

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\
 Data File : VX005660.D
 Acq On : 29 Oct 2018 15:11
 Operator : JC/MD
 Sample : J5692-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ456S-20181025

Quant Time: Oct 30 03:29:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	214447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	314255	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182132	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	136122	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
35) Dibromofluoromethane	5.51	113	105268	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
50) Toluene-d8	8.71	98	376359	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.14	95	132765	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	

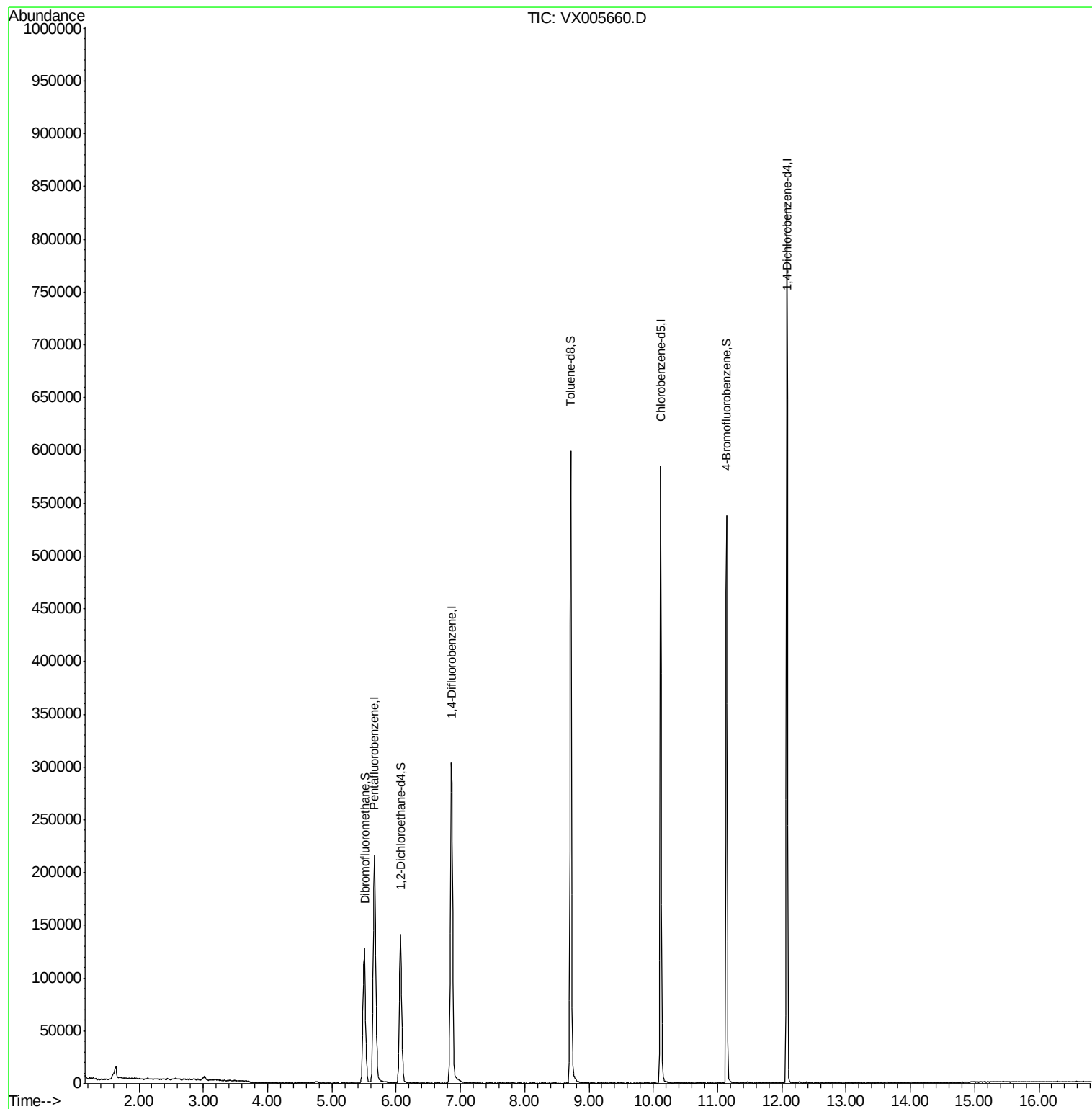
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX005660.D

