

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005552.D
 Acq On : 24 Oct 2018 20:06
 Operator : JC/MD
 Sample : J5655-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0008

Quant Time: Oct 26 12:02:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	216259	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.86	114	309809	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134231	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	133487	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	5.50	113	103242	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	8.71	98	378007	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.14	95	125276	44.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.02%	

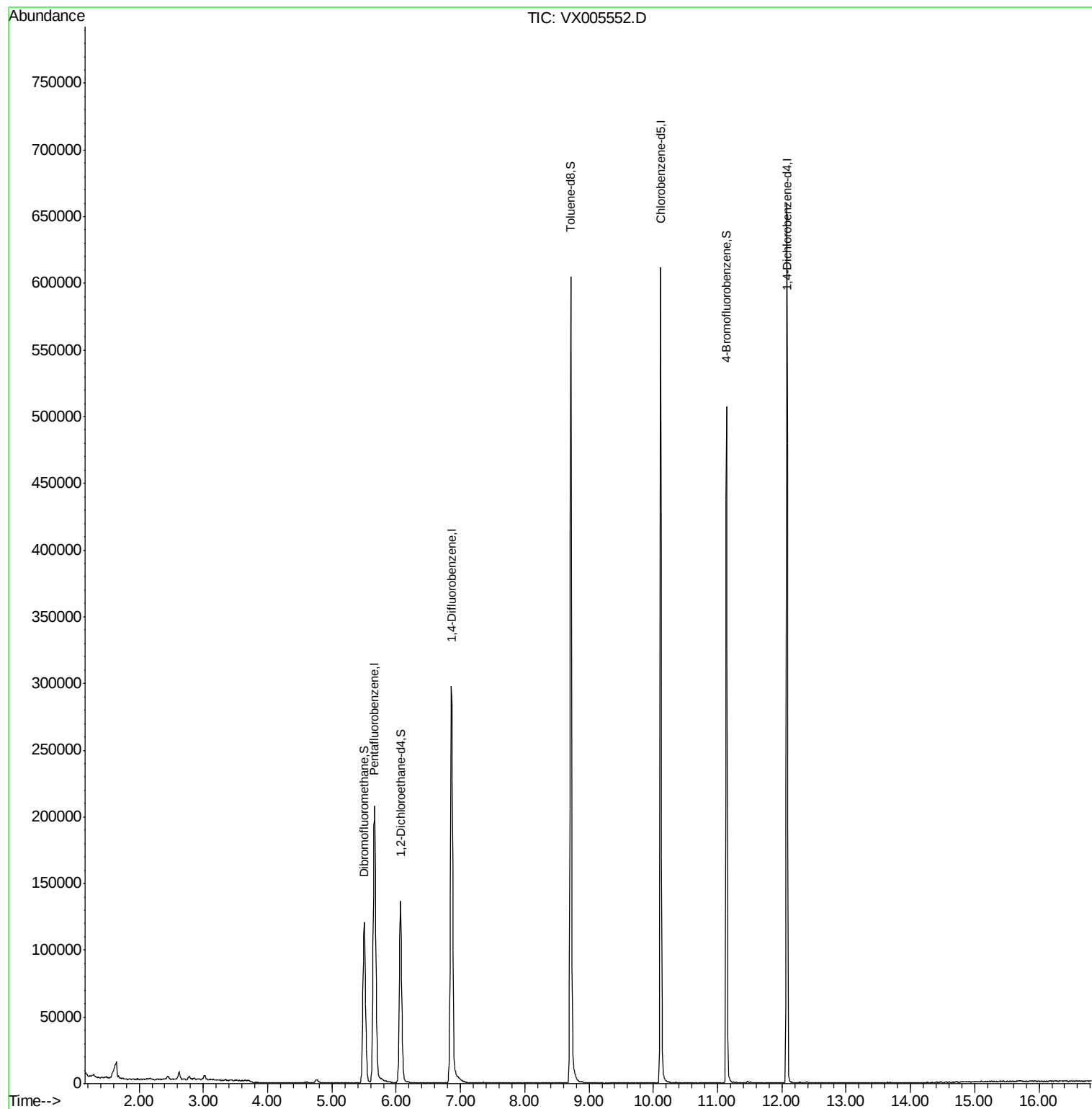
Target Compounds	Qvalue

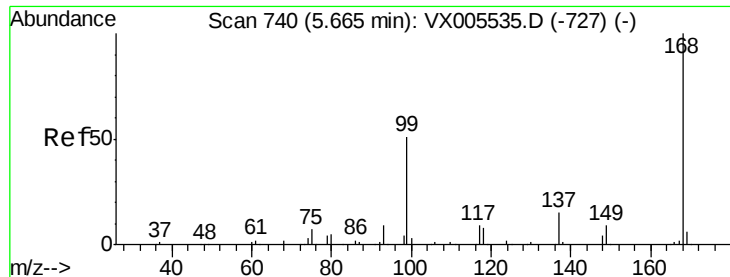
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX005552.D

Acq: 24 Oct 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

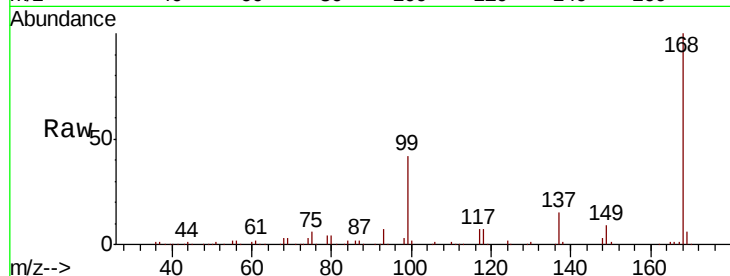
S37-0008

Tot Ion:168 Resp: 216259

Ion Ratio Lower Upper

168 100

99 41.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

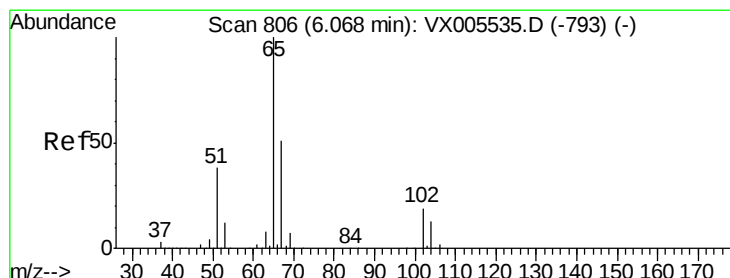
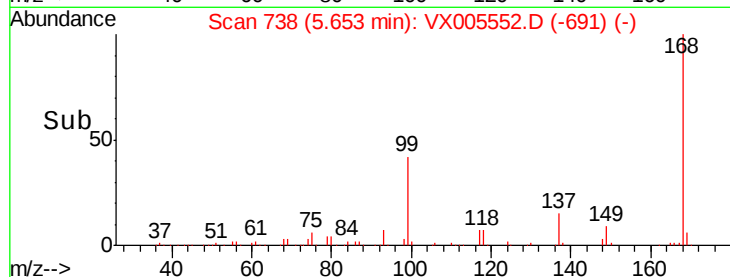
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 50.566 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005552.D

