

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006628.D
 Acq On : 19 Dec 2018 05:38
 Operator : JC/MD
 Sample : J6449-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16D_R1

Quant Time: Dec 19 07:42:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	624229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	999412	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	920700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	434721	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	350850	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
35) Dibromofluoromethane	5.51	113	297921	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
50) Toluene-d8	8.71	98	1190884	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
62) 4-Bromofluorobenzene	11.13	95	434286	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	

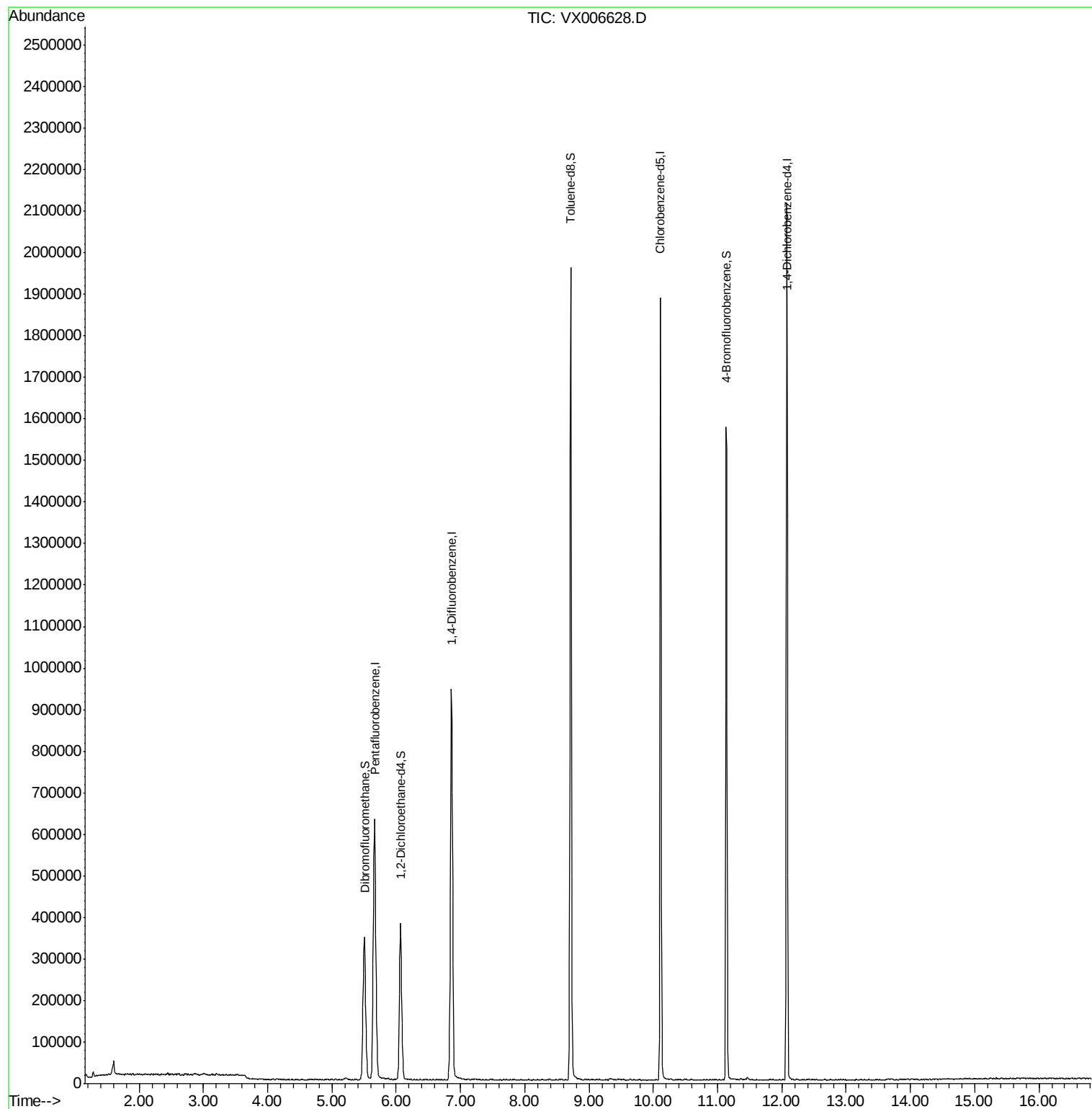
Target Compounds	Qvalue
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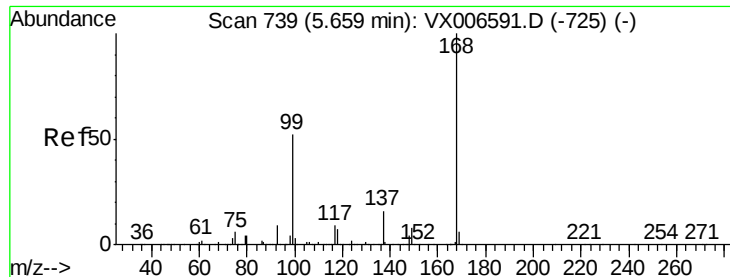
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006628.D

