

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032119\
 Data File : VX008284.D
 Acq On : 21 Mar 2019 12:19
 Operator : JC/SP
 Sample : VX0321WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBL01

Quant Time: Mar 22 08:52:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	310560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	508187	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	419608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169639	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	216599	46.31	ug/l	0.00
Spiked Amount						
			Recovery	=	92.62%	
35) Dibromofluoromethane	5.50	113	163581	48.08	ug/l	0.00
Spiked Amount						
			Recovery	=	96.16%	
50) Toluene-d8	8.71	98	615767	47.74	ug/l	0.00
Spiked Amount						
			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	11.13	95	193578	43.59	ug/l	0.00
Spiked Amount						
			Recovery	=	87.18%	

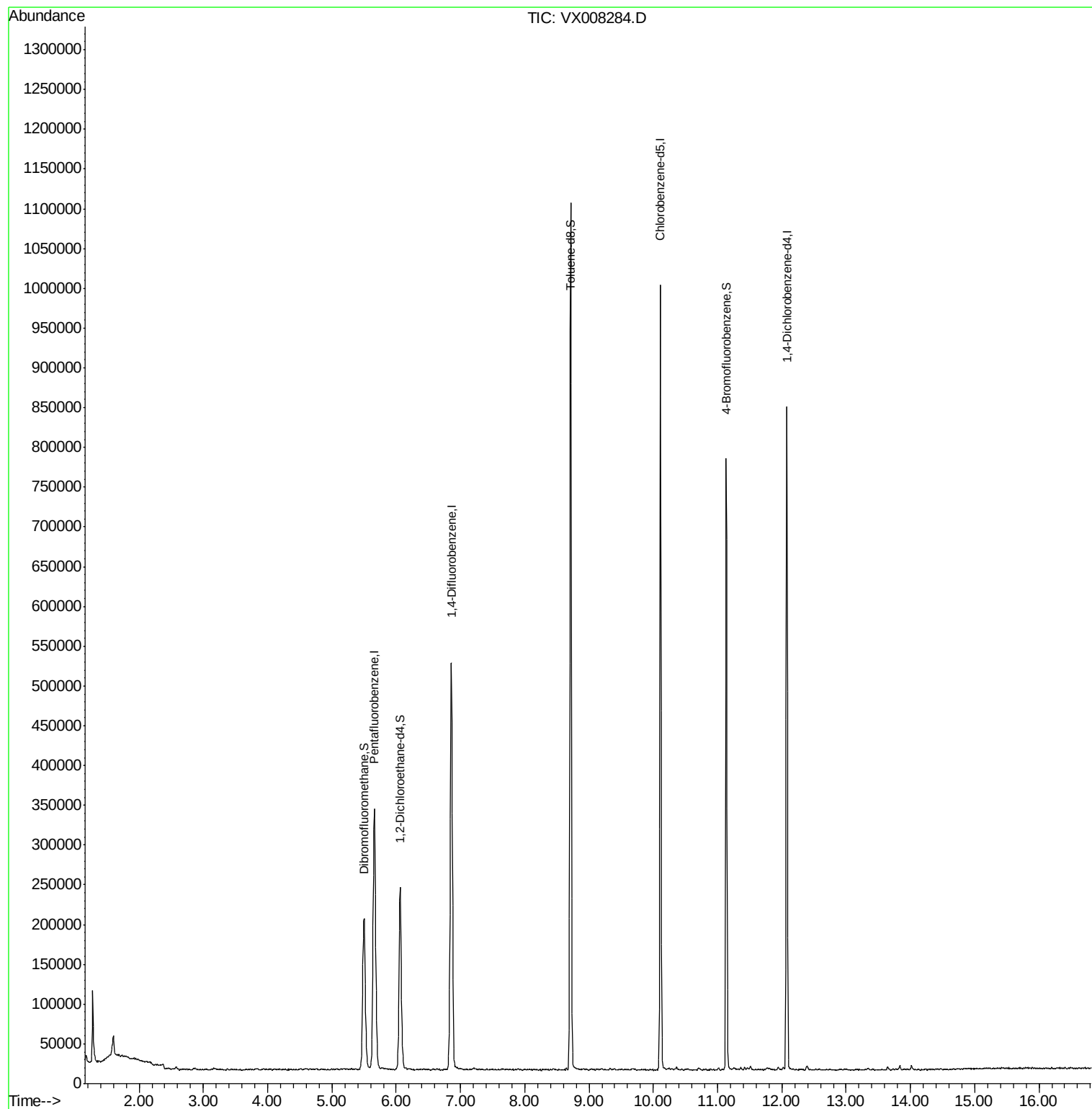
Target Compounds	Qvalue
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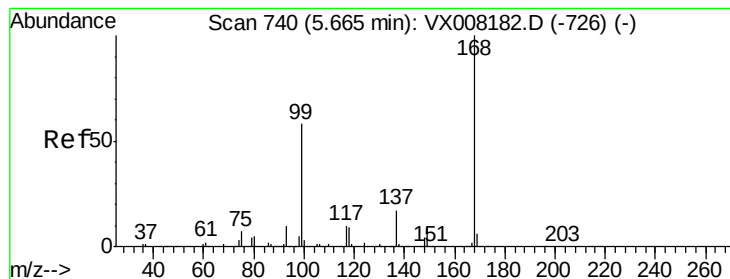
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008284.D

