

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080919\
 Data File : VX011406.D
 Acq On : 09 Aug 2019 13:45
 Operator : JC/SP
 Sample : K4279-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB-2019-1

Quant Time: Aug 11 00:27:26 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	202403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	294549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119822	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	104284	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
35) Dibromofluoromethane	5.49	113	89534	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
50) Toluene-d8	8.71	98	342791	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
62) 4-Bromofluorobenzene	11.13	95	112507	43.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.82%	

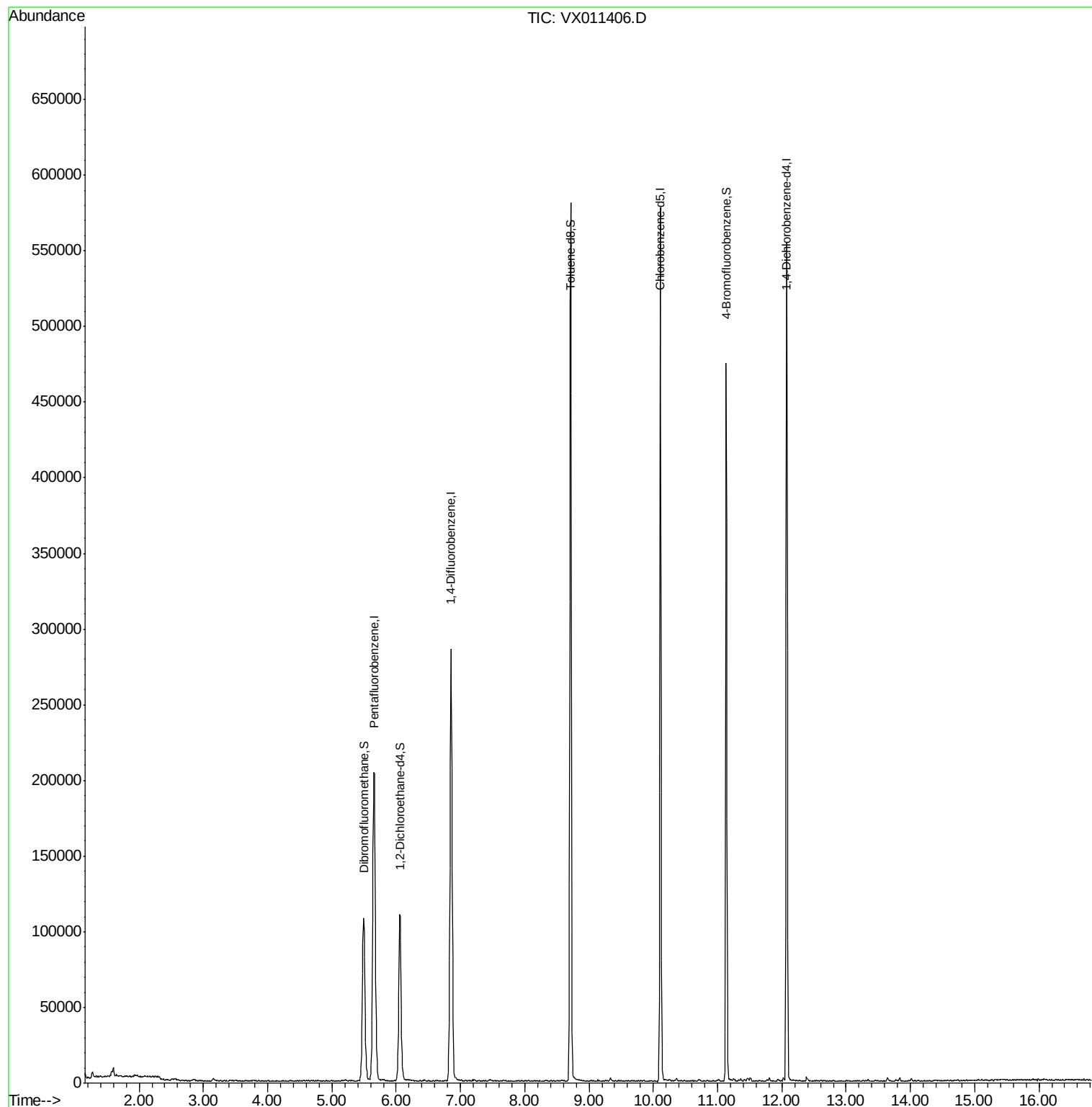
Target Compounds	Qvalue
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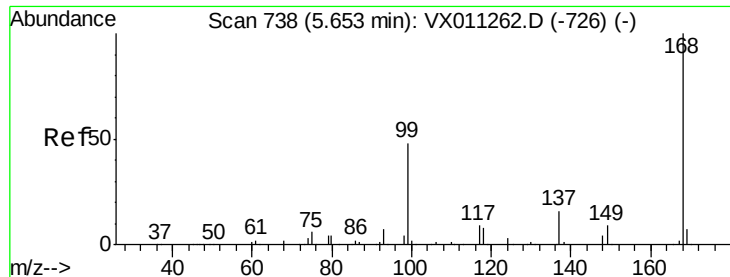
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011406.D

