

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008207.D
 Acq On : 19 Mar 2019 23:03
 Operator : JC/SP
 Sample : VX0319WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBL02

Quant Time: Mar 20 08:29:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	342206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	551073	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	475745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193786	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	236982	45.98	ug/l	0.00
Spiked Amount						
			Recovery	=	91.96%	
35) Dibromofluoromethane	5.50	113	171590	46.51	ug/l	0.00
Spiked Amount						
			Recovery	=	93.02%	
50) Toluene-d8	8.71	98	684623	48.95	ug/l	0.00
Spiked Amount						
			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.13	95	222278	46.16	ug/l	0.00
Spiked Amount						
			Recovery	=	92.32%	

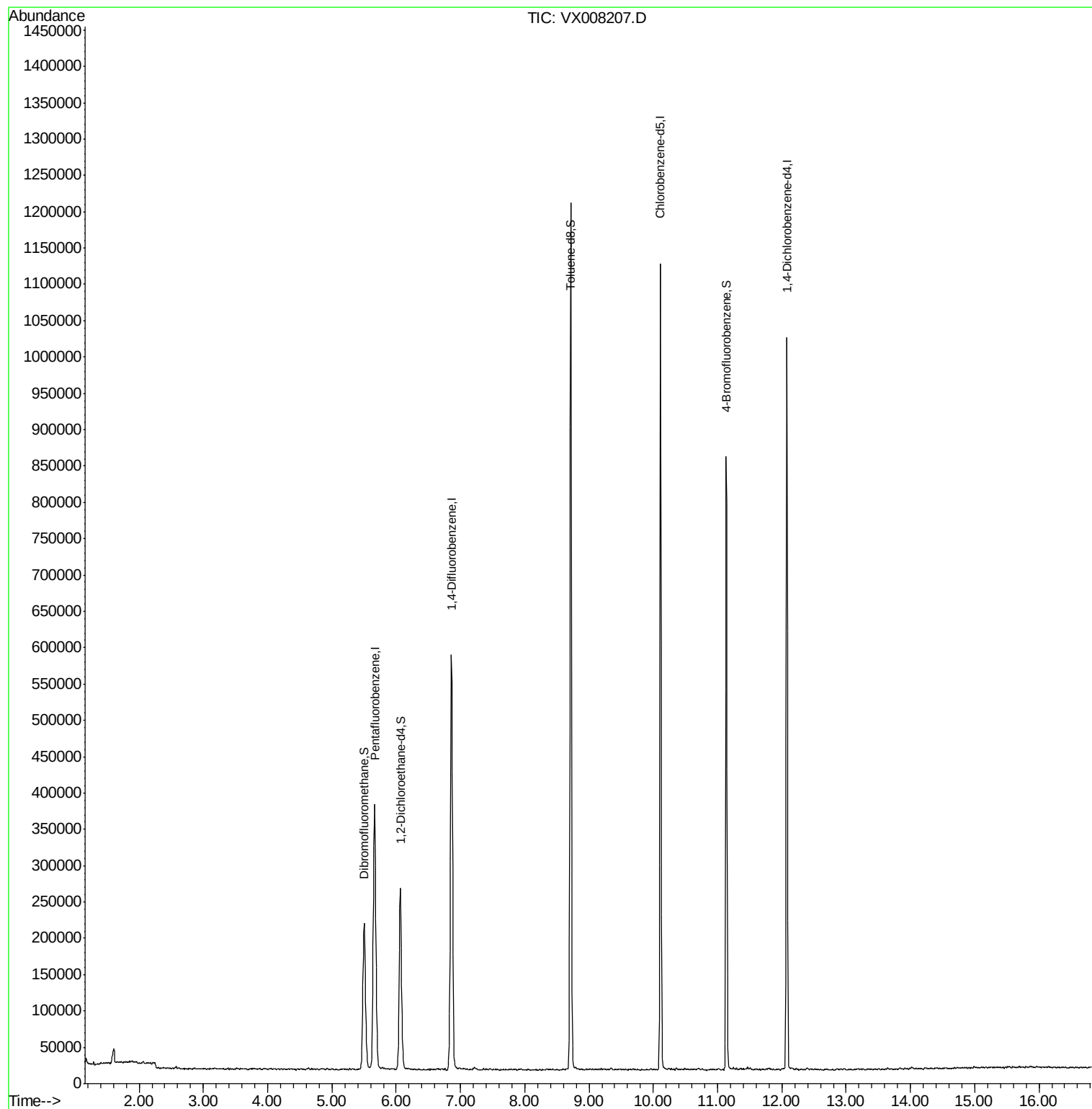
Target Compounds	Qvalue

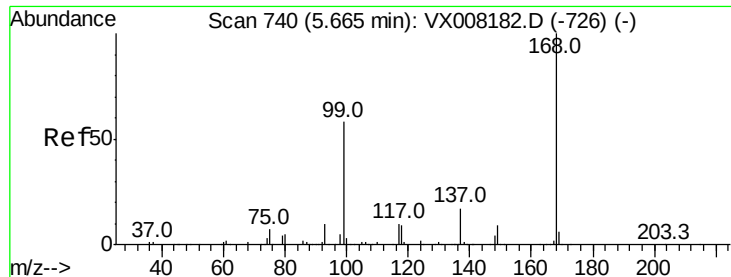
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008207.D

Acq: 19 Mar 2019 23:03

Instrument :

MSVOA_X

ClientSampleId :

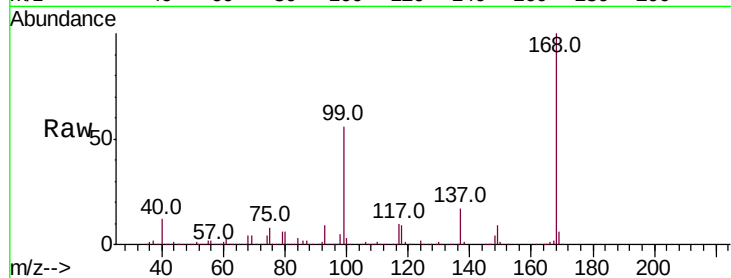
VX0319WBL02

Tot Ion:168 Resp: 342206

Ion Ratio Lower Upper

168 100

99 56.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

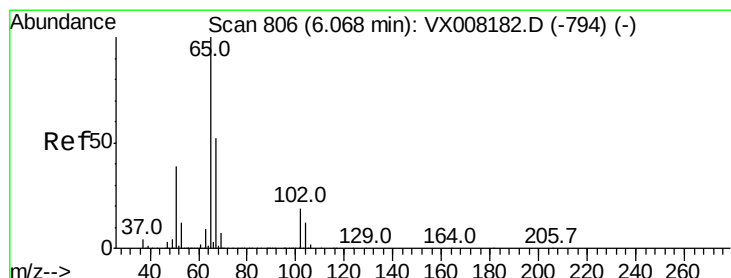
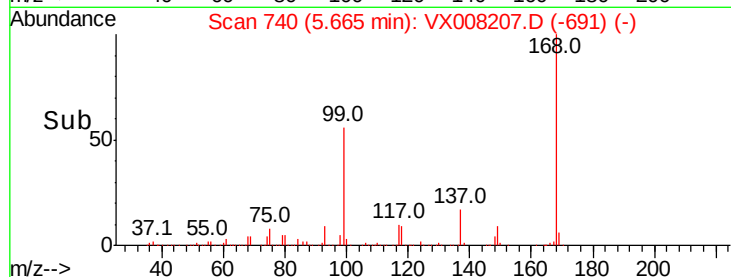
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.981 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008207.D