Acq: 19 Dec 2018 05:38

Instrument :

MSVOA_X

ClientSampleId :

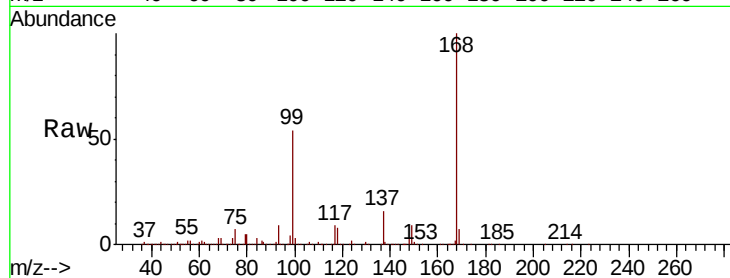
MW-16D_R1

Tot Ion:168 Resp: 624229

Ion Ratio Lower Upper

168 100

99 54.2 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

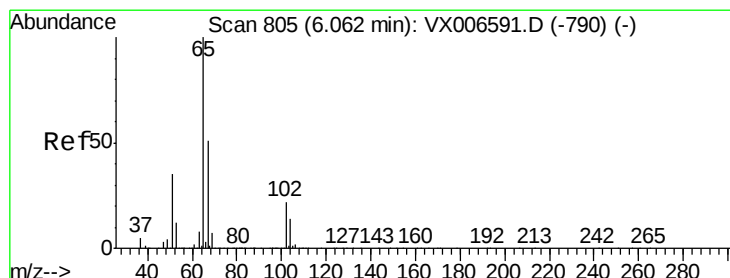
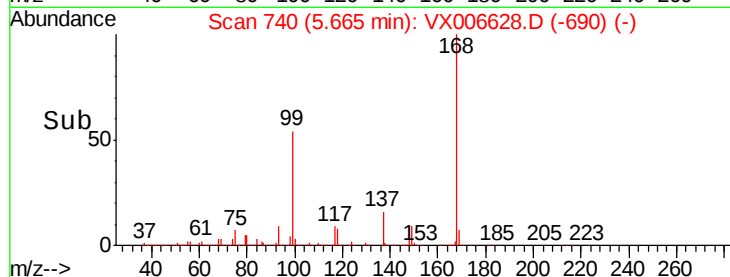
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.150 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006628.D

