

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006624.D
 Acq On : 19 Dec 2018 03:52
 Operator : JC/MD
 Sample : J6408-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20181208

Quant Time: Dec 19 11:29:23 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	628274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1002328	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	922046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	438528	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	347555	51.33	ug/l	0.00
Spiked Amount						
			Recovery	=	102.66%	
35) Dibromofluoromethane	5.51	113	300051	47.34	ug/l	0.00
Spiked Amount						
			Recovery	=	94.68%	
50) Toluene-d8	8.71	98	1200746	50.25	ug/l	0.00
Spiked Amount						
			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	11.13	95	432882	49.46	ug/l	0.00
Spiked Amount						
			Recovery	=	98.92%	

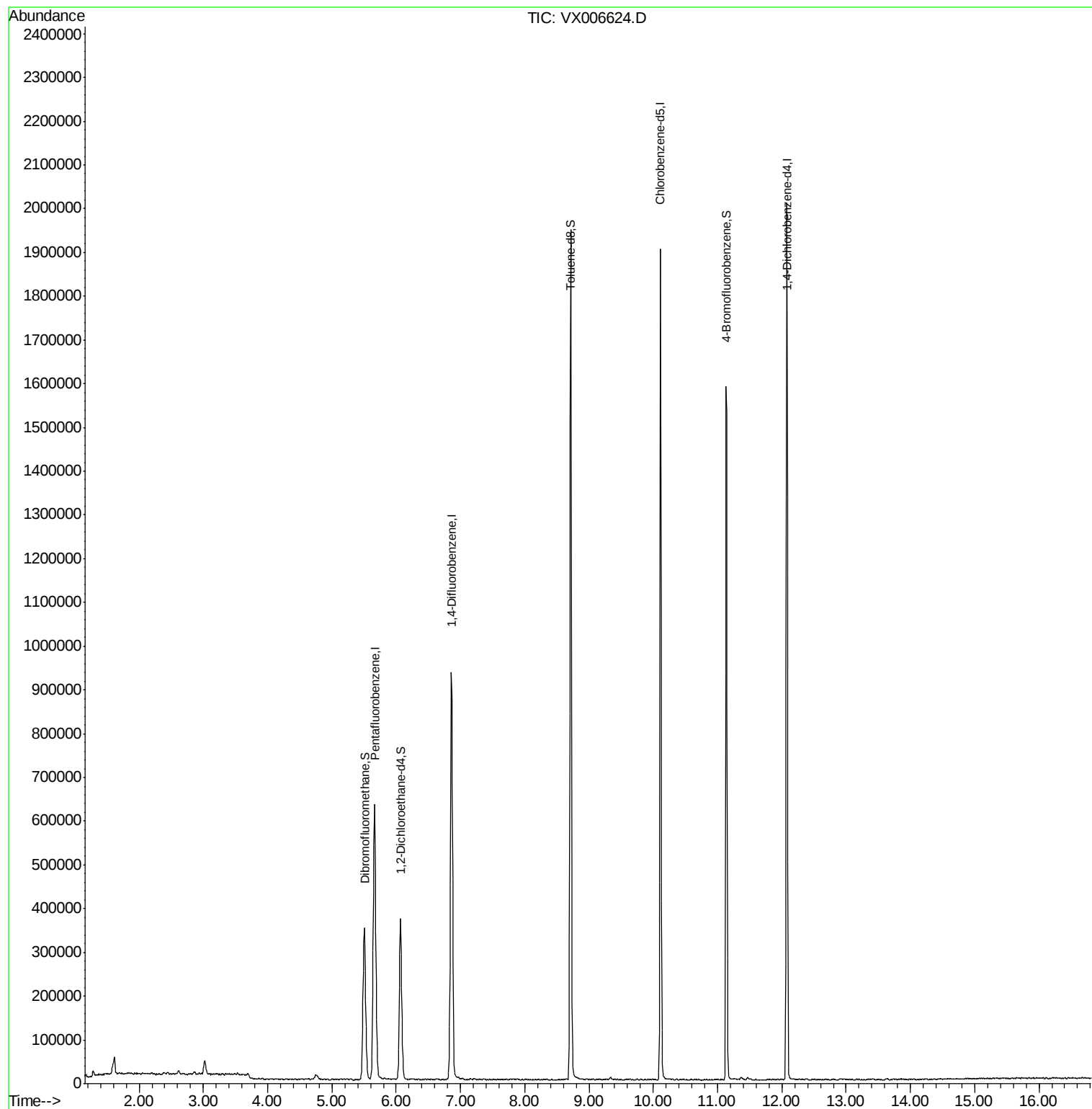
Target Compounds	Qvalue

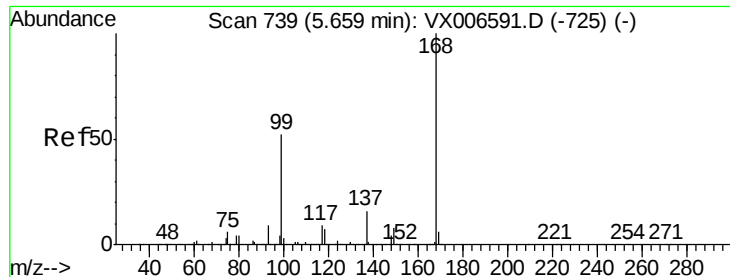
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006624.D

Acq: 19 Dec 2018 03:52

Instrument :

MSVOA_X

ClientSampleId :

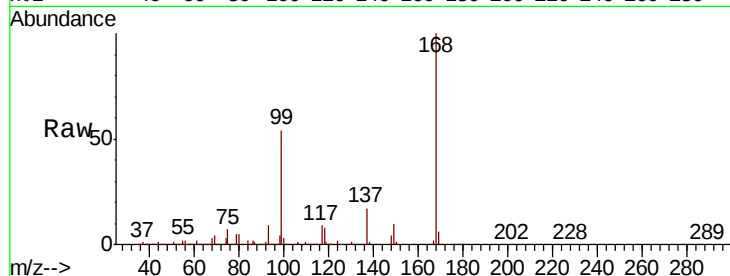
DUP01-20181208

Tot Ion:168 Resp: 628274

Ion Ratio Lower Upper

168 100

99 54.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006624.D (-690) (-)

Ion 98.90 (98.60 to 99.60): VX006624.D (-690) (-)

5.67

250000

200000

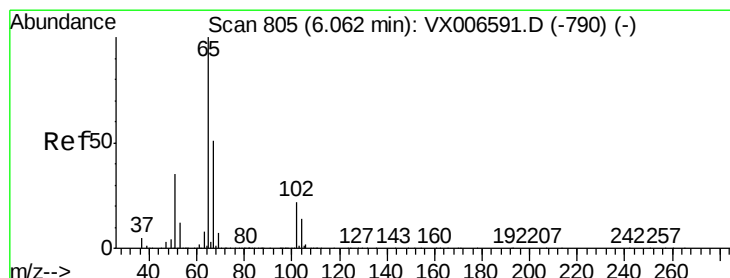
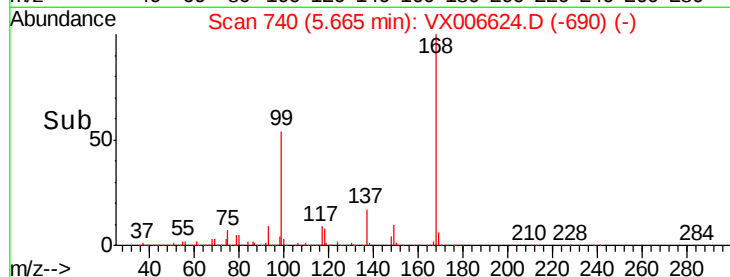
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.328 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006624.D