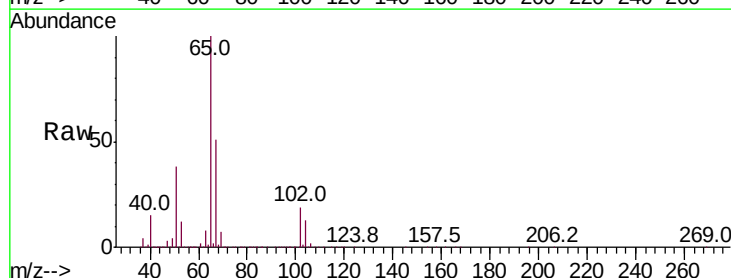
Acq: 19 Mar 2019 23:03

Tgt Ion: 65 Resp: 236982

Ion Ratio Lower Upper

65 100

67 52.6 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

100000

80000

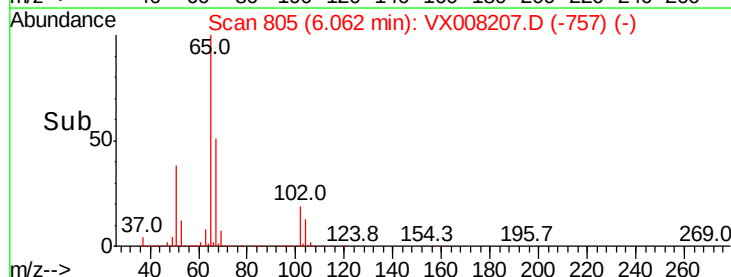
60000

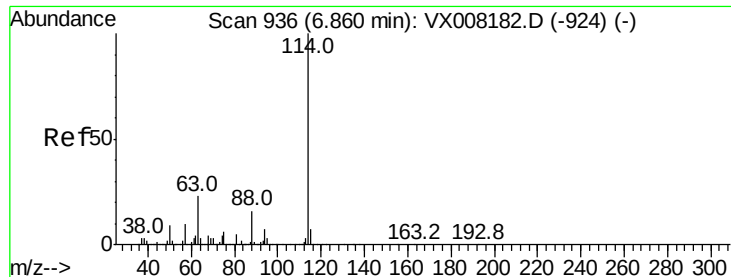
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

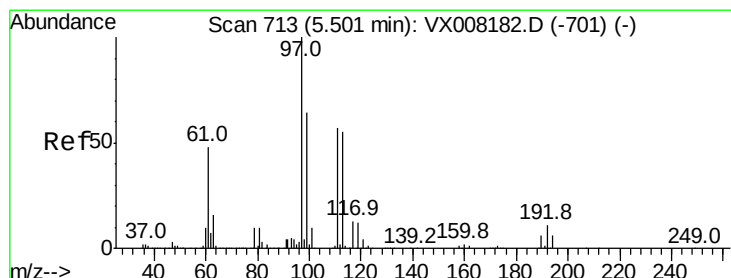
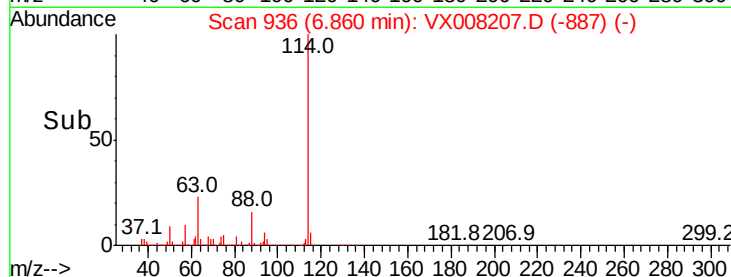
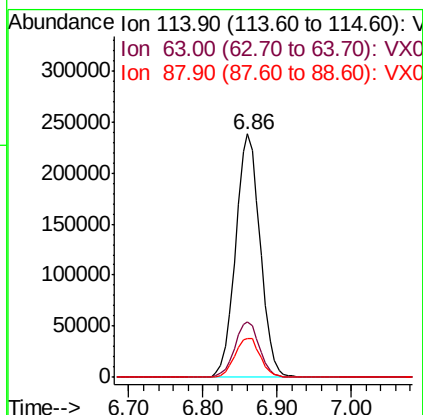
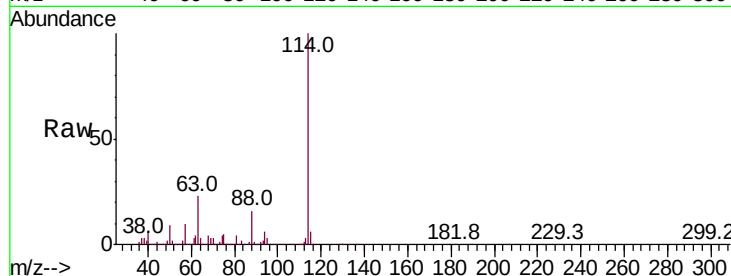