Acq: 29 Oct 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

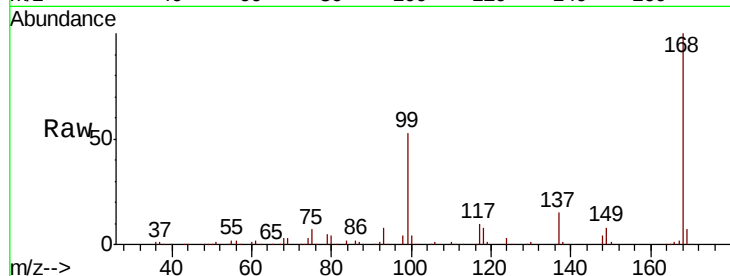
FT-PZ456S-20181025

Tot Ion:168 Resp: 214447

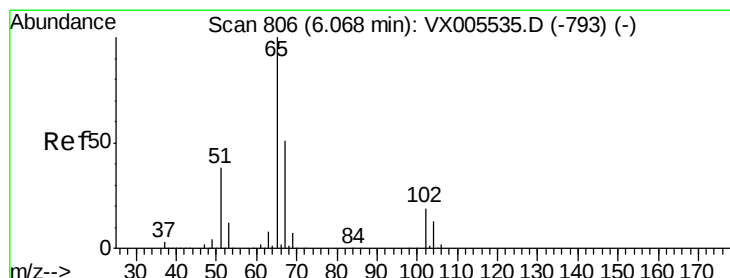
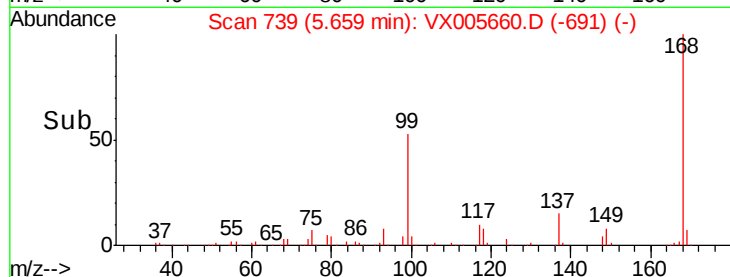
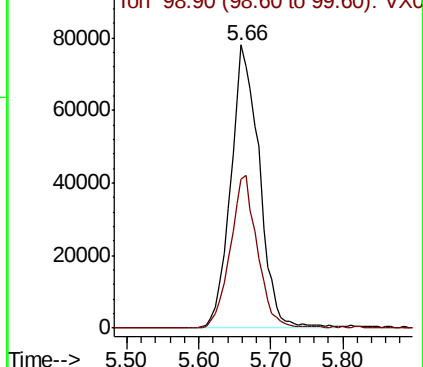
Ion Ratio Lower Upper