Acq: 09 Aug 2019 13:45

Instrument :

MSVOA_X

ClientSampled :

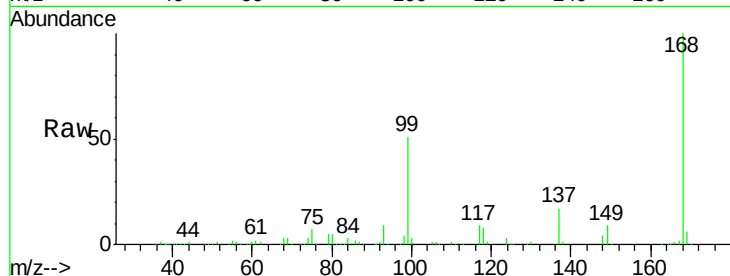
Z3-TB-2019-1

Tot Ion:168 Resp: 202403

Ion Ratio Lower Upper

168 100

99 50.6 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

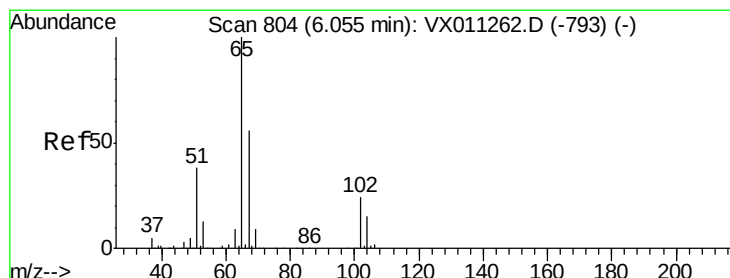
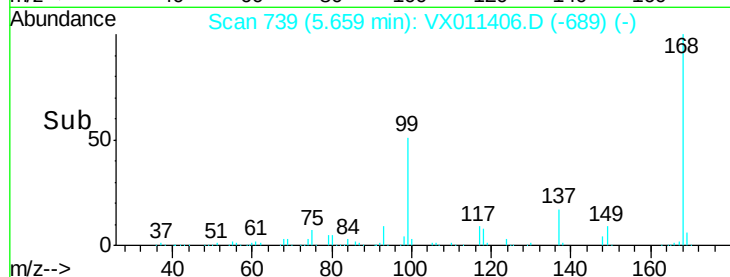
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.162 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011406.D

