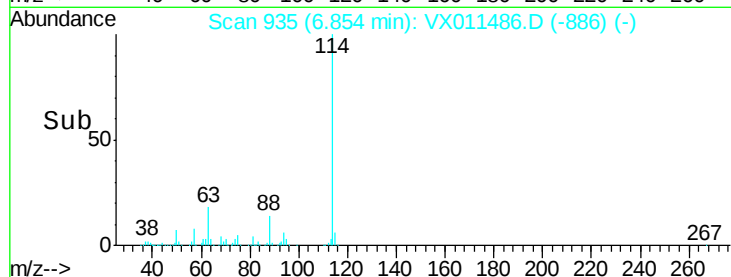
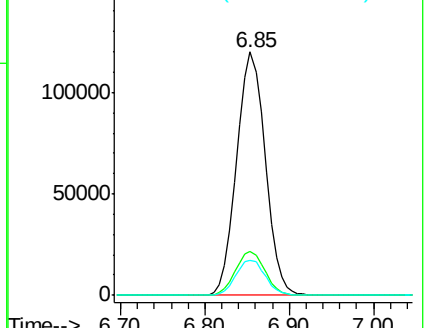
88 14.3 0.0 26.4



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: 46.958 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011486.D

Acq: 12 Aug 2019 16:16

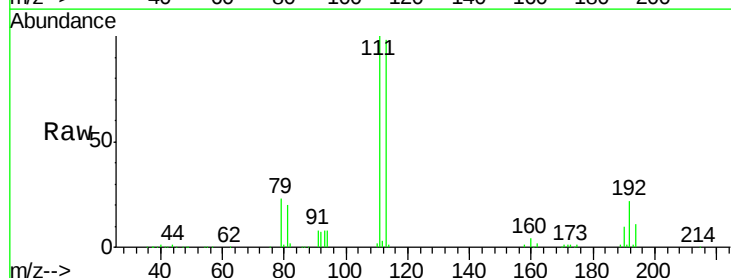
Tgt Ion:113 Resp: 84795

Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

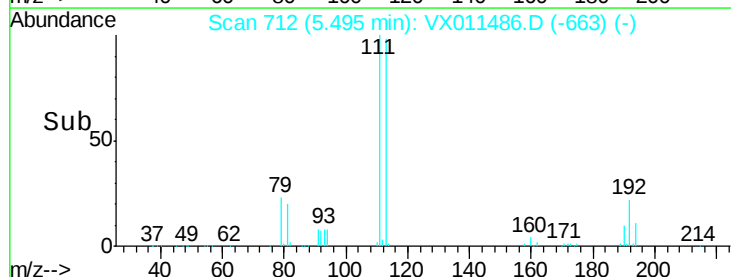
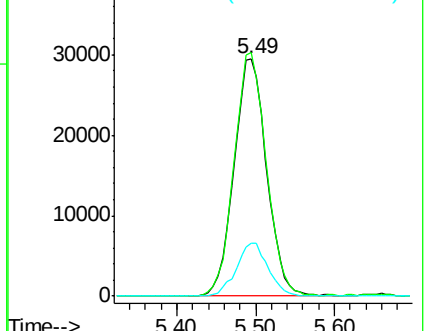
192 21.8 17.8 26.8

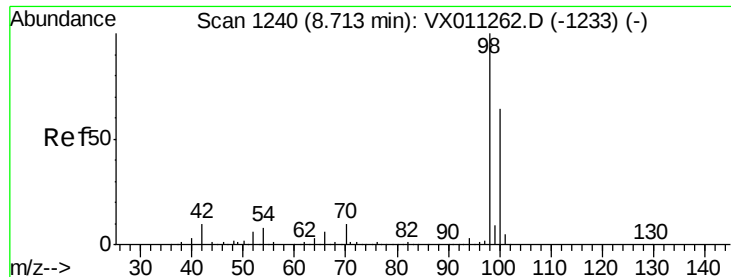


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.572 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011486.D

Acq: 12 Aug 2019 16:16

Instrument :

MSVOA_X

ClientSampleId :

