

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX092818\
 Data File : VX004847.D
 Acq On : 29 Sep 2018 03:39
 Operator : JC/MD
 Sample : J5134-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-4953

Quant Time: Oct 08 17:38:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

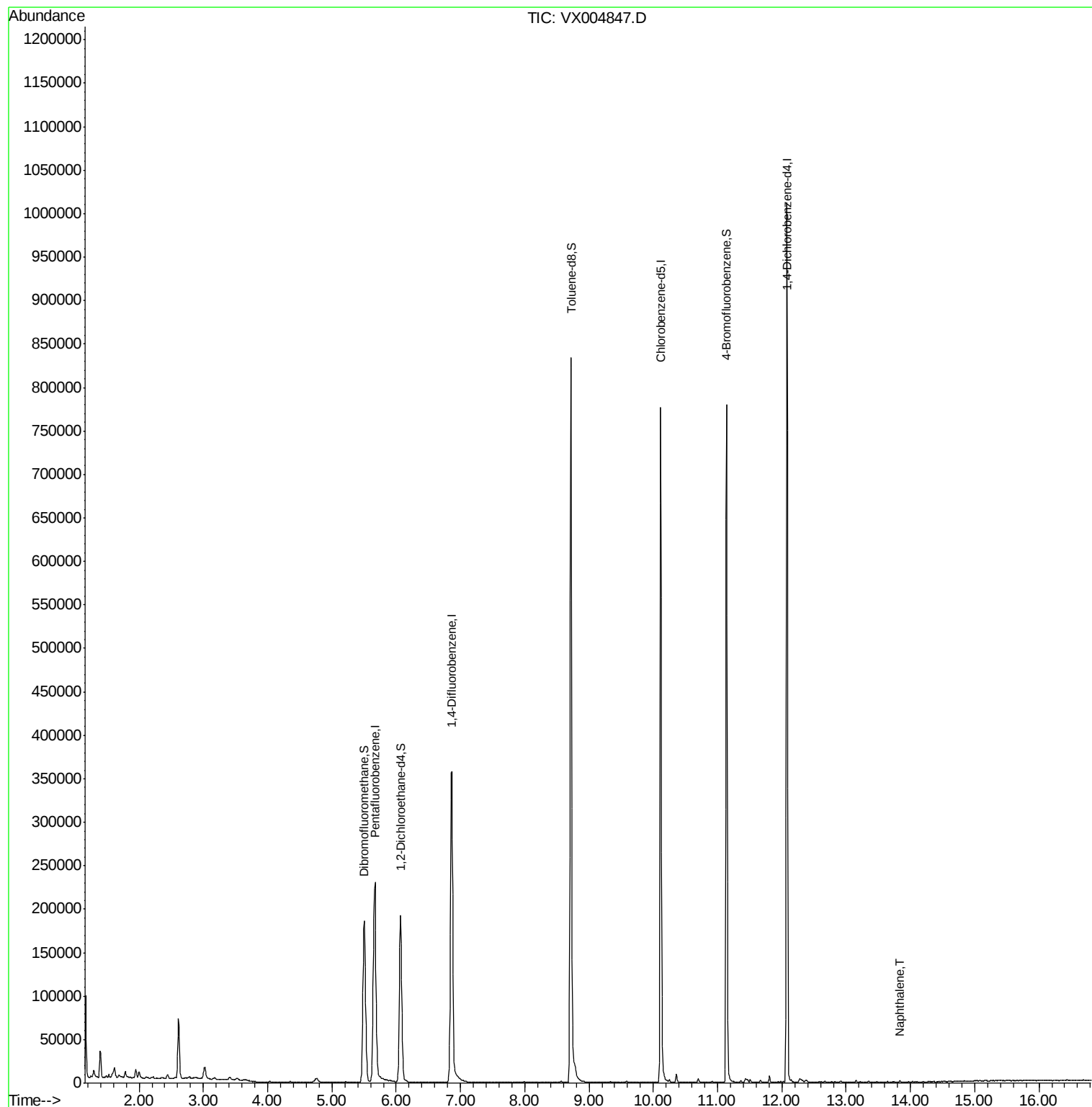
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	240593	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.87	114	393948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	189310	55.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.16%	
35) Dibromofluoromethane	5.49	113	162861	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
50) Toluene-d8	8.72	98	544925	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.14	95	197247	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
Target Compounds						
95) Naphthalene	13.83	128	1049	0.780	ug/l #	Qvalue 91