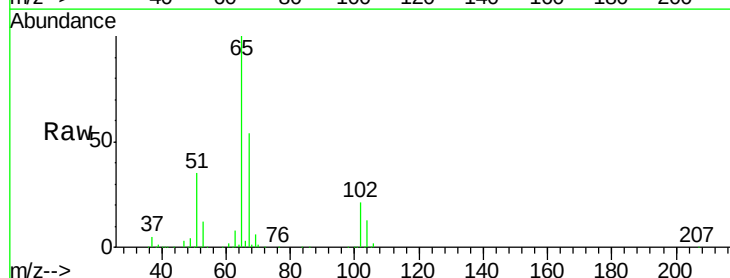
Acq: 09 Aug 2019 13:45

Tgt Ion: 65 Resp: 104284

Ion Ratio Lower Upper

65 100

67 52.5 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

30000

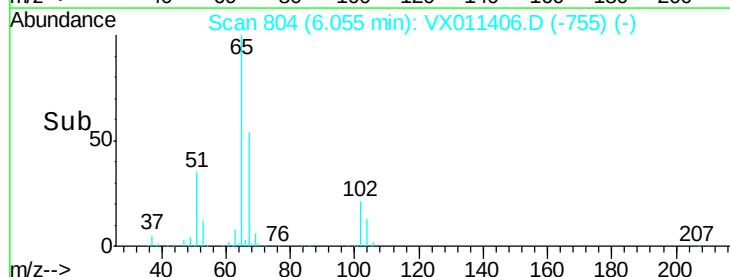
20000

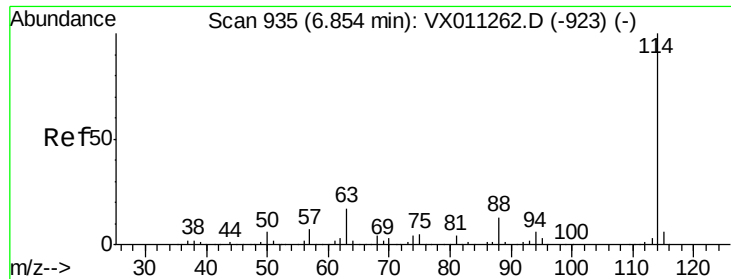
10000

0

Time-->

6.00 6.10

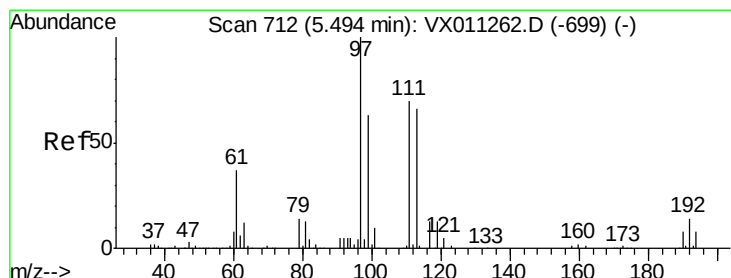
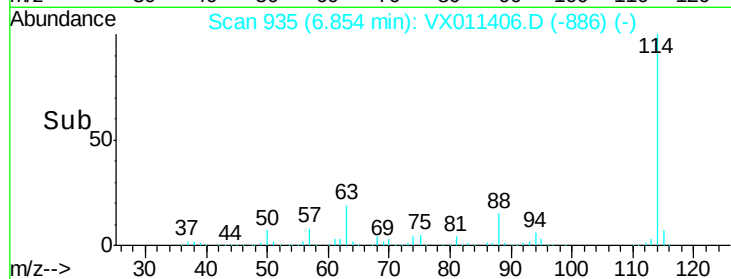
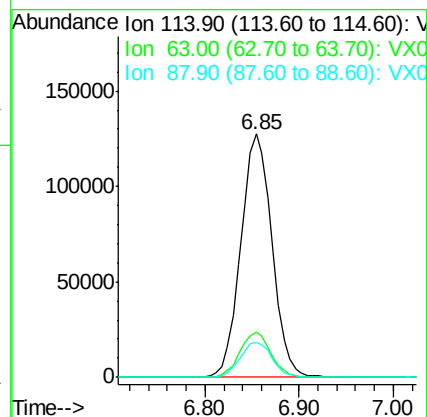
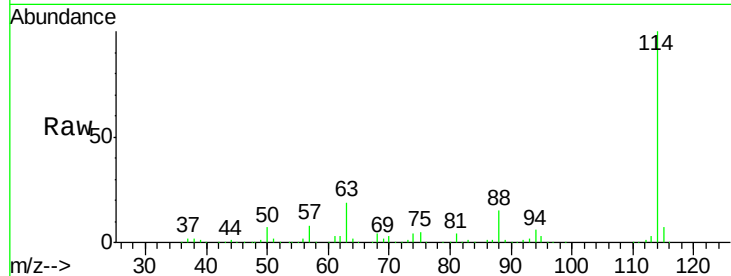