168 100

99 52.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V



#33

1,2-Dichloroethane-d4

Concen: 52.000 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005660.D

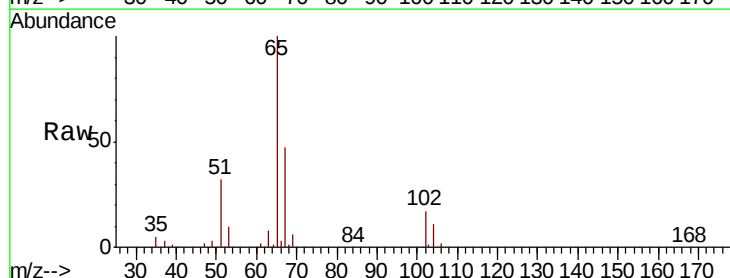
Acq: 29 Oct 2018 15:11

Tgt Ion: 65 Resp: 136122

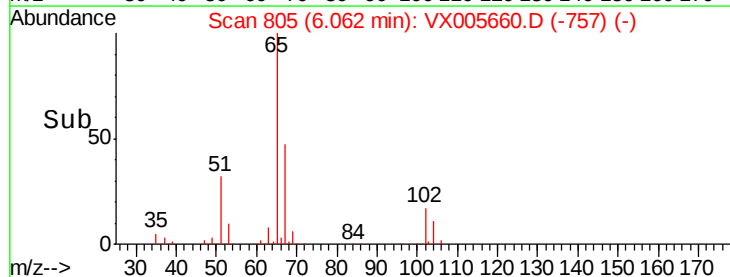
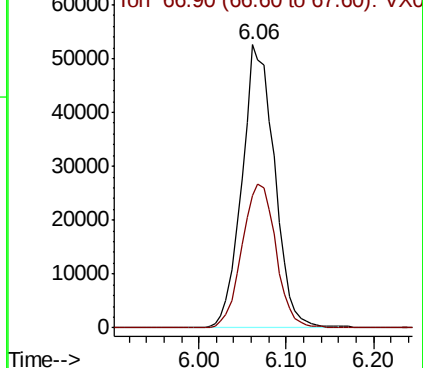
Ion Ratio Lower Upper

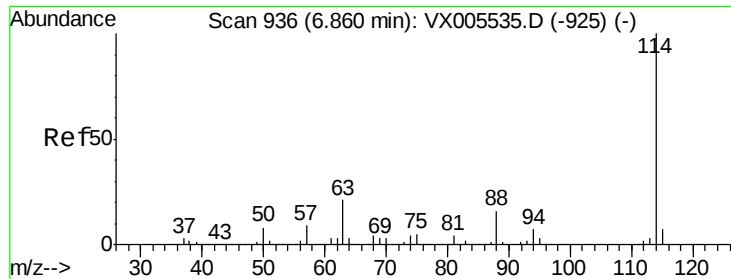
65 100

67 53.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

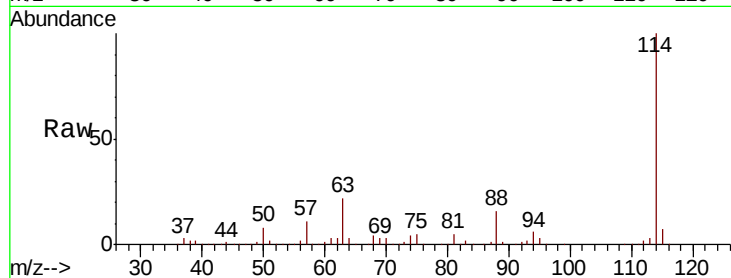




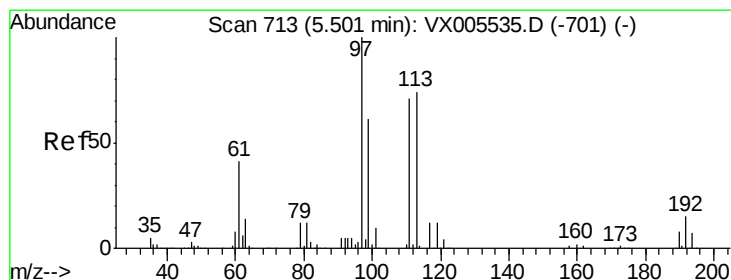
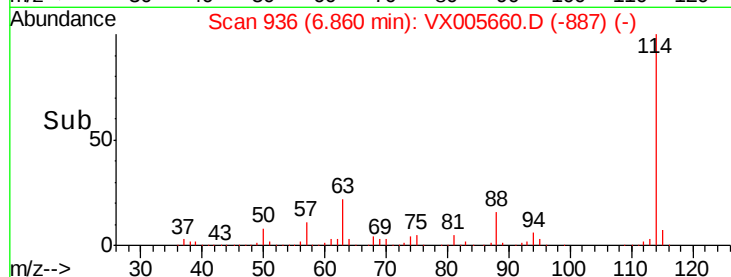
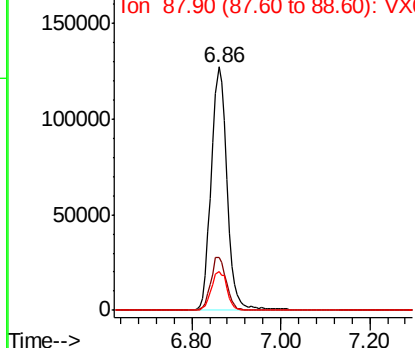
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005660.D
 Acq: 29 Oct 2018 15:11