(#) = 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# 741

Delta R.T. 0.01 min

Lab File: VX004847.D

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Instrument :

MSVOA_X

ClientSampleId :

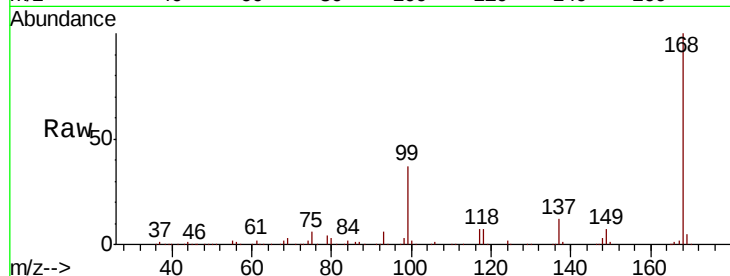
SA-TW505-4953

Tot Ion:168 Resp: 240593

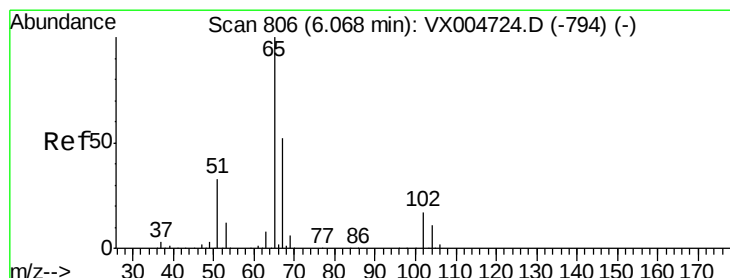
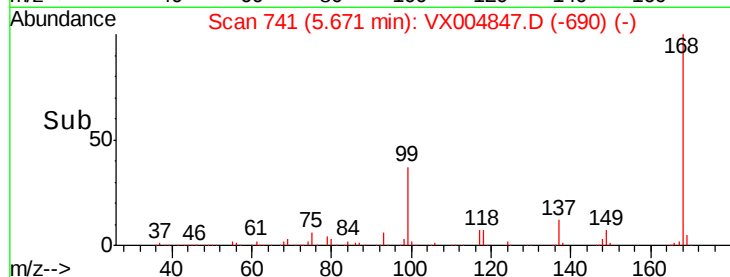
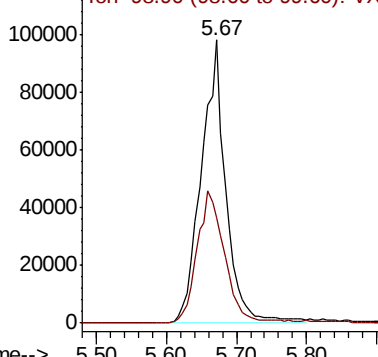
Ion Ratio Lower Upper

168 100

99 37.1 39.9 59.9#



Abundance Ion 167.90 (167.60 to 168.60): VX004847.D (-690) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.082 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004847.D