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011406.D
 Acq: 09 Aug 2019 13:45

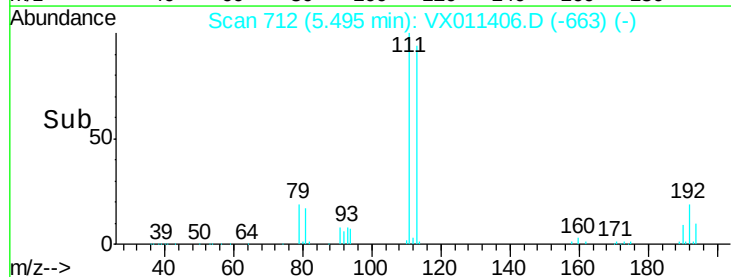
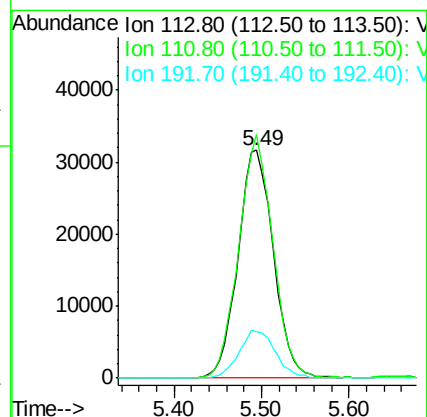
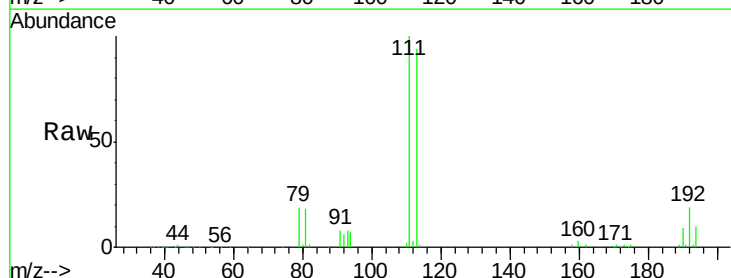
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB-2019-1

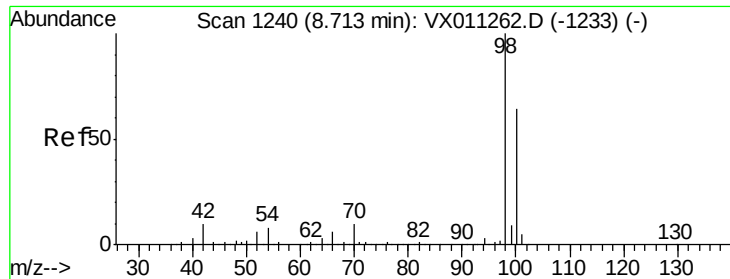
Tot Ion:114 Resp: 294549
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 34.0
 88 14.5 0.0 26.4



#35
 Dibromofluoromethane
 Concen: 46.558 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011406.D
 Acq: 09 Aug 2019 13:45

Tgt Ion:113 Resp: 89534
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.9 122.9
 192 21.6 17.8 26.8





#50

Toluene-d8

Concen: 47.223 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011406.D

Acq: 09 Aug 2019 13:45

Instrument :

MSVOA_X

ClientSampled :

