

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021819\
 Data File : VX007585.D
 Acq On : 18 Feb 2019 13:45
 Operator : JC/SP
 Sample : PB117186TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB117186TB

Quant Time: Feb 19 04:53:28 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	5.67	168	488698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	766861	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	734027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	345140	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	272118	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
35) Dibromofluoromethane	5.50	113	256276	51.36	ug/l	0.00
Spiked Amount			Recovery	=	102.72%	
50) Toluene-d8	8.71	98	933349	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.13	95	322729	47.75	ug/l	0.00
Spiked Amount			Recovery	=	95.50%	

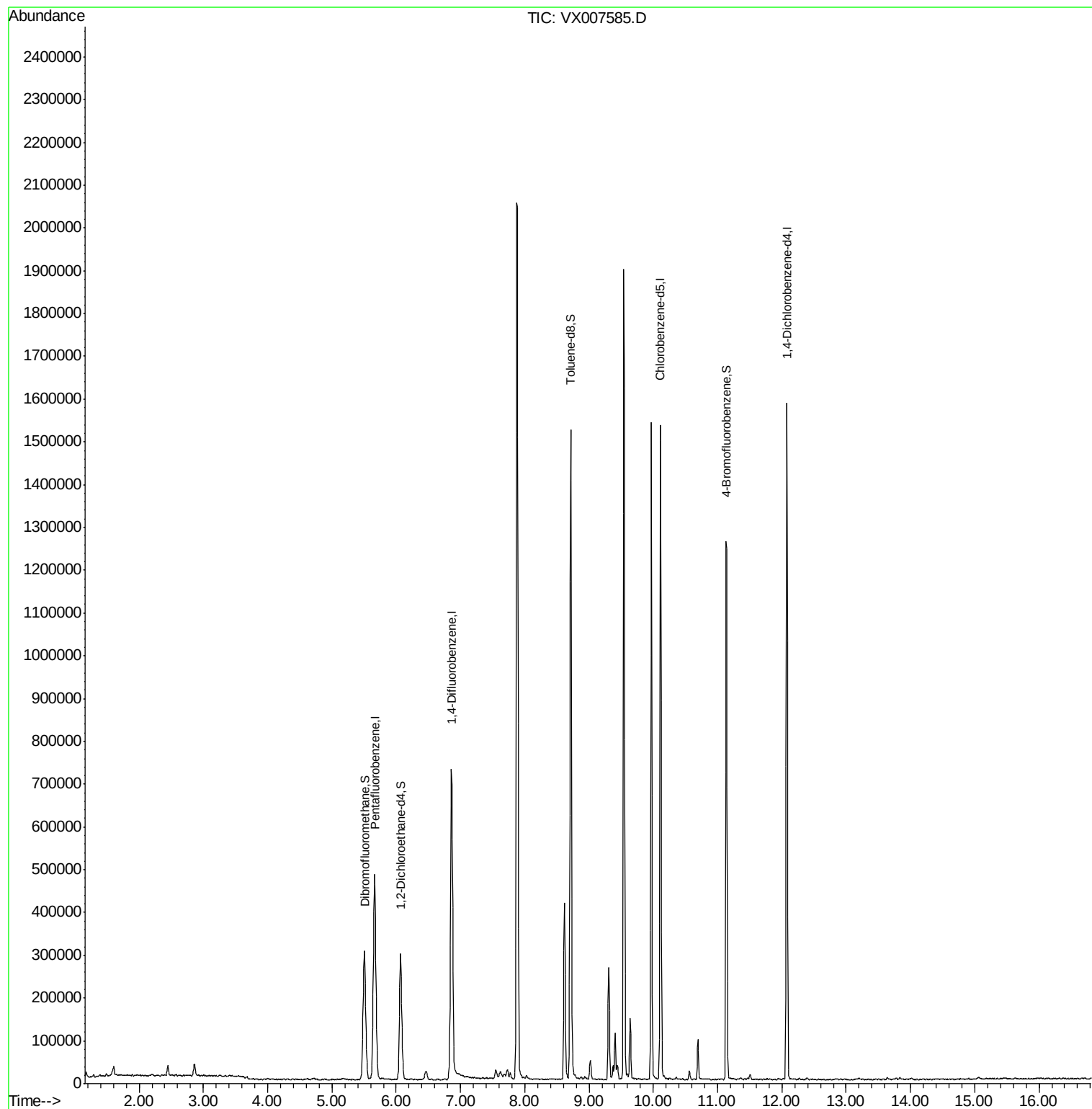
Target Compounds	Qvalue
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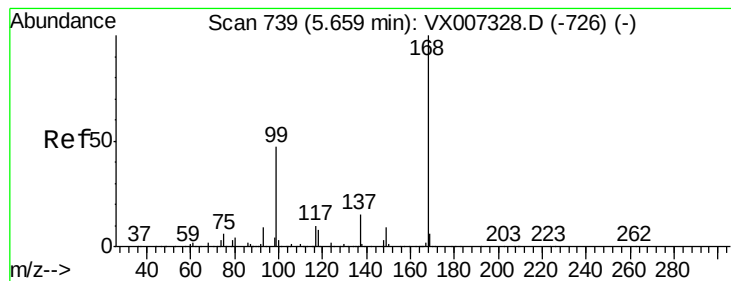
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007585.D