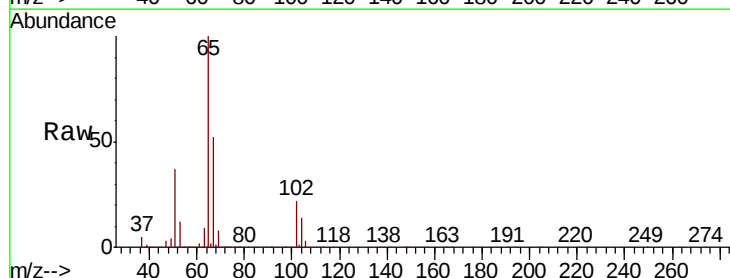
Acq: 19 Dec 2018 03:52

Tgt Ion: 65 Resp: 347555

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX006624.D (-756) (-)

Ion 66.90 (66.60 to 67.60): VX006624.D (-756) (-)

6.07

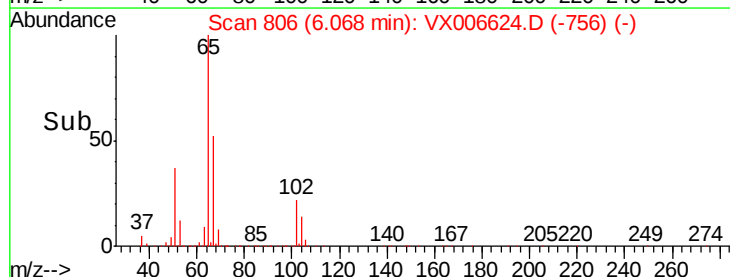
150000

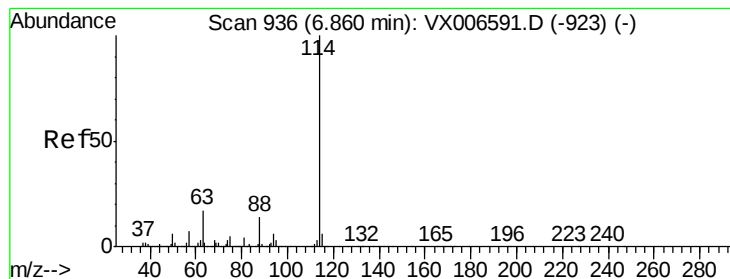
100000

50000

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: VX006624.D

Acq: 19 Dec 2018 03:52

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20181208

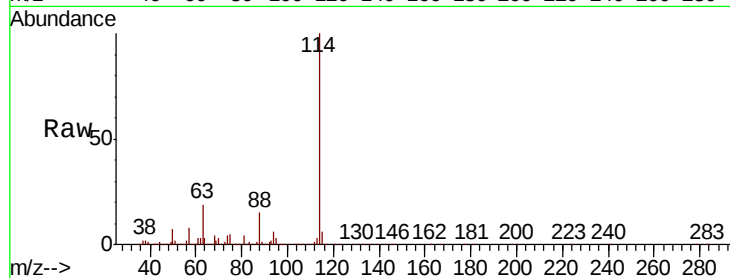
Tot Ion:114 Resp: 1002328

Ion Ratio Lower Upper

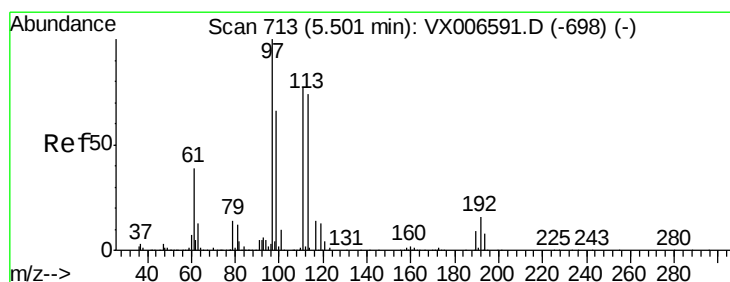
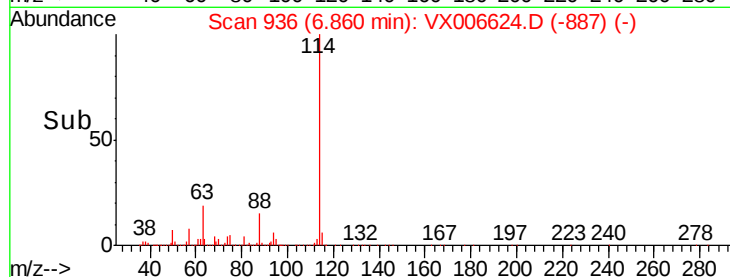
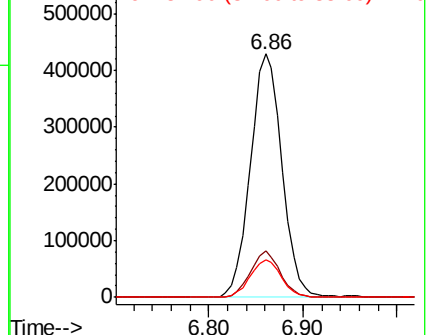
114 100

