

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021220\
 Data File : VX014930.D
 Acq On : 12 Feb 2020 16:54
 Operator : JC/SP
 Sample : L1503-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PW-1

Quant Time: Feb 13 04:46:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	432963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	670855	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	644034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	345022	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	249697	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
35) Dibromofluoromethane	5.49	113	204641	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	8.71	98	803271	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.13	95	302339	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	

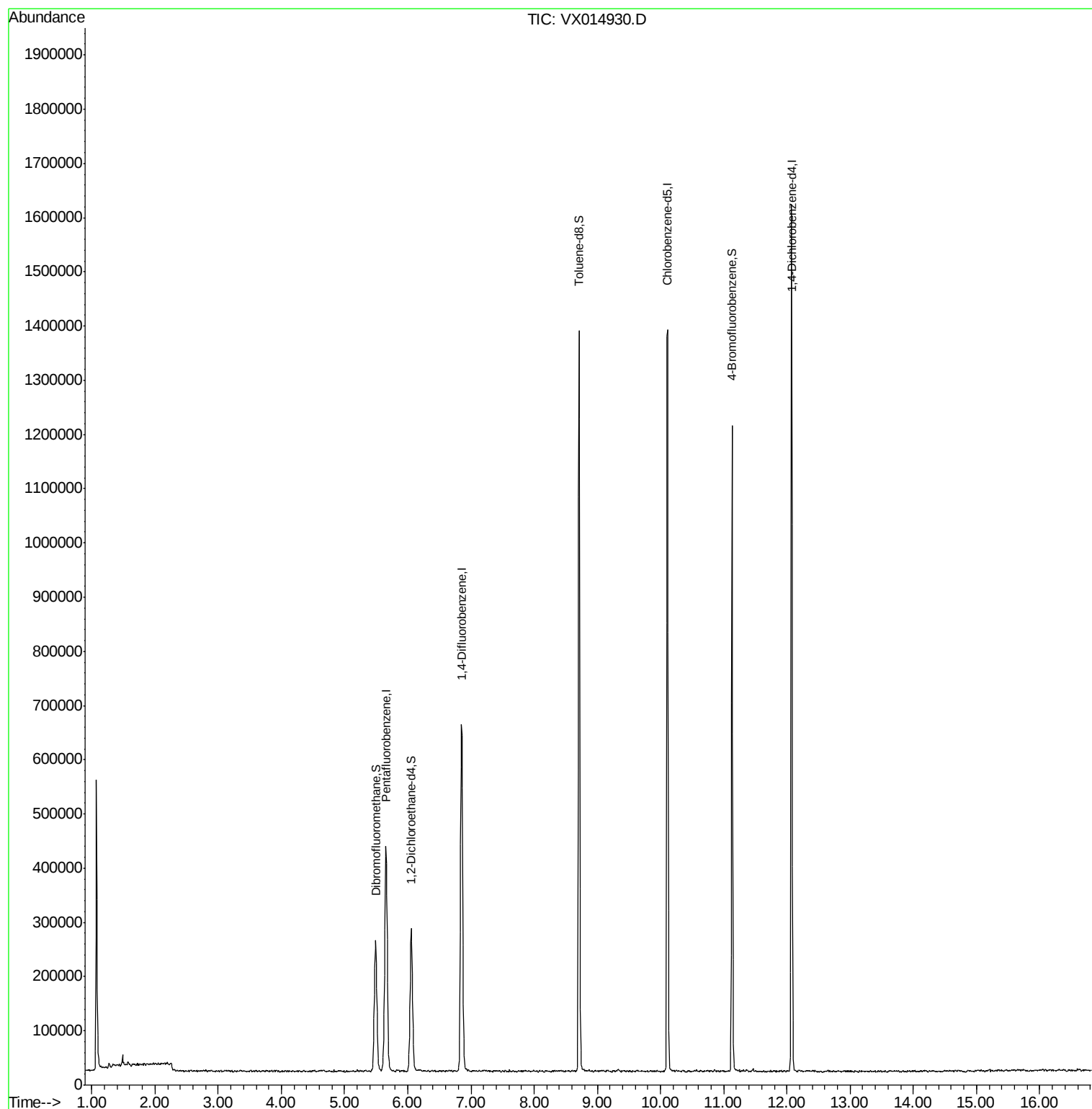
Target Compounds	Qvalue
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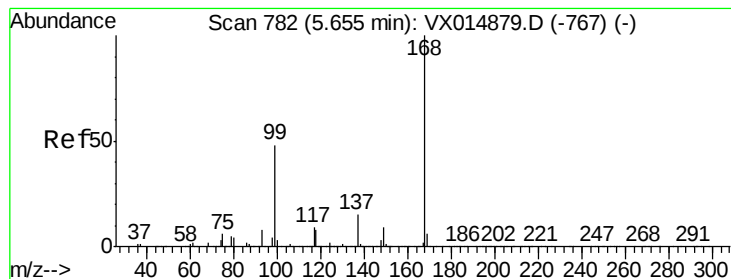
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014930.D

