

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021419\
 Data File : VX007531.D
 Acq On : 13 Feb 2019 20:04
 Operator : JC/SP
 Sample : K1460-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20190205

Quant Time: Feb 14 03:54:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	506570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	796963	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	740692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	354215	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	275239	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
35) Dibromofluoromethane	5.50	113	256275	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
50) Toluene-d8	8.71	98	941705	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.13	95	335020	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	

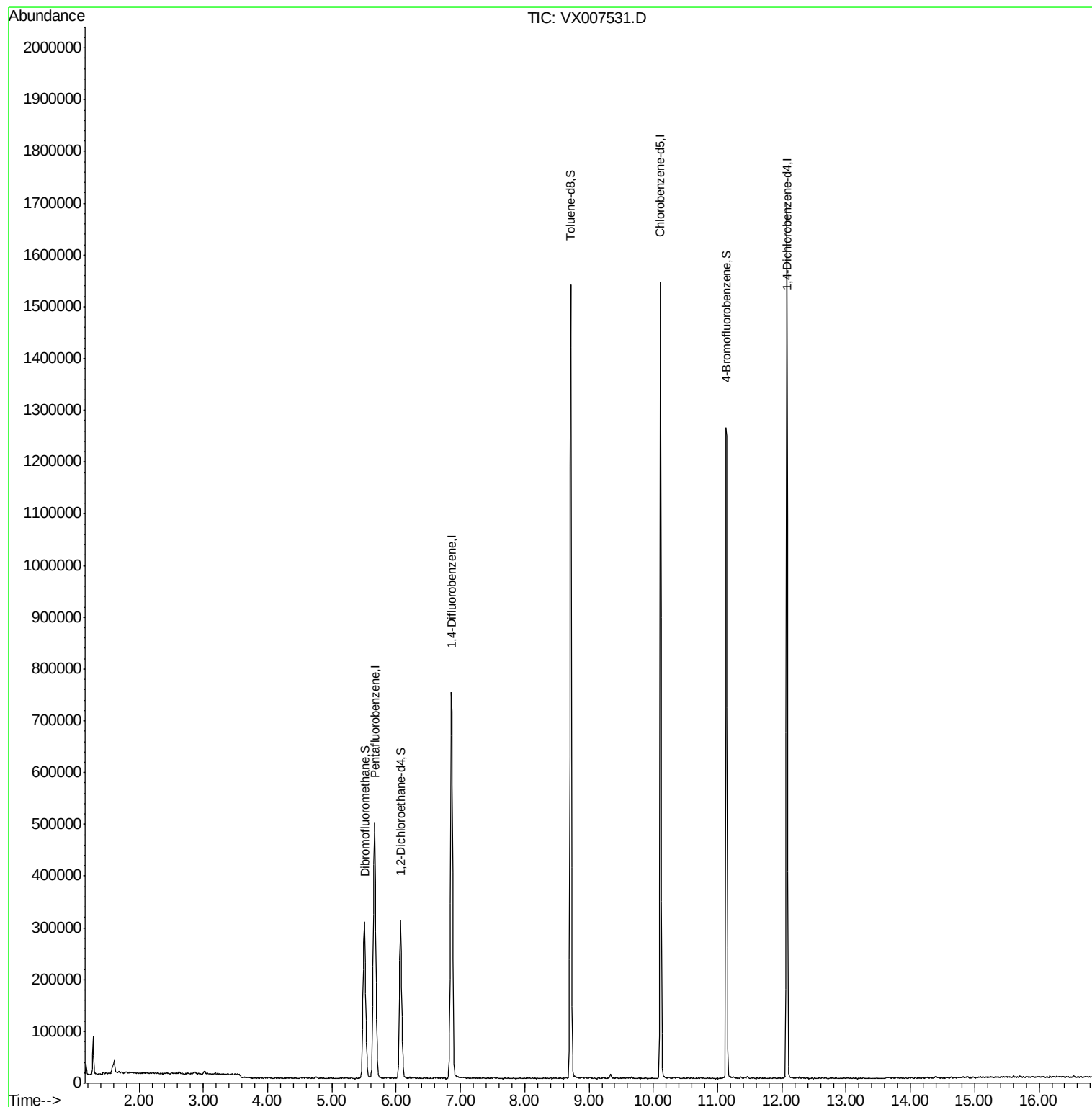
Target Compounds	Qvalue
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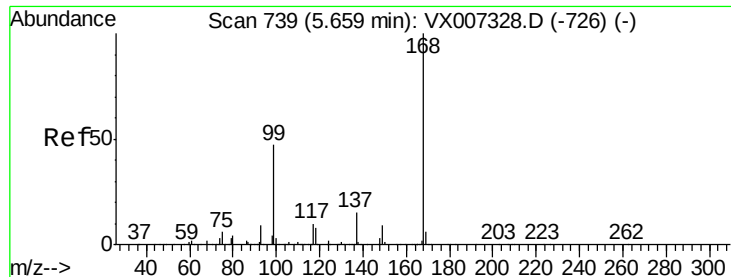
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007531.D

