

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011487.D
 Acq On : 12 Aug 2019 16:39
 Operator : JC/SP
 Sample : K4278-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0707

Quant Time: Aug 13 08:29:20 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	5.65	168	183318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	275409	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113145	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	101583	55.03	ug/l	0.00
Spiked Amount						
			Recovery	=	110.06%	
35) Dibromofluoromethane	5.49	113	84651	47.08	ug/l	0.00
Spiked Amount						
			Recovery	=	94.16%	
50) Toluene-d8	8.71	98	324482	47.81	ug/l	0.00
Spiked Amount						
			Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.13	95	109605	45.23	ug/l	0.00
Spiked Amount						
			Recovery	=	90.46%	

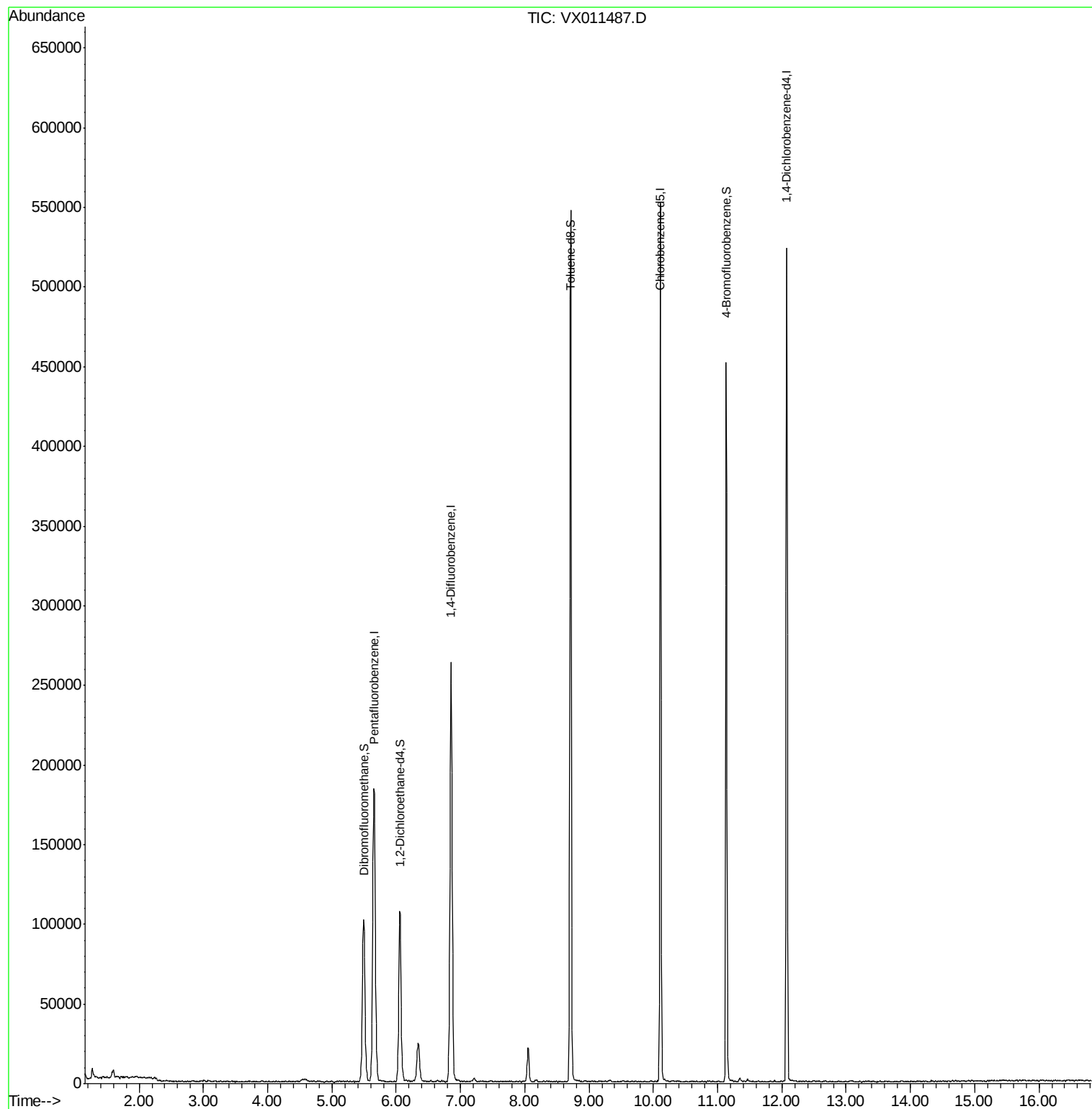
Target Compounds	Qvalue

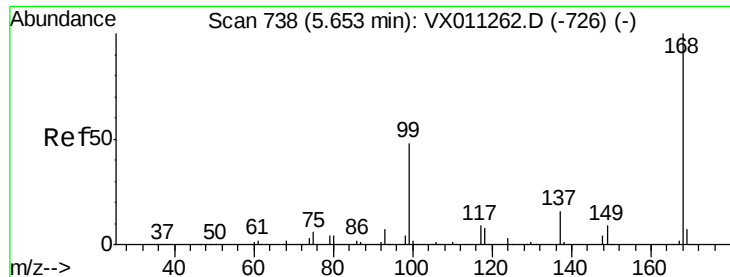
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011487.D

Acq: 12 Aug 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

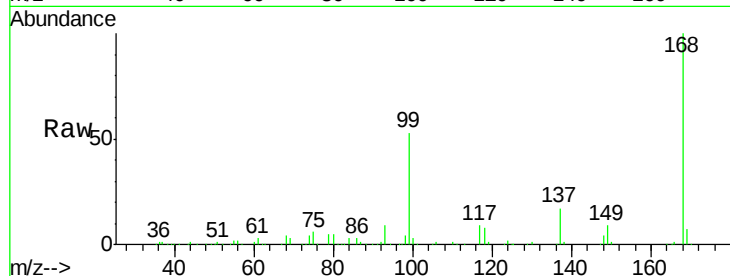
Z3-0707

Tot Ion:168 Resp: 183318

Ion Ratio Lower Upper

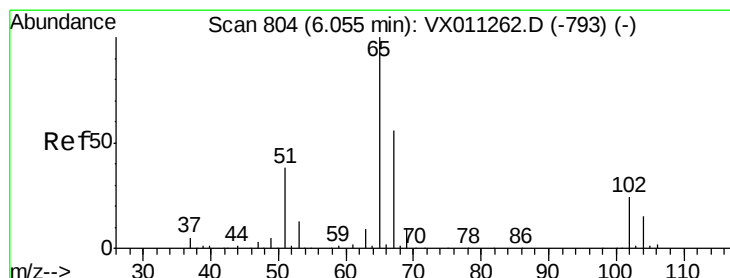
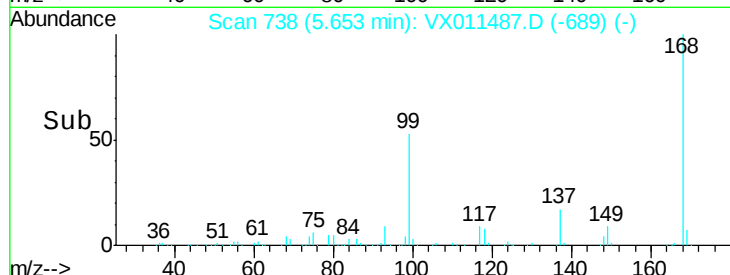
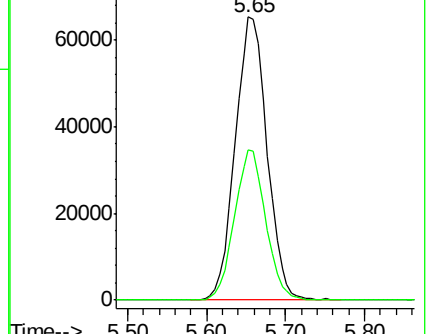
168 100