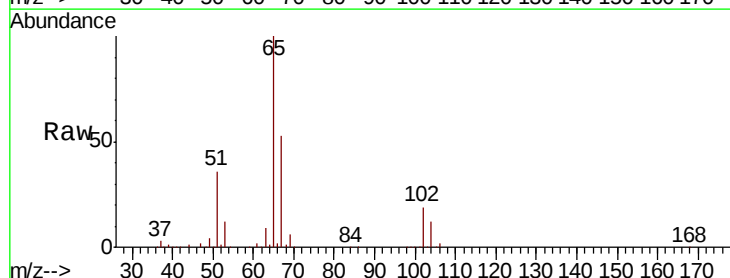
Acq: 24 Oct 2018 20:06

Tgt Ion: 65 Resp: 133487

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

60000

50000

40000

30000

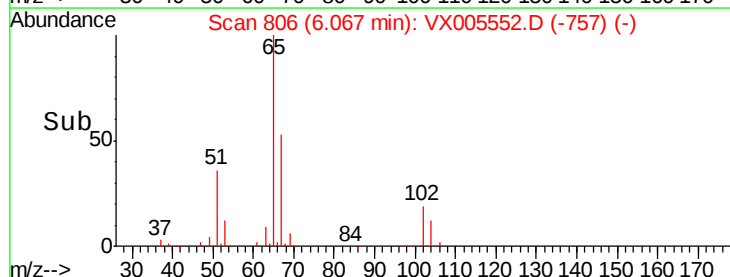
20000

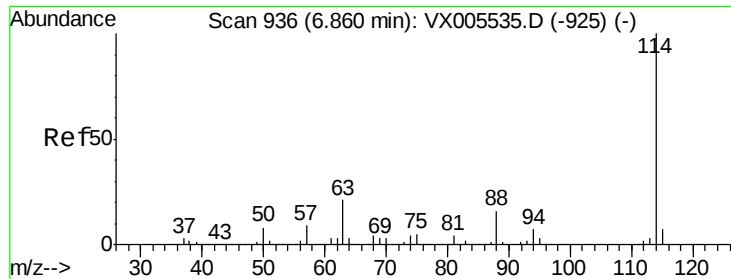
10000

0

Time-->

5.90 6.00 6.10 6.20 6.30

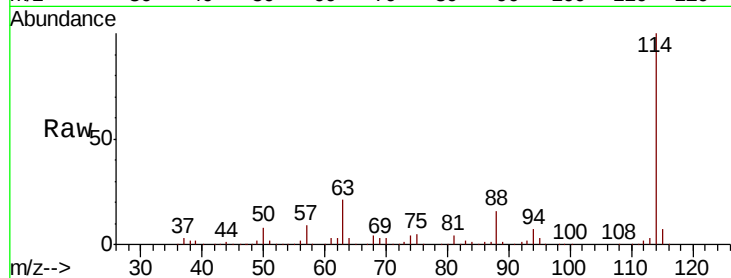




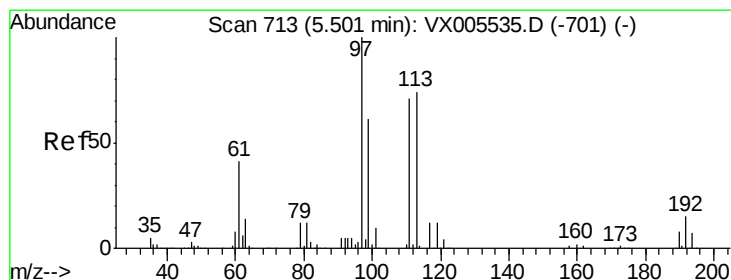
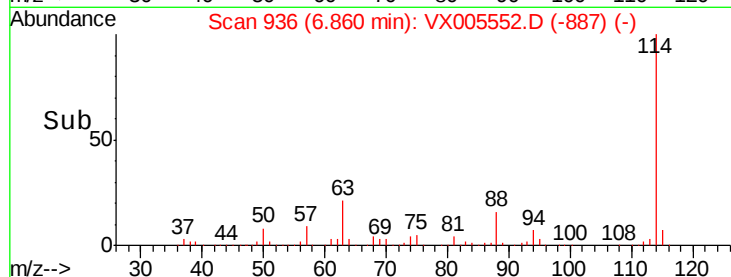
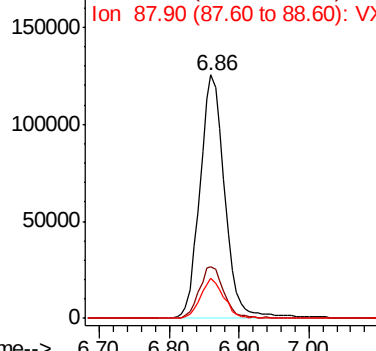
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