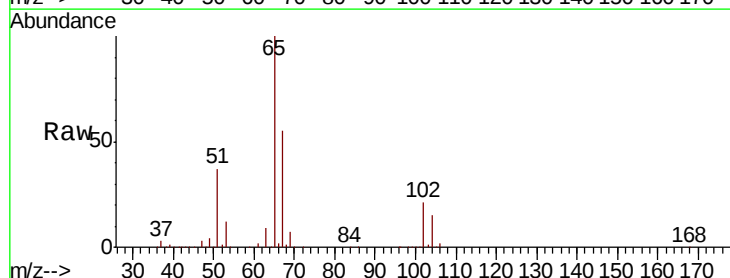
Acq: 29 Sep 2018 03:39

Tgt Ion: 65 Resp: 189310

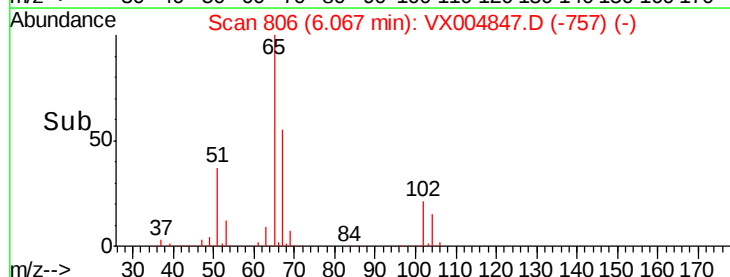
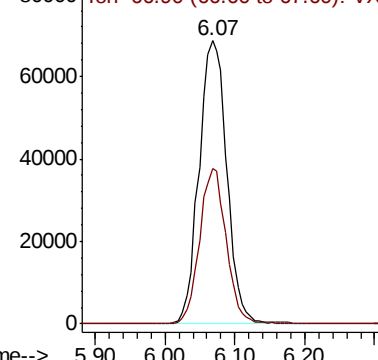
Ion Ratio Lower Upper

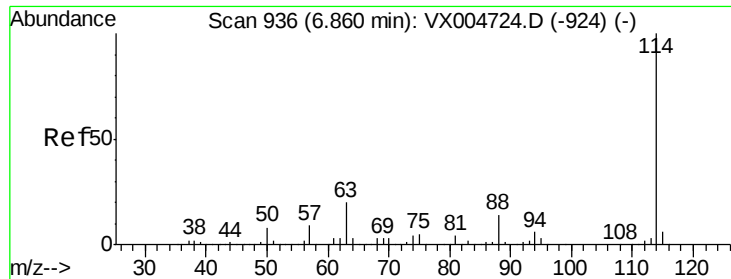
65 100

67 52.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX004847.D (-757) (-)

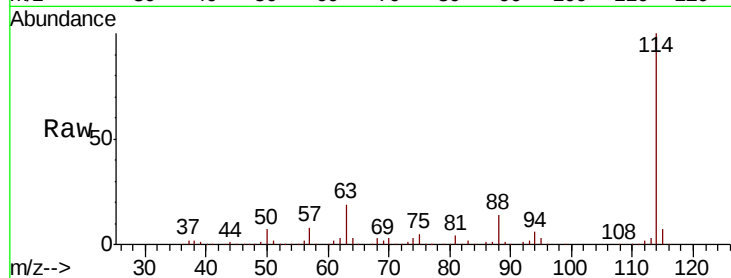




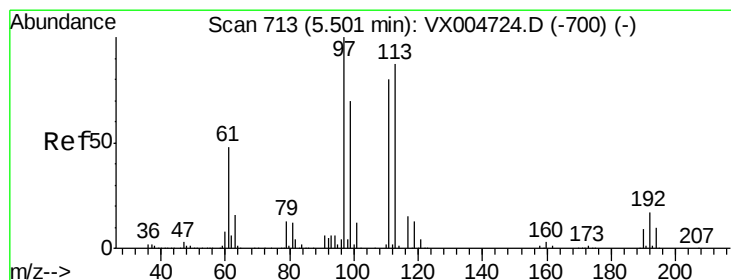
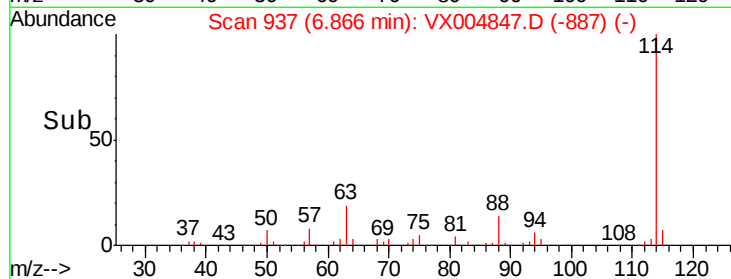
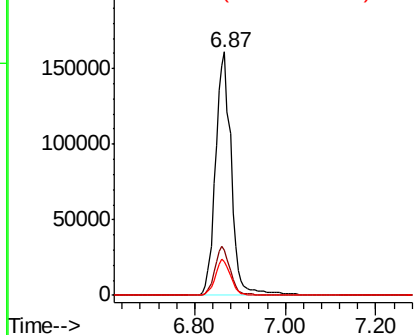
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004847.D
 Acq: 29 Sep 2018 03:39

