

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005200.D
 Acq On : 10 Oct 2018 10:33
 Operator : JC/MD
 Sample : J5303-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW516-2024

Quant Time: Oct 10 16:35:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	175768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	278637	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156867	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	144244	57.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.90%	
35) Dibromofluoromethane	5.50	113	117311	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
50) Toluene-d8	8.72	98	405090	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	11.14	95	145849	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	

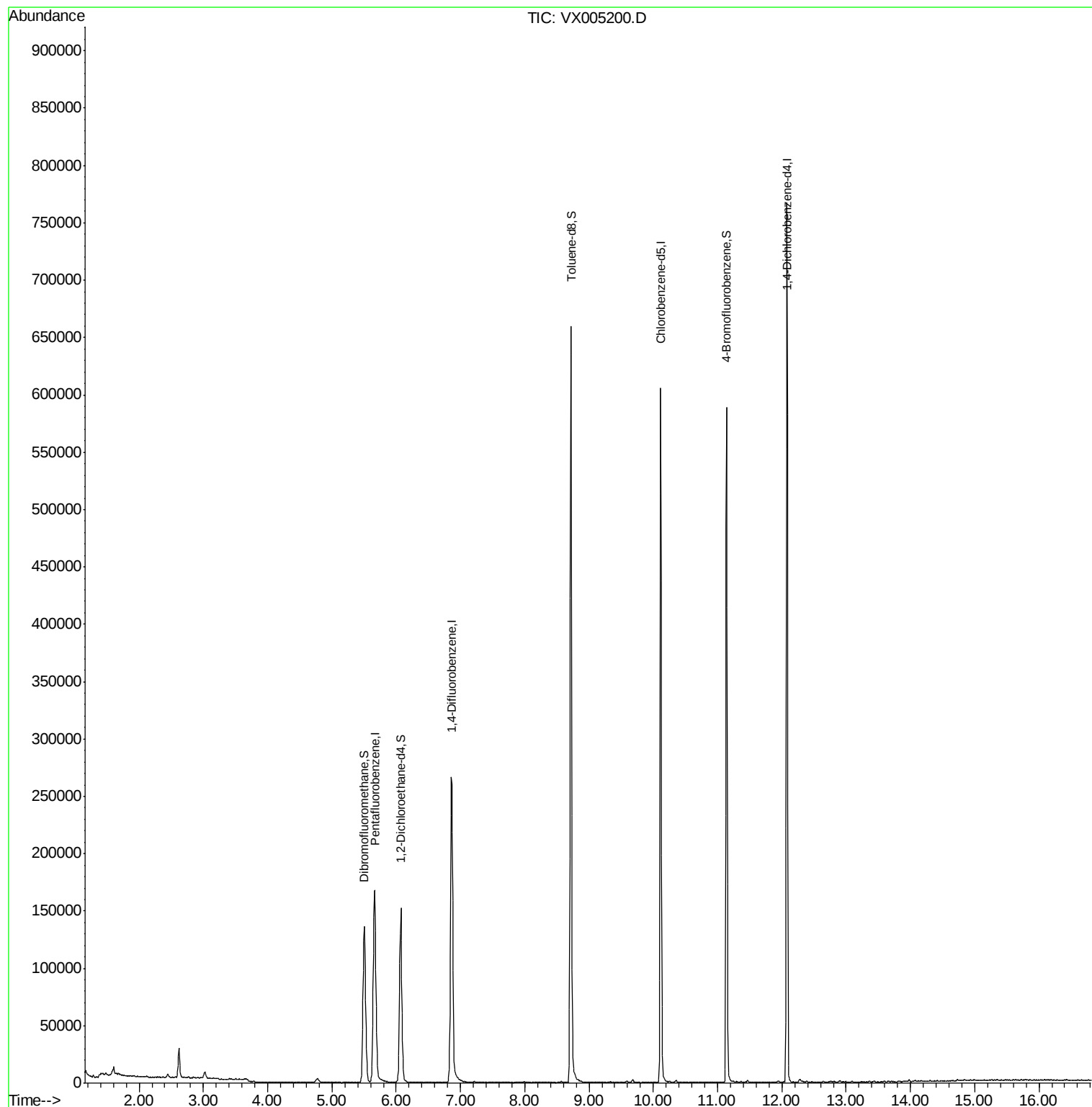
Target Compounds	Qvalue
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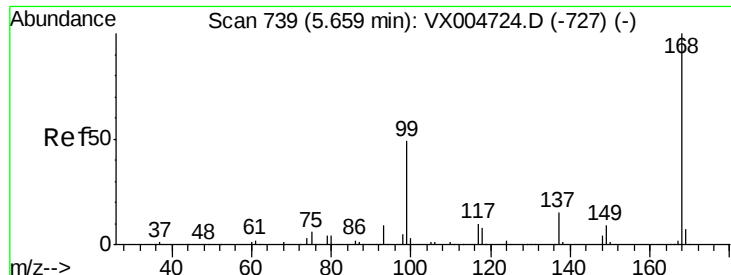
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005200.D