Instrument :
MSVOA_X
ClientSampleId :
S37-0008

Tot Ion:114 Resp: 309809
Ion Ratio Lower Upper
114 100
63 21.4 0.0 39.0
88 16.3 0.0 30.4

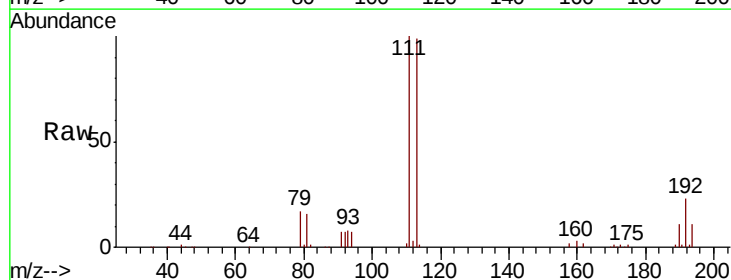


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

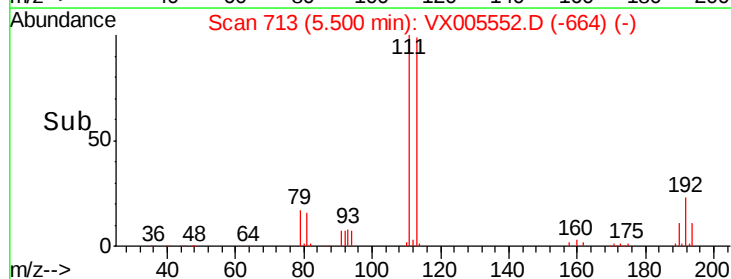
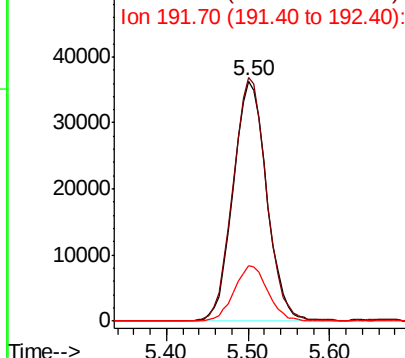


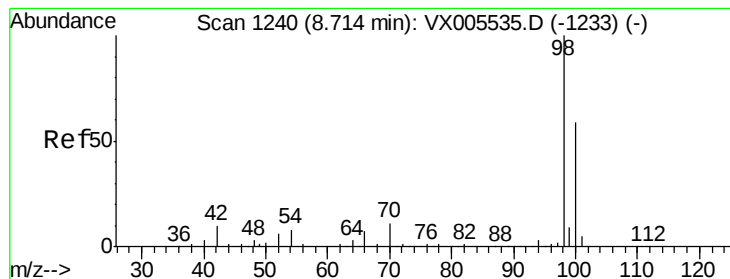
#35
Dibromofluoromethane
Concen: 49.215 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

Tgt Ion:113 Resp: 103242
Ion Ratio Lower Upper
113 100
111 101.3 82.4 123.6
192 23.0 19.4 29.2



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: 50.149 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005552.D

Acq: 24 Oct 2018 20:06

Instrument :

MSVOA_X

ClientSampled :

