

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008279.D
 Acq On : 21 Mar 2019 07:26
 Operator : JC/SP
 Sample : K1945-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M4-T4-UV(POST-HYPO)

Quant Time: Mar 22 08:26:59 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	5.61	168	19640	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	6.84	114	9192	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.11	117	53918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	65978	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	459	1.55	ug/l	-0.05
Spiked Amount			Recovery	=	3.10%	
35) Dibromofluoromethane	5.45	113	392	6.37	ug/l	-0.05
Spiked Amount			Recovery	=	12.74%	
50) Toluene-d8	8.70	98	52541	225.21	ug/l	-0.01
Spiked Amount			Recovery	=	450.42%	
62) 4-Bromofluorobenzene	11.13	95	49955	621.88	ug/l	0.00
Spiked Amount			Recovery	=	1243.76%	

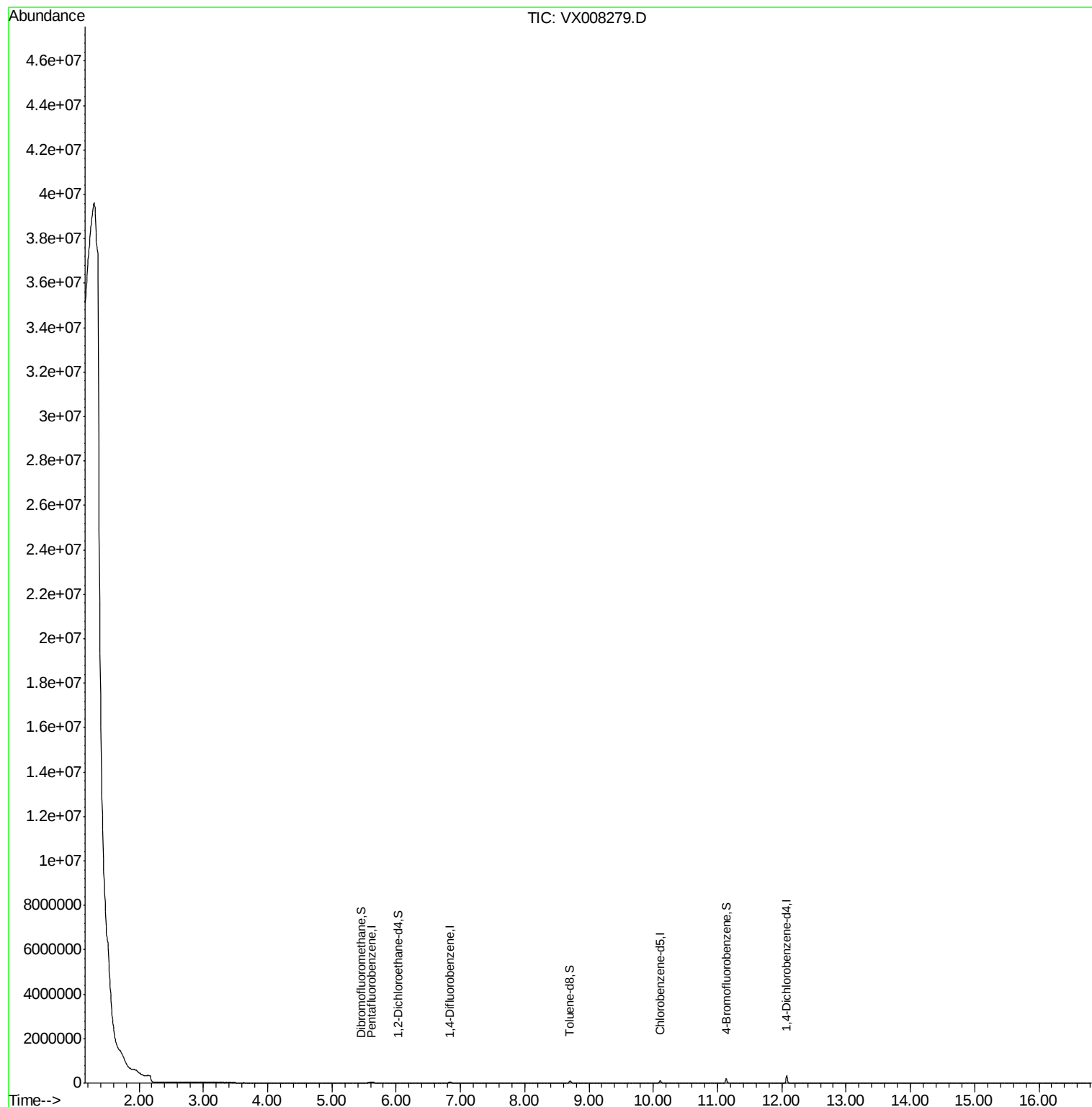
Target Compounds	Qvalue
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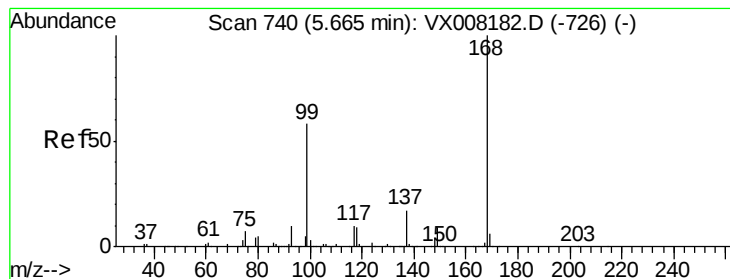
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 731

