

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031620\
 Data File : VX015295.D
 Acq On : 16 Mar 2020 15:35
 Operator : JC/SP
 Sample : L1945-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20200312

Quant Time: Mar 17 08:27:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	302534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	498923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	491926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	251252	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	172949	48.19	ug/l	0.00
Spiked Amount						
			Recovery	=	96.38%	
35) Dibromofluoromethane	5.48	113	149387	47.46	ug/l	0.00
Spiked Amount						
			Recovery	=	94.92%	
50) Toluene-d8	8.71	98	618694	51.67	ug/l	0.00
Spiked Amount						
			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	11.14	95	227081	53.17	ug/l	0.00
Spiked Amount						
			Recovery	=	106.34%	

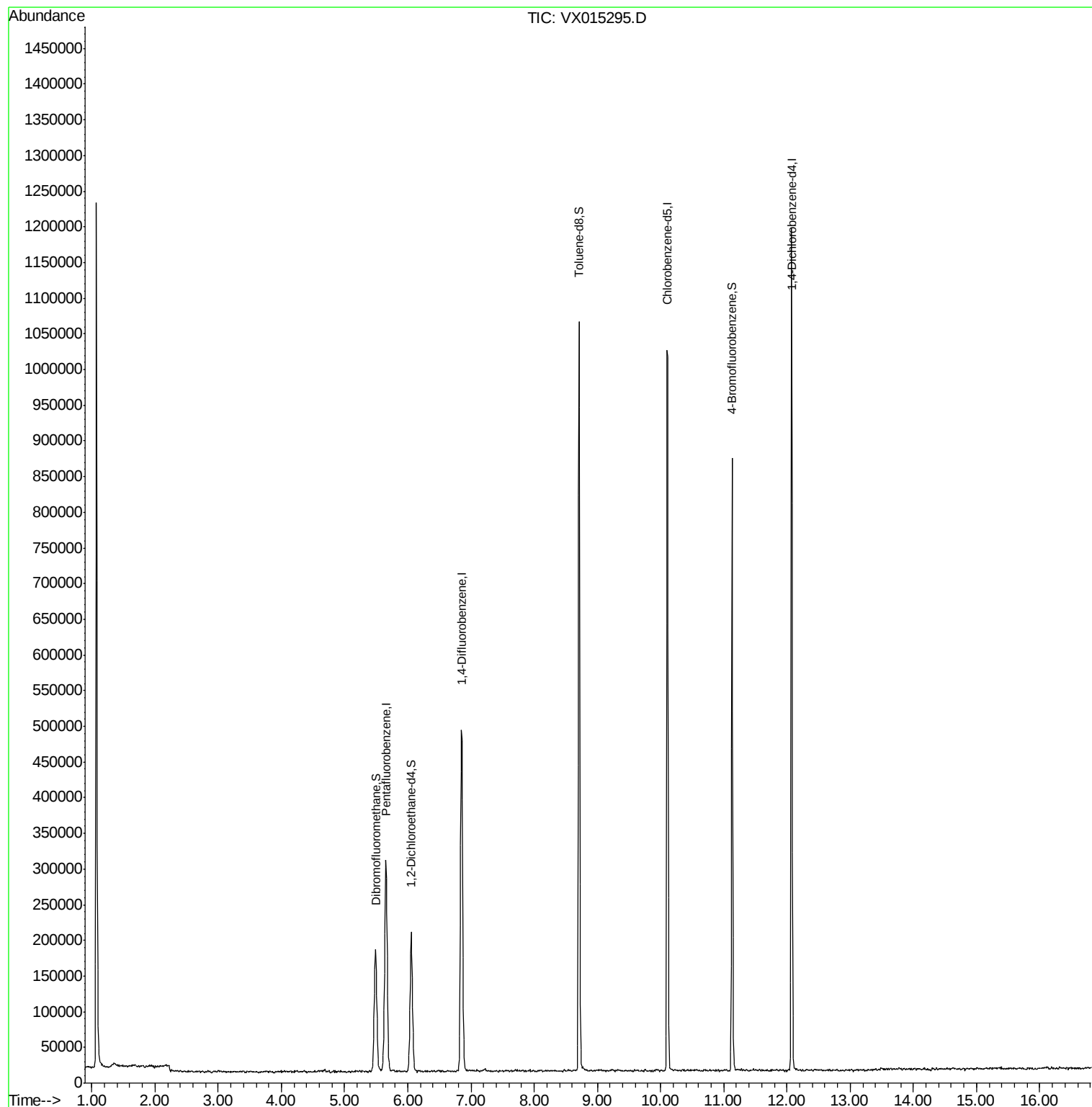
Target Compounds	Qvalue

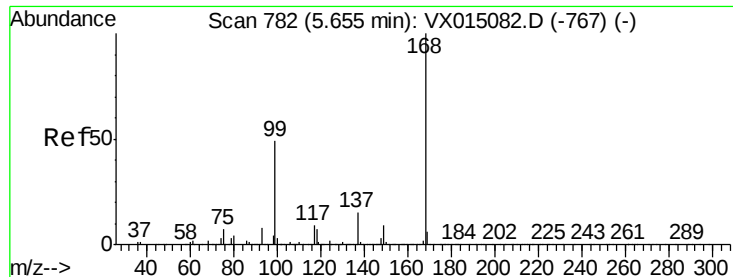
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
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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: VX015295.D

Acq: 16 Mar 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

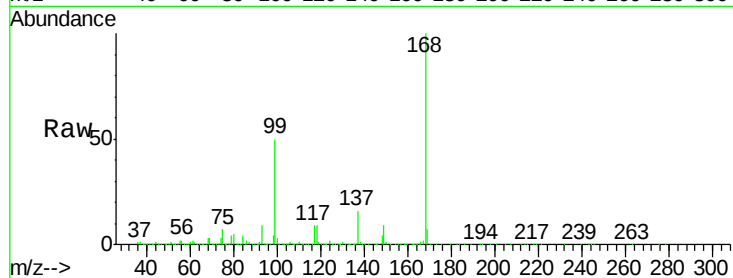
TB-20200312

Tot Ion:168 Resp: 302534

Ion Ratio Lower Upper

168 100

99 50.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

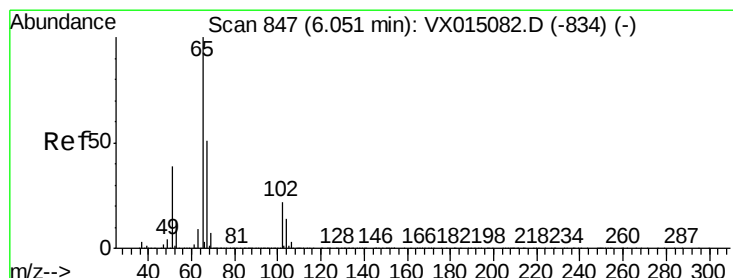
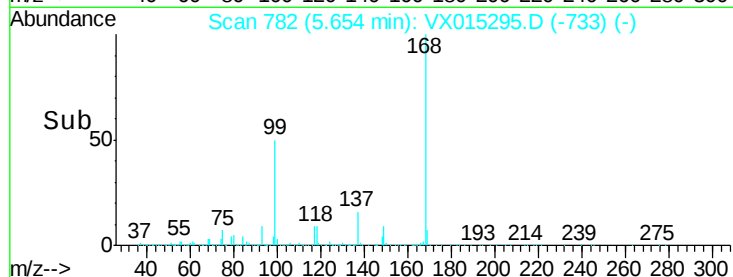
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.186 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX015295.D