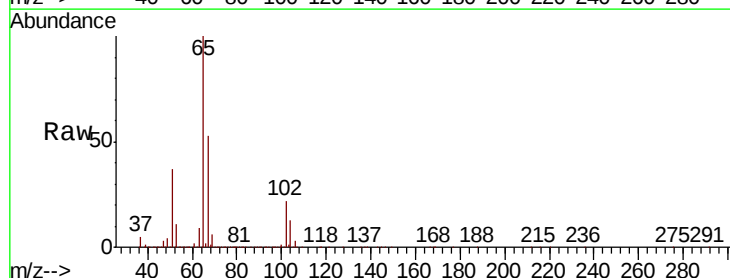
Acq: 19 Dec 2018 05:38

Tgt Ion: 65 Resp: 350850

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

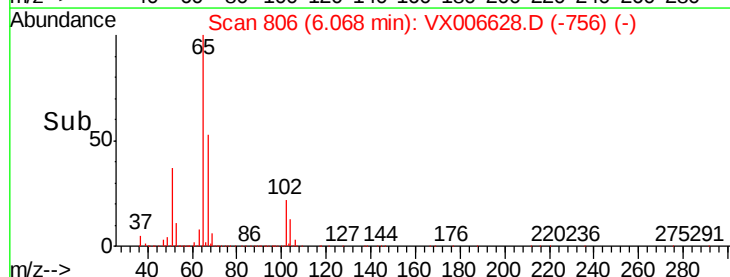
150000

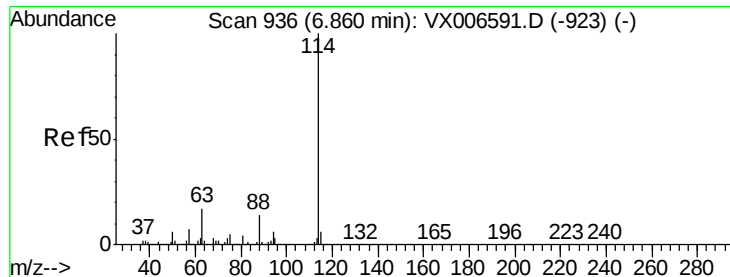
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006628.D

Acq: 19 Dec 2018 05:38

Instrument :

MSVOA_X

ClientSampleId :

MW-16D_R1

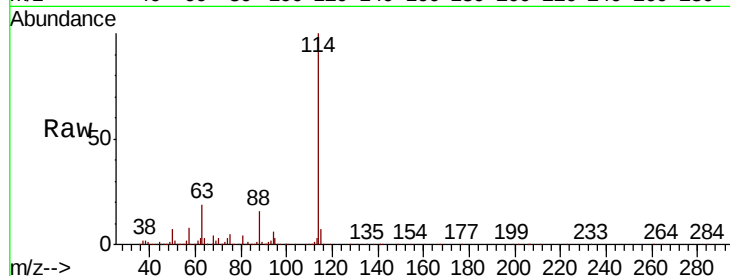
Tot Ion:114 Resp: 999412

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.6

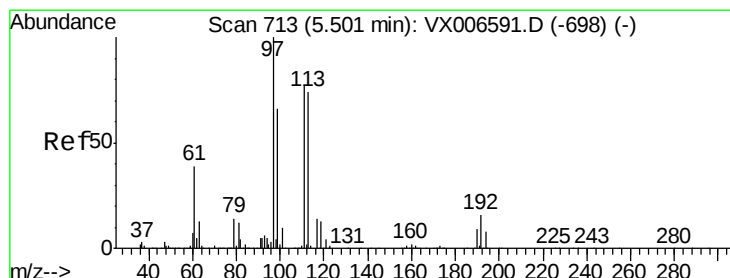
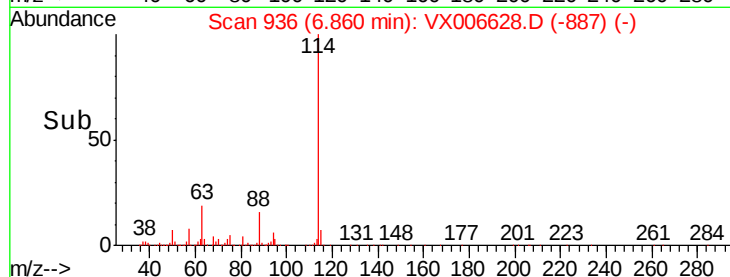
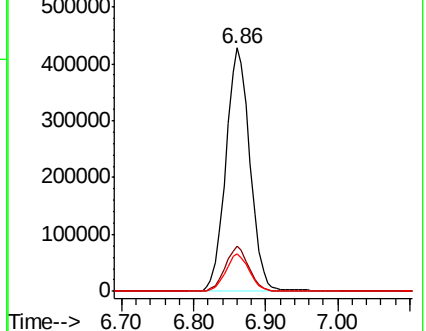
88 15.6 0.0 29.0