Acq: 12 Feb 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

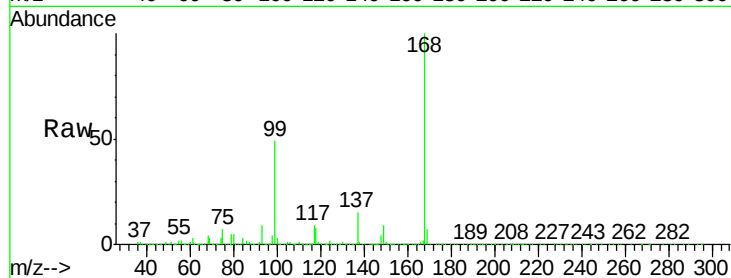
PW-1

Tot Ion:168 Resp: 432963

Ion Ratio Lower Upper

168 100

99 48.4 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

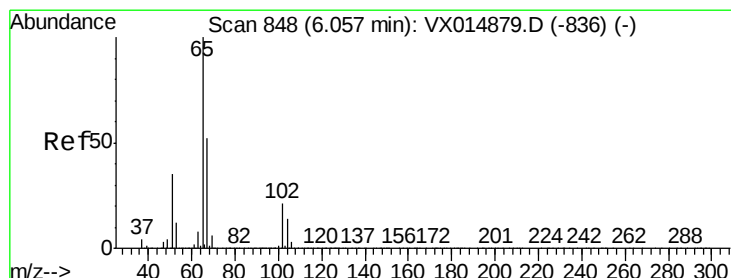
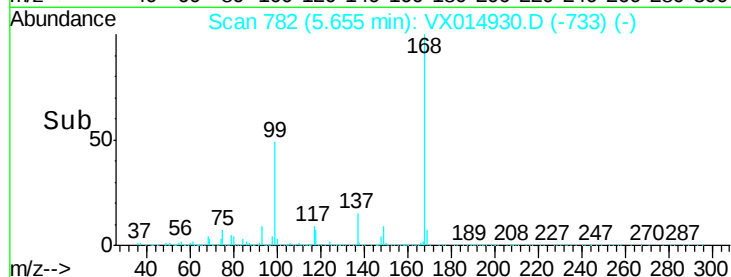
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.101 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014930.D

