

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112119\
 Data File : VX013498.D
 Acq On : 21 Nov 2019 13:17
 Operator : JC/SP
 Sample : K5962-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-20191120

Quant Time: Nov 22 02:53:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

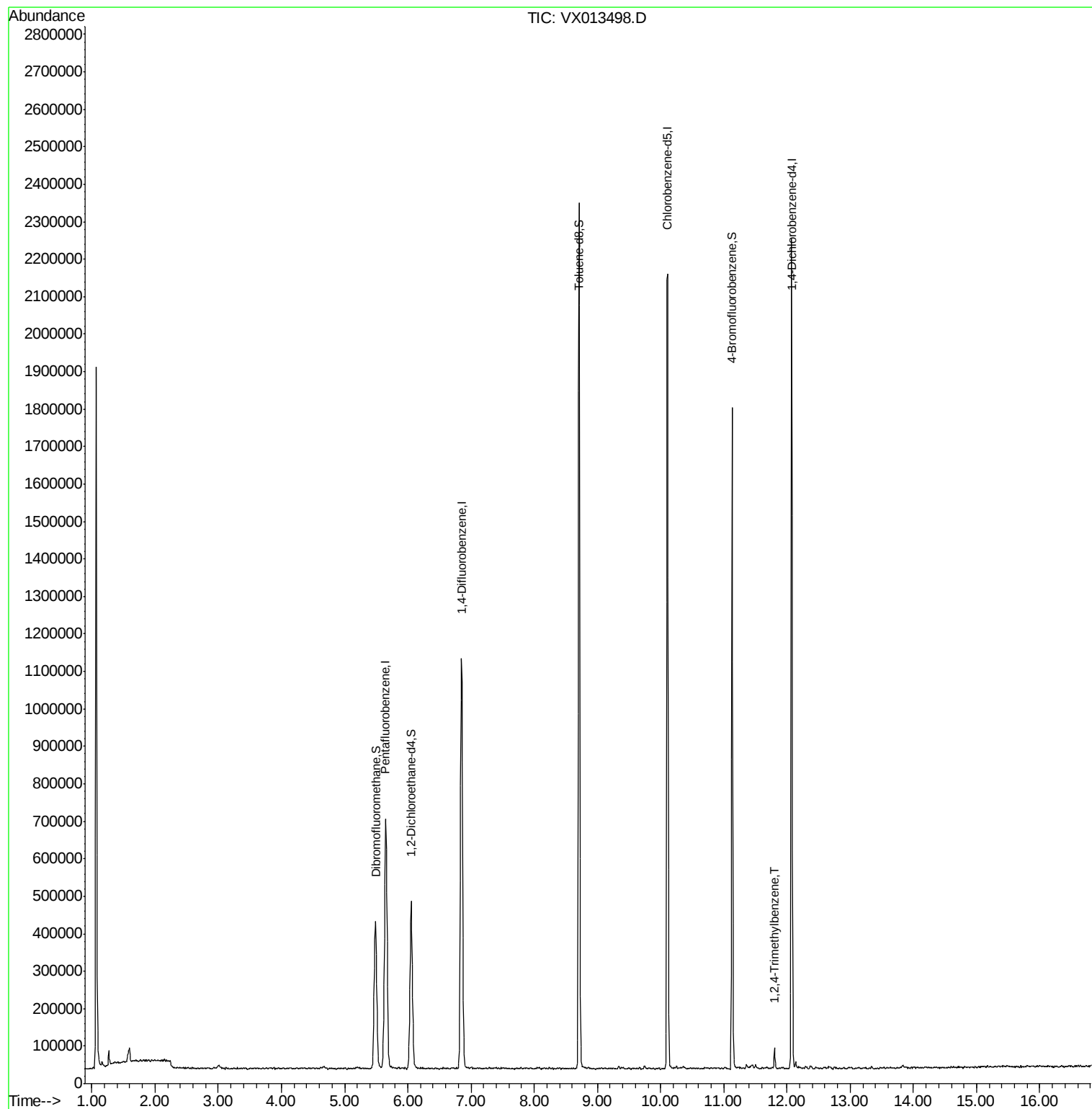
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	704246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1140043	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1019863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	464197	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	413295	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
35) Dibromofluoromethane	5.49	113	338129	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
50) Toluene-d8	8.71	98	1362469	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.14	95	452692	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	11.81	105	25731	1.001	ug/l	Qvalue 99

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

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QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013498.D