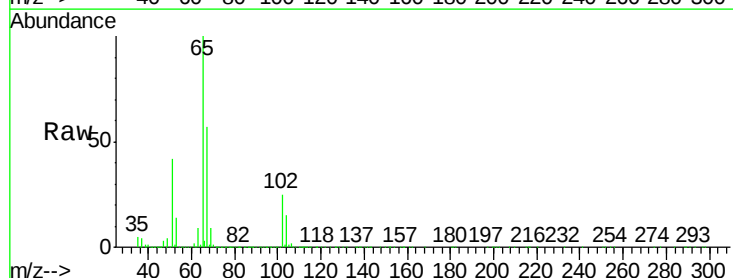
Acq: 16 Mar 2020 15:35

Tgt Ion: 65 Resp: 172949

Ion Ratio Lower Upper

65 100

67 54.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

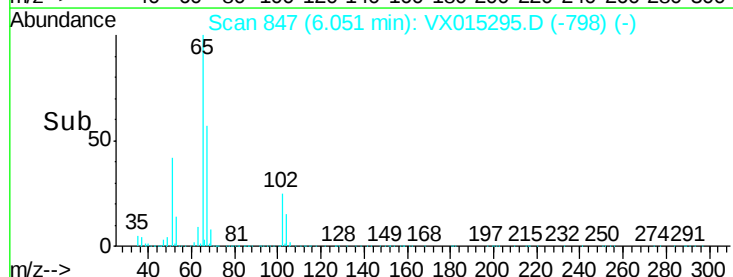
60000

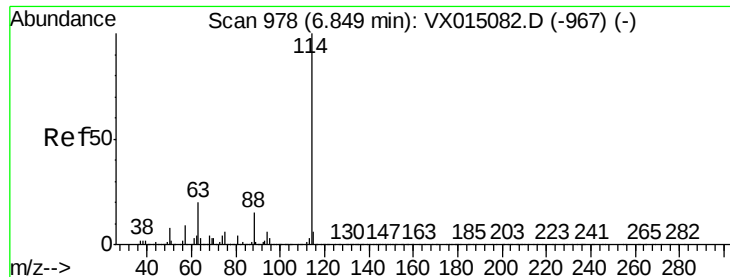
40000

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: VX015295.D

Acq: 16 Mar 2020 15:35

Instrument :

MSVOA_X

ClientSampled :

TB-20200312

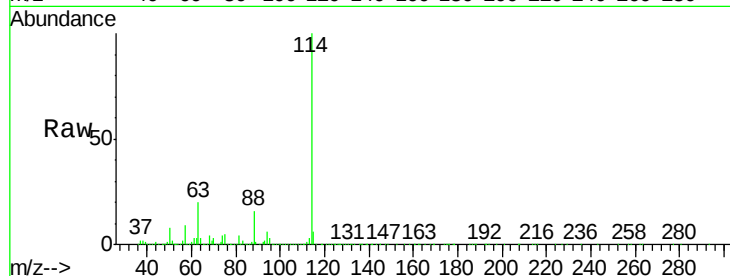
Tot Ion:114 Resp: 498923

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

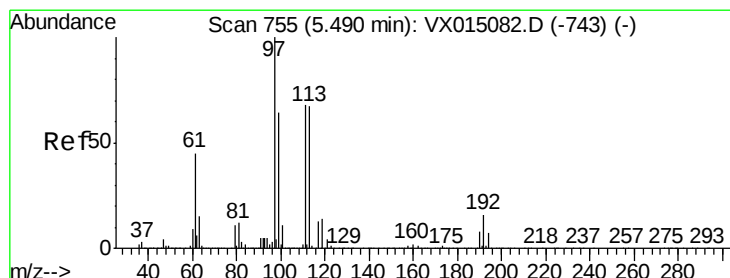
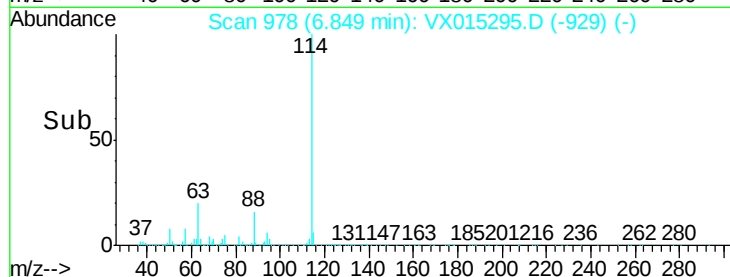
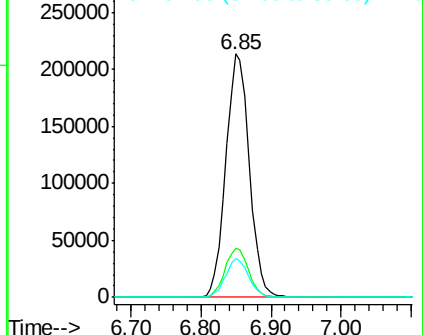
88 15.7 0.0 30.6