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008207.D
 Acq: 19 Mar 2019 23:03

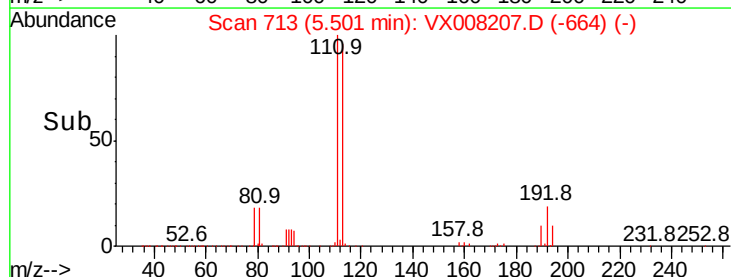
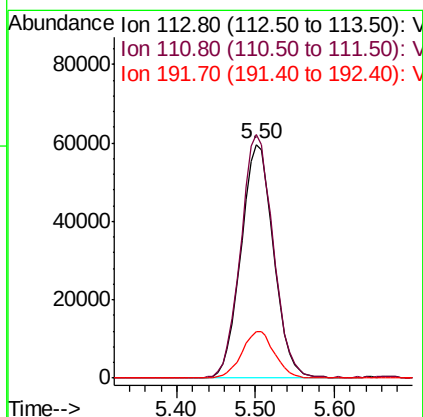
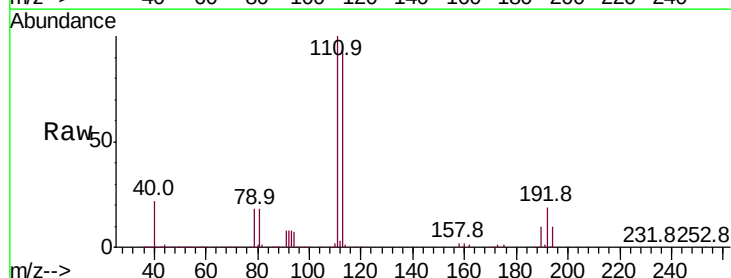
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBL02

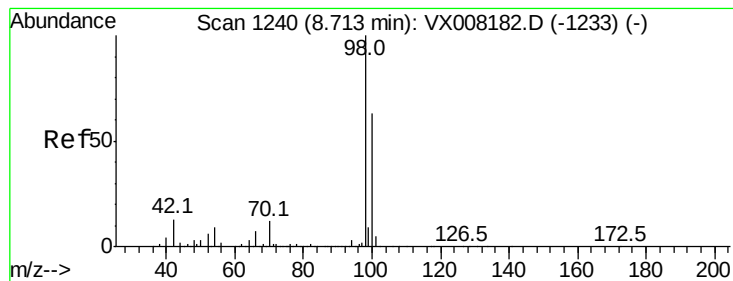
Tot Ion:114 Resp: 551073
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 39.8
 88 16.0 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 46.513 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008207.D
 Acq: 19 Mar 2019 23:03

Tgt Ion:113 Resp: 171590
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.4 122.0
 192 20.1 19.4 29.0





#50

Toluene-d8

Concen: 48.949 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008207.D

Acq: 19 Mar 2019 23:03

Instrument :

MSVOA_X

ClientSampleId :