Acq: 21 Nov 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

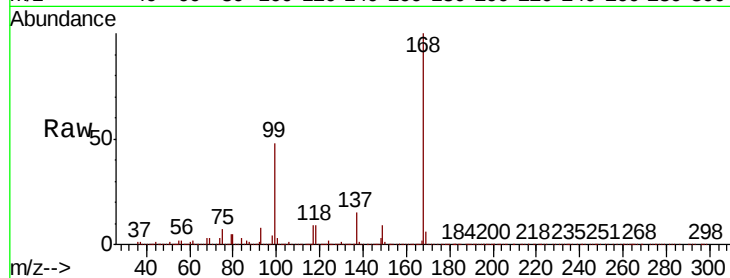
TB-01-20191120

Tot Ion:168 Resp: 704246

Ion Ratio Lower Upper

168 100

99 48.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

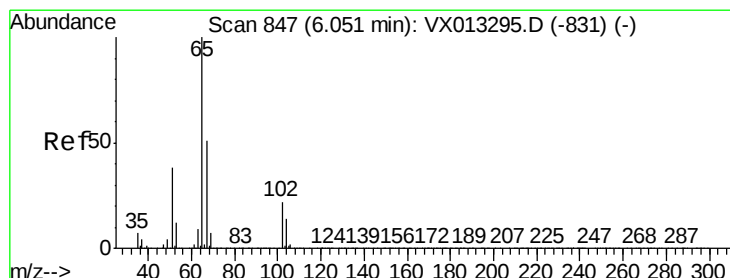
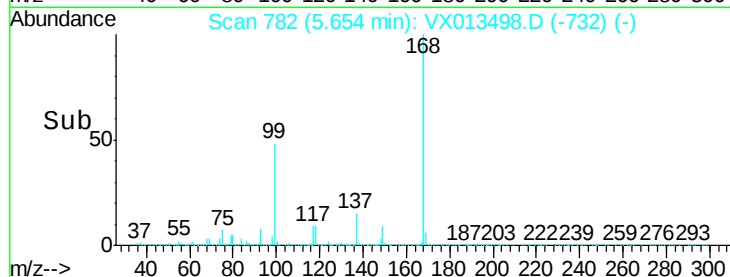
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.537 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013498.D

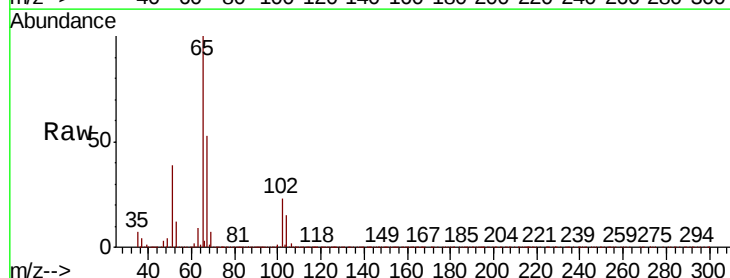
Acq: 21 Nov 2019 13:17

Tgt Ion: 65 Resp: 413295

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

150000

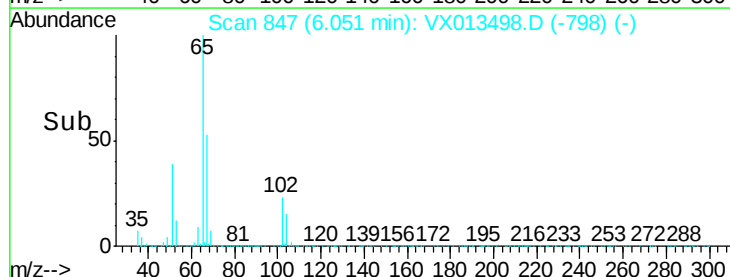
100000

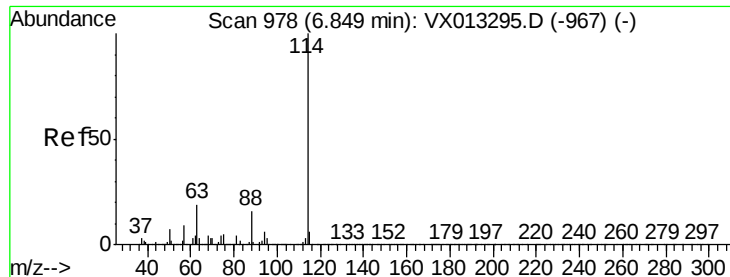
50000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013498.D