99 53.2 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: 55.025 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011487.D

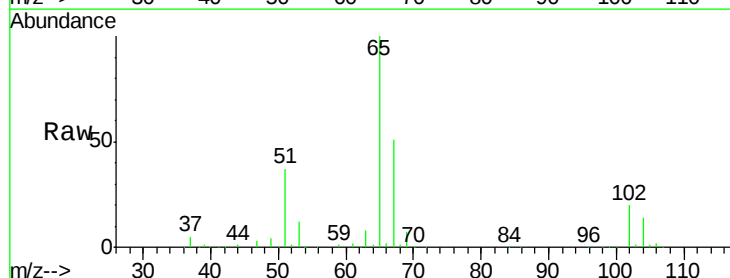
Acq: 12 Aug 2019 16:39

Tgt Ion: 65 Resp: 101583

Ion Ratio Lower Upper

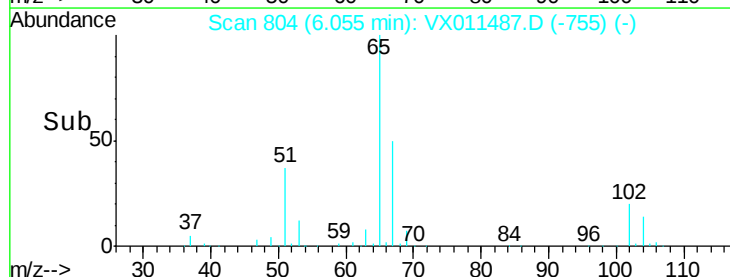
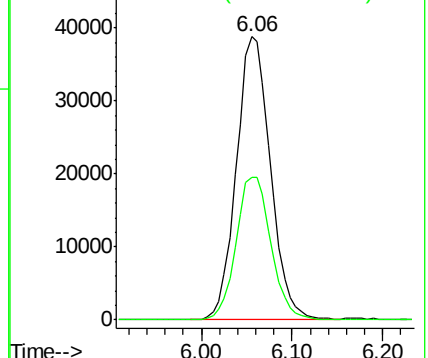
65 100