Acq: 10 Oct 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

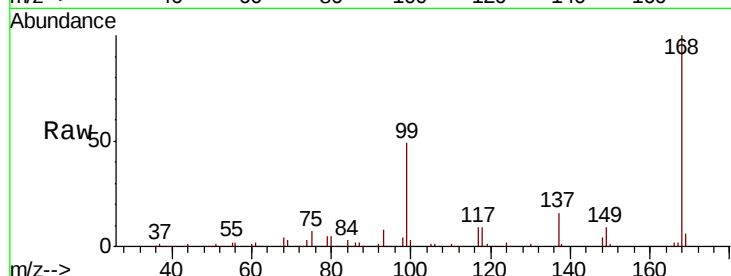
SA-TW516-2024

Tot Ion:168 Resp: 175768

Ion Ratio Lower Upper

168 100

99 49.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): VX004724.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX005200.D (-690) (-)

5.67

60000

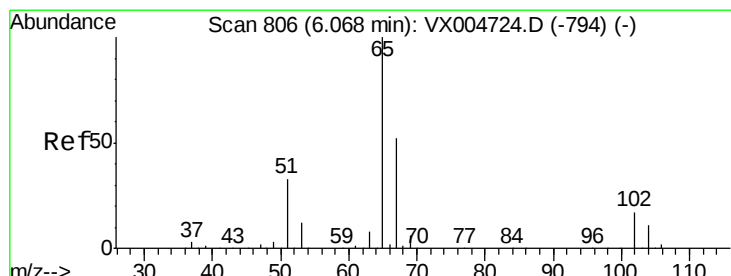
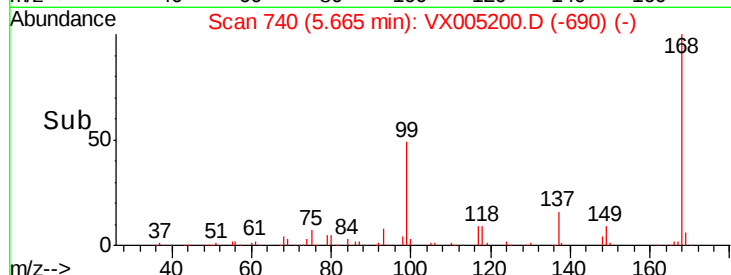
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 57.448 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005200.D

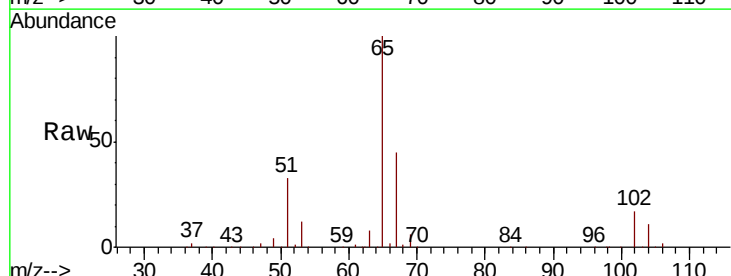
Acq: 10 Oct 2018 10:33

Tgt Ion: 65 Resp: 144244

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX004724.D (-794) (-)