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ456S-20181025

Tot Ion:114 Resp: 314255
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.8
 88 15.8 0.0 31.2

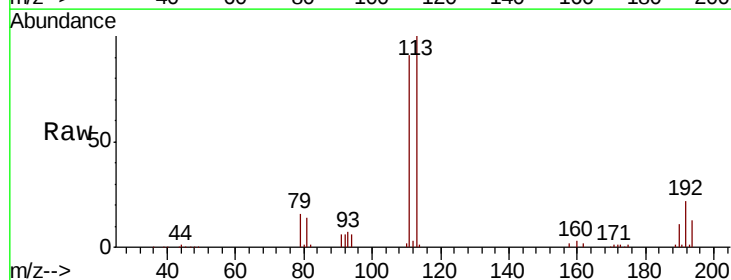


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

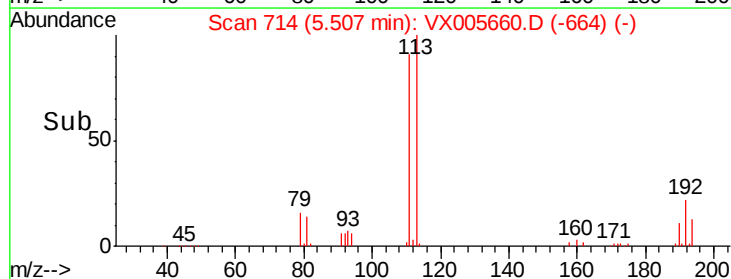
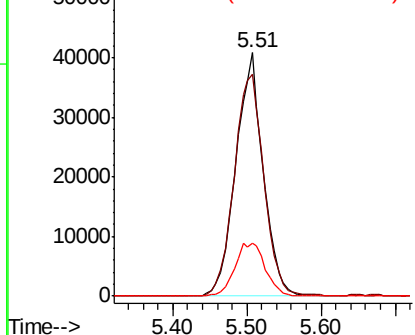


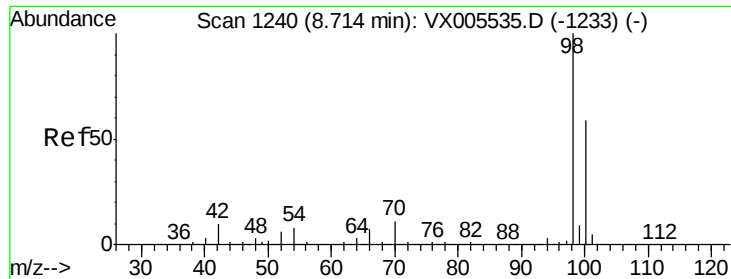
#35
 Dibromofluoromethane
 Concen: 49.471 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005660.D
 Acq: 29 Oct 2018 15:11

Tgt Ion:113 Resp: 105268
 Ion Ratio Lower Upper
 113 100
 111 99.0 82.3 123.5
 192 24.3 17.9 26.9



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: 49.224 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005660.D