Acq: 13 Feb 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

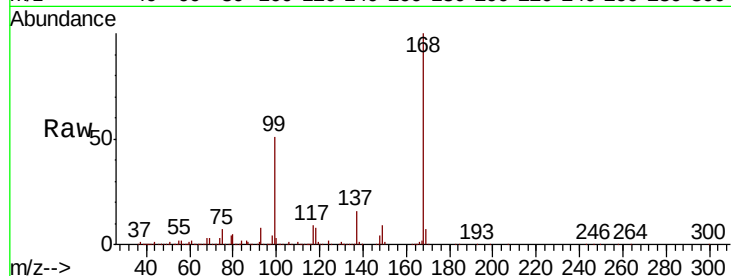
TB-20190205

Tot Ion:168 Resp: 506570

Ion Ratio Lower Upper

168 100

99 51.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

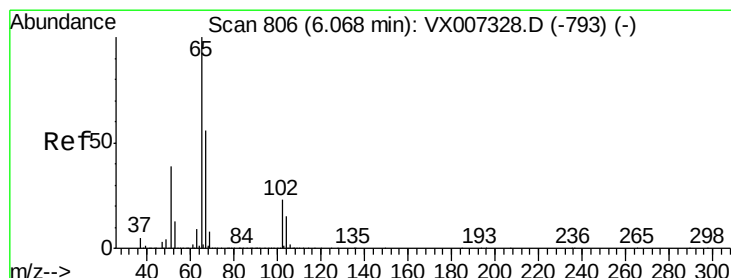
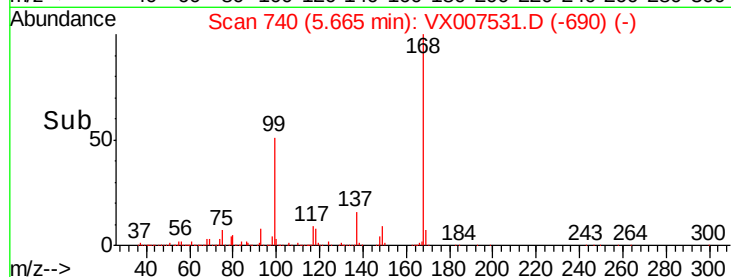
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.190 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007531.D