Ion 66.90 (66.60 to 67.60): VX005200.D (-757) (-)

6.07

60000

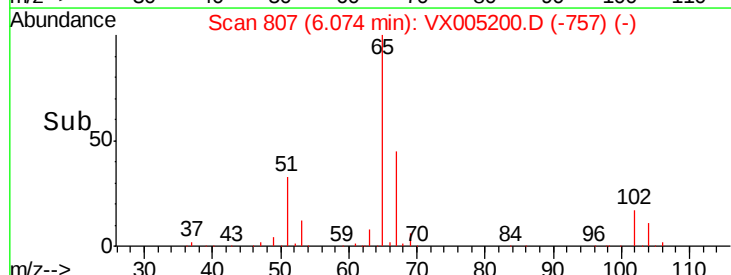
40000

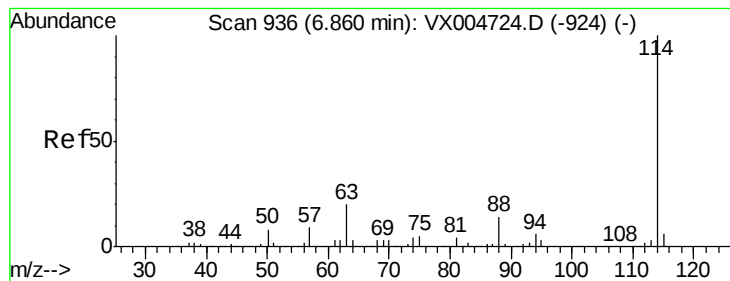
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005200.D

Acq: 10 Oct 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

SA-TW516-2024

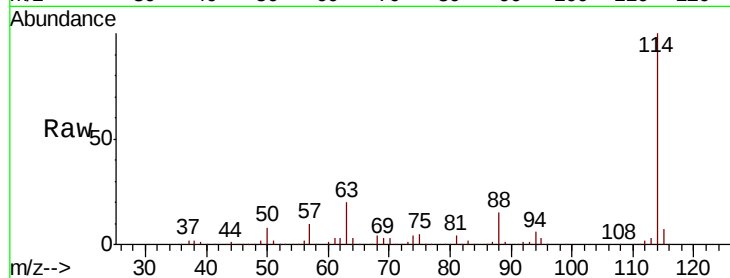
Tot Ion:114 Resp: 278637

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

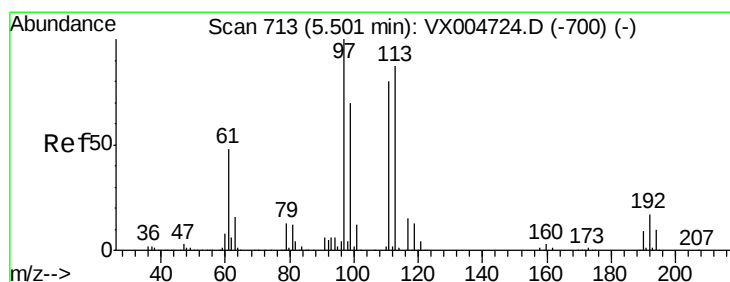
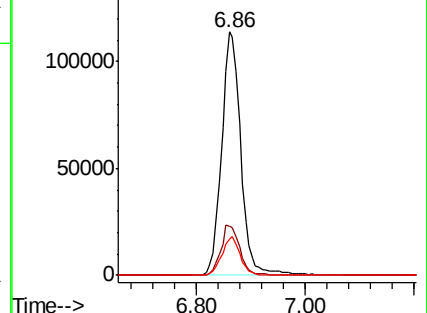
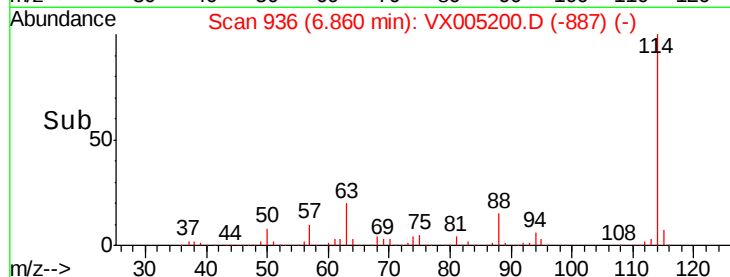
88 14.8 0.0 27.0