Acq: 21 Nov 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

TB-01-20191120

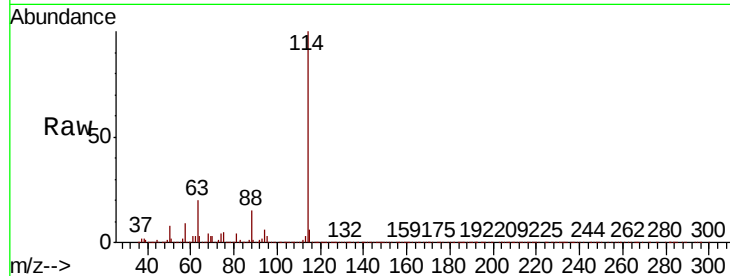
Tot Ion:114 Resp: 1140043

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

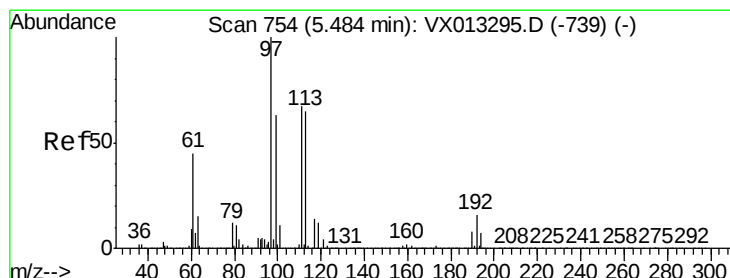
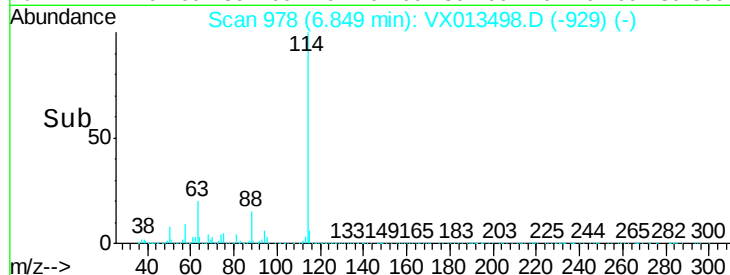
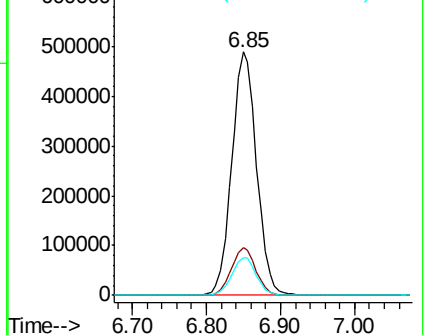
88 15.1 0.0 32.2



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: 47.288 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013498.D

Acq: 21 Nov 2019 13:17

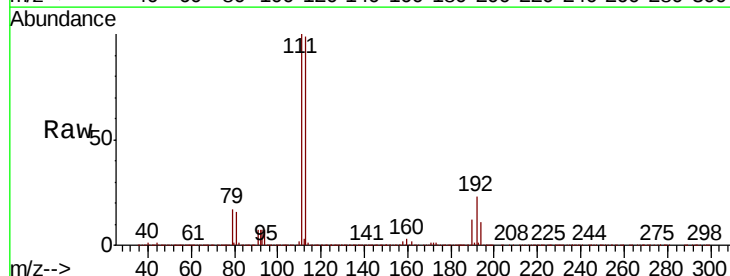
Tgt Ion:113 Resp: 338129

Ion Ratio Lower Upper

113 100

111 103.7 81.9 122.9

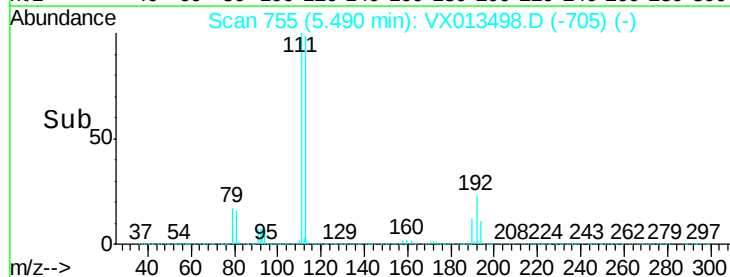
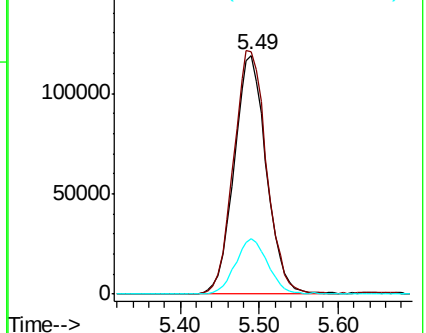
192 23.4 19.1 28.7