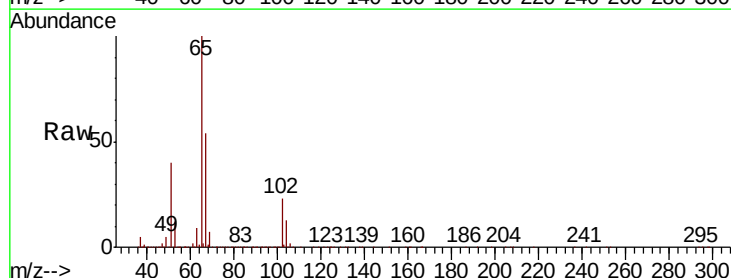
Acq: 13 Feb 2019 20:04

Tgt Ion: 65 Resp: 275239

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

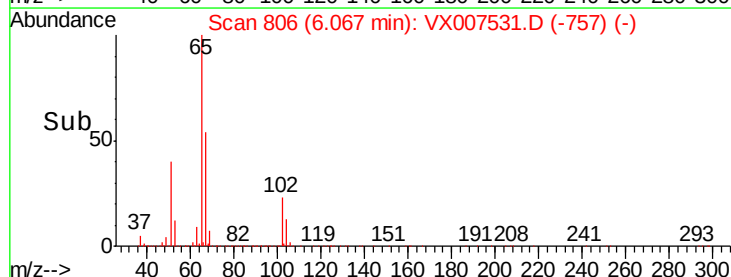
60000

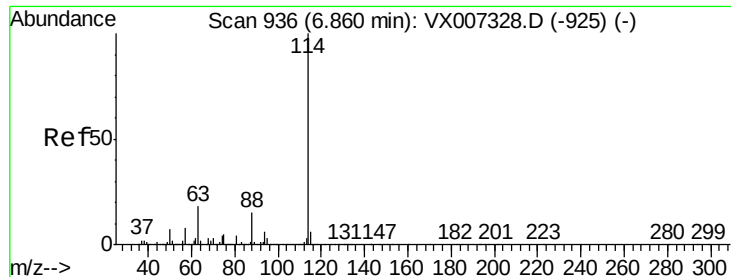
40000

20000

0

Time--> 6.00 6.10 6.20

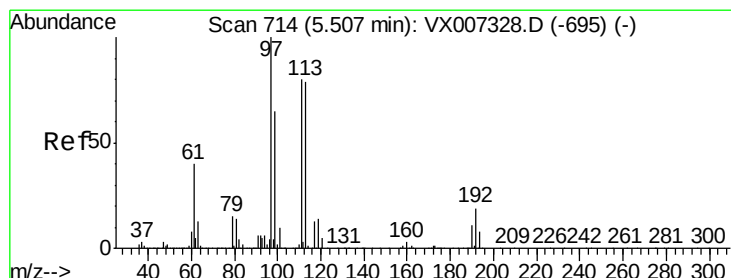
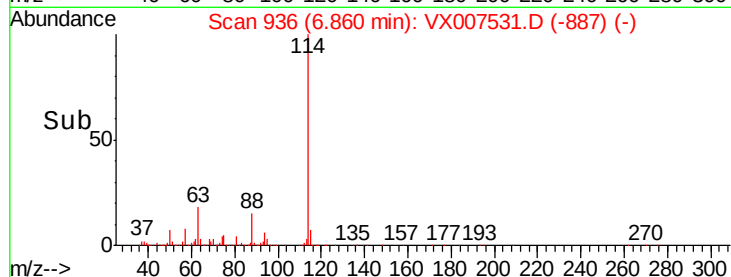
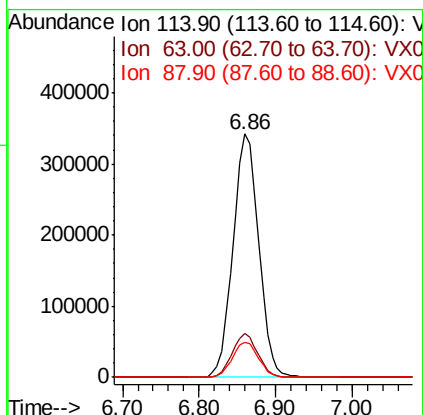
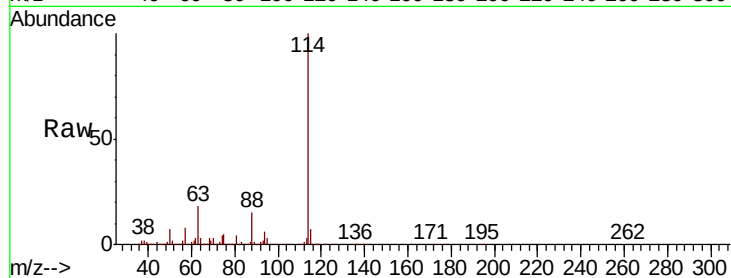