Delta R.T. -0.05 min

Lab File: VX008279.D

Acq: 21 Mar 2019 07:26

Instrument :

MSVOA_X

ClientSampleId :

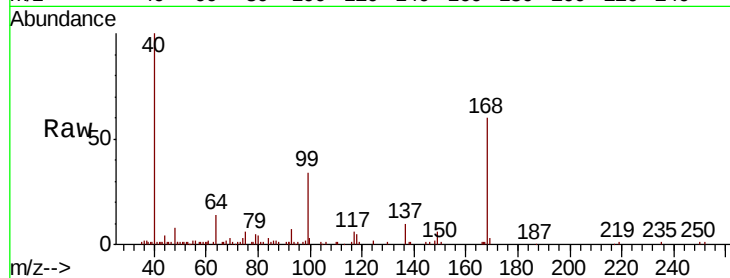
M4-T4-UV(POST-HYPO)

Tot Ion:168 Resp: 19640

Ion Ratio Lower Upper

168 100

99 55.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.61

6000

4000

2000

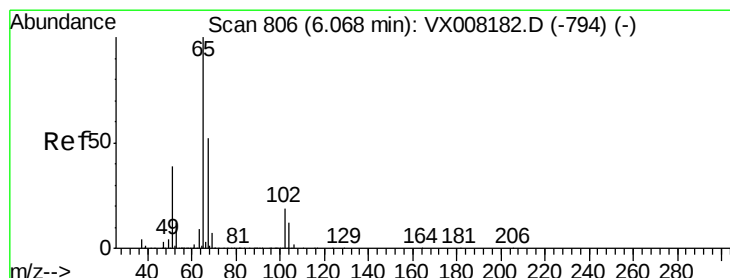
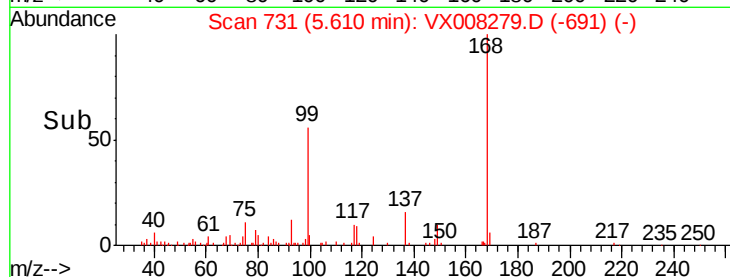
0