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: 47.461 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015295.D

Acq: 16 Mar 2020 15:35

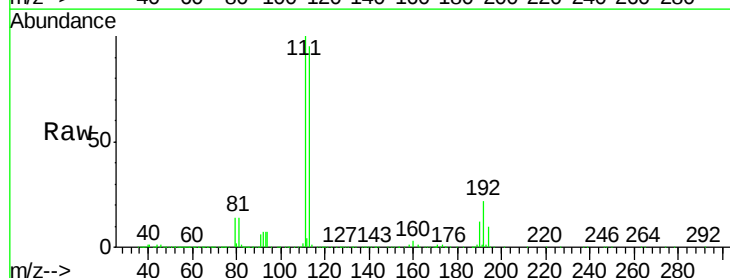
Tgt Ion:113 Resp: 149387

Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

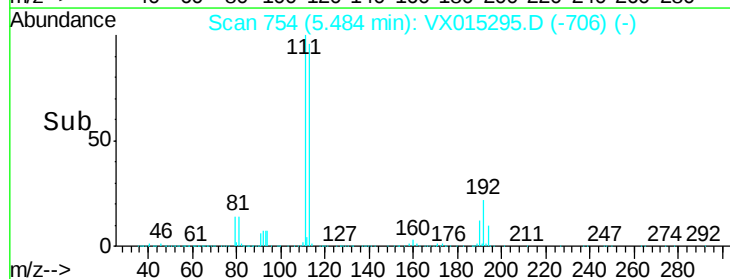
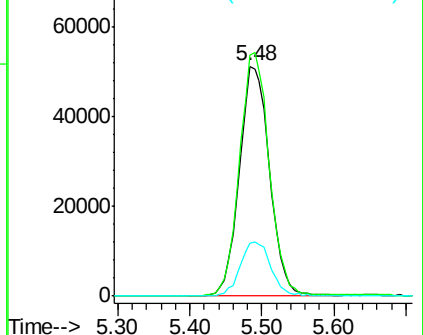
192 24.1 18.6 28.0

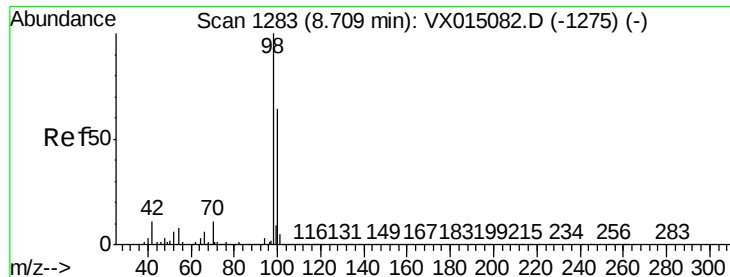


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.675 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015295.D