63 19.1 0.0 36.6

88 15.2 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: 47.338 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006624.D

Acq: 19 Dec 2018 03:52

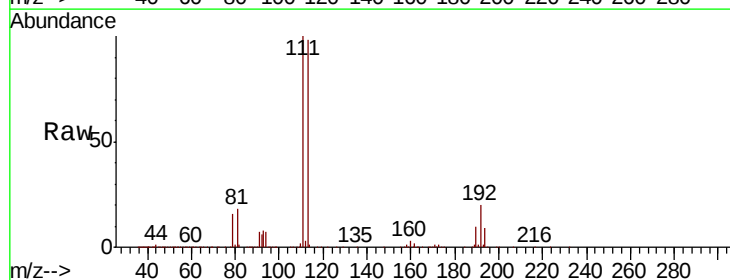
Tgt Ion:113 Resp: 300051

Ion Ratio Lower Upper

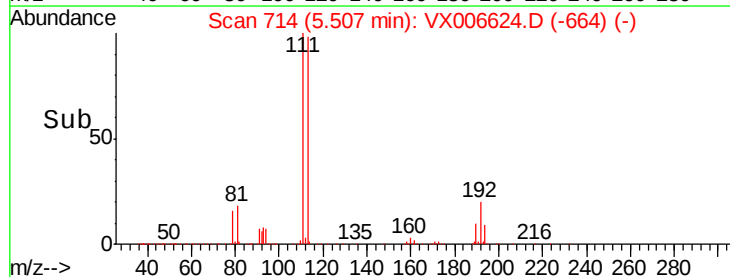
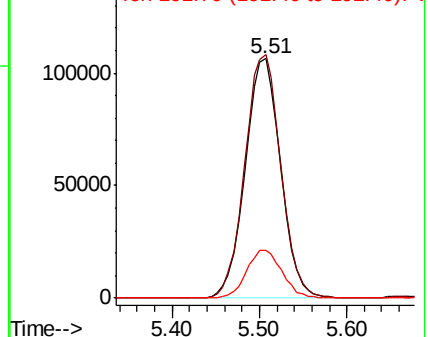
113 100

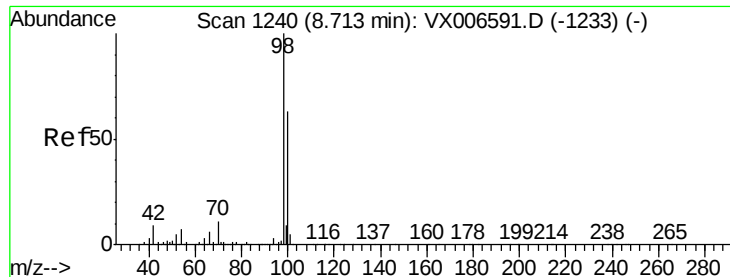
111 102.9 81.1 121.7

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: 50.248 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006624.D

Acq: 19 Dec 2018 03:52

Instrument :

MSVOA_X

ClientSampleId :