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: 47.139 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006628.D

Acq: 19 Dec 2018 05:38

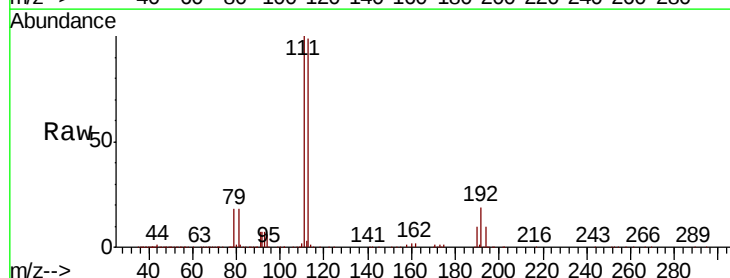
Tgt Ion:113 Resp: 297921

Ion Ratio Lower Upper

113 100

111 102.3 81.1 121.7

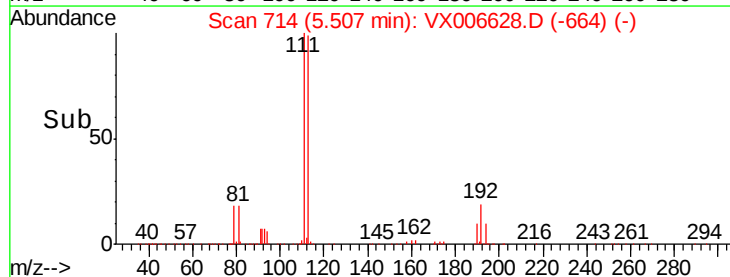
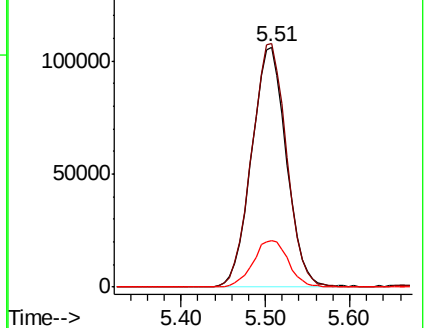
192 20.0 18.2 27.2

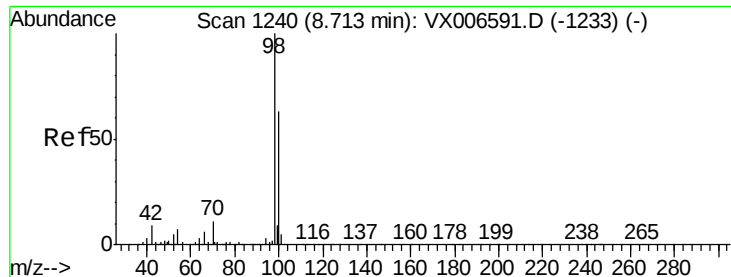


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.980 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006628.D

Acq: 19 Dec 2018 05:38

Instrument :

MSVOA_X

ClientSampleId :