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: 49.677 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005200.D

Acq: 10 Oct 2018 10:33

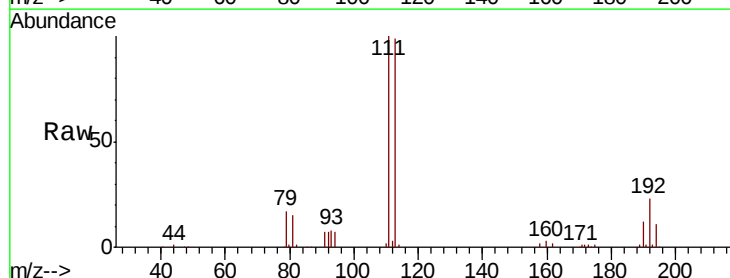
Tgt Ion:113 Resp: 117311

Ion Ratio Lower Upper

113 100

111 101.1 77.0 115.4

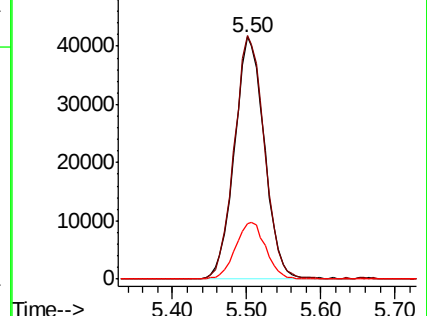
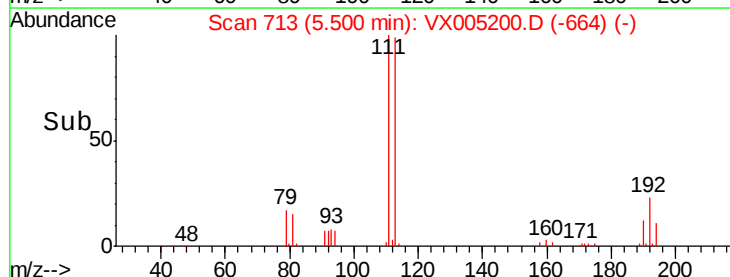
192 23.8 17.0 25.6

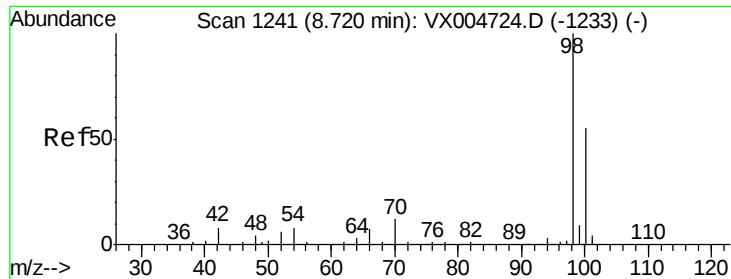


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.599 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005200.D