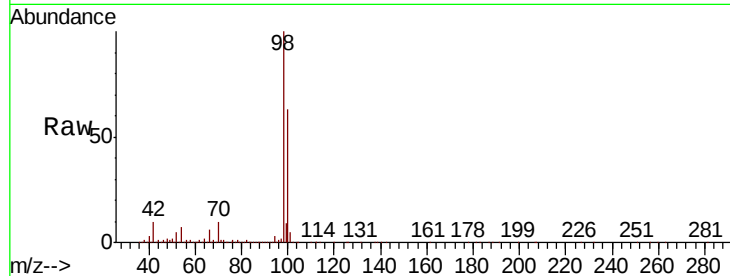
DUP01-20181208

Tot Ion: 98 Resp: 1200746

Ion Ratio Lower Upper

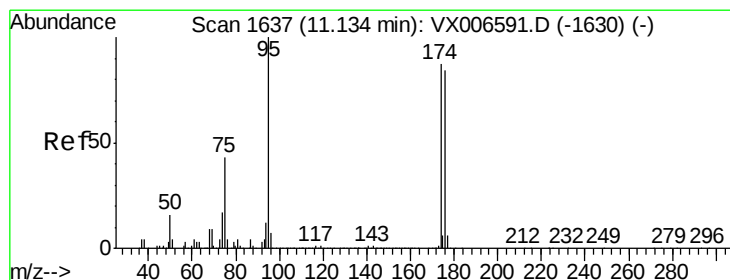
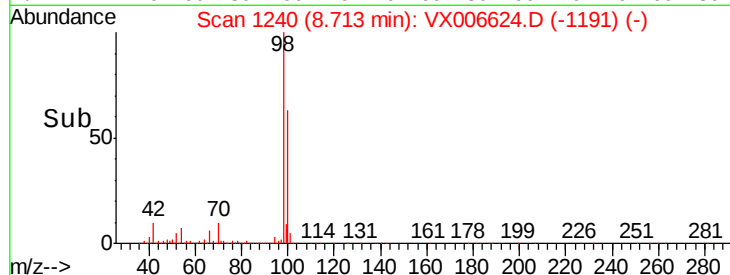
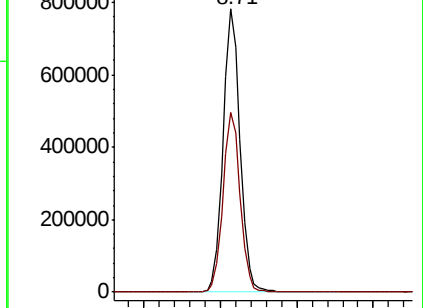
98 100

100 64.2 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: 49.462 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006624.D

Acq: 19 Dec 2018 03:52

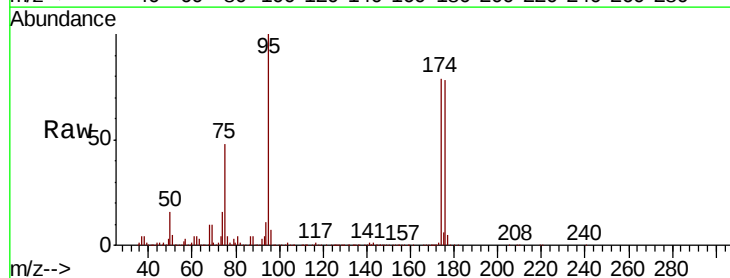
Tgt Ion: 95 Resp: 432882

Ion Ratio Lower Upper

95 100

174 85.5 0.0 187.0

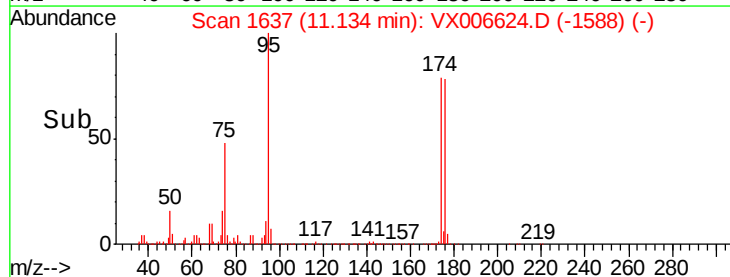
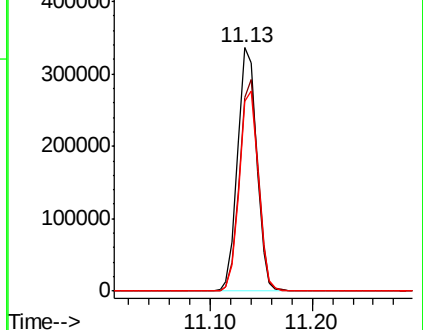
176 82.2 0.0 181.8