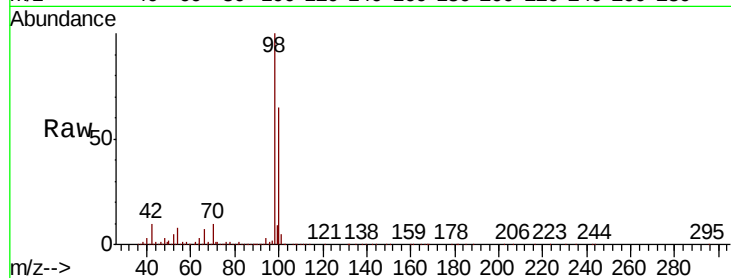
MW-16D_R1

Tot Ion: 98 Resp: 1190884

Ion Ratio Lower Upper

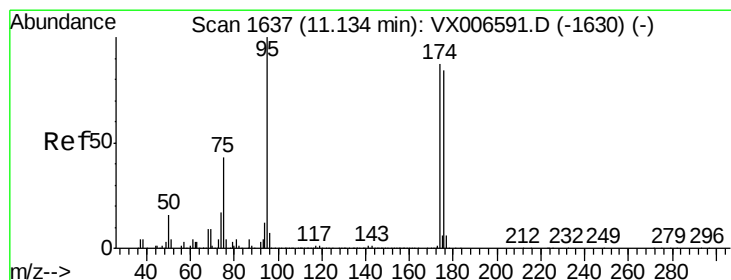
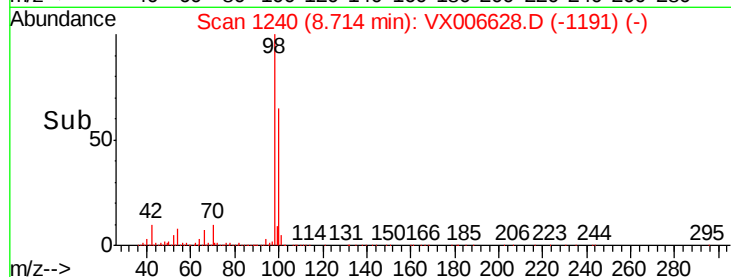
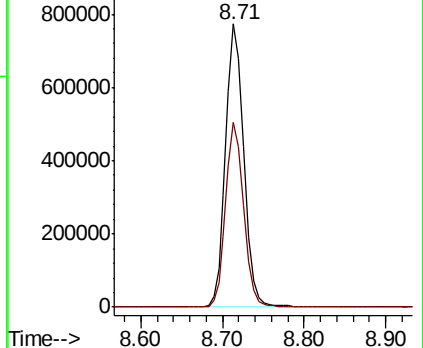
98 100

100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 49.767 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006628.D

Acq: 19 Dec 2018 05:38

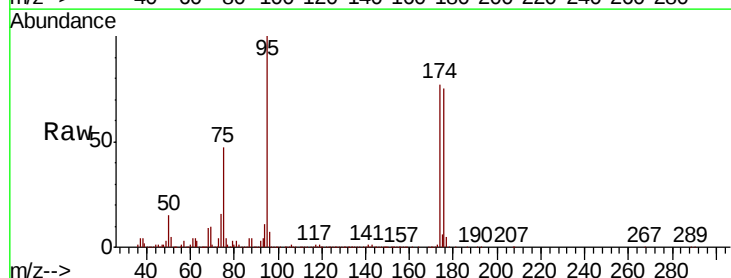
Tgt Ion: 95 Resp: 434286

Ion Ratio Lower Upper

95 100

174 83.3 0.0 187.0

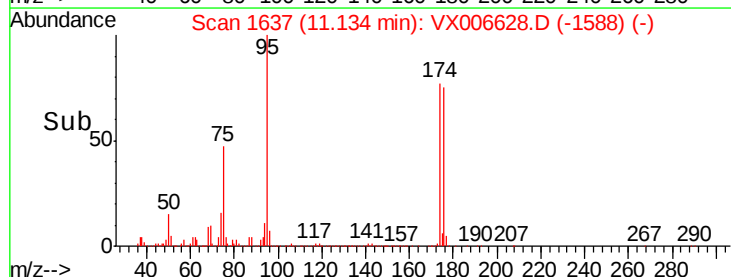
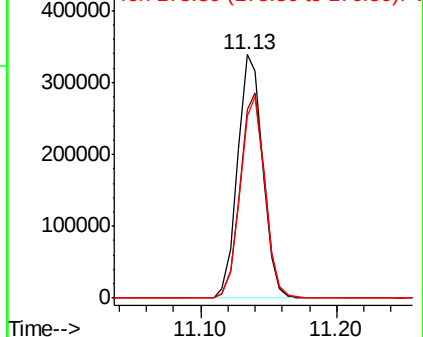
176 81.2 0.0 181.8