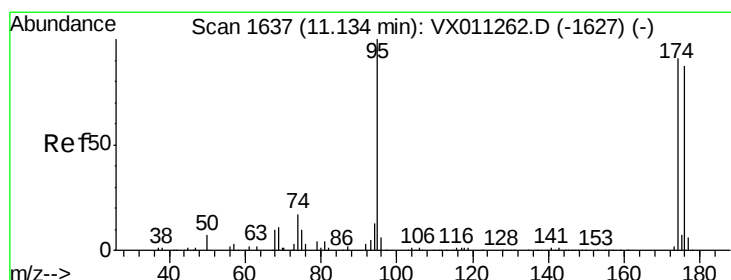
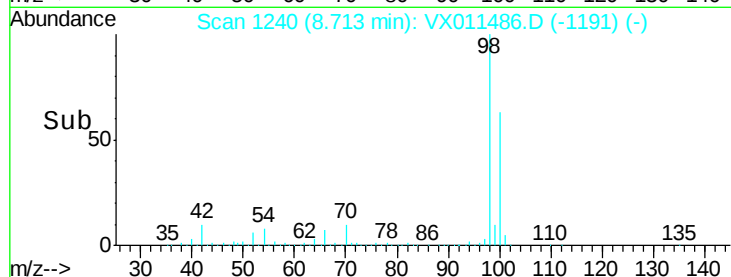
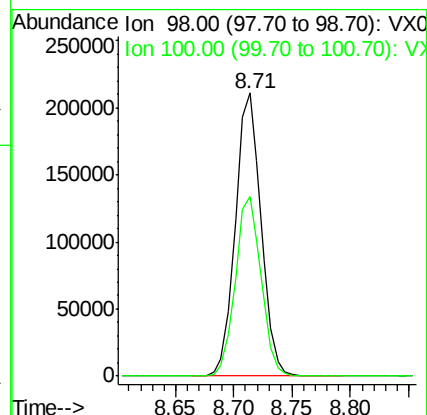
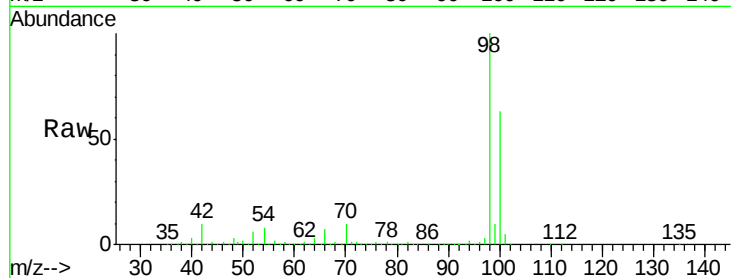
Z3-0695

Tot Ion: 98 Resp: 324262

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 43.630 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011486.D

Acq: 12 Aug 2019 16:16

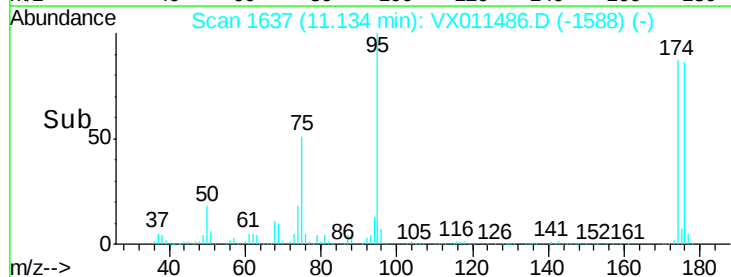
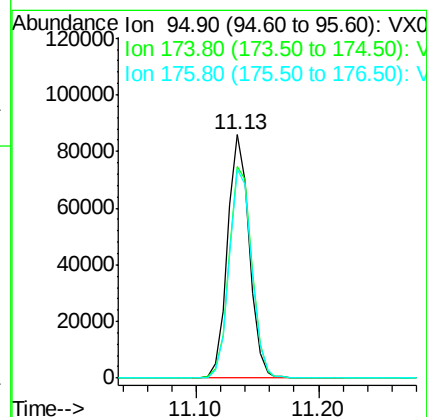
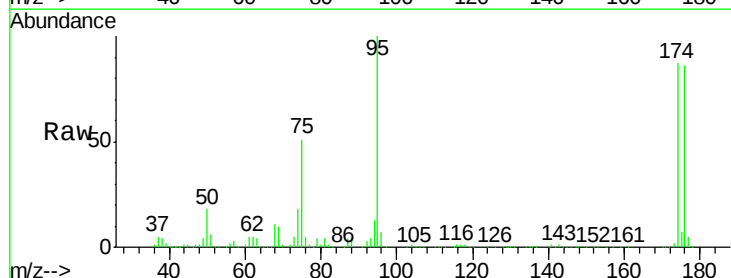
Tgt Ion: 95 Resp: 106177