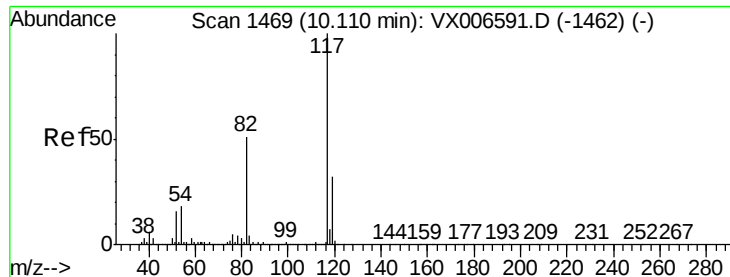


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

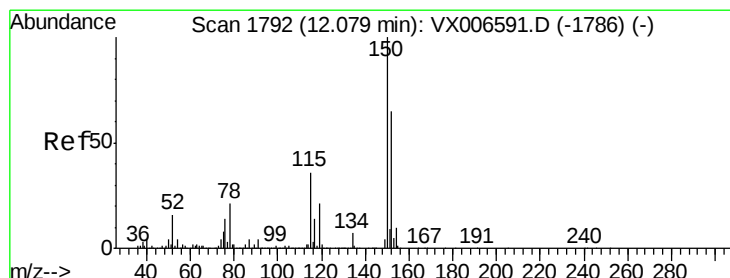
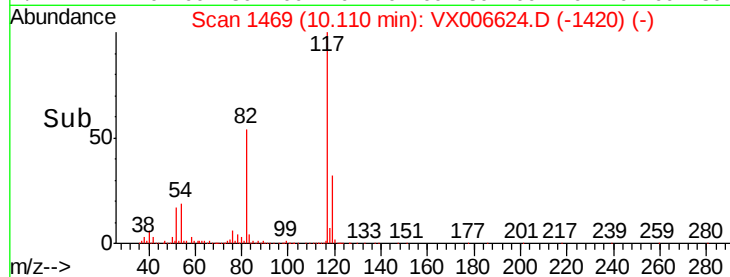
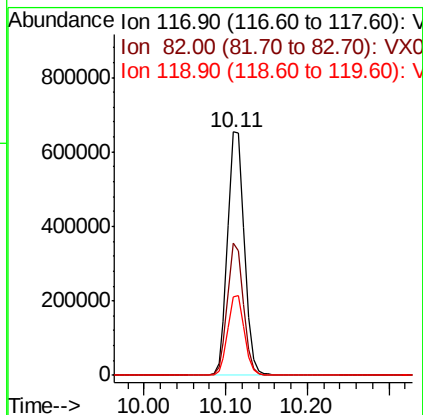
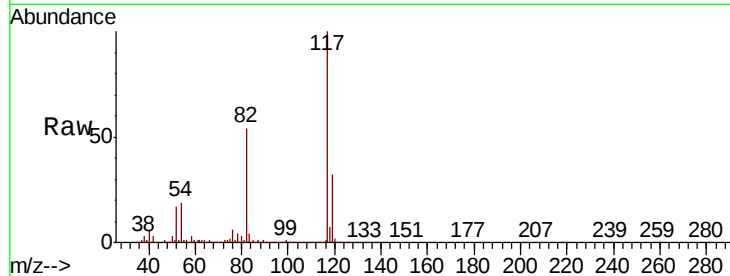




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006624.D
Acq: 19 Dec 2018 03:52

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20181208

Tot Ion:117 Resp: 922046
Ion Ratio Lower Upper
117 100
82 54.2 39.6 59.4
119 32.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006624.D
Acq: 19 Dec 2018 03:52

Tgt Ion:152 Resp: 438528
Ion Ratio Lower Upper
152 100
115 56.9 39.0 116.9
150 157.9 0.0 345.8