Acq: 18 Feb 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

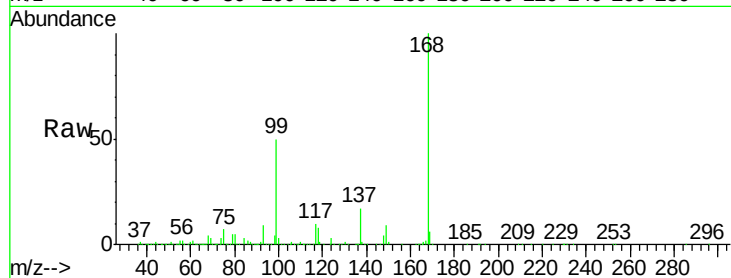
PB117186TB

Tot Ion:168 Resp: 488698

Ion Ratio Lower Upper

168 100

99 49.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

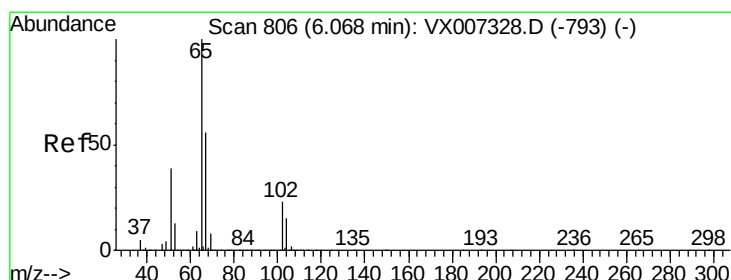
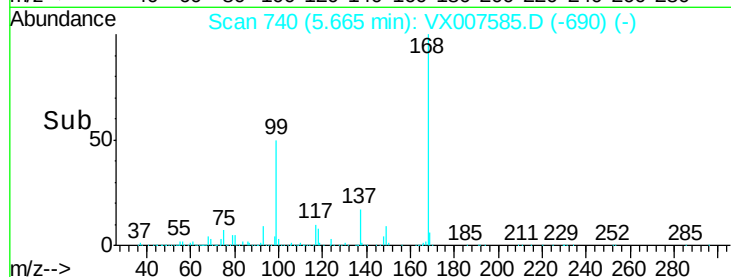
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.460 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007585.D