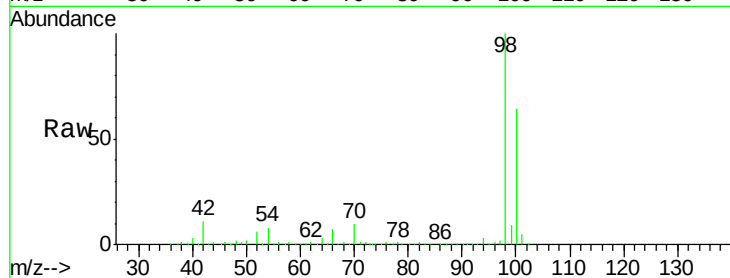
Z3-TB-2019-1

Tot Ion: 98 Resp: 342791

Ion Ratio Lower Upper

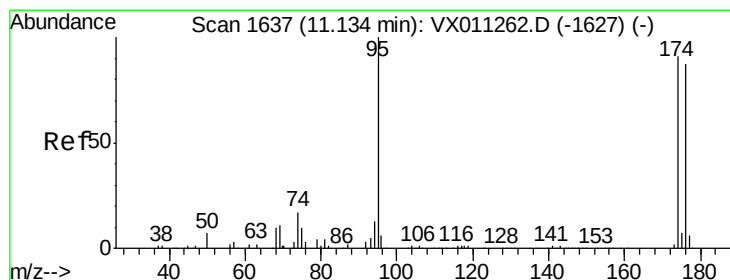
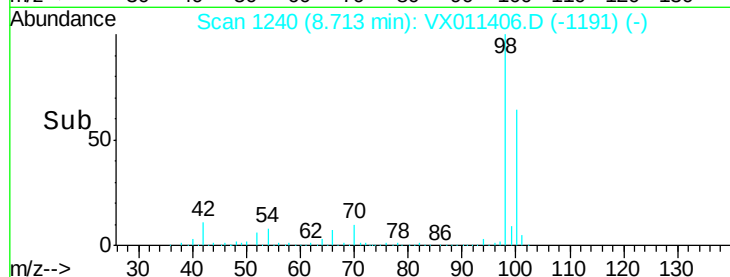
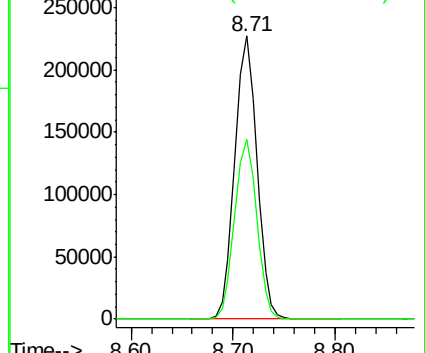
98 100

100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.412 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011406.D

Acq: 09 Aug 2019 13:45

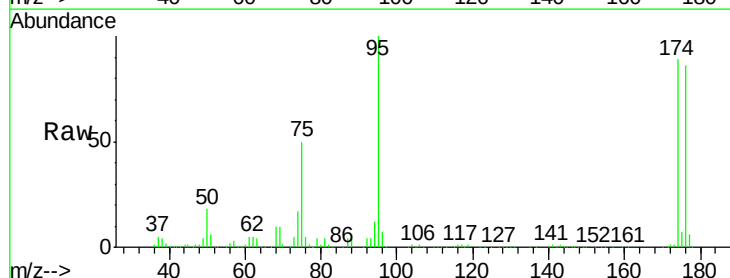
Tgt Ion: 95 Resp: 112507

Ion Ratio Lower Upper

95 100

174 91.1 0.0 191.2

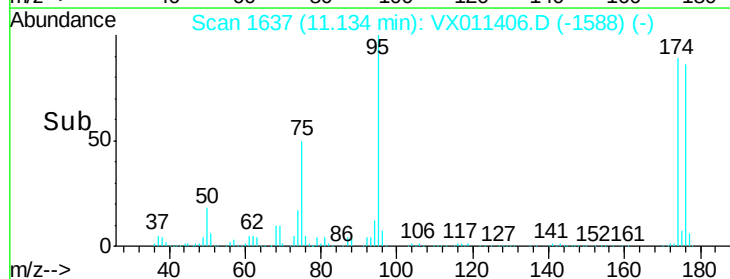
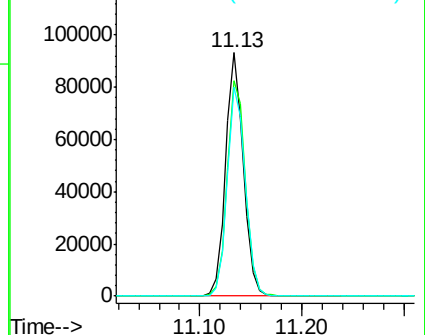
176 87.4 0.0 184.8