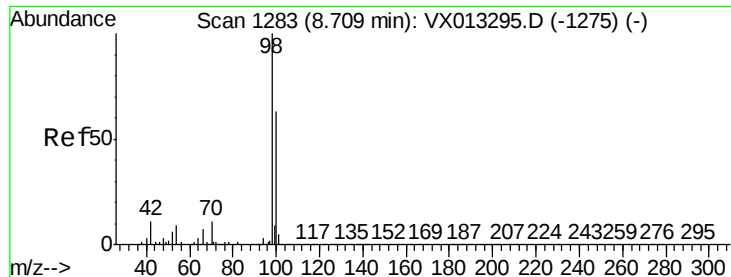


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.543 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013498.D

Acq: 21 Nov 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

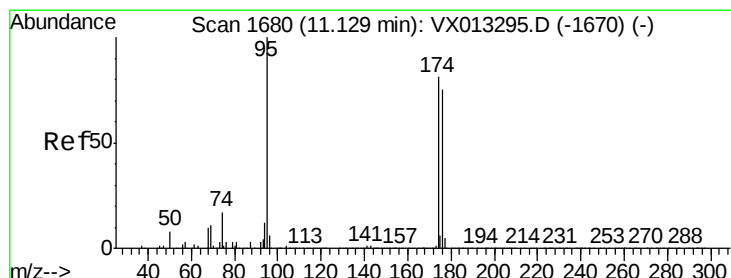
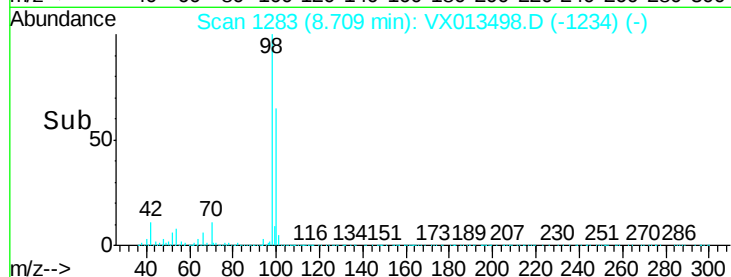
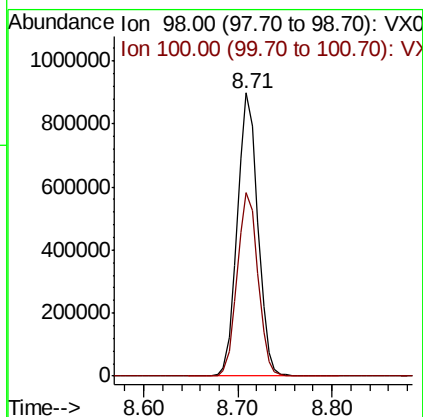
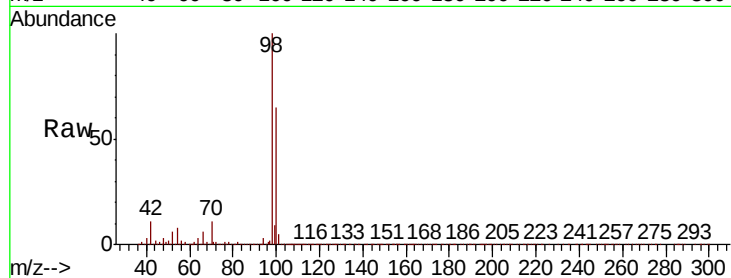
TB-01-20191120

Tot Ion: 98 Resp: 1362469

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 46.531 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013498.D