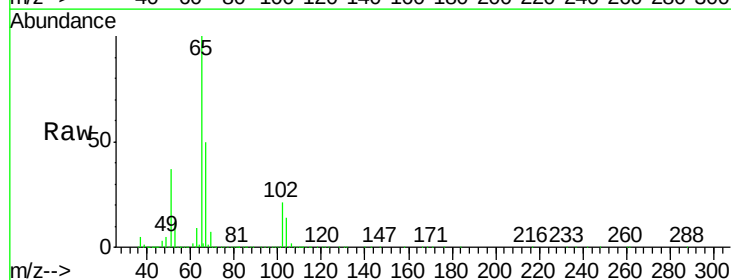
Acq: 18 Feb 2019 13:45

Tgt Ion: 65 Resp: 272118

Ion Ratio Lower Upper

65 100

67 53.4 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

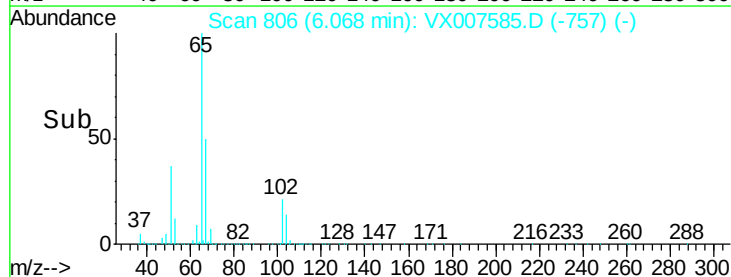
60000

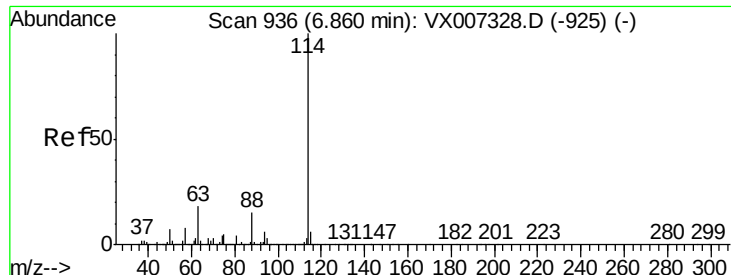
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

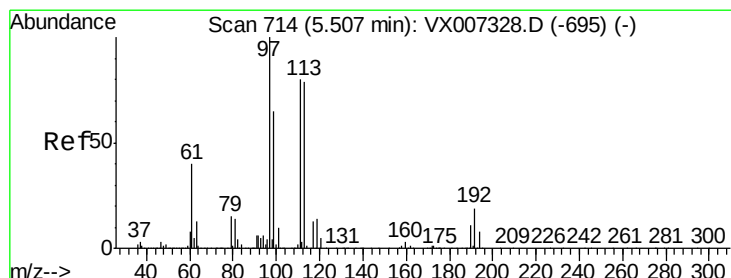
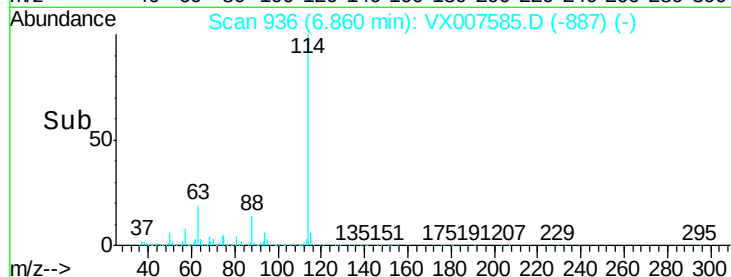
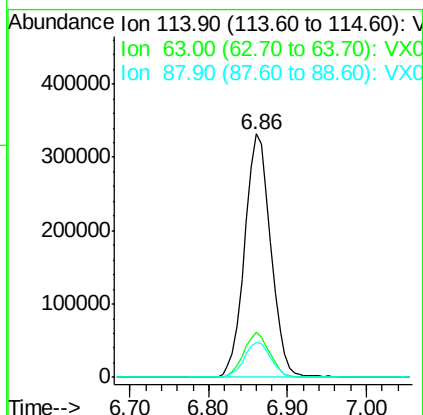
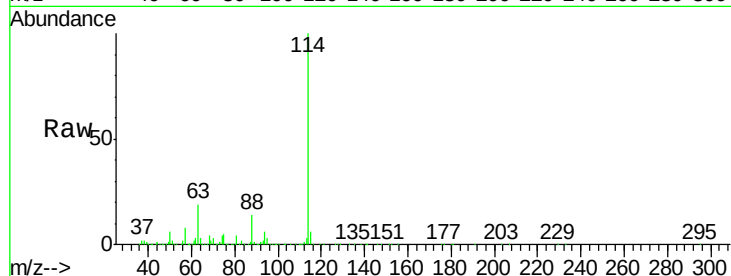