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007531.D
Acq: 13 Feb 2019 20:04

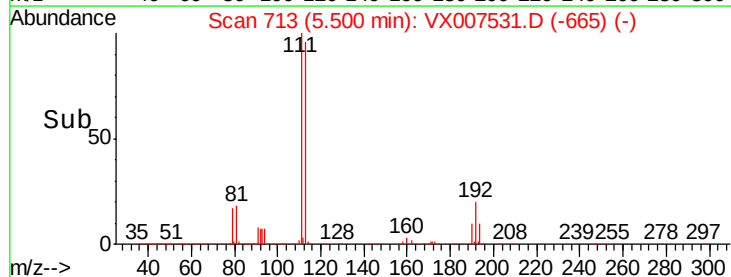
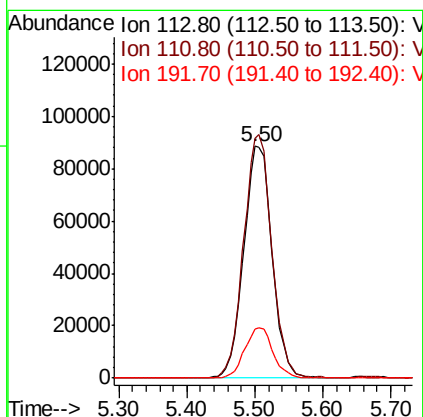
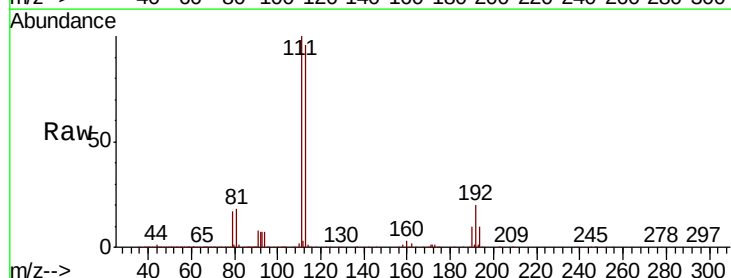
Instrument :
MSVOA_X
ClientSampleId :
TB-20190205

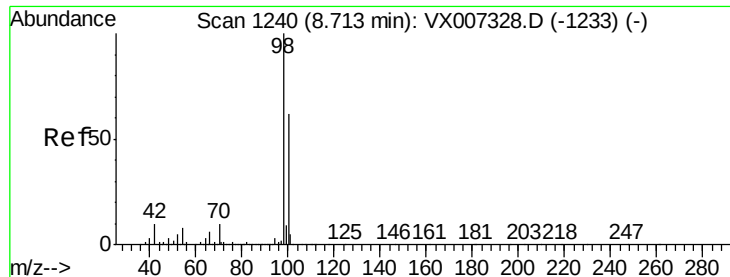
Tot Ion:114 Resp: 796963
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.6
88 14.5 0.0 29.6



#35
Dibromofluoromethane
Concen: 49.421 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX007531.D
Acq: 13 Feb 2019 20:04

Tgt Ion:113 Resp: 256275
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.8
192 21.7 18.5 27.7