5.50

5.60

5.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 1.552 ug/l

RT: 6.02 min Scan# 798

Delta R.T. -0.05 min

Lab File: VX008279.D

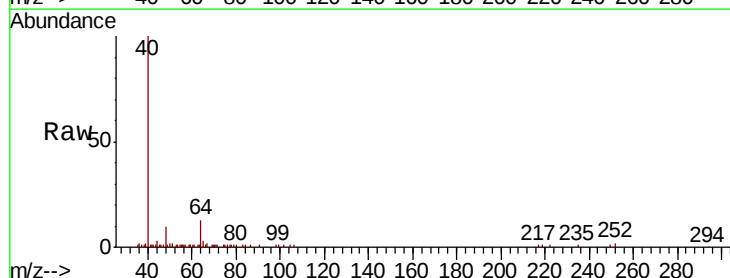
Acq: 21 Mar 2019 07:26

Tgt Ion: 65 Resp: 459

Ion Ratio Lower Upper

65 100

67 36.6 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.02

400

300

200

100

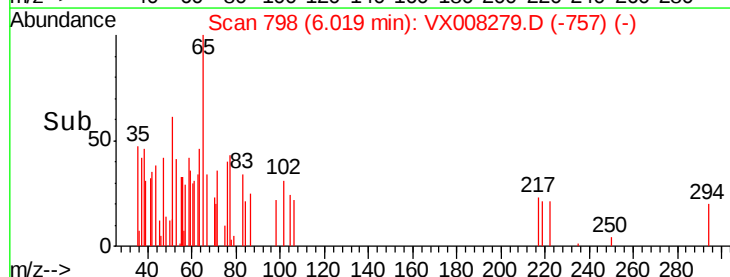
0

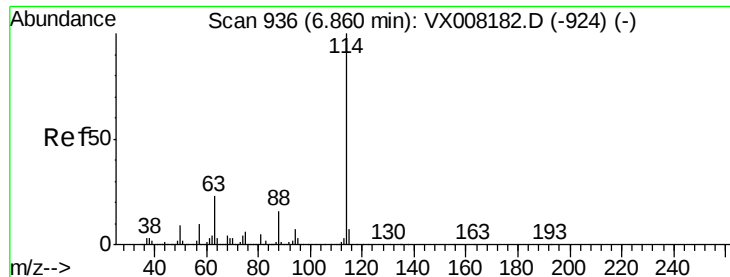
5.98

6.00

6.02

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 932

Delta R.T. -0.02 min

Lab File: VX008279.D

Acq: 21 Mar 2019 07:26

Instrument :

MSVOA_X

ClientSampleId :

M4-T4-UV(POST-HYPO)

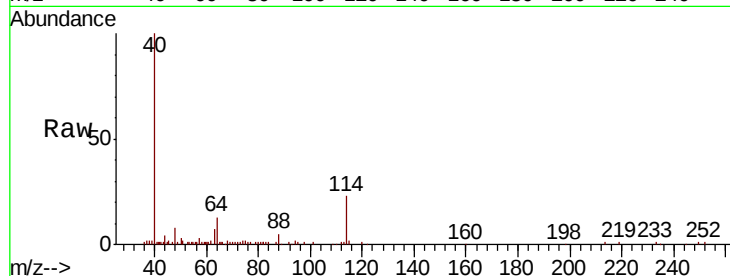
Tot Ion:114 Resp: 9192

Ion Ratio Lower Upper

114 100

63 24.5 0.0 39.8

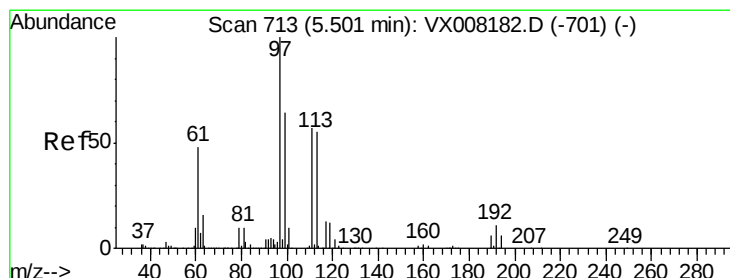
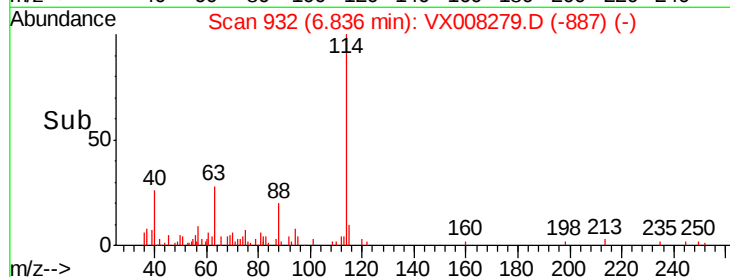
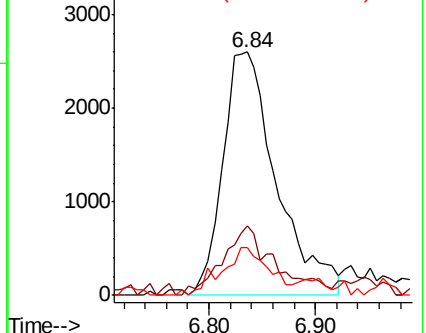
88 19.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 6.370 ug/l

