

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020619\
 Data File : VX007393.D
 Acq On : 06 Feb 2019 12:25
 Operator : JC/SP
 Sample : K1383-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-02-05-19

Quant Time: Feb 07 09:49:00 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	504853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	753528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	675831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	332160	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	262792	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
35) Dibromofluoromethane	5.50	113	232288	47.38	ug/l	0.00
Spiked Amount			Recovery	=	94.76%	
50) Toluene-d8	8.71	98	878975	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.14	95	304744	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	

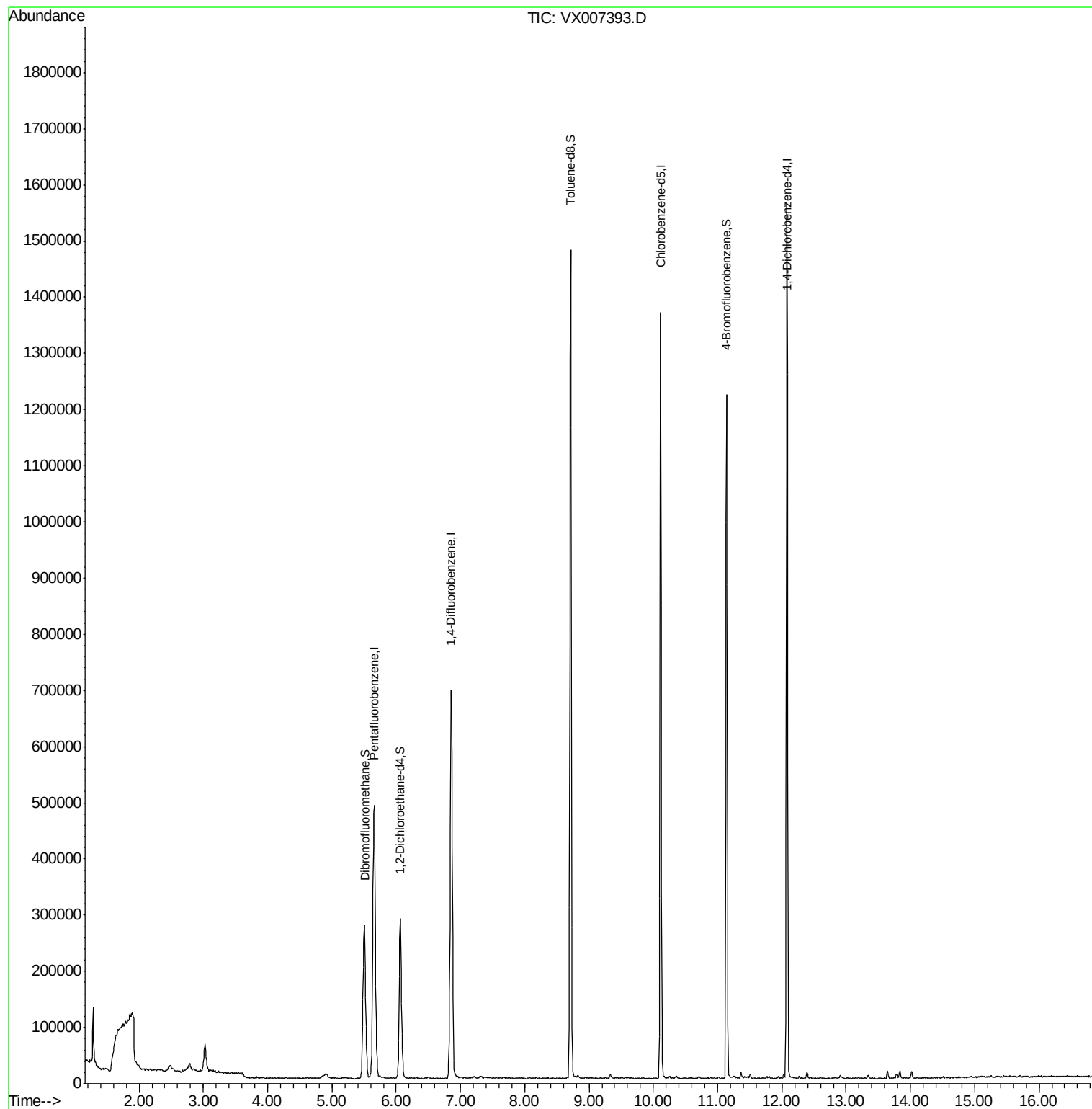
Target Compounds	Qvalue
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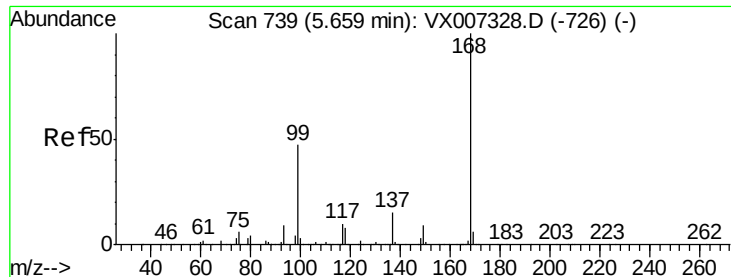
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX007393.D