Acq: 21 Nov 2019 13:17

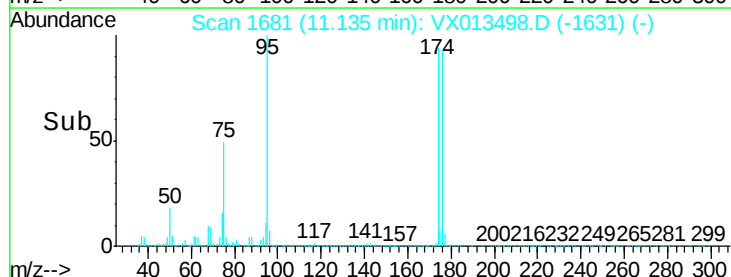
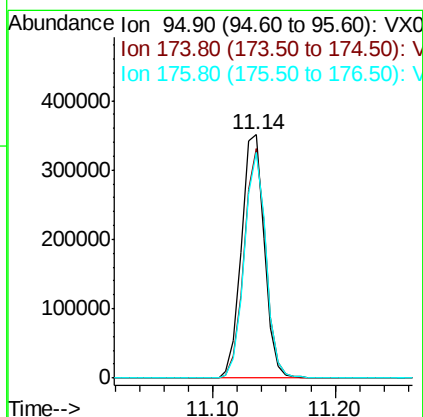
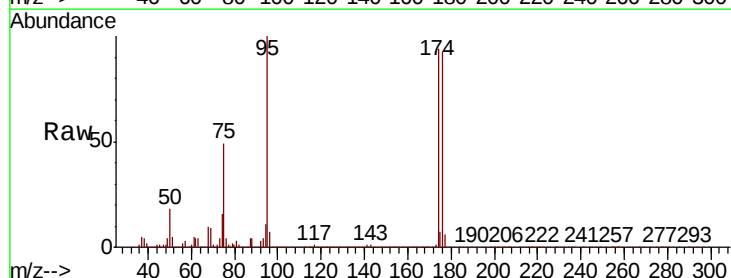
Tgt Ion: 95 Resp: 452692

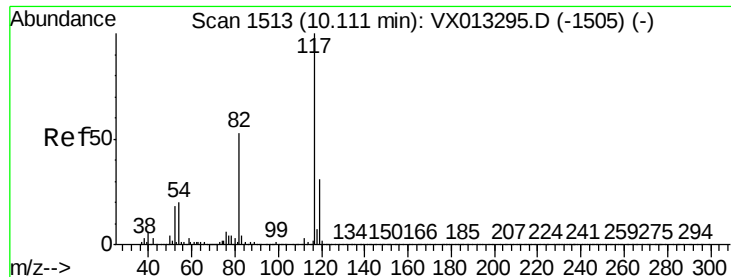
Ion Ratio Lower Upper

95 100

174 89.7 0.0 179.8

176 88.2 0.0 173.0

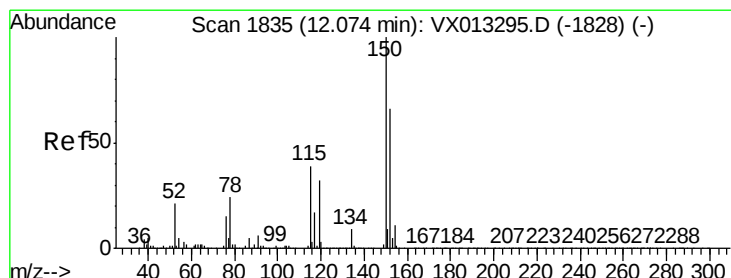
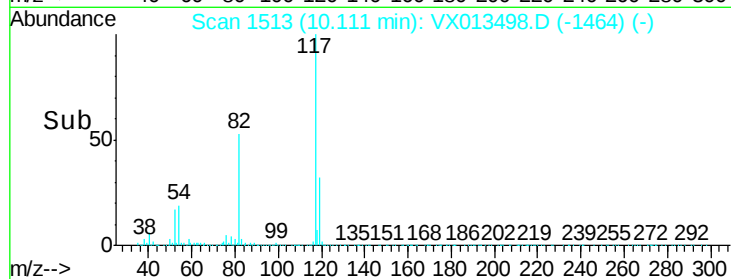
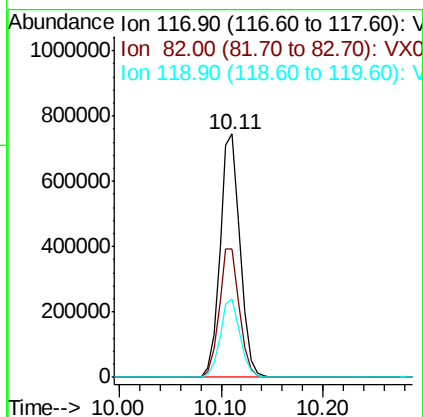
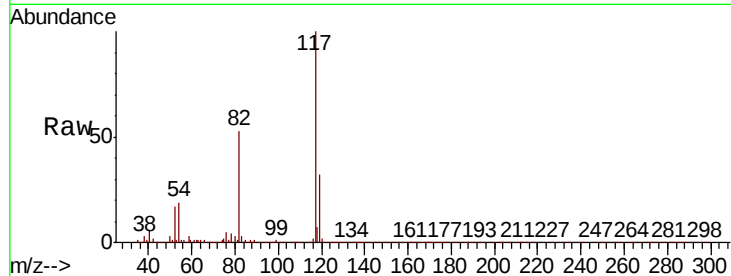