Acq: 21 Mar 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

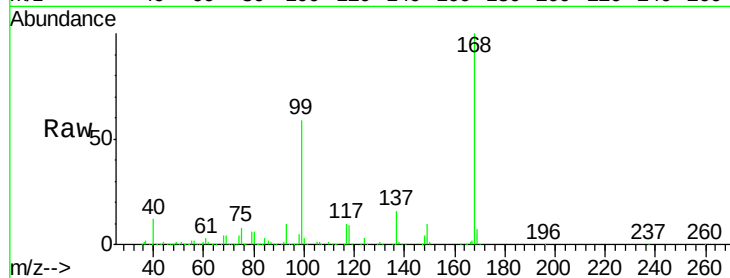
VX0321WBL01

Tot Ion:168 Resp: 310560

Ion Ratio Lower Upper

168 100

99 58.9 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

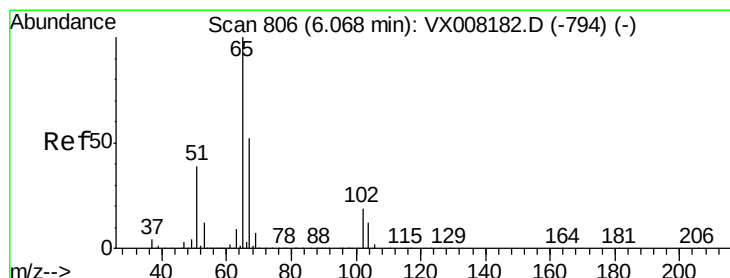
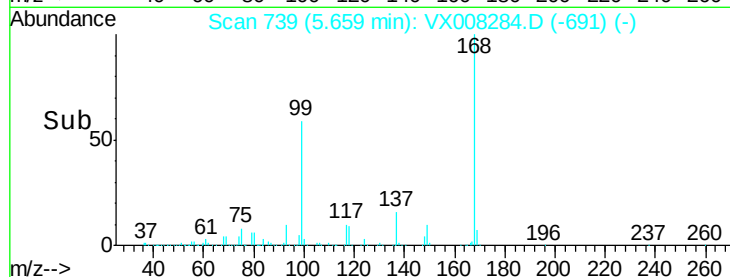
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.31 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008284.D