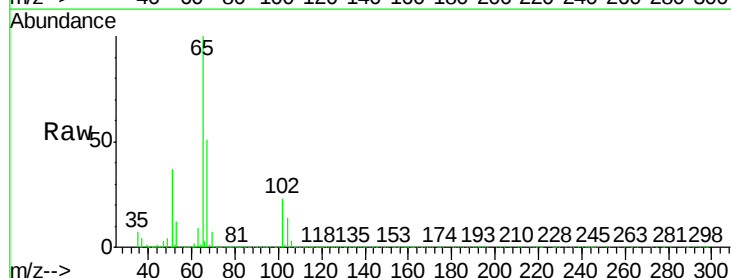
Acq: 12 Feb 2020 16:54

Tgt Ion: 65 Resp: 249697

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

100000

80000

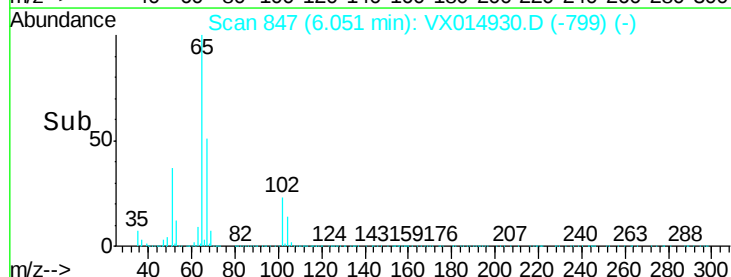
60000

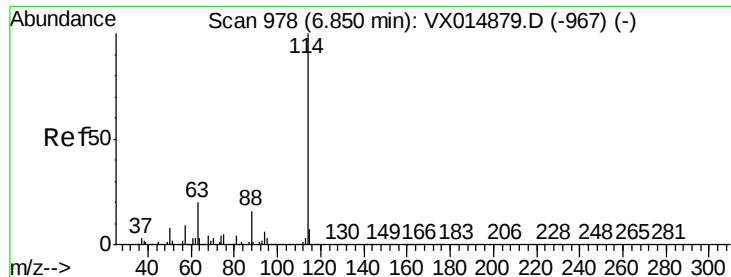
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014930.D

Acq: 12 Feb 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

PW-1

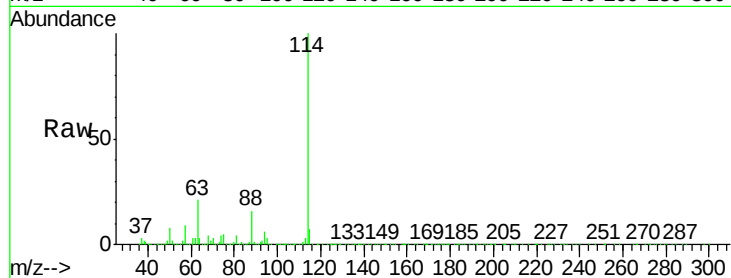
Tot Ion:114 Resp: 670855

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.2

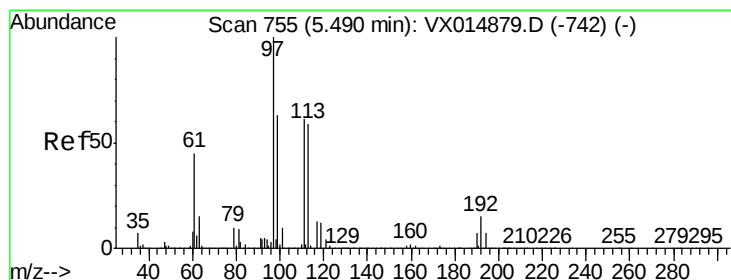
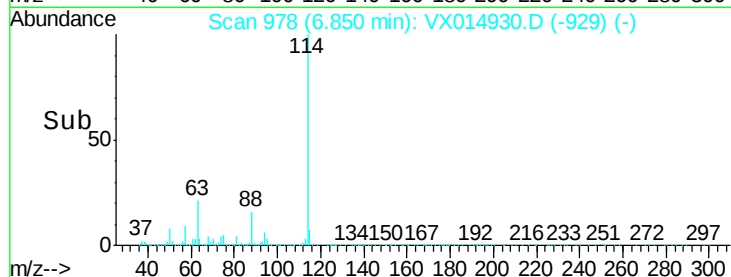
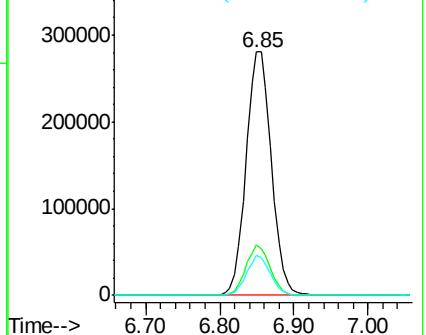
88 16.4 0.0 32.0