Acq: 16 Mar 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

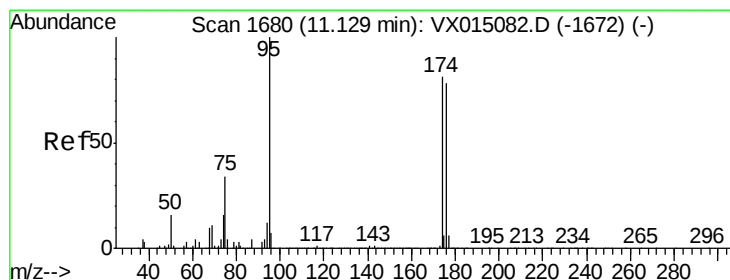
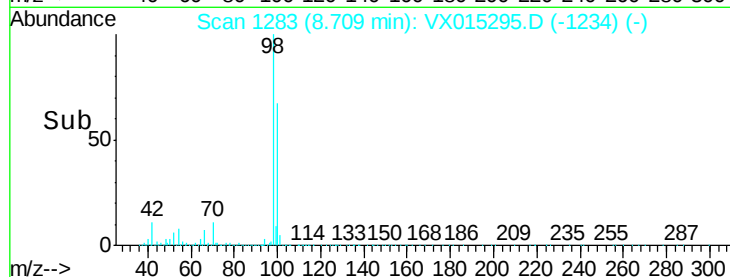
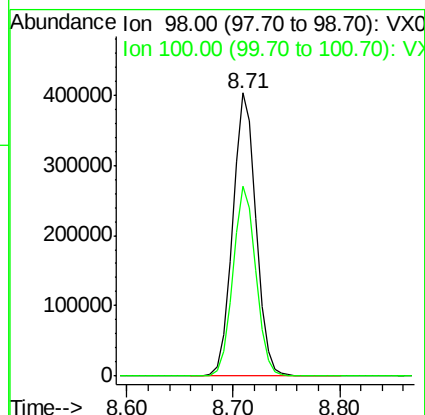
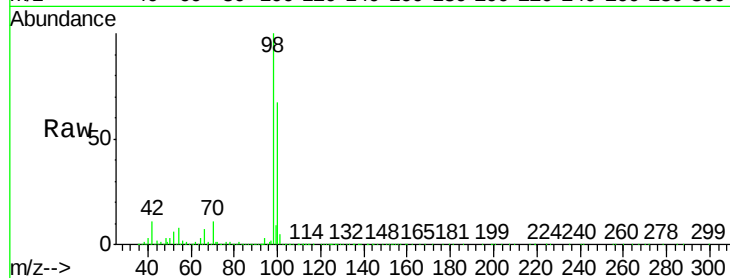
TB-20200312

Tot Ion: 98 Resp: 618694

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 53.173 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015295.D

Acq: 16 Mar 2020 15:35

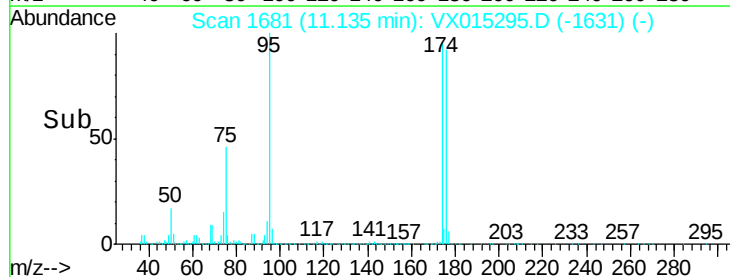
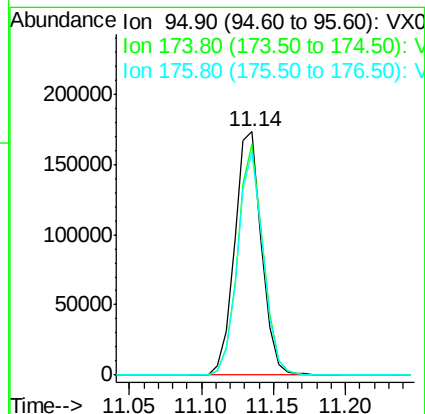
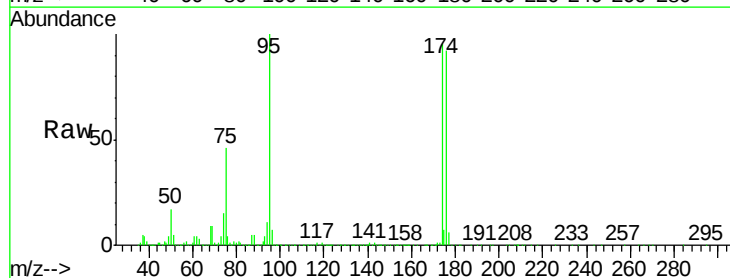
Tgt Ion: 95 Resp: 227081