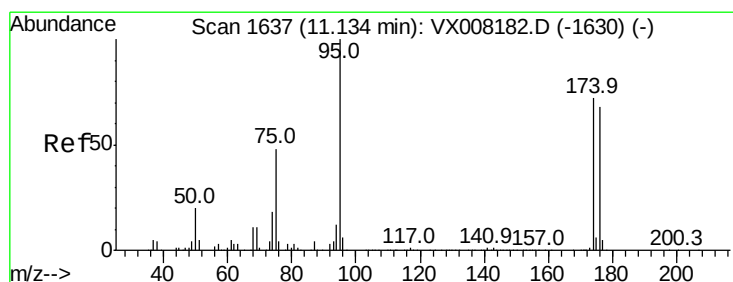
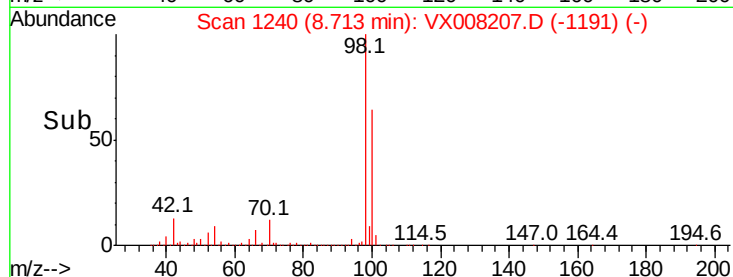
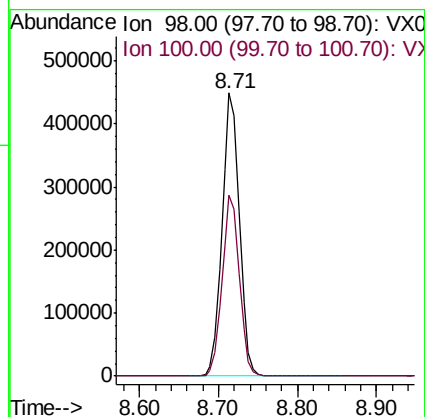
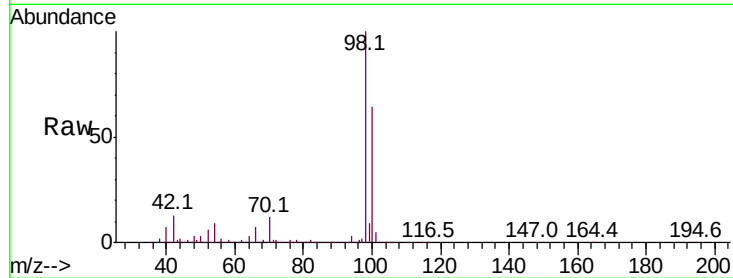
VX0319WBL02

Tot Ion: 98 Resp: 684623

Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 46.155 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008207.D

Acq: 19 Mar 2019 23:03

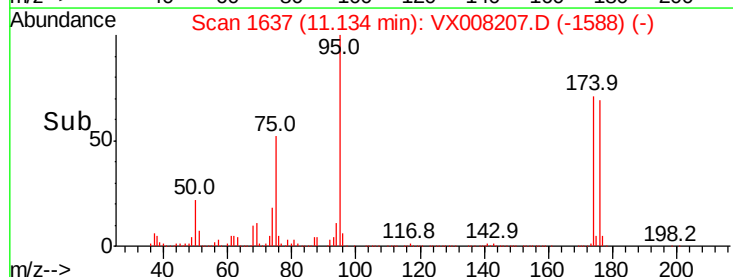
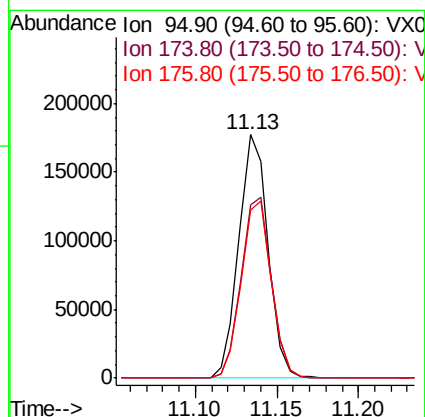
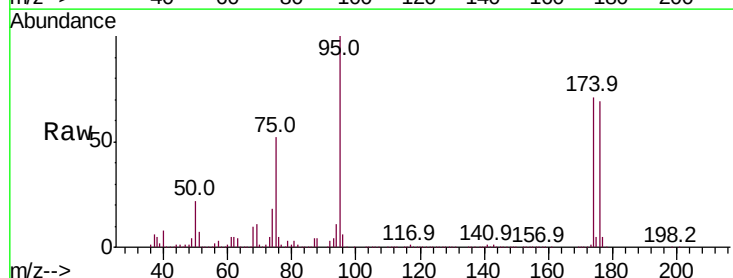
Tgt Ion: 95 Resp: 222278