RT: 5.45 min Scan# 704

Delta R.T. -0.05 min

Lab File: VX008279.D

Acq: 21 Mar 2019 07:26

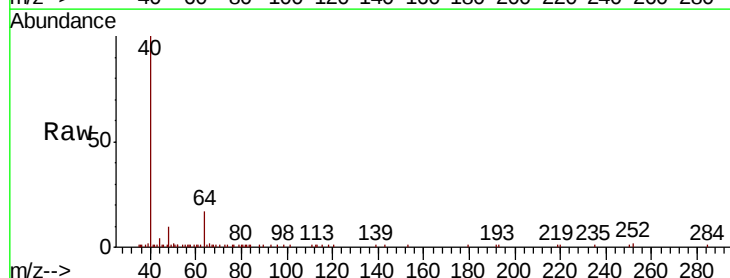
Tgt Ion:113 Resp: 392

Ion Ratio Lower Upper

113 100

111 28.6 81.4 122.0#

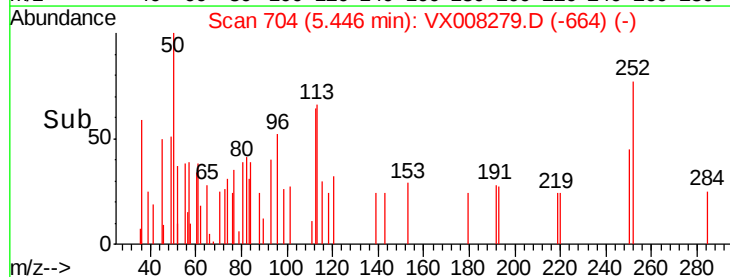
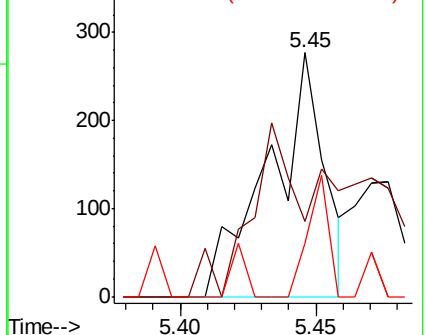
192 18.4 19.4 29.0#

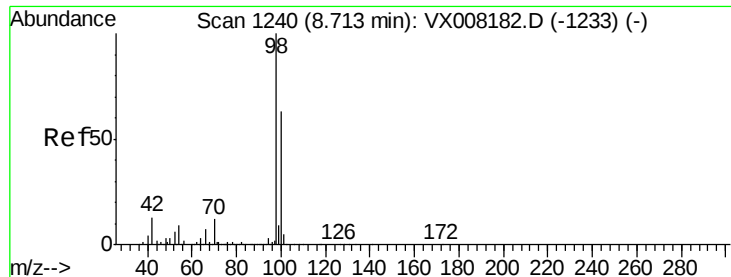


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 225.209 ug/l

RT: 8.70 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VX008279.D

Acq: 21 Mar 2019 07:26

Instrument :

MSVOA_X

ClientSampleId :