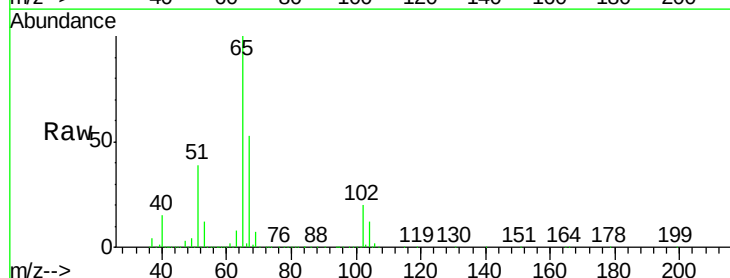
Acq: 21 Mar 2019 12:19

Tgt Ion: 65 Resp: 216599

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

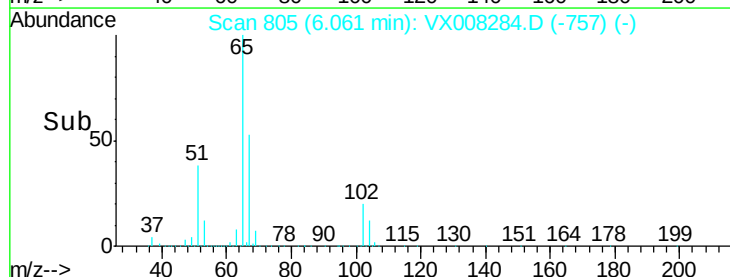
60000

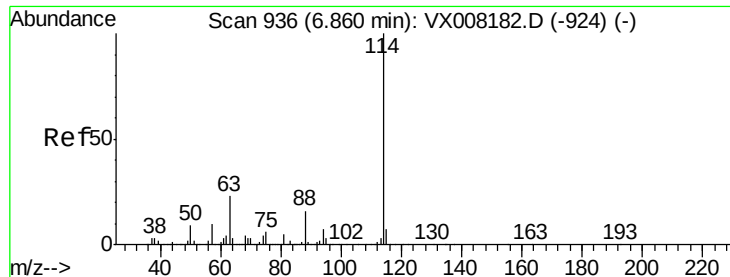
40000

20000

0

Time-->

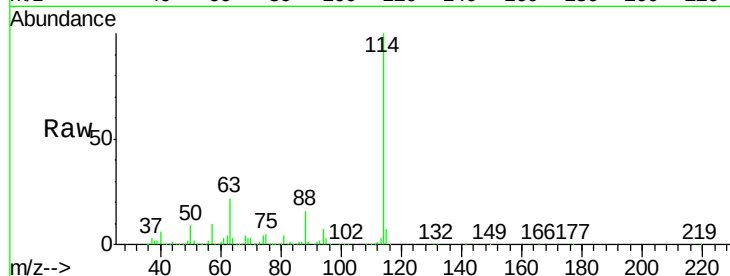




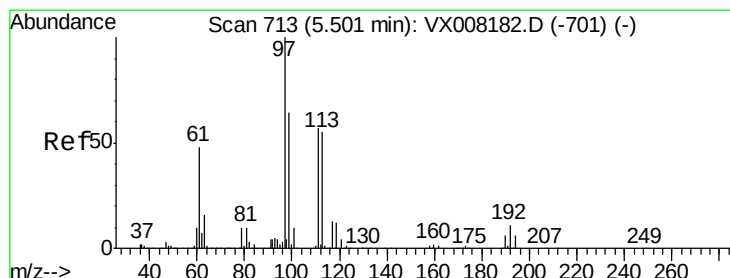
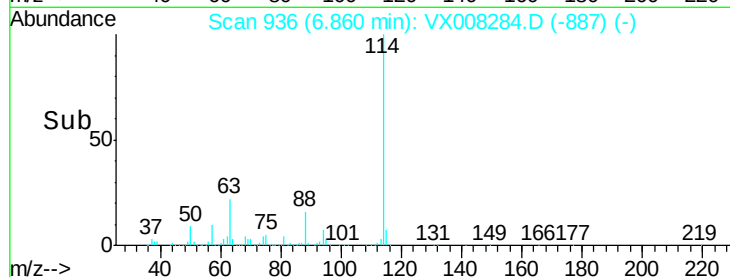
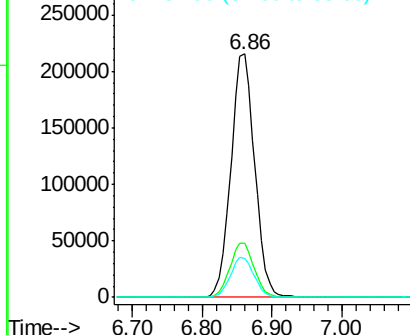
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008284.D
 Acq: 21 Mar 2019 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	39.8
88	16.1	0.0	31.4