Acq: 29 Oct 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

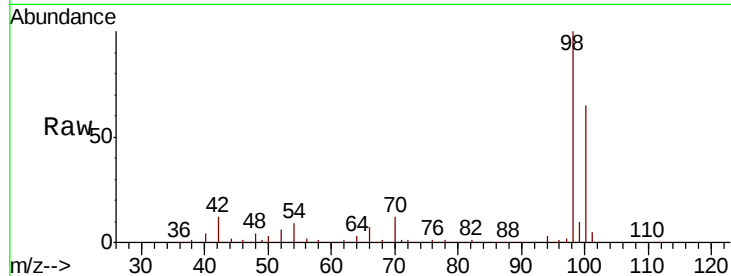
FT-PZ456S-20181025

Tot Ion: 98 Resp: 376359

Ion Ratio Lower Upper

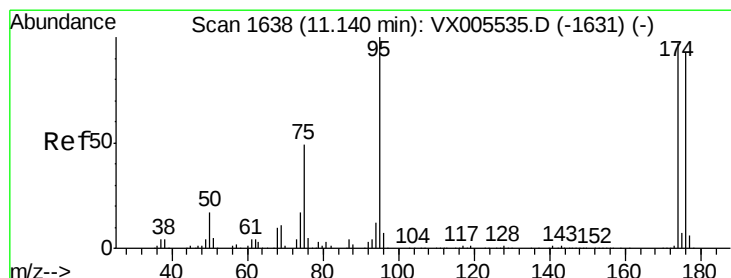
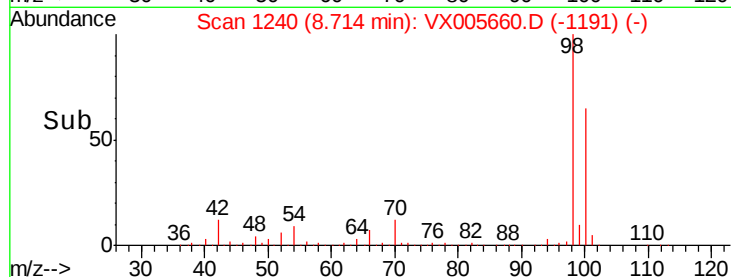
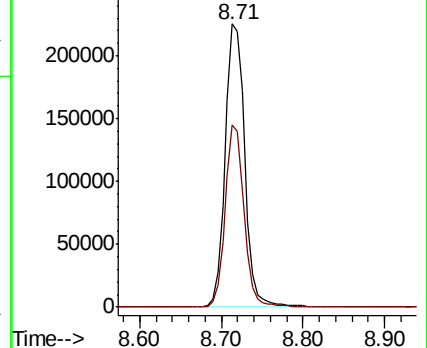
98 100

100 62.2 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.980 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005660.D

Acq: 29 Oct 2018 15:11

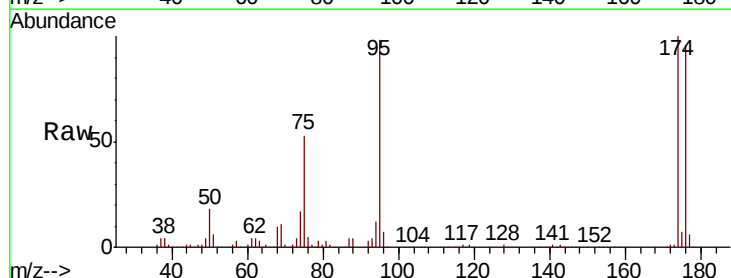
Tgt Ion: 95 Resp: 132765

Ion Ratio Lower Upper

95 100

174 94.8 0.0 184.4

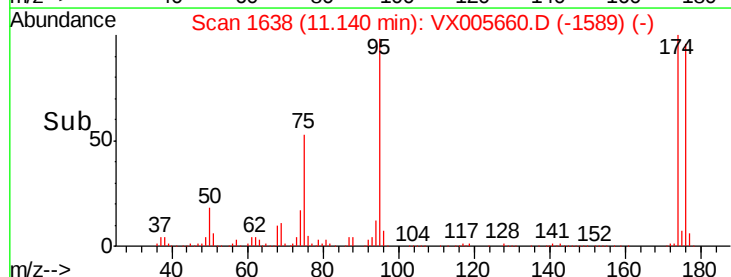
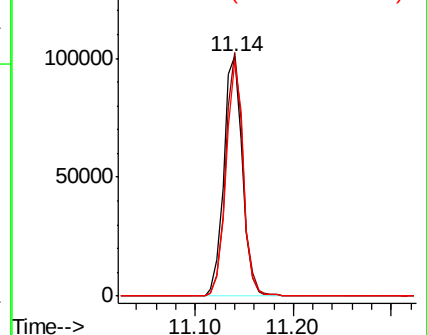
176 91.2 0.0 177.4