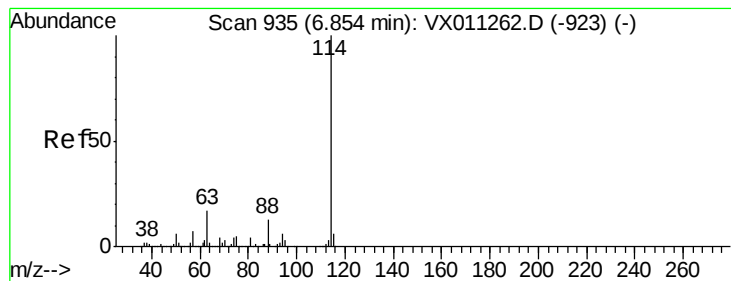
67 51.7 0.0 110.6



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: VX011487.D

Acq: 12 Aug 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

Z3-0707

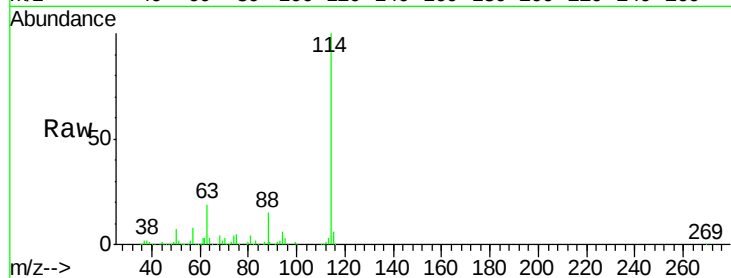
Tot Ion:114 Resp: 275409

Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.0

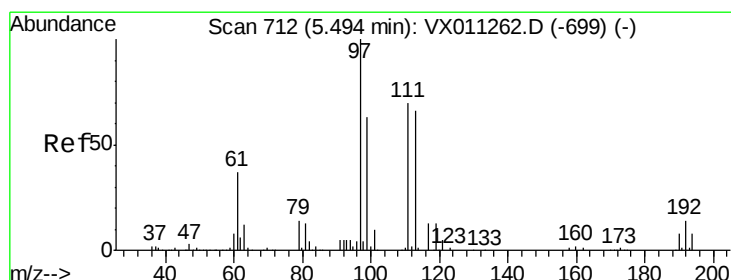
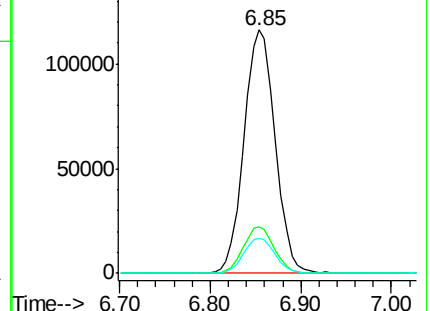
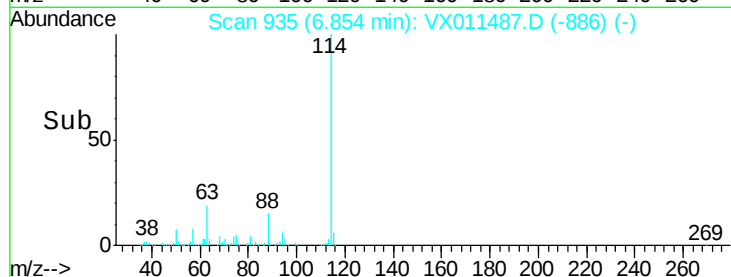
88 14.5 0.0 26.4



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: 47.078 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011487.D

Acq: 12 Aug 2019 16:39

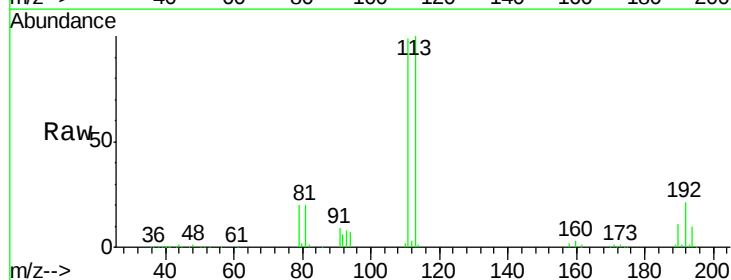
Tgt Ion:113 Resp: 84651

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

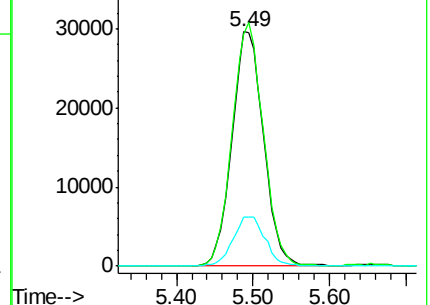
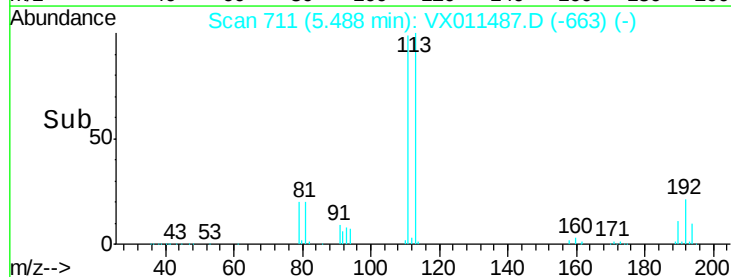
192 21.4 17.8 26.8

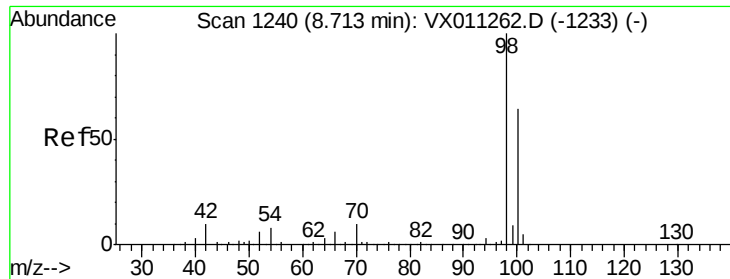


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.808 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011487.D