Acq: 10 Oct 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

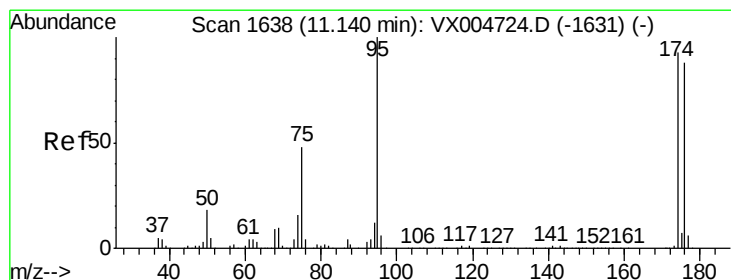
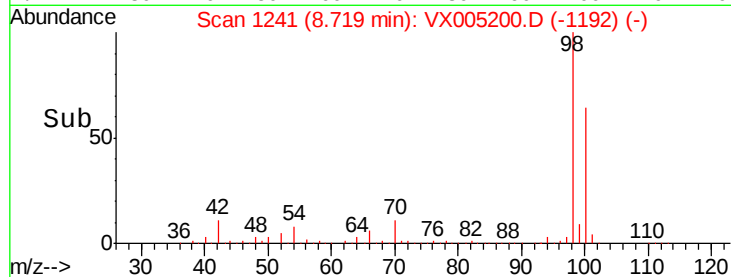
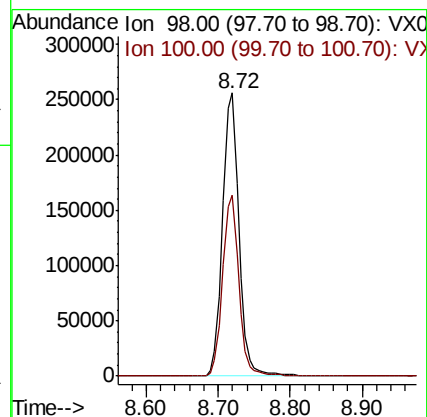
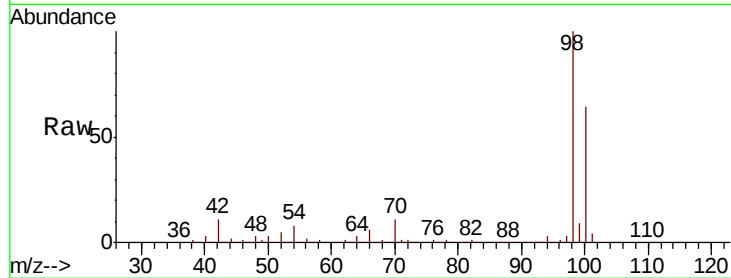
SA-TW516-2024

Tot Ion: 98 Resp: 405090

Ion Ratio Lower Upper

98 100

100 63.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 51.568 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005200.D

Acq: 10 Oct 2018 10:33

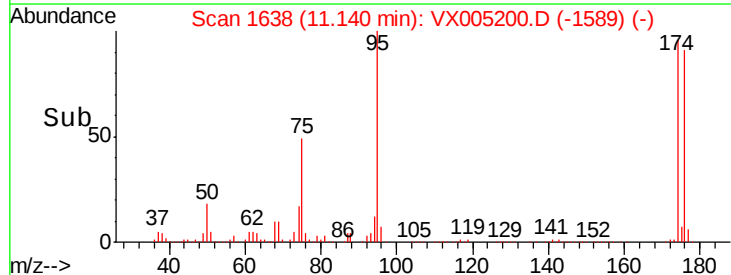
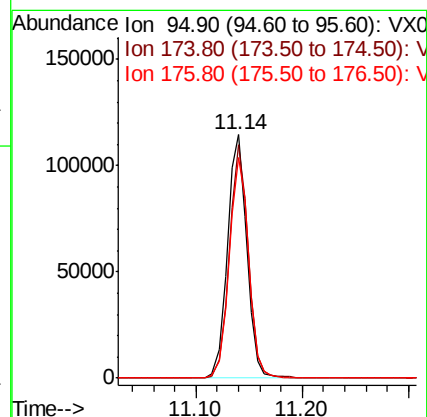
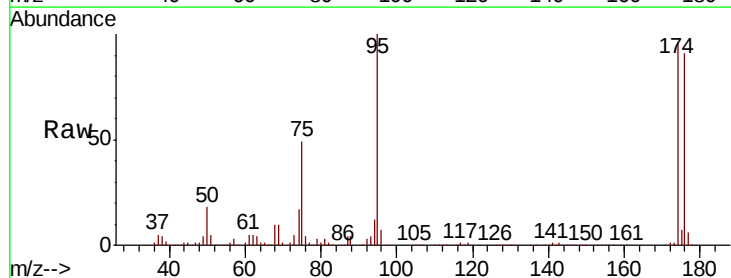
Tgt Ion: 95 Resp: 145849