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007585.D
 Acq: 18 Feb 2019 13:45

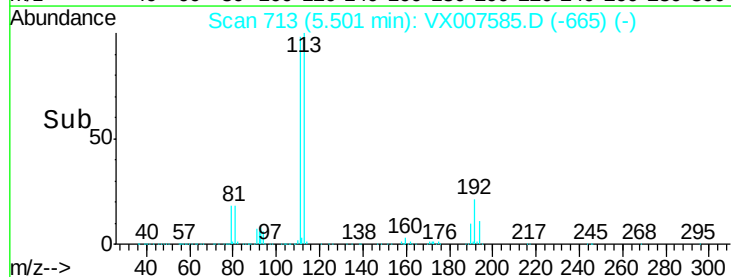
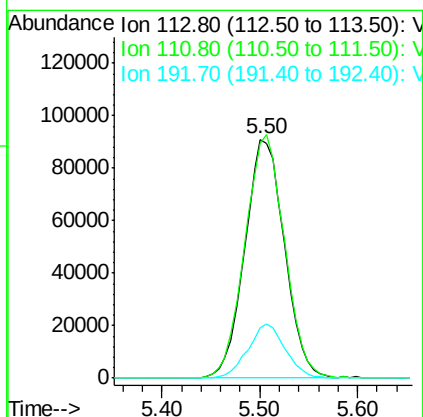
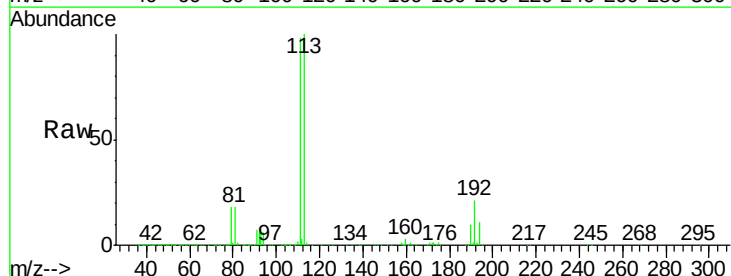
Instrument :
 MSVOA_X
 ClientSampleId :
 PB117186TB

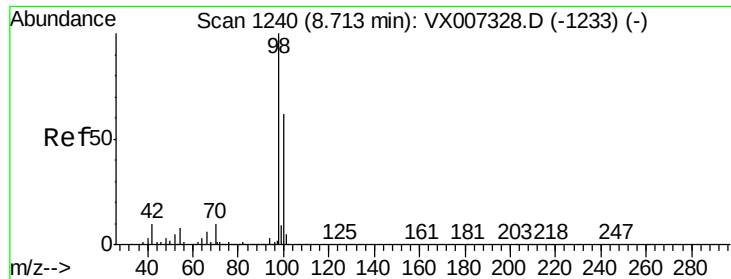
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	35.6
88	14.4	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 51.361 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX007585.D
 Acq: 18 Feb 2019 13:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.8	122.8
192	21.6	18.5	27.7