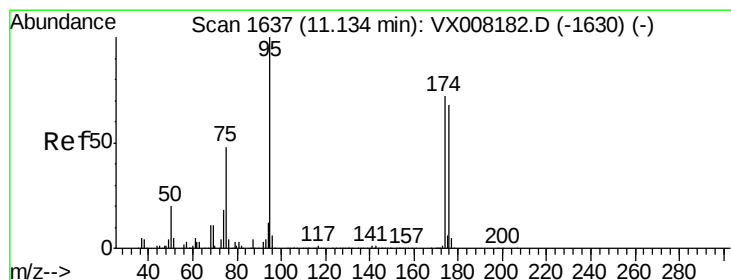
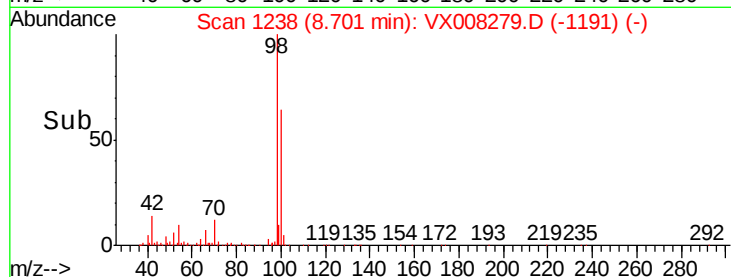
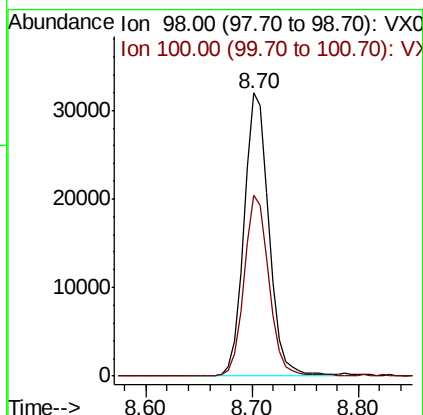
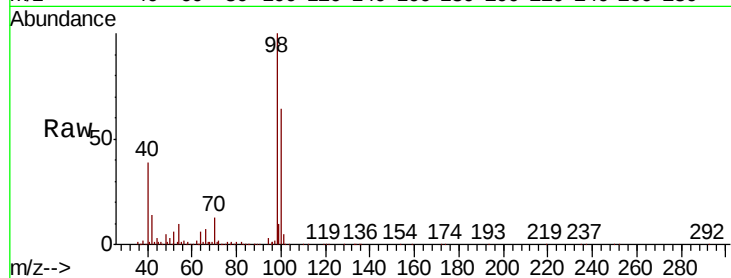
M4-T4-UV(POST-HYPO)

Tot Ion: 98 Resp: 52541

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 621.878 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008279.D

Acq: 21 Mar 2019 07:26

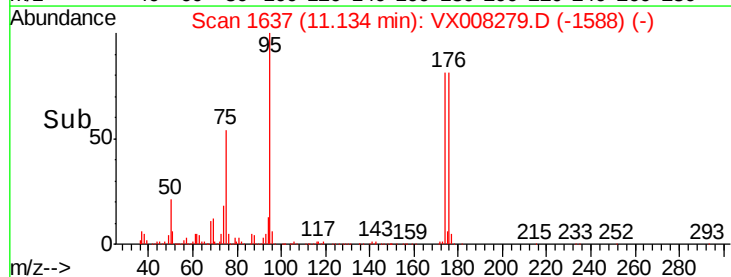
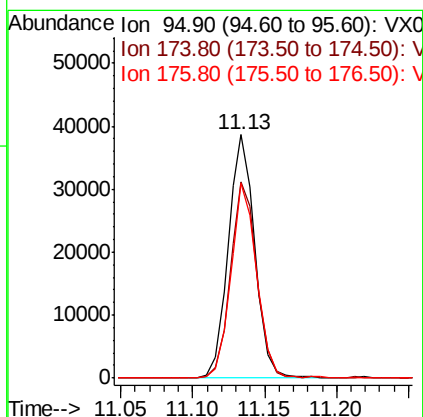
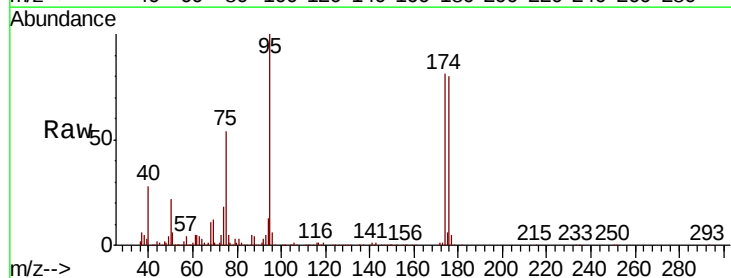
Tgt Ion: 95 Resp: 49955