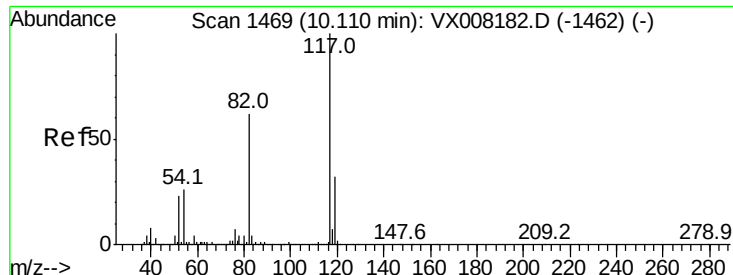
Ion Ratio Lower Upper

95 100

174 77.2 0.0 182.8

176 75.0 0.0 178.0

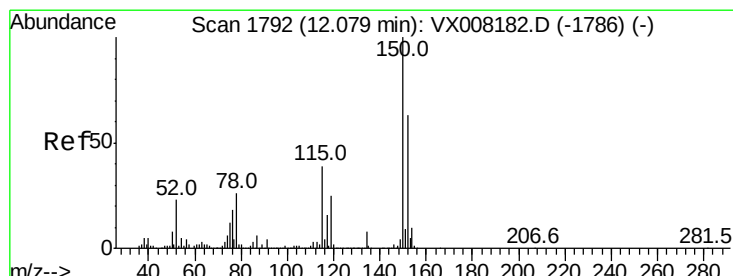
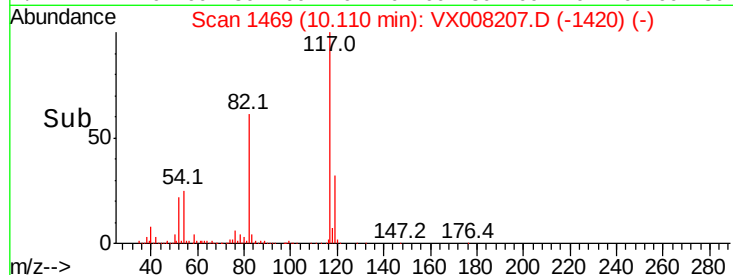
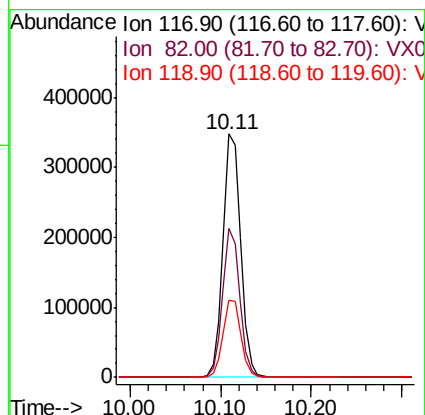
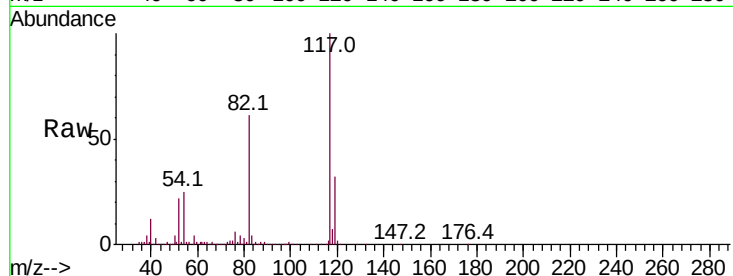




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008207.D
Acq: 19 Mar 2019 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBL02

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.1	44.3	66.5
119	31.8	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008207.D
Acq: 19 Mar 2019 23:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	38.6	115.7
150	158.1	0.0	348.4