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: 49.619 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014930.D

Acq: 12 Feb 2020 16:54

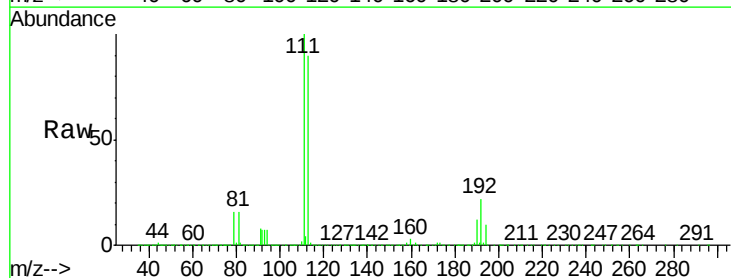
Tgt Ion:113 Resp: 204641

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

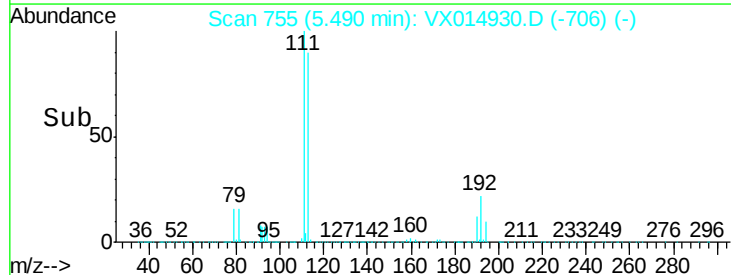
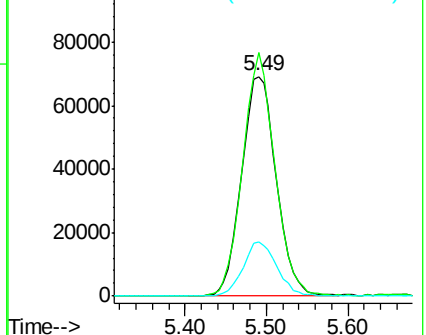
192 24.5 19.1 28.7

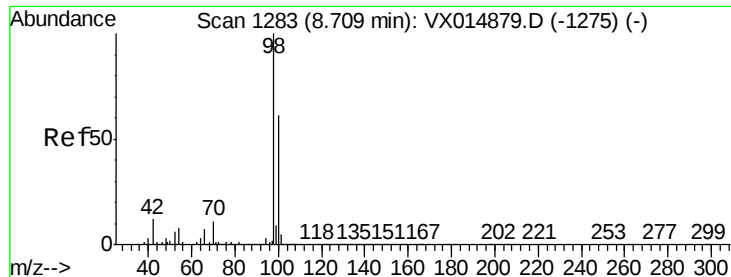


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.025 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014930.D

Acq: 12 Feb 2020 16:54

Instrument :

MSVOA_X

ClientSampleId :