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-4953

Tot Ion:114 Resp: 393948
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.0
 88 14.0 0.0 30.4

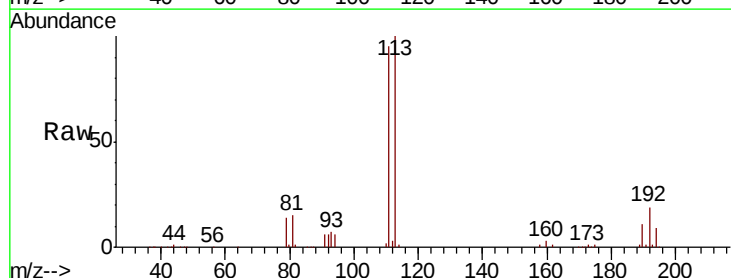


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

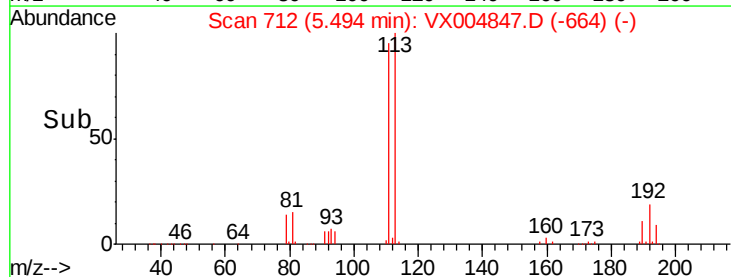
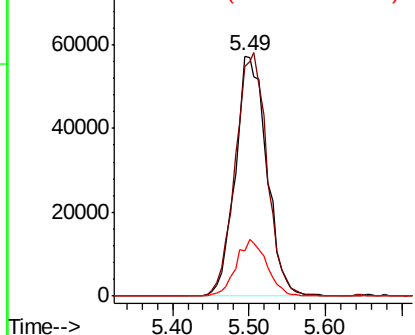


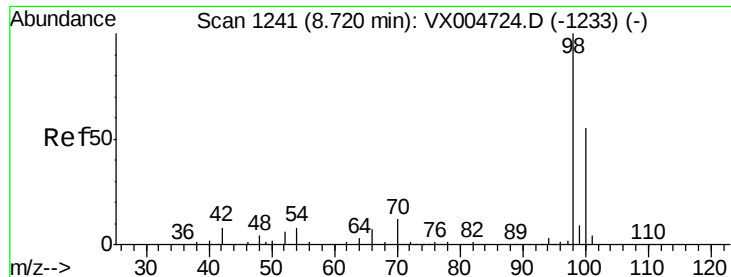
#35
 Dibromofluoromethane
 Concen: 48.779 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX004847.D
 Acq: 29 Sep 2018 03:39

Tgt Ion:113 Resp: 162861
 Ion Ratio Lower Upper
 113 100
 111 102.5 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: 49.094 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004847.D