Acq: 06 Feb 2019 12:25

Instrument :

MSVOA_X

ClientSampleId :

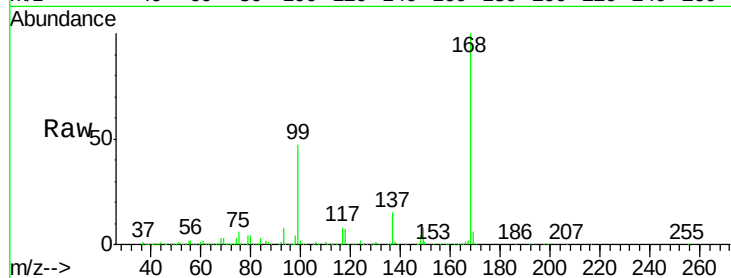
FB-02-05-19

Tot Ion:168 Resp: 504853

Ion Ratio Lower Upper

168 100

99 46.8 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

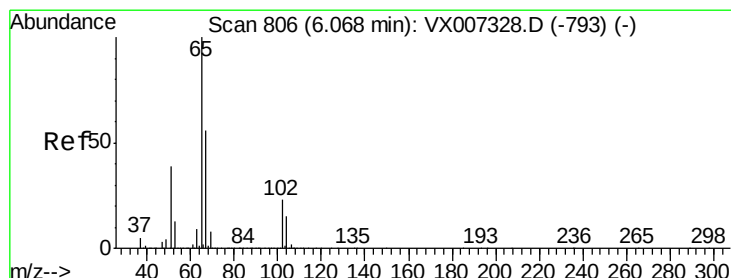
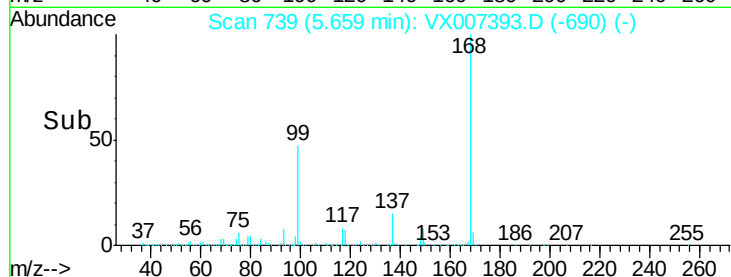
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.041 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX007393.D