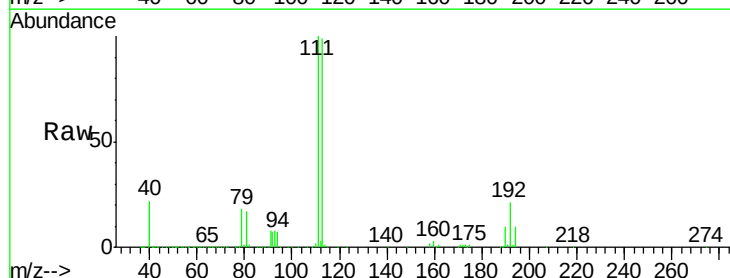


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

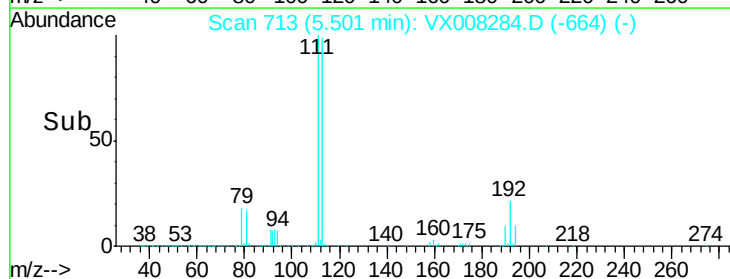
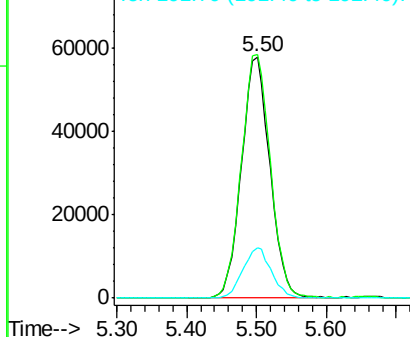


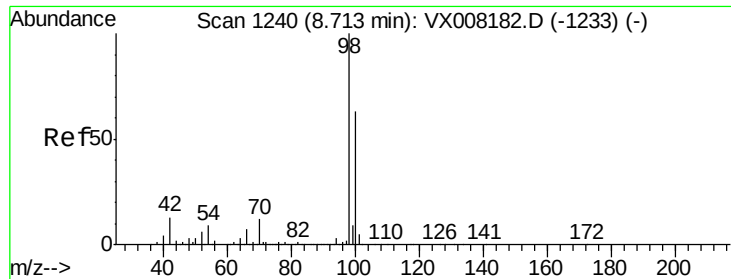
#35
 Dibromofluoromethane
 Concen: 48.08 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008284.D
 Acq: 21 Mar 2019 12:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	20.8	19.4	29.0



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: 47.74 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008284.D