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013498.D
Acq: 21 Nov 2019 13:17

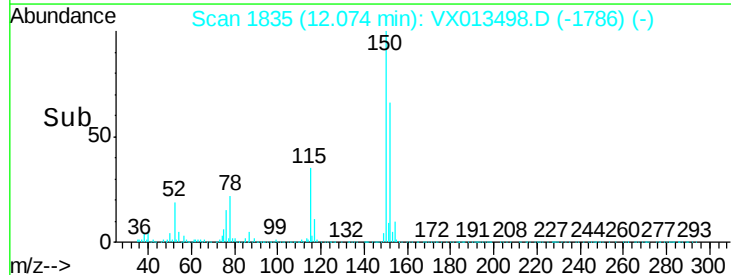
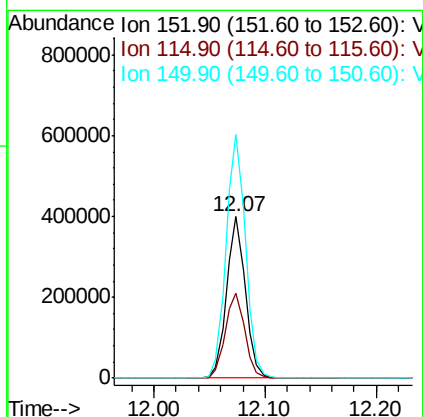
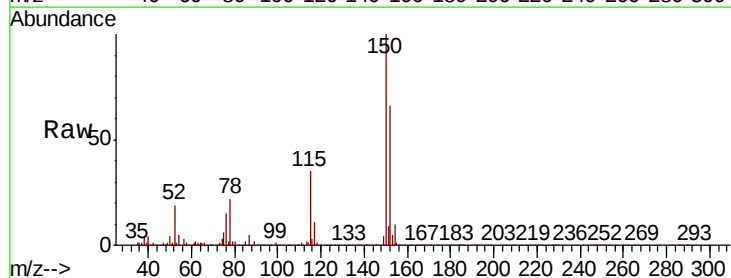
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20191120

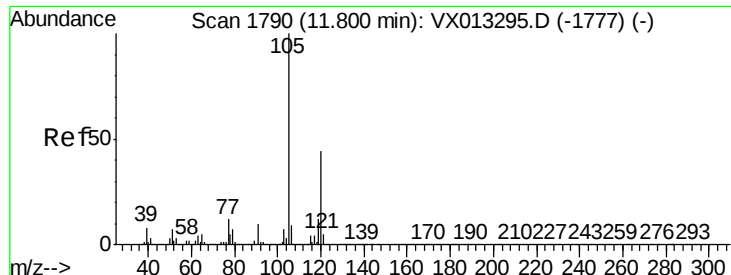
Tot Ion:117 Resp: 1019863
Ion Ratio Lower Upper
117 100
82 52.7 42.6 64.0
119 32.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013498.D
Acq: 21 Nov 2019 13:17

Tgt Ion:152 Resp: 464197
Ion Ratio Lower Upper
152 100
115 54.7 39.5 118.3
150 156.2 0.0 344.4





#84

1,2,4-Trimethylbenzene

Concen: 1.001 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VX013498.D

Acq: 21 Nov 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

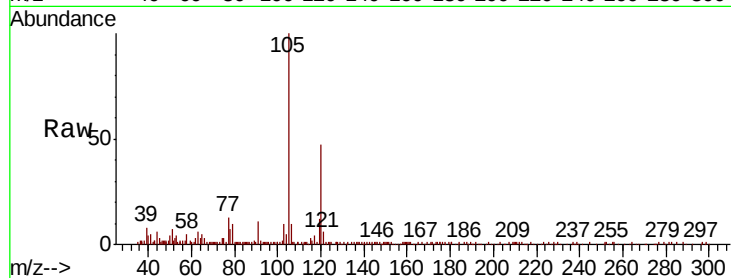
TB-01-20191120

Tot Ion:105 Resp: 25731

Ion Ratio Lower Upper

105 100

120 46.3 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