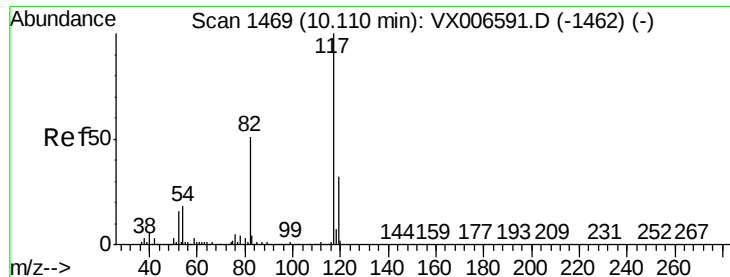


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

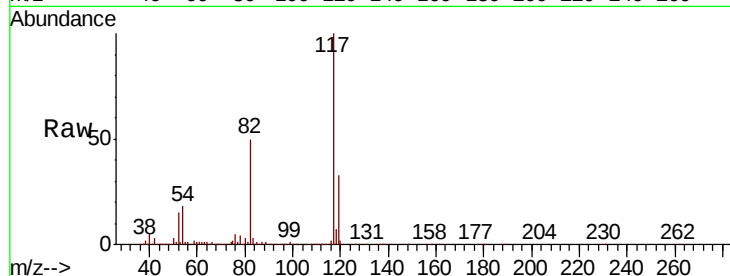




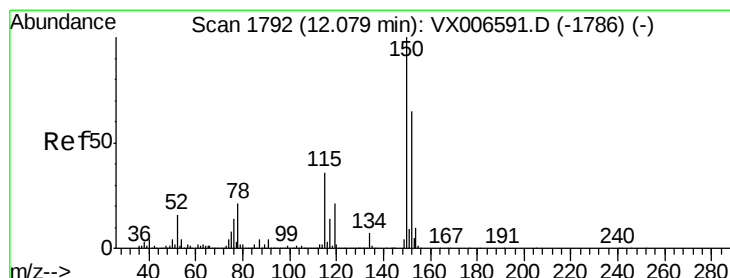
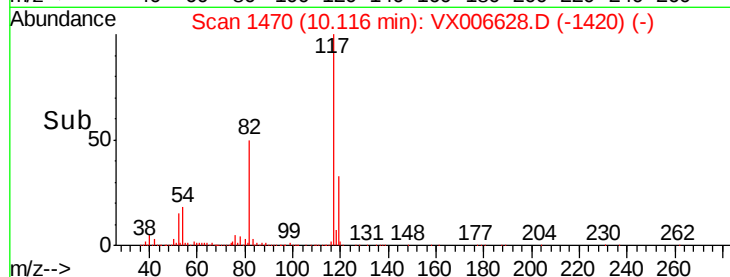
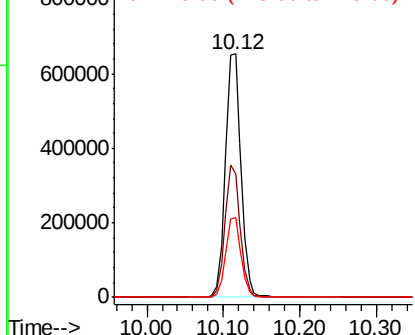
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006628.D
Acq: 19 Dec 2018 05:38

Instrument :
MSVOA_X
ClientSampleId :
MW-16D_R1

Tot Ion:117 Resp: 920700
Ion Ratio Lower Upper
117 100
82 50.4 39.6 59.4
119 32.6 26.3 39.5

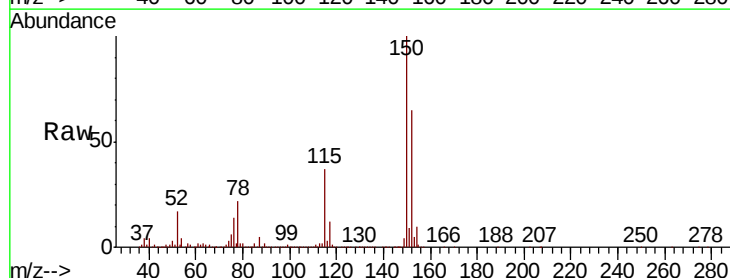


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006628.D
Acq: 19 Dec 2018 05:38

Tgt Ion:152 Resp: 434721
Ion Ratio Lower Upper
152 100
115 57.5 39.0 116.9
150 155.6 0.0 345.8



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