Acq: 21 Mar 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

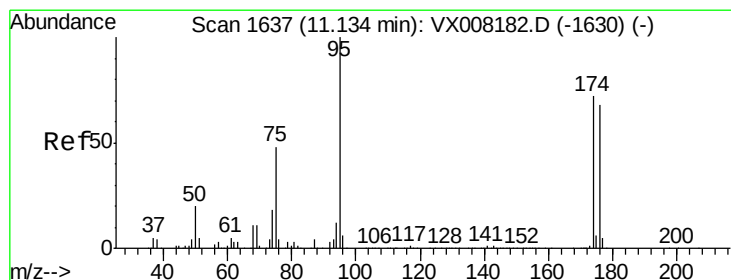
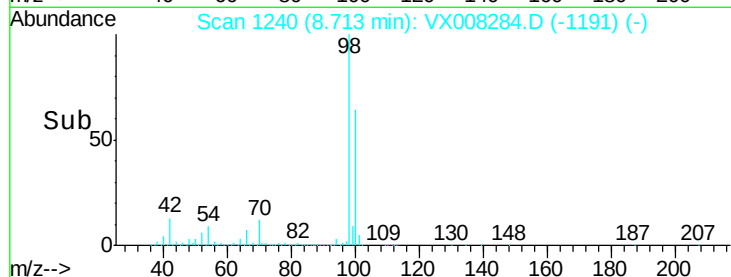
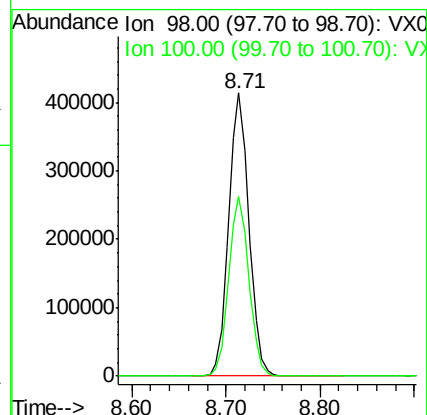
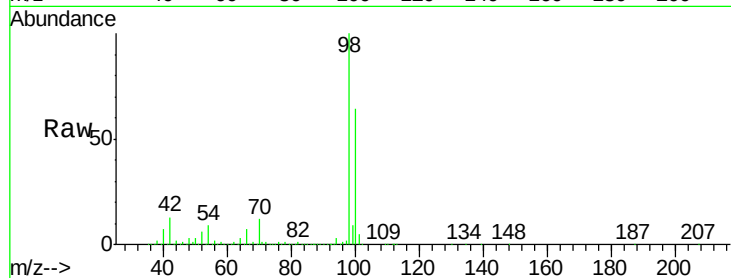
VX0321WBL01

Tot Ion: 98 Resp: 615767

Ion Ratio Lower Upper

98 100

100 63.4 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 43.59 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008284.D

Acq: 21 Mar 2019 12:19

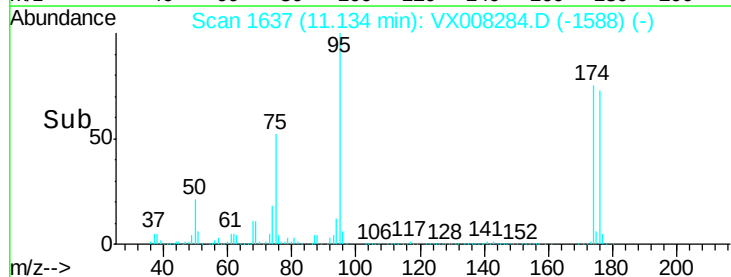
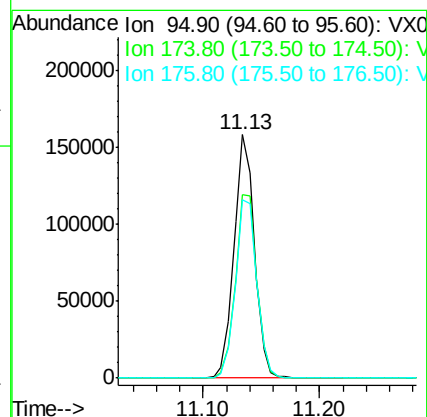
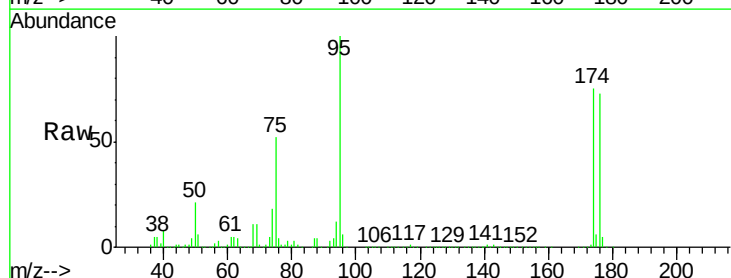
Tgt Ion: 95 Resp: 193578