#50

Toluene-d8

Concen: 50.417 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007585.D

Acq: 18 Feb 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

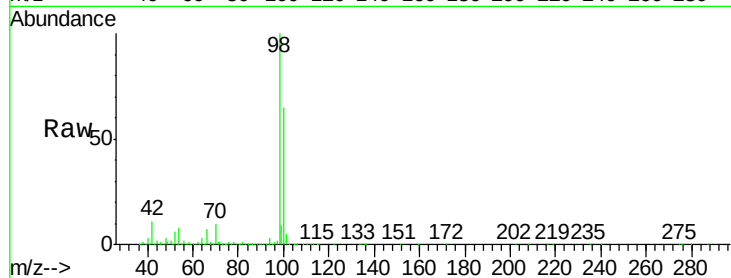
PB117186TB

Tot Ion: 98 Resp: 933349

Ion Ratio Lower Upper

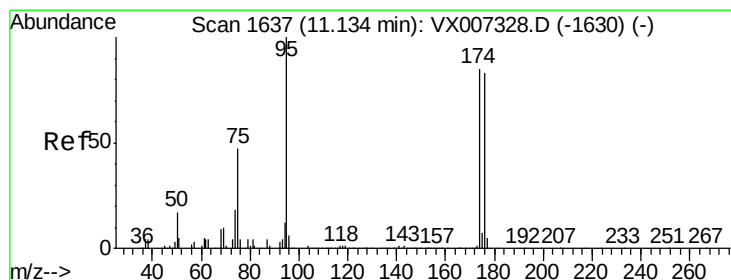
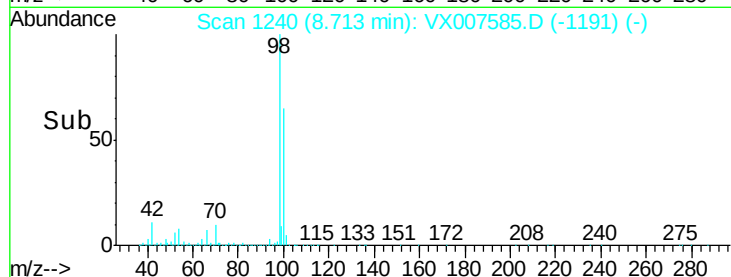
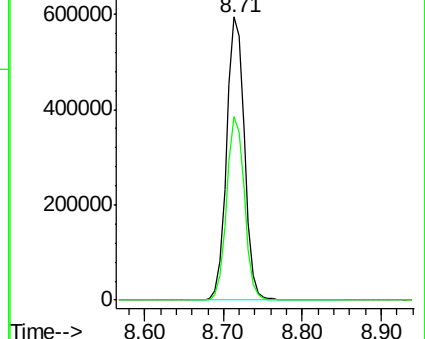
98 100

100 64.4 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: 47.748 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007585.D

Acq: 18 Feb 2019 13:45

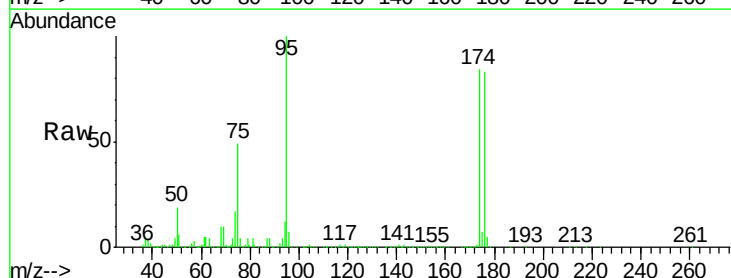
Tgt Ion: 95 Resp: 322729

Ion Ratio Lower Upper

95 100

174 93.7 0.0 189.2

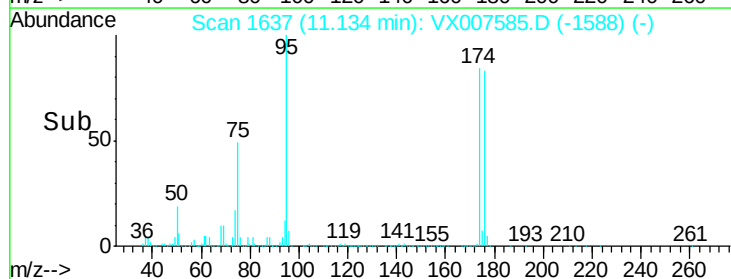
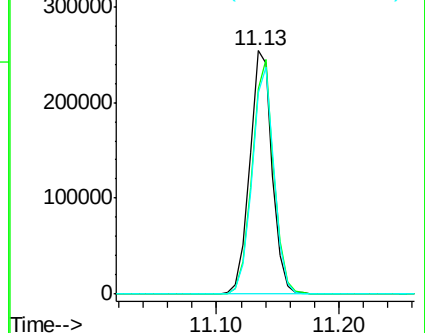
176 91.8 0.0 186.2