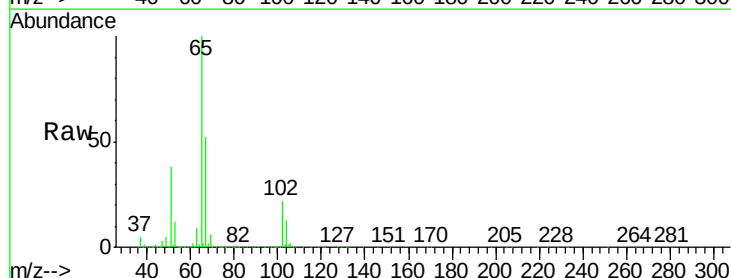
Acq: 06 Feb 2019 12:25

Tgt Ion: 65 Resp: 262792

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

120000

100000

80000

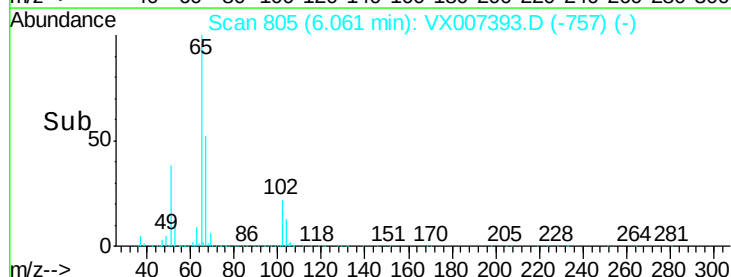
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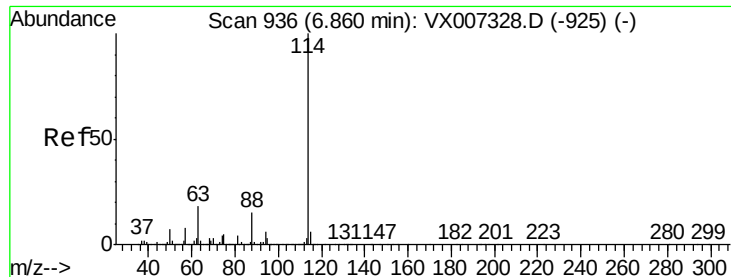
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20000

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Time-->

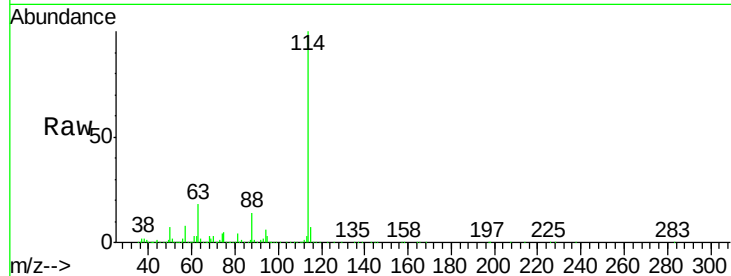




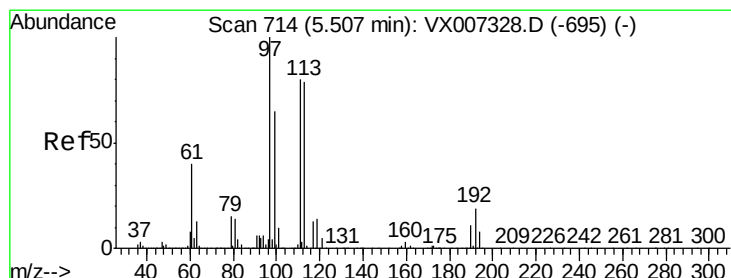
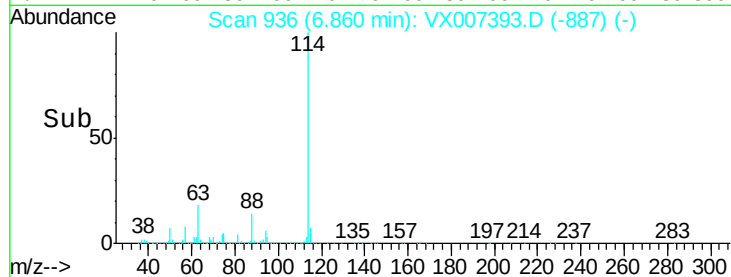
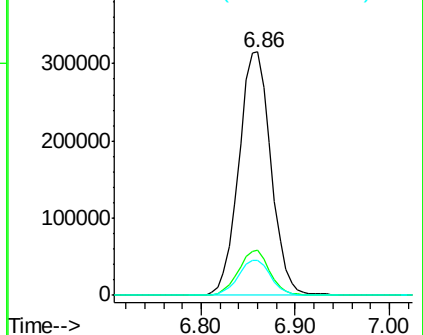
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007393.D
 Acq: 06 Feb 2019 12:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-02-05-19