#50

Toluene-d8

Concen: 48.947 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007531.D

Acq: 13 Feb 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

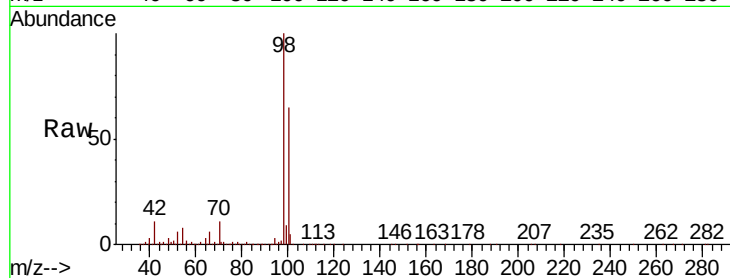
TB-20190205

Tot Ion: 98 Resp: 941705

Ion Ratio Lower Upper

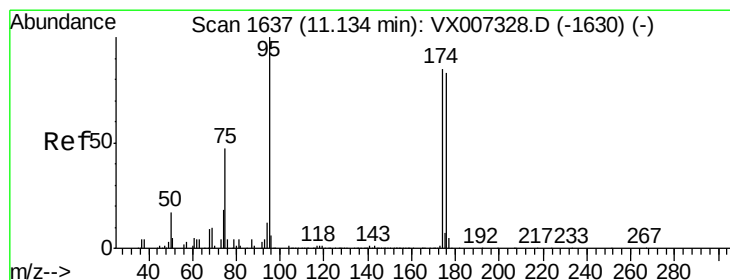
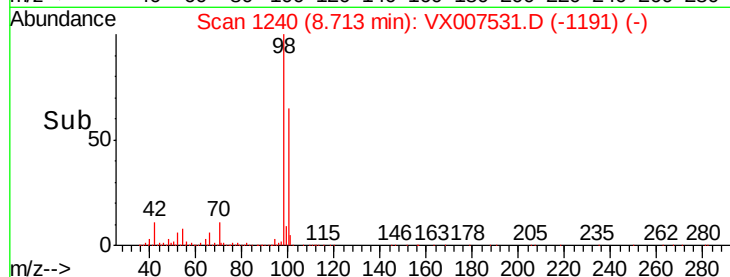
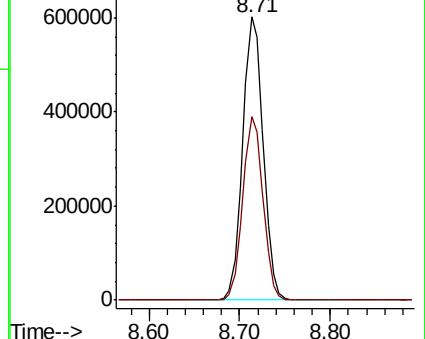
98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 47.695 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007531.D

Acq: 13 Feb 2019 20:04

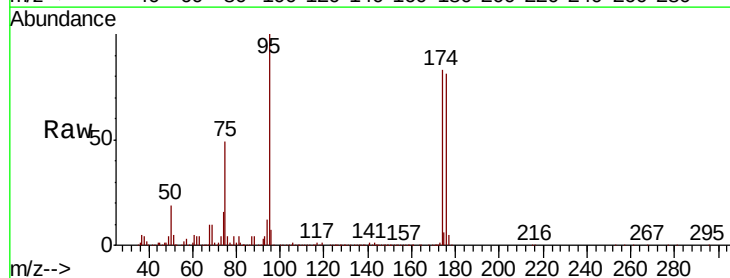
Tgt Ion: 95 Resp: 335020

Ion Ratio Lower Upper

95 100

174 90.0 0.0 189.2

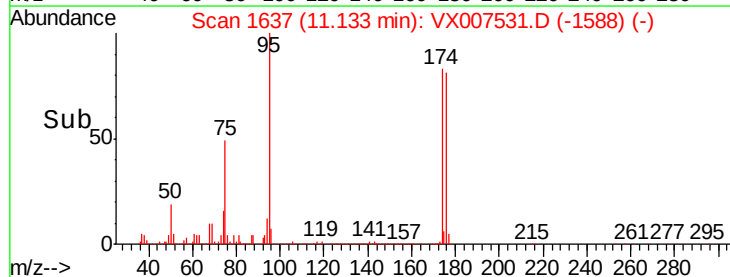
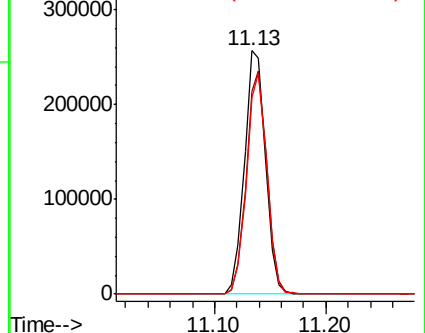
176 87.5 0.0 186.2