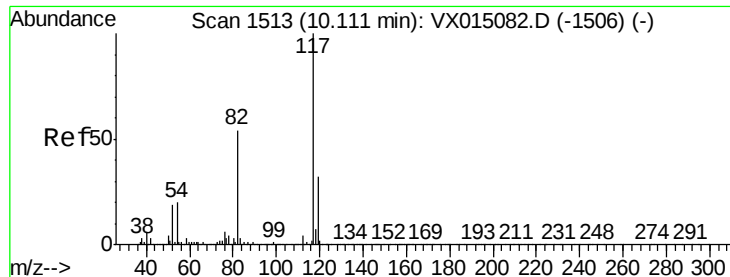
Ion Ratio Lower Upper

95 100

174 89.4 0.0 177.6

176 86.7 0.0 170.2

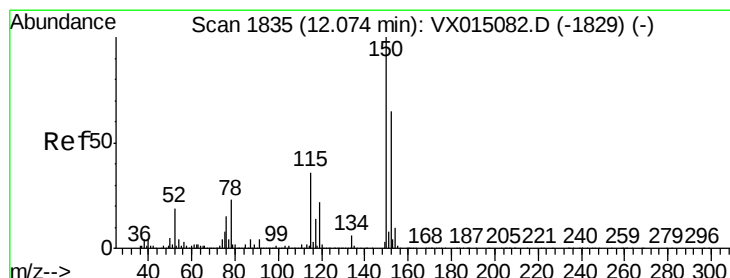
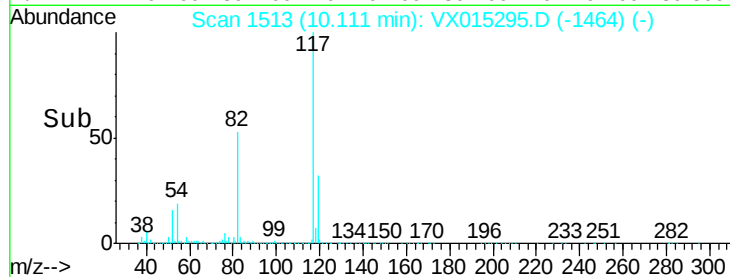
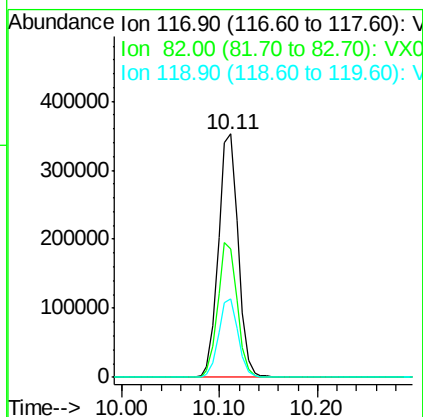
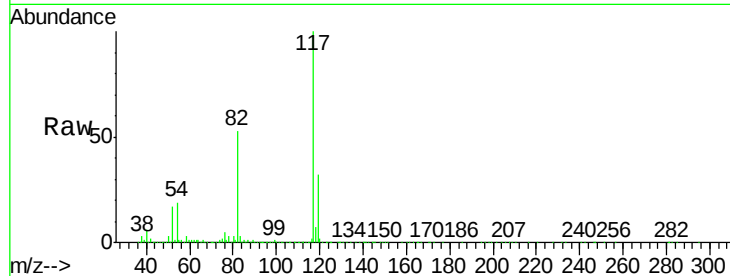




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015295.D
Acq: 16 Mar 2020 15:35

Instrument :
MSVOA_X
ClientSampleId :
TB-20200312

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.3	64.9
119	32.0	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015295.D
Acq: 16 Mar 2020 15:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	38.2	114.6
150	156.8	0.0	343.8