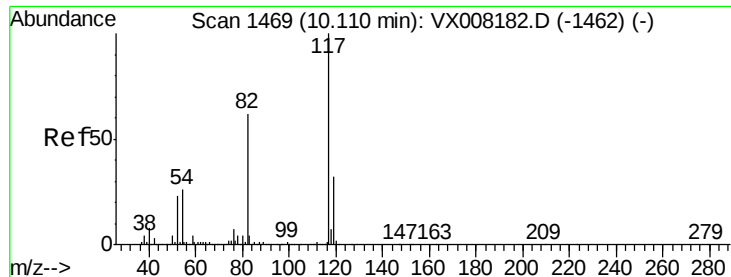
Ion Ratio Lower Upper

95 100

174 80.1 0.0 182.8

176 78.6 0.0 178.0

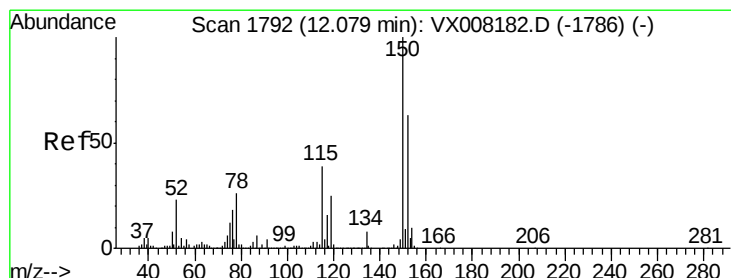
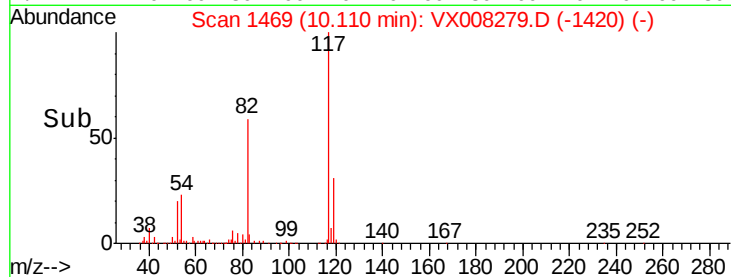
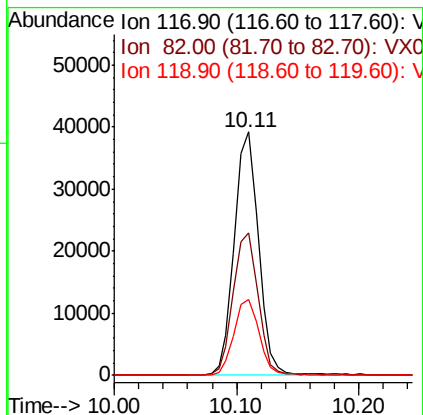
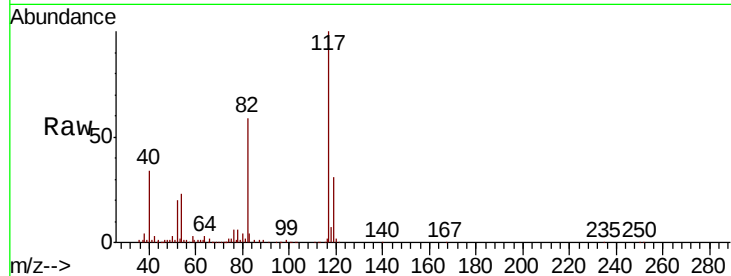




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008279.D
Acq: 21 Mar 2019 07:26

Instrument :
MSVOA_X
ClientSampleId :
M4-T4-UV(POST-HYPO)

Tot Ion:117 Resp: 53918
Ion Ratio Lower Upper
117 100
82 58.2 44.3 66.5
119 31.1 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: VX008279.D
Acq: 21 Mar 2019 07:26

Tgt Ion:152 Resp: 65978
Ion Ratio Lower Upper
152 100
115 58.1 38.6 115.7
150 154.8 0.0 348.4