Acq: 29 Sep 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

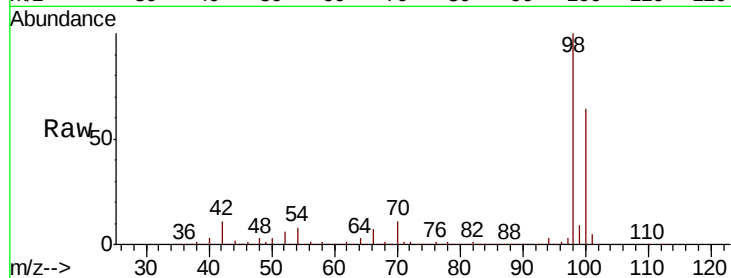
SA-TW505-4953

Tot Ion: 98 Resp: 544925

Ion Ratio Lower Upper

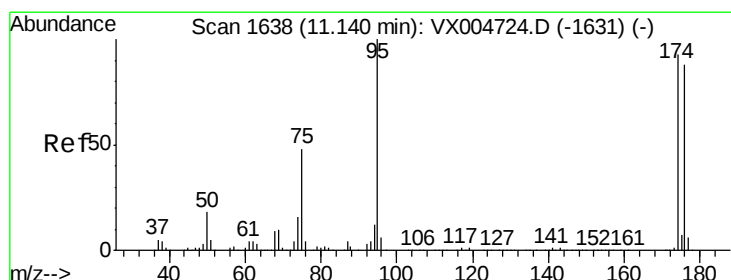
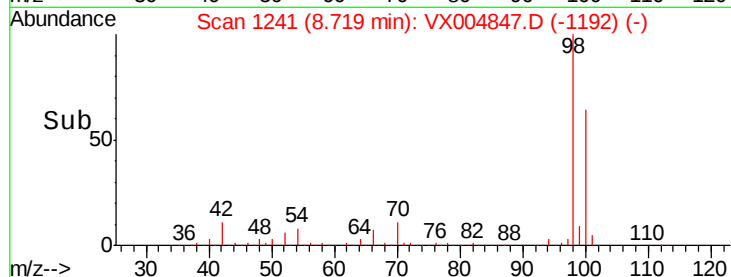
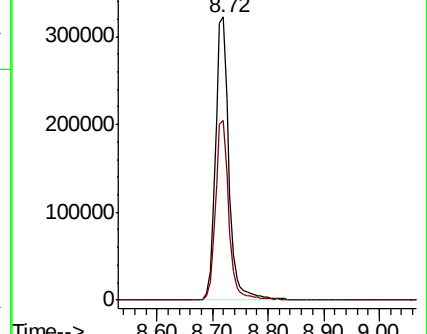
98 100

100 63.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 49.327 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004847.D