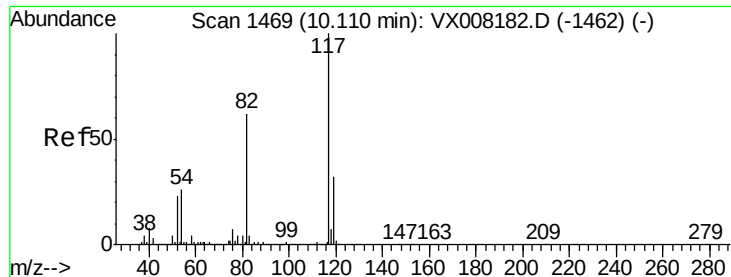
Ion Ratio Lower Upper

95 100

174 79.4 0.0 182.8

176 77.2 0.0 178.0

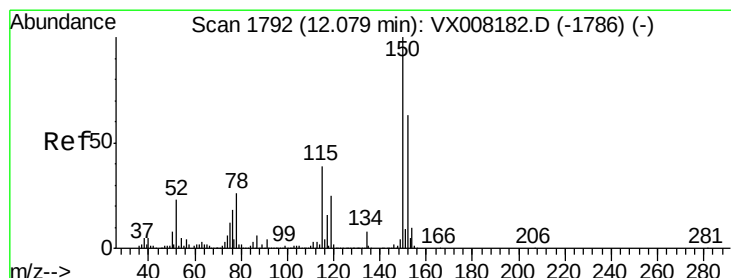
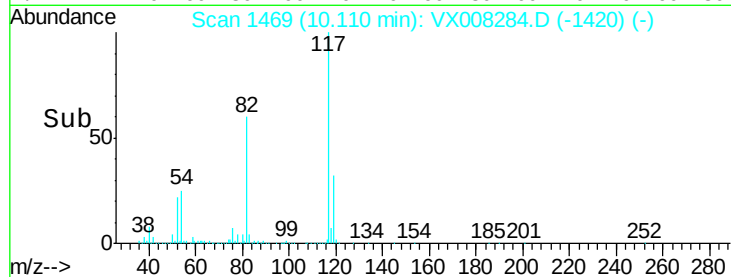
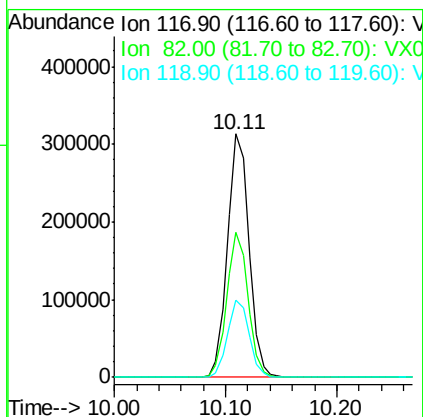
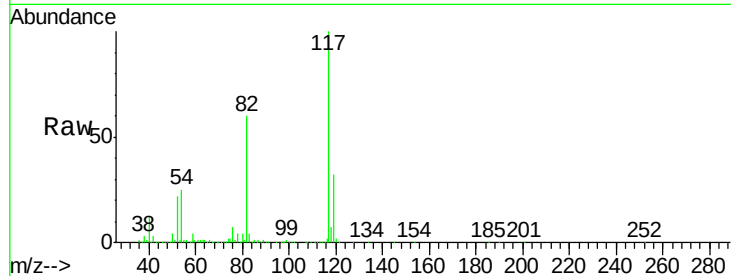




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008284.D
Acq: 21 Mar 2019 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.8	44.3	66.5
119	32.0	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008284.D
Acq: 21 Mar 2019 12:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	38.6	115.7
150	155.8	0.0	348.4