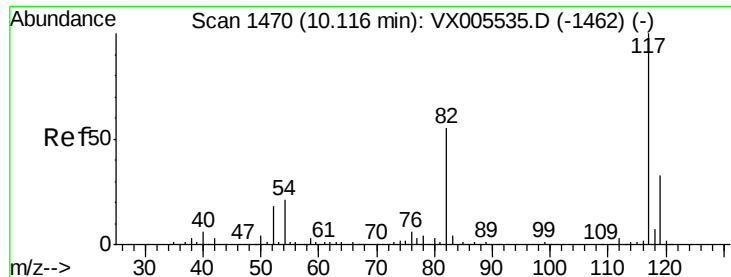


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

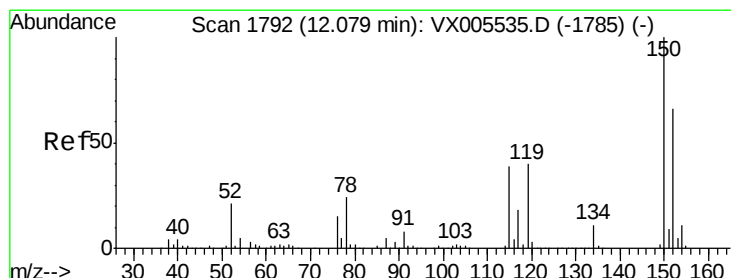
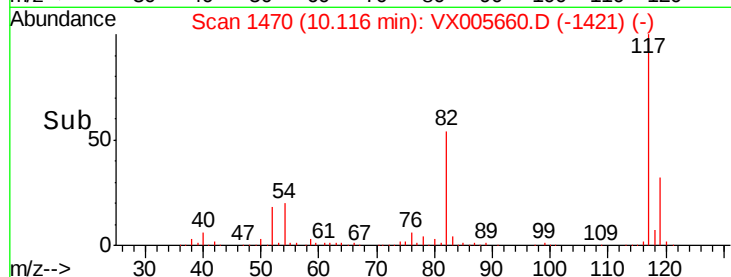
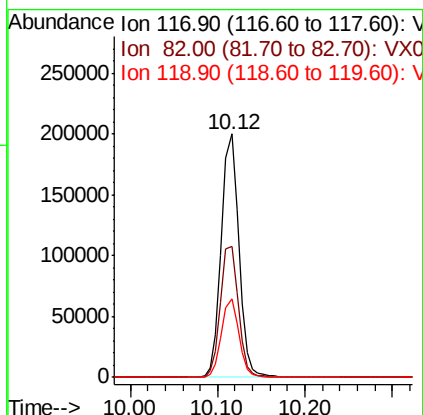
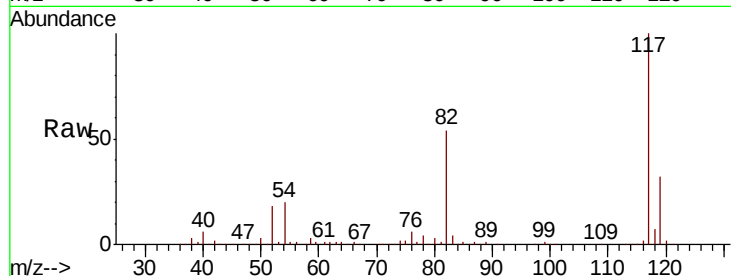




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005660.D
Acq: 29 Oct 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
FT-PZ456S-20181025

Tot Ion:117 Resp: 279062
Ion Ratio Lower Upper
117 100
82 54.0 44.1 66.1
119 32.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005660.D
Acq: 29 Oct 2018 15:11

Tgt Ion:152 Resp: 182132
Ion Ratio Lower Upper
152 100
115 51.6 39.4 118.1
150 152.2 0.0 346.4