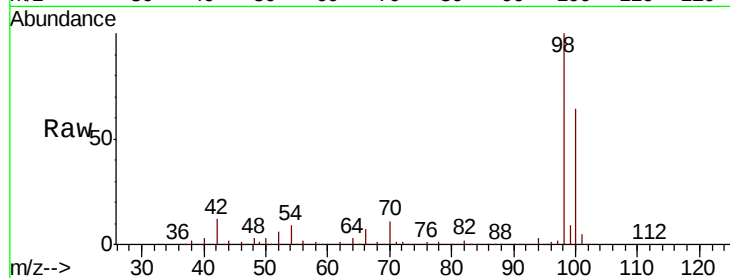
S37-0008

Tot Ion: 98 Resp: 378007

Ion Ratio Lower Upper

98 100

100 63.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

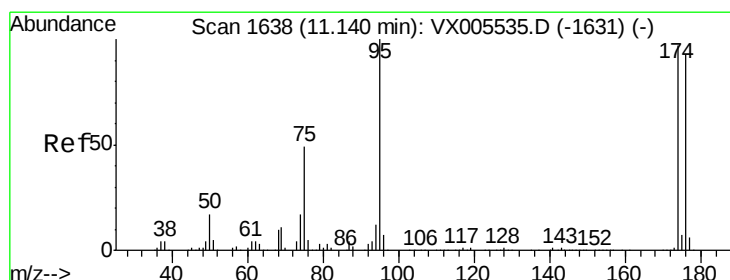
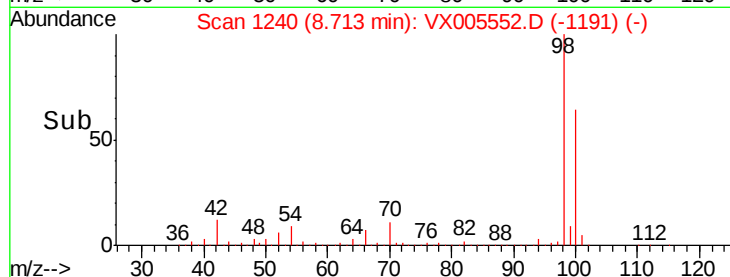
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.009 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005552.D