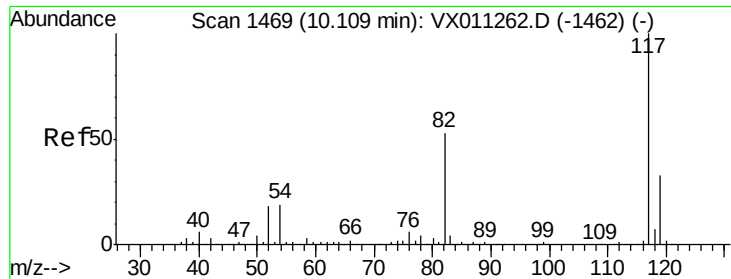


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

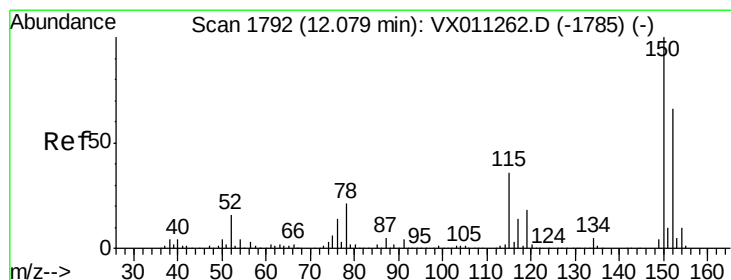
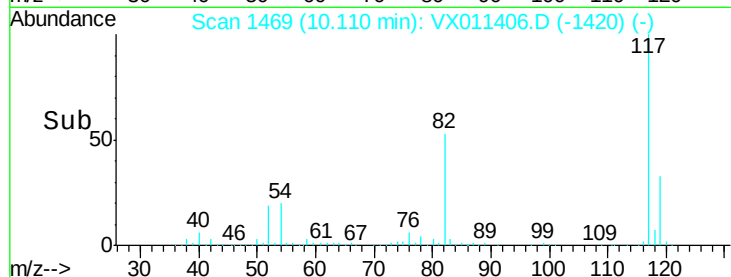
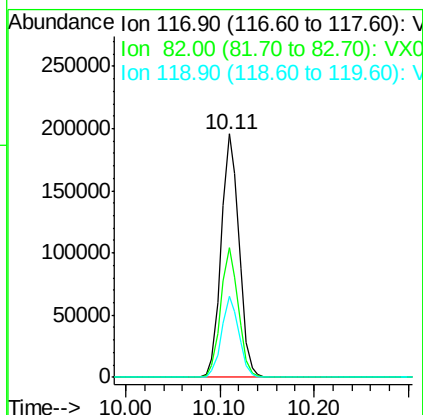
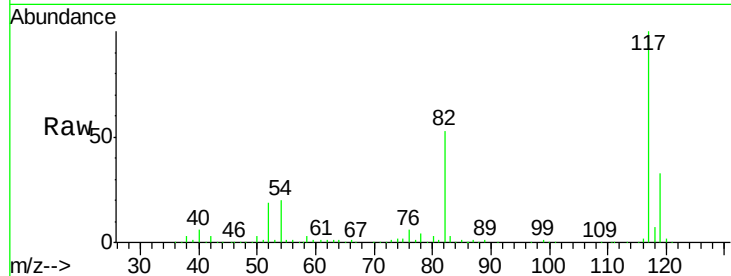




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011406.D
Acq: 09 Aug 2019 13:45

Instrument :
MSVOA_X
ClientSampled :
Z3-TB-2019-1

Tot Ion:117 Resp: 258018
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.2
119 33.4 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: VX011406.D
Acq: 09 Aug 2019 13:45

Tgt Ion:152 Resp: 119822
Ion Ratio Lower Upper
152 100
115 55.3 40.0 119.9
150 156.3 0.0 350.4