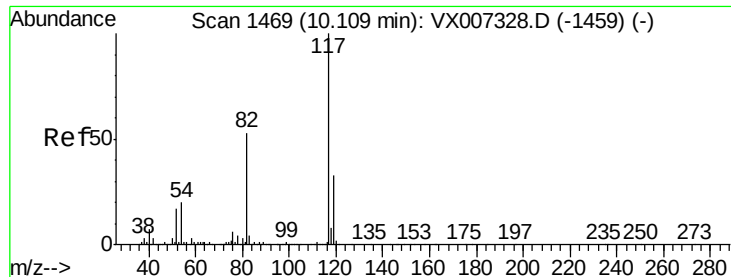


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

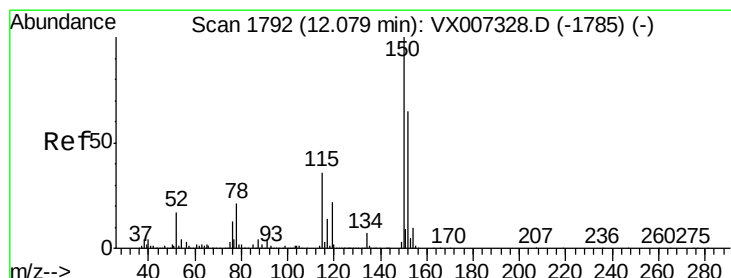
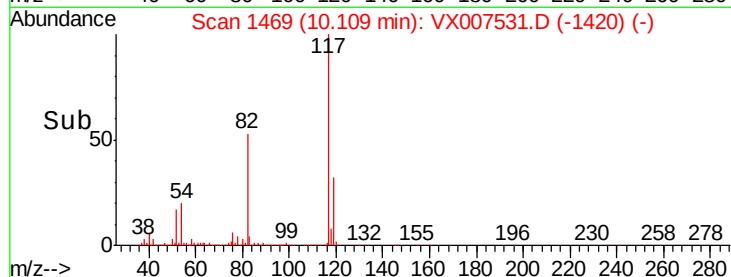
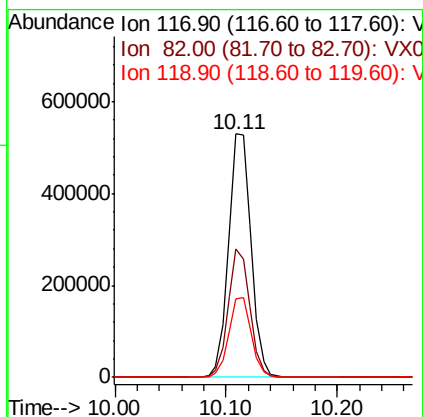
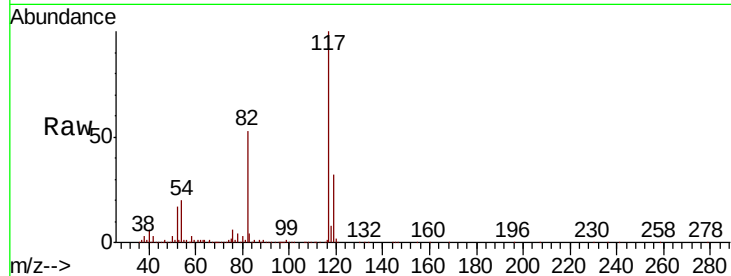




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007531.D
Acq: 13 Feb 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
TB-20190205

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.1	63.1
119	32.2	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007531.D
Acq: 13 Feb 2019 20:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	38.0	114.0
150	156.9	0.0	346.4