Acq: 24 Oct 2018 20:06

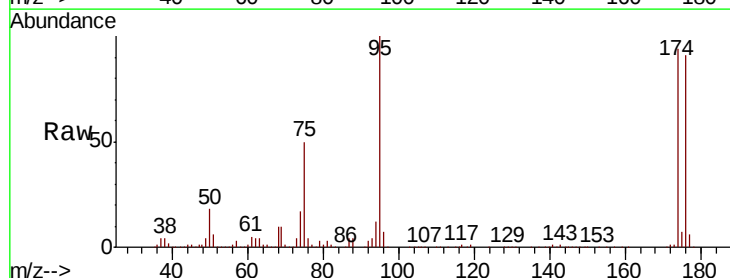
Tgt Ion: 95 Resp: 125276

Ion Ratio Lower Upper

95 100

174 91.9 0.0 185.2

176 88.7 0.0 178.6



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

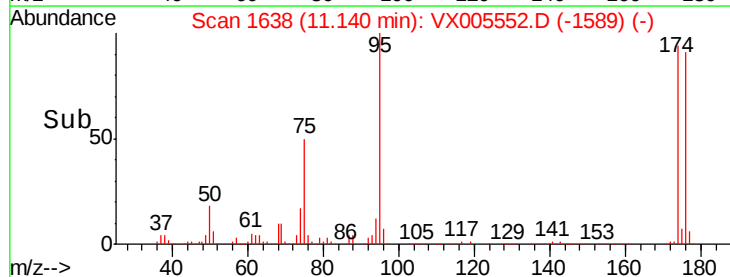
11.14

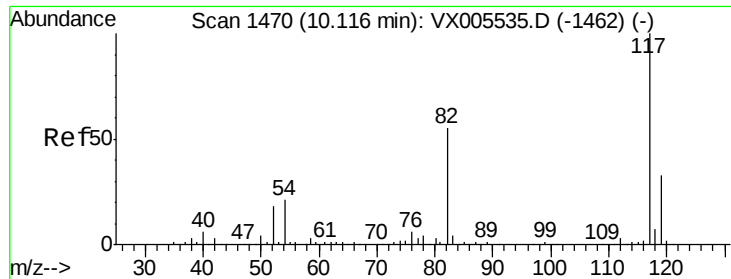
100000

50000

0

Time-->

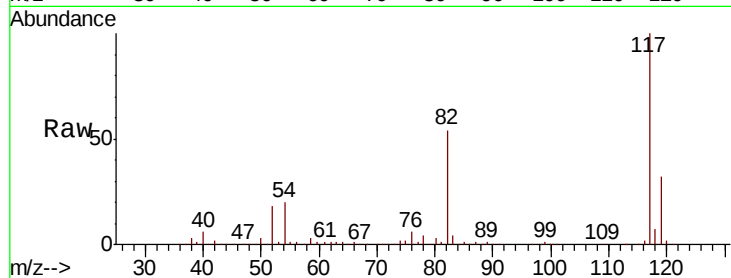




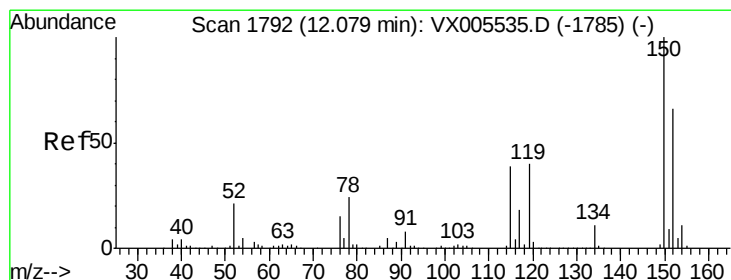
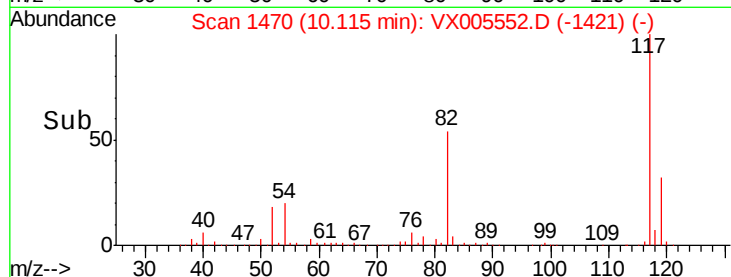
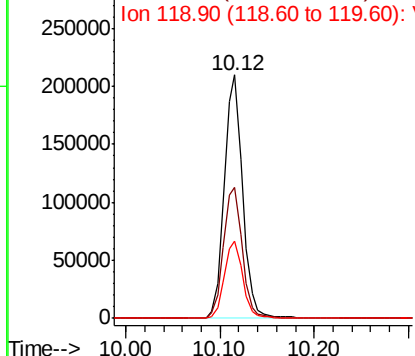
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

Instrument :
MSVOA_X
ClientSampled :
S37-0008

Tot Ion:117 Resp: 283043
Ion Ratio Lower Upper
117 100
82 53.6 47.8 71.6
119 31.9 29.3 43.9

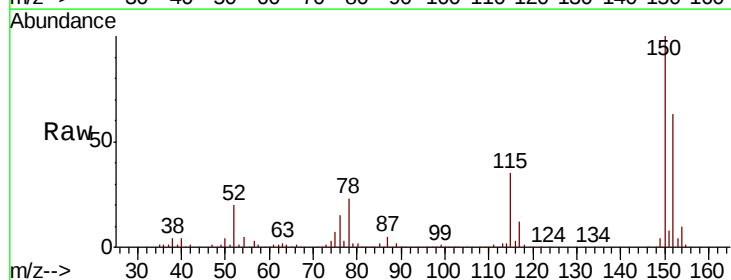


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005552.D
Acq: 24 Oct 2018 20:06

Tgt Ion:152 Resp: 134231
Ion Ratio Lower Upper
152 100
115 56.0 39.0 117.0
150 158.0 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