Acq: 29 Sep 2018 03:39

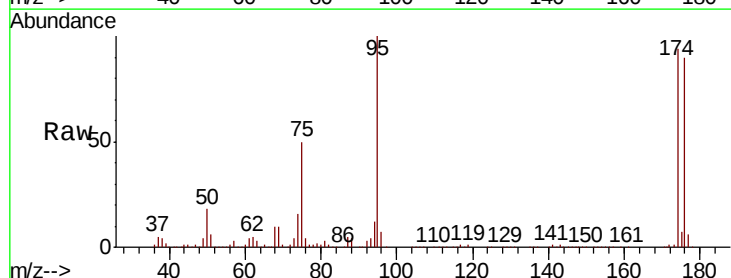
Tgt Ion: 95 Resp: 197247

Ion Ratio Lower Upper

95 100

174 92.0 0.0 185.2

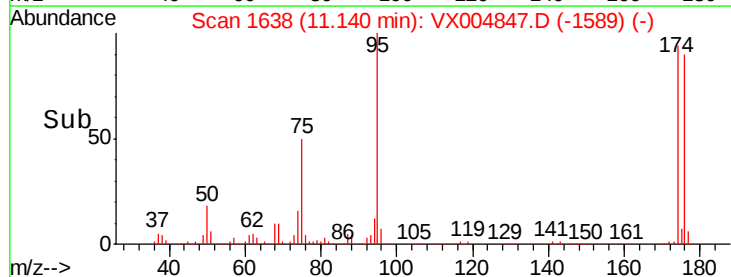
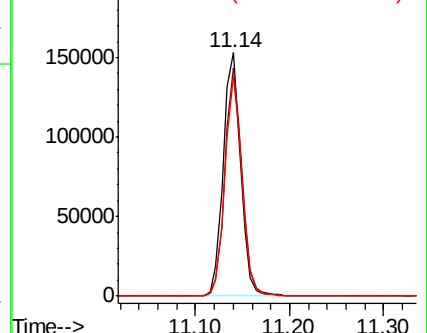
176 88.2 0.0 178.6

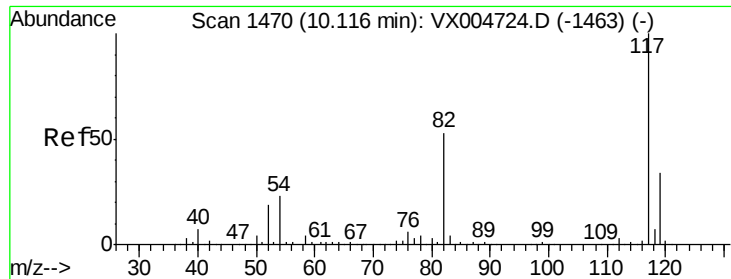


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

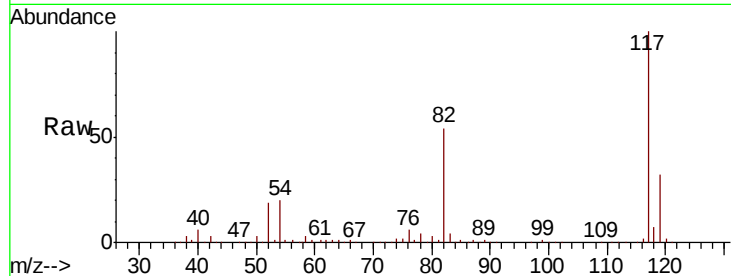




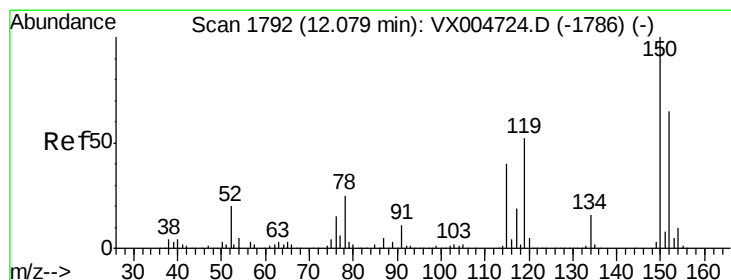
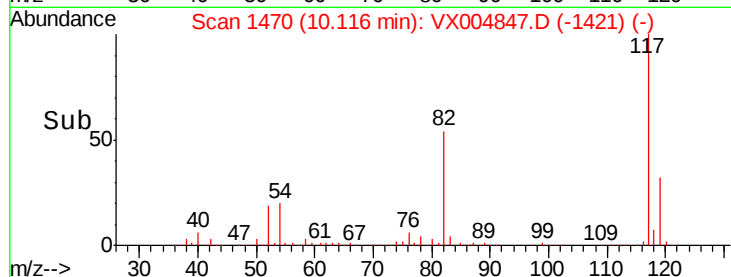
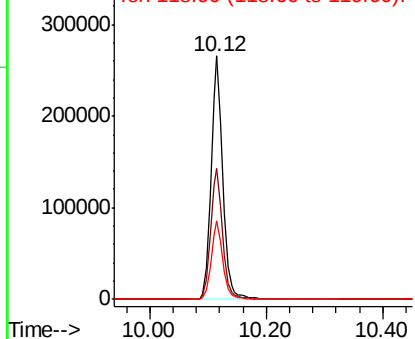
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004847.D
Acq: 29 Sep 2018 03:39