Acq: 12 Aug 2019 16:39

Instrument :

MSVOA_X

ClientSampleId :

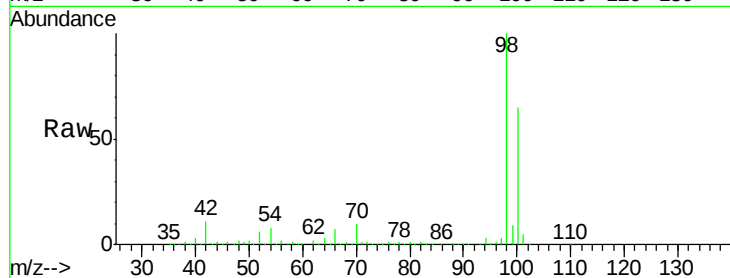
Z3-0707

Tot Ion: 98 Resp: 324482

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

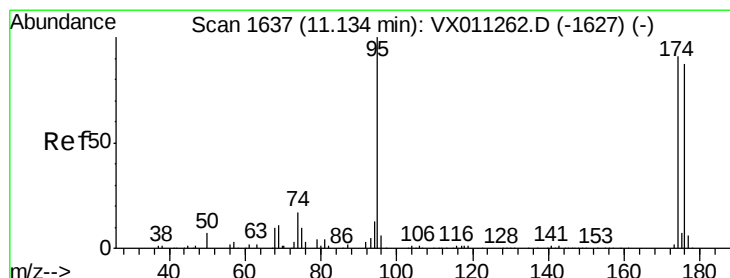
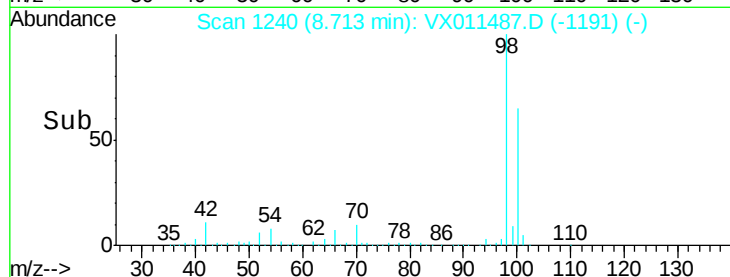
100000

50000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 45.231 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011487.D