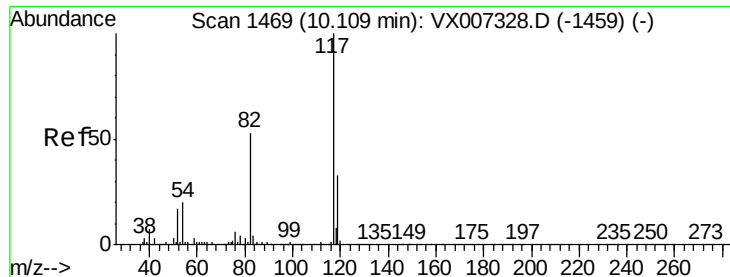


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

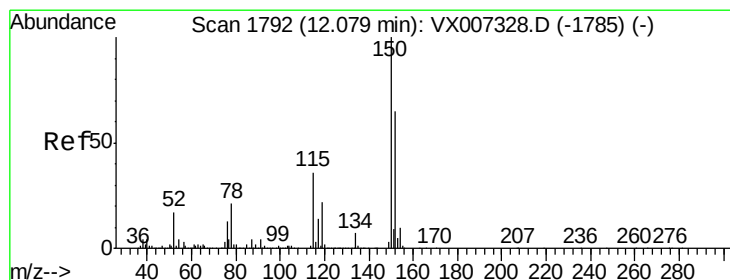
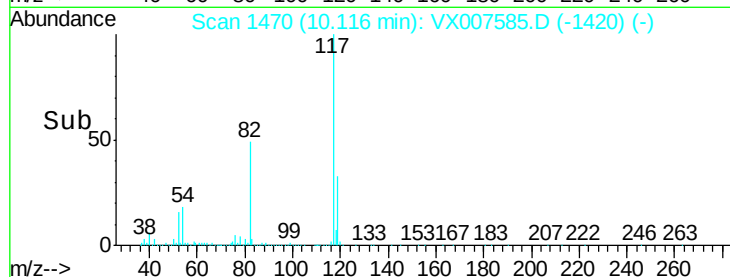
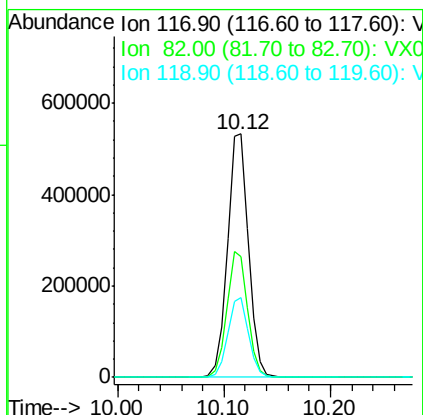
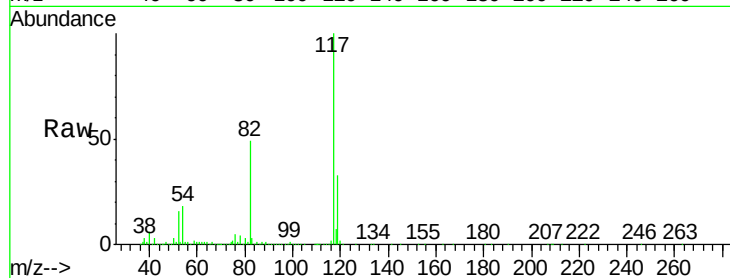




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007585.D
Acq: 18 Feb 2019 13:45

Instrument :
MSVOA_X
ClientSampleId :
PB117186TB

Tot Ion:117 Resp: 734027
Ion Ratio Lower Upper
117 100
82 49.3 42.1 63.1
119 32.5 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: VX007585.D
Acq: 18 Feb 2019 13:45

Tgt Ion:152 Resp: 345140
Ion Ratio Lower Upper
152 100
115 55.0 38.0 114.0
150 157.3 0.0 346.4