Instrument :
MSVOA_X
ClientSampled :
SA-TW505-4953

Tot Ion:117 Resp: 368363
Ion Ratio Lower Upper
117 100
82 54.0 47.8 71.6
119 32.4 29.3 43.9

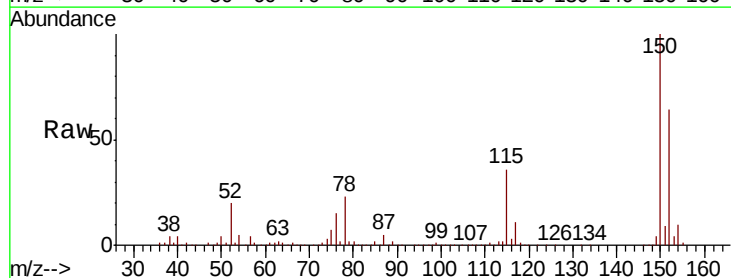


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

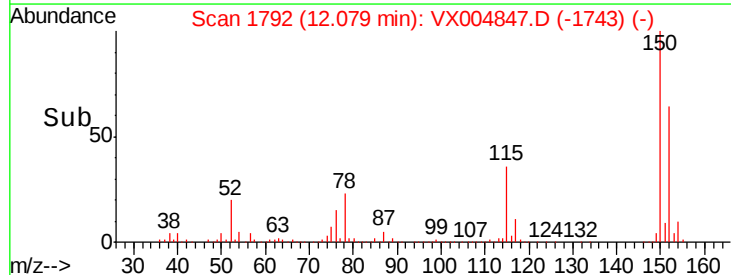
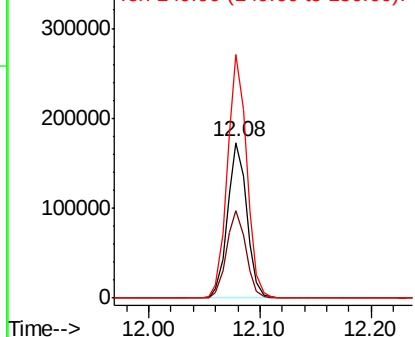


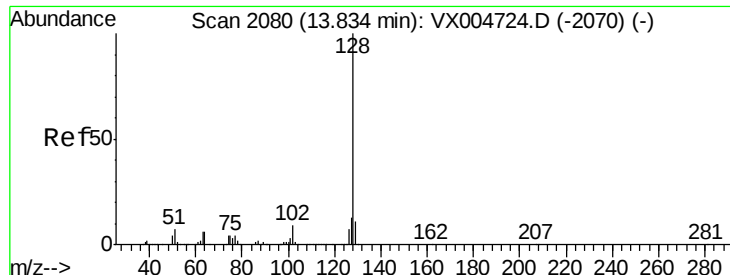
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004847.D
Acq: 29 Sep 2018 03:39

Tgt Ion:152 Resp: 206298
Ion Ratio Lower Upper
152 100
115 56.7 39.0 117.0
150 157.2 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





#95

Naphthalene

Concen: 0.780 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004847.D

Acq: 29 Sep 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-4953

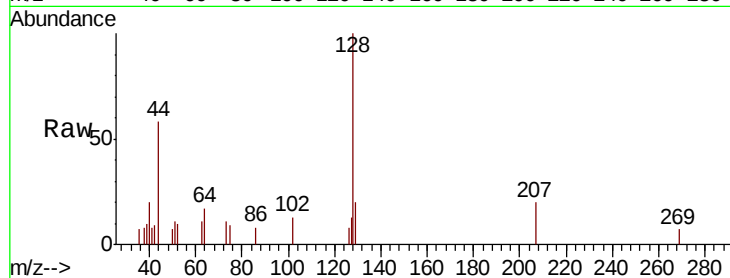
Tot Ion:128 Resp: 1049

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.2

129 17.3 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