Acq: 12 Aug 2019 16:39

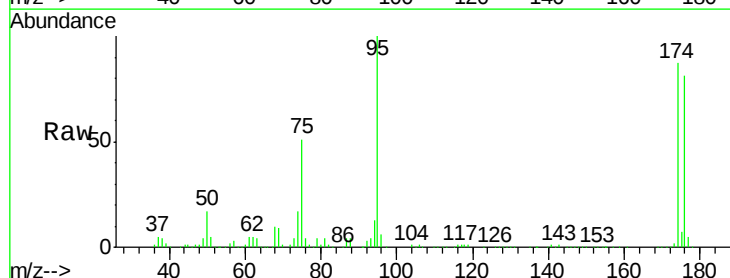
Tgt Ion: 95 Resp: 109605

Ion Ratio Lower Upper

95 100

174 90.3 0.0 191.2

176 87.2 0.0 184.8



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

120000

100000

80000

60000

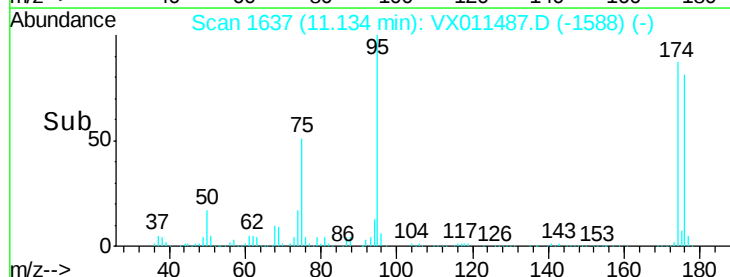
40000

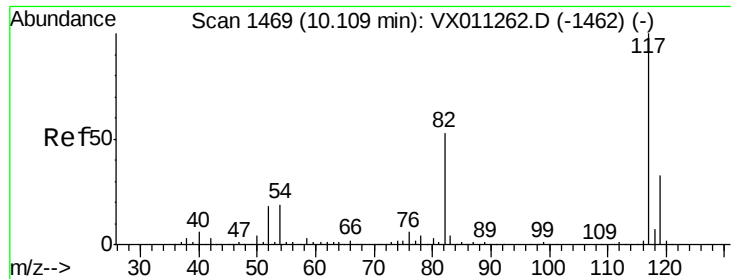
20000

0

11.05 11.10 11.15 11.20

Time-->

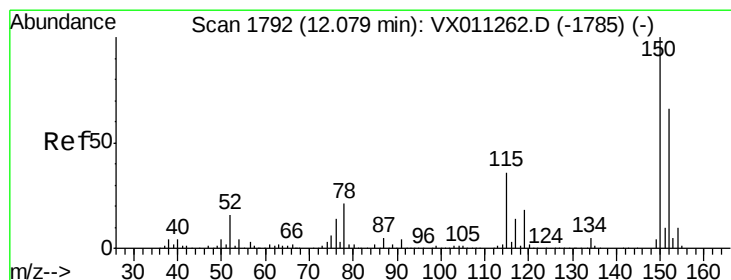
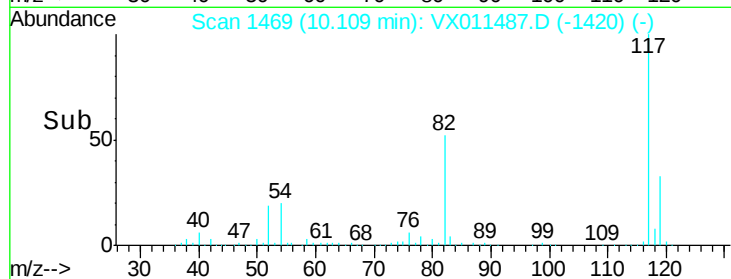
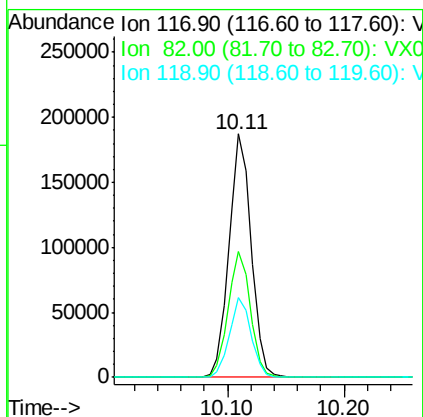
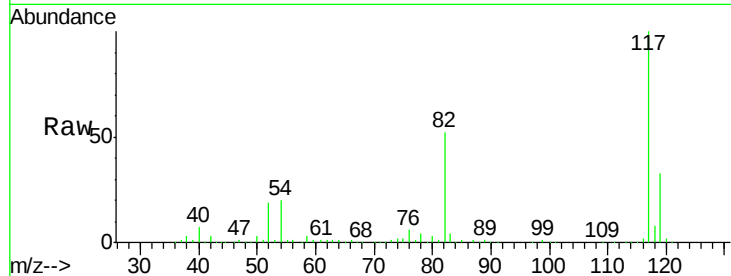




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011487.D
Acq: 12 Aug 2019 16:39

Instrument :
MSVOA_X
ClientSampleId :
Z3-0707

Tot Ion:117 Resp: 248106
Ion Ratio Lower Upper
117 100
82 51.7 42.2 63.2
119 32.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011487.D
Acq: 12 Aug 2019 16:39

Tgt Ion:152 Resp: 113145
Ion Ratio Lower Upper
152 100
115 55.9 40.0 119.9
150 157.5 0.0 350.4