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	35.6
88	14.1	0.0	29.6

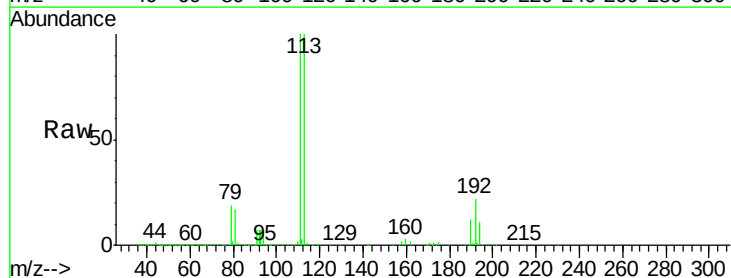


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

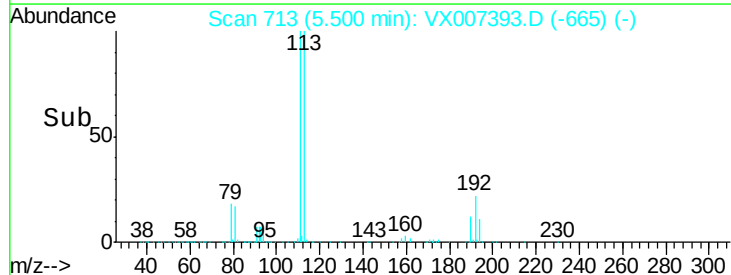
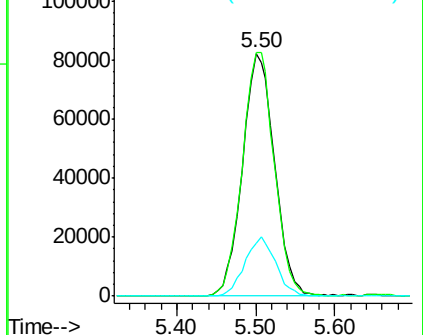


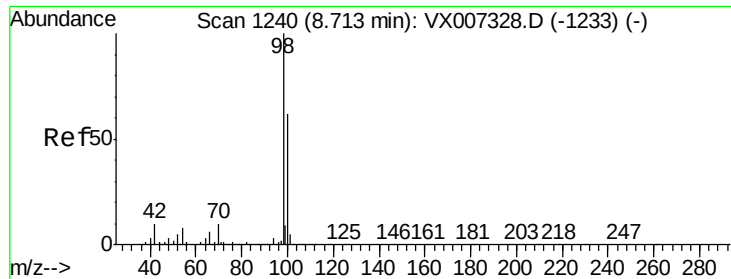
#35
 Dibromofluoromethane
 Concen: 47.377 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX007393.D
 Acq: 06 Feb 2019 12:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.8	122.8
192	23.5	18.5	27.7



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: 48.320 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007393.D

Acq: 06 Feb 2019 12:25

Instrument :

MSVOA_X

ClientSampleId :