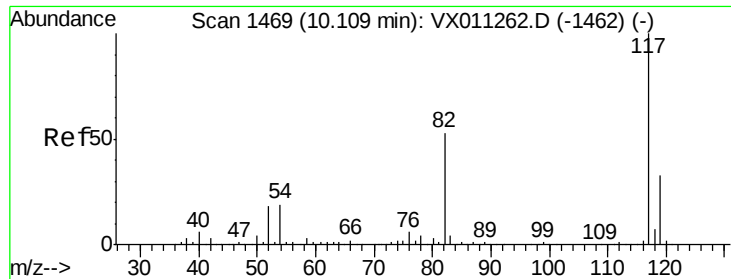
Ion Ratio Lower Upper

95 100

174 90.3 0.0 191.2

176 88.1 0.0 184.8

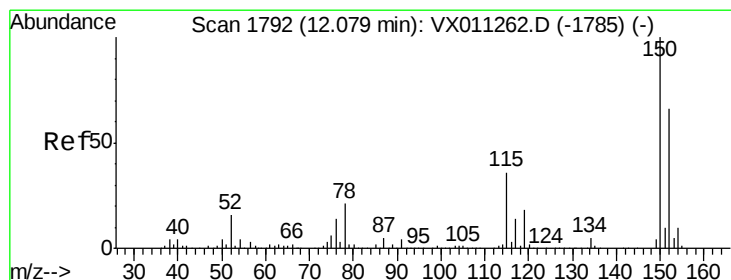
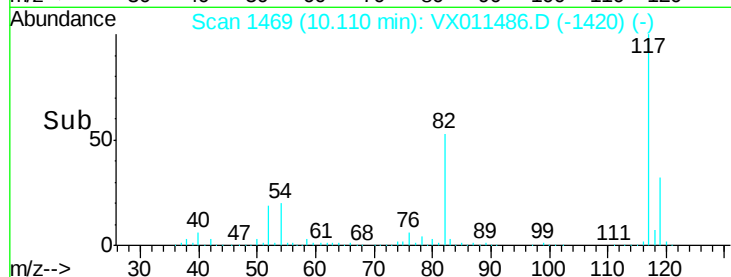
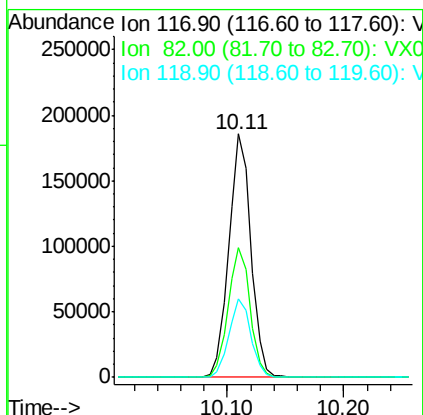
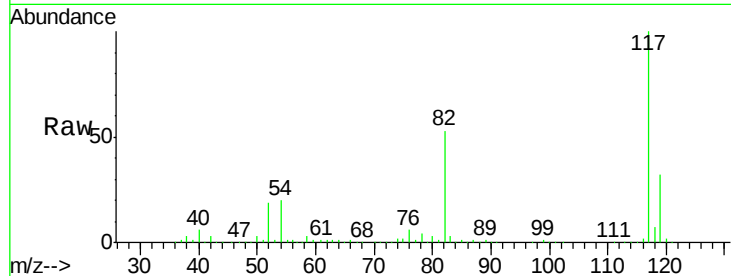




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011486.D
Acq: 12 Aug 2019 16:16

Instrument :
MSVOA_X
ClientSampleId :
Z3-0695

Tot Ion:117 Resp: 245063
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011486.D
Acq: 12 Aug 2019 16:16

Tgt Ion:152 Resp: 111284
Ion Ratio Lower Upper
152 100
115 55.9 40.0 119.9
150 157.1 0.0 350.4