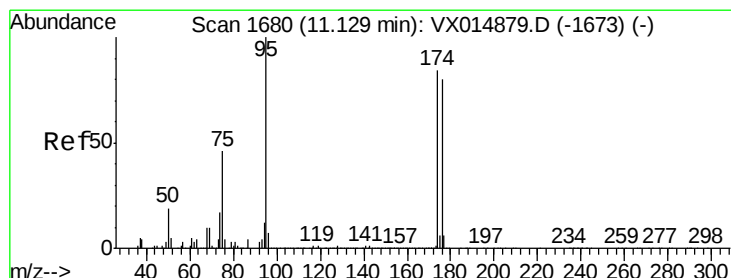
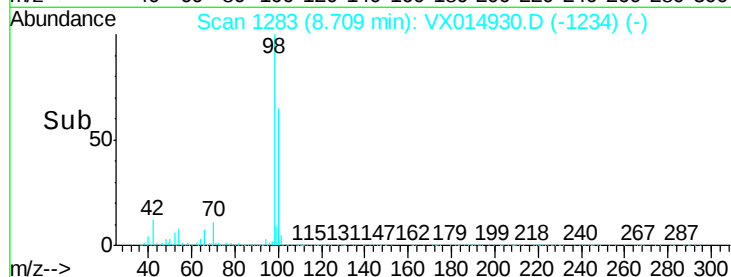
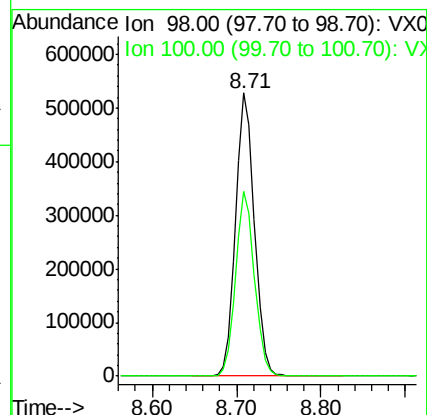
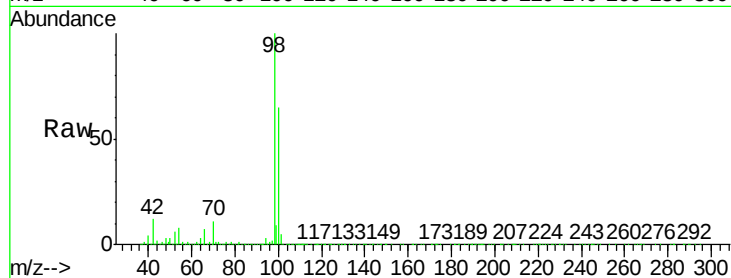
PW-1

Tot Ion: 98 Resp: 803271

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 53.313 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014930.D

Acq: 12 Feb 2020 16:54

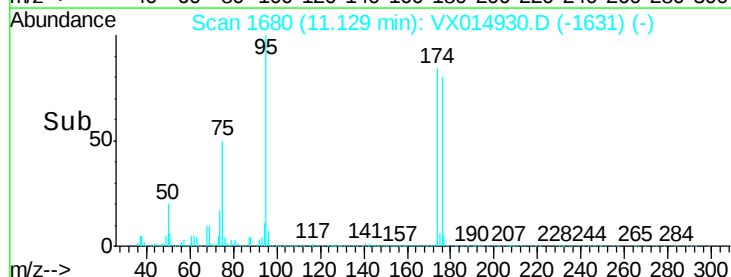
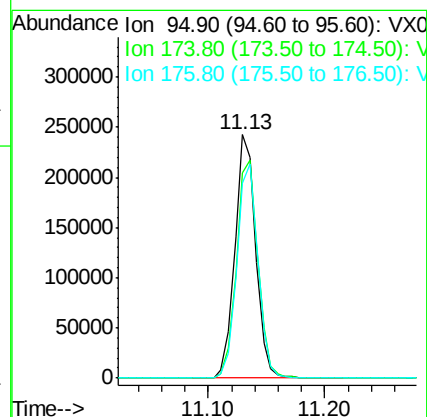
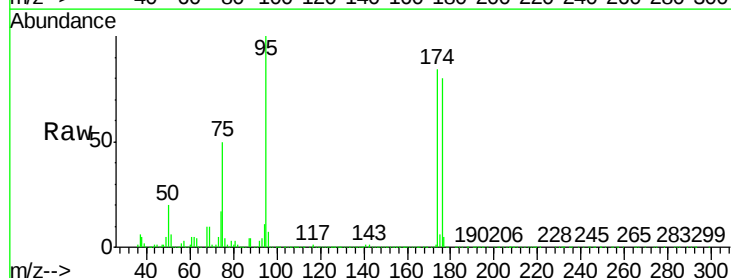
Tgt Ion: 95 Resp: 302339