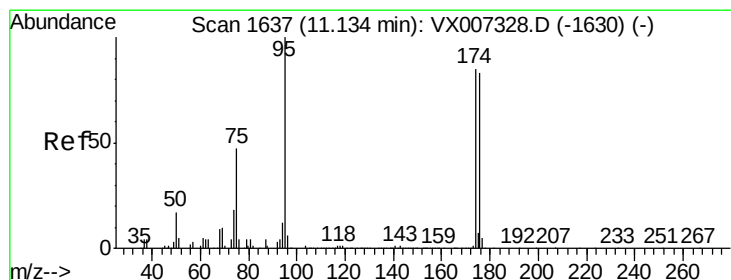
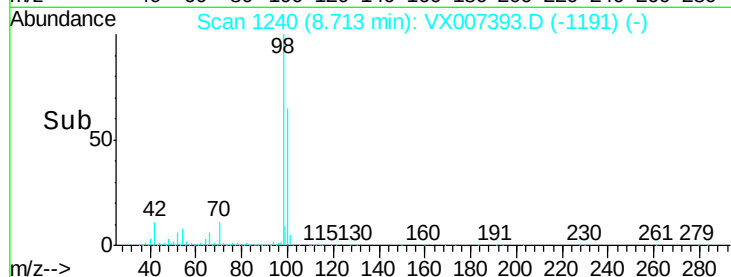
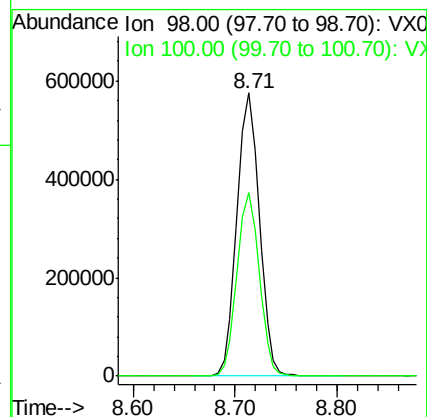
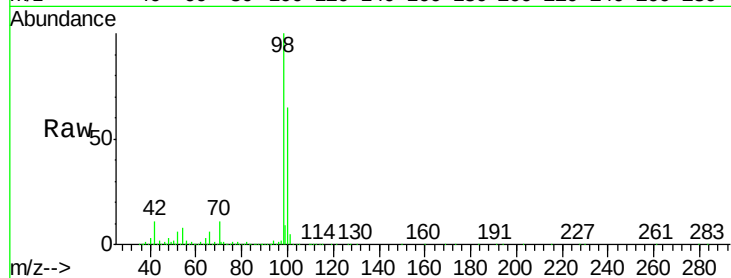
FB-02-05-19

Tot Ion: 98 Resp: 878975

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 45.885 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007393.D

Acq: 06 Feb 2019 12:25

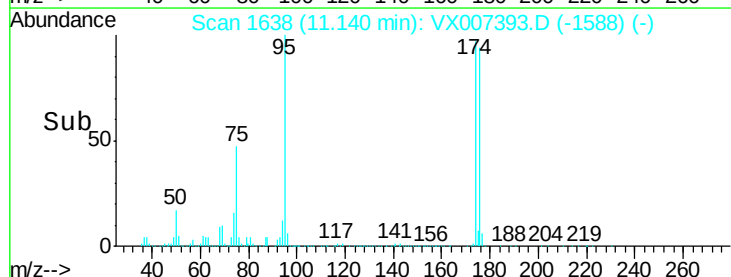
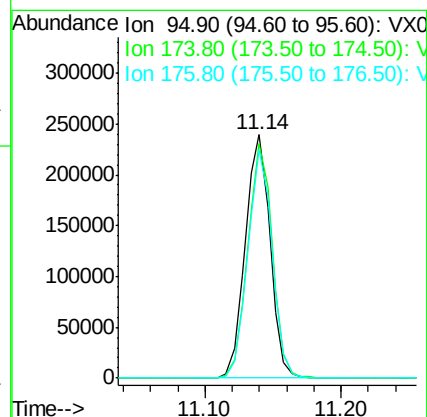
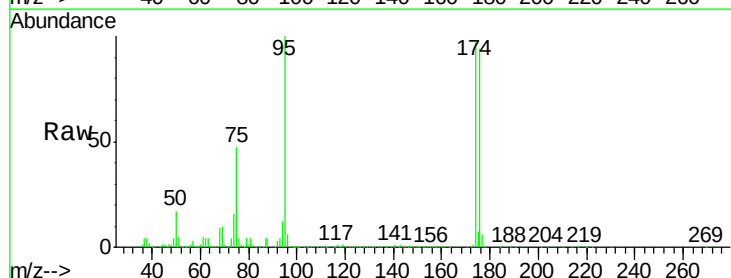
Tgt Ion: 95 Resp: 304744