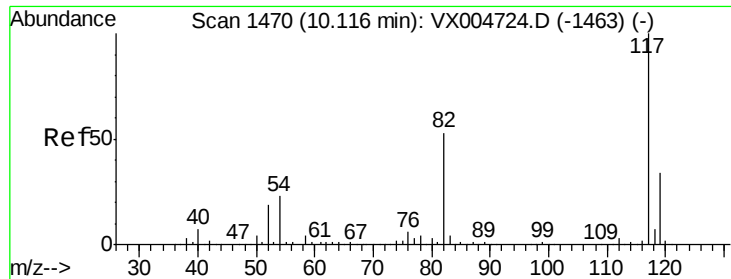
Ion Ratio Lower Upper

95 100

174 94.2 0.0 185.0

176 91.0 0.0 180.2

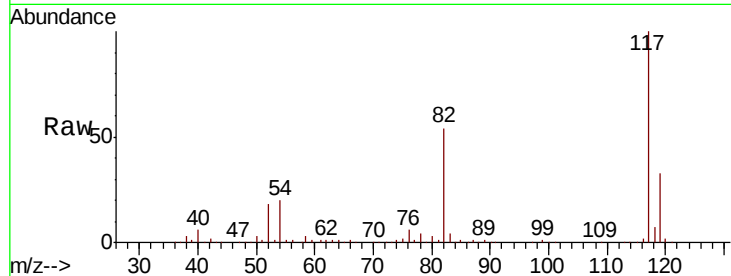




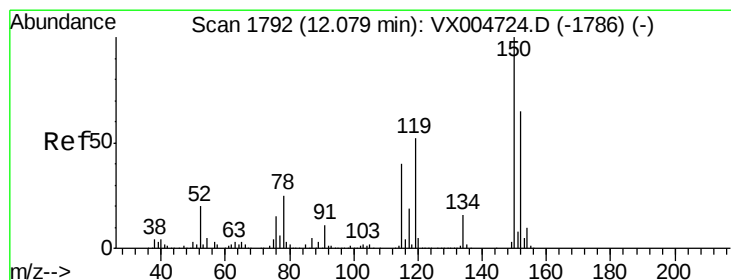
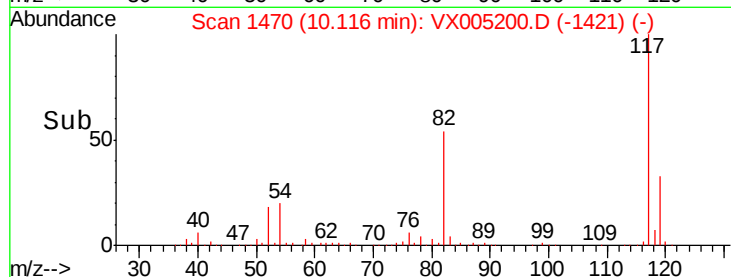
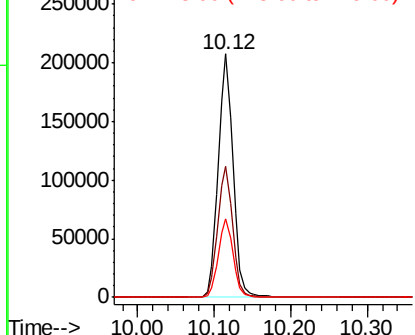
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005200.D
Acq: 10 Oct 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
SA-TW516-2024

Tot Ion:117 Resp: 279706
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.4
119 32.5 27.4 41.0

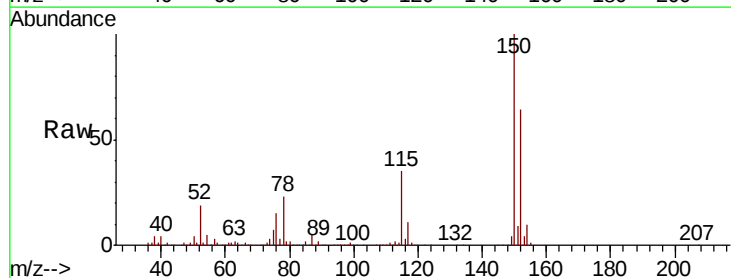


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005200.D
Acq: 10 Oct 2018 10:33

Tgt Ion:152 Resp: 156867
Ion Ratio Lower Upper
152 100
115 55.0 40.2 120.6
150 156.9 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