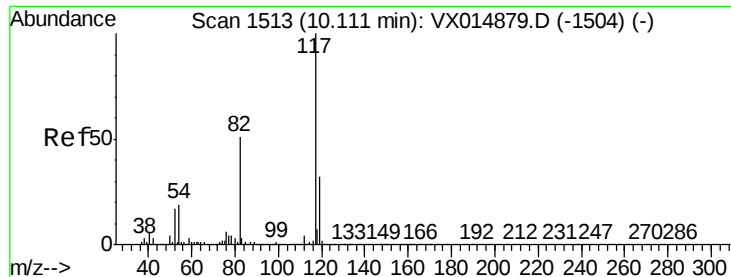
Ion Ratio Lower Upper

95 100

174 92.7 0.0 183.0

176 89.3 0.0 178.0

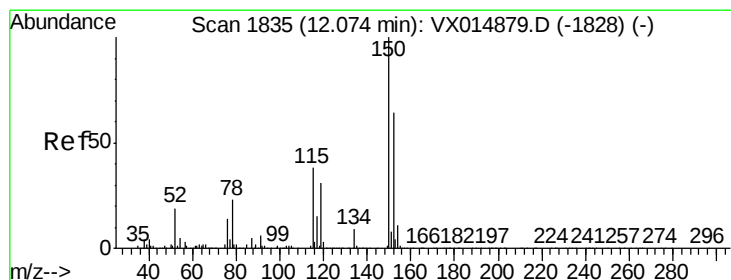
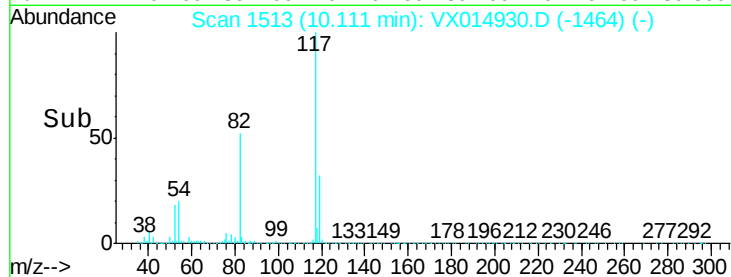
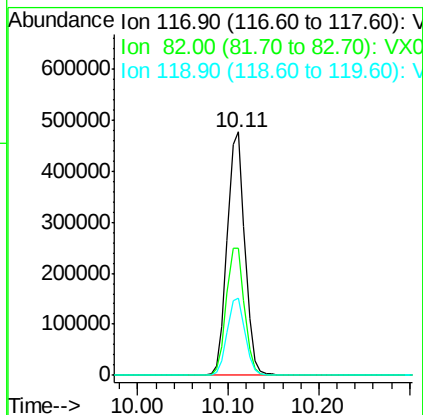
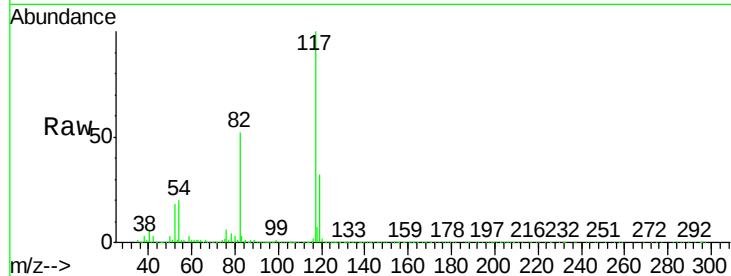




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014930.D
Acq: 12 Feb 2020 16:54

Instrument :
MSVOA_X
ClientSampleId :
PW-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	40.5	60.7
119	31.7	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014930.D
Acq: 12 Feb 2020 16:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	38.6	116.0
150	155.8	0.0	349.0