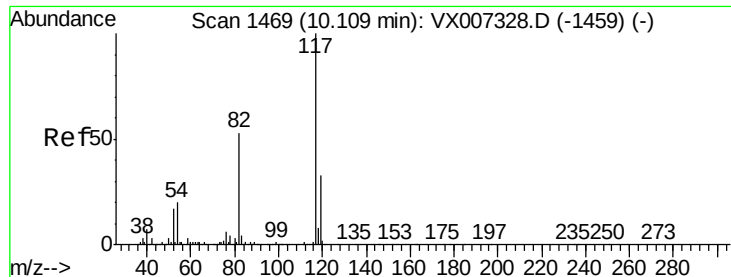
Ion Ratio Lower Upper

95 100

174 95.6 0.0 189.2

176 92.4 0.0 186.2

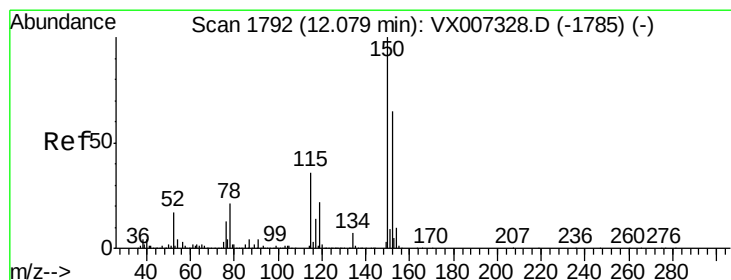
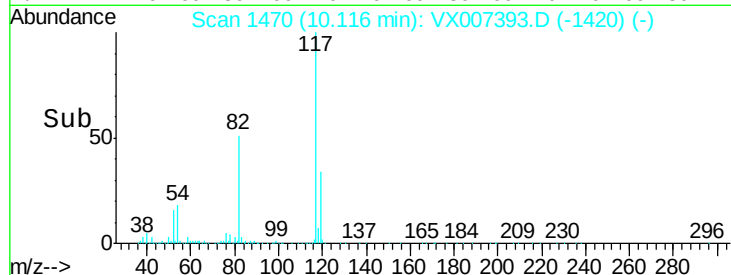
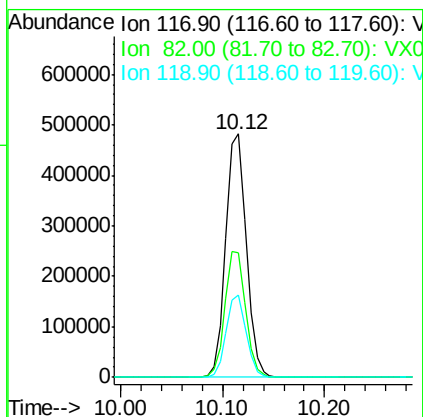
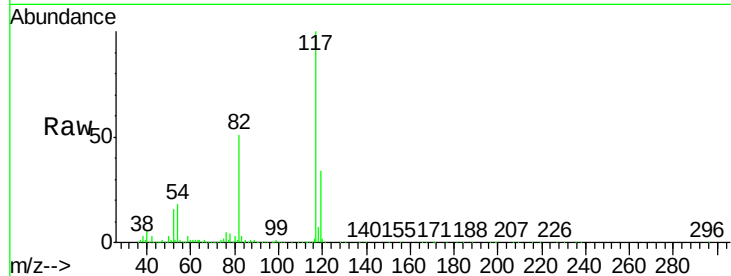




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007393.D
Acq: 06 Feb 2019 12:25

Instrument :
MSVOA_X
ClientSampleId :
FB-02-05-19

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	42.1	63.1
119	33.7	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: VX007393.D
Acq: 06 Feb 2019 12:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	38.0	114.0
150	155.1	0.0	346.4

