

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013619.D
 Acq On : 26 Nov 2019 23:59
 Operator : JC/SP
 Sample : K5968-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-20191121

Quant Time: Nov 27 04:52:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	658487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1043344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	928748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	421129	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	374942	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
35) Dibromofluoromethane	5.49	113	310029	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
50) Toluene-d8	8.71	98	1234064	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.13	95	412700	45.54	ug/l	0.00
Spiked Amount			Recovery	=	91.08%	

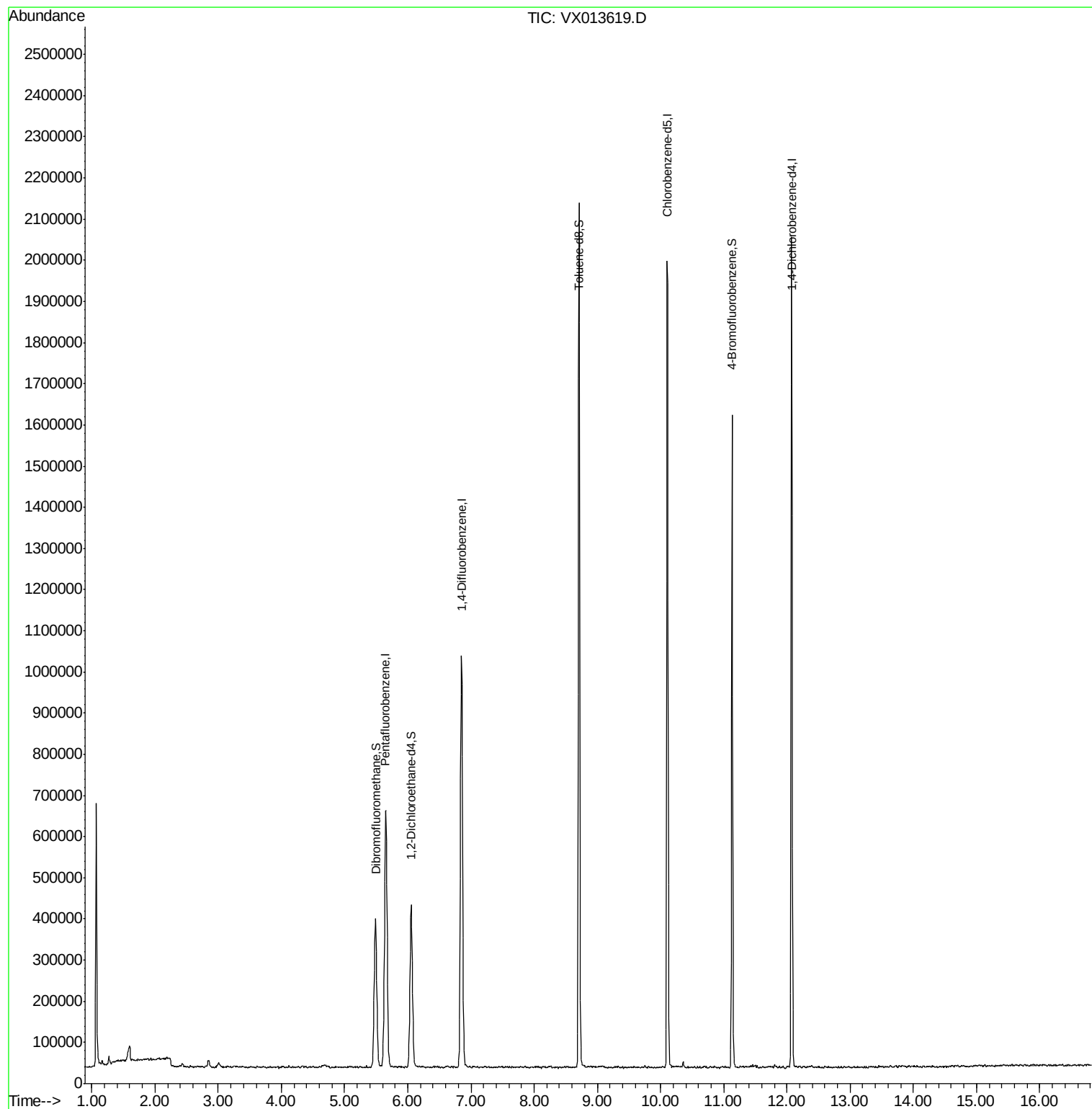
Target Compounds	Qvalue
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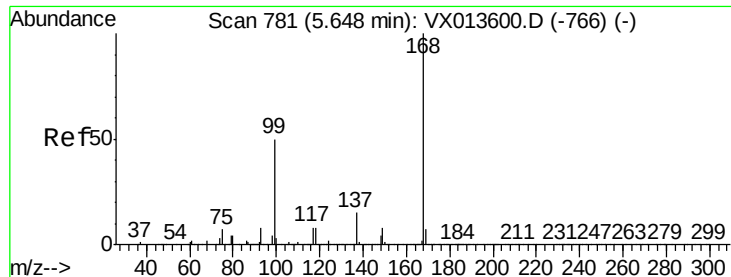
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

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Acq: 26 Nov 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

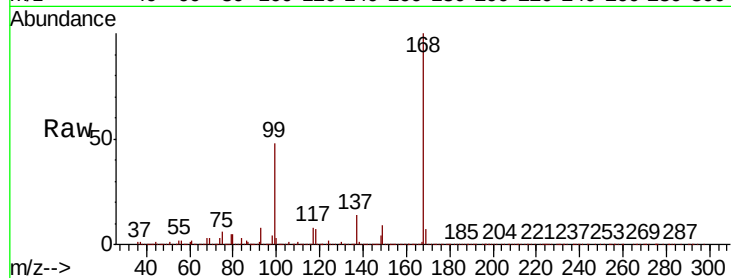
TB-01-20191121

Tot Ion:168 Resp: 658487

Ion Ratio Lower Upper

168 100

99 47.3 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

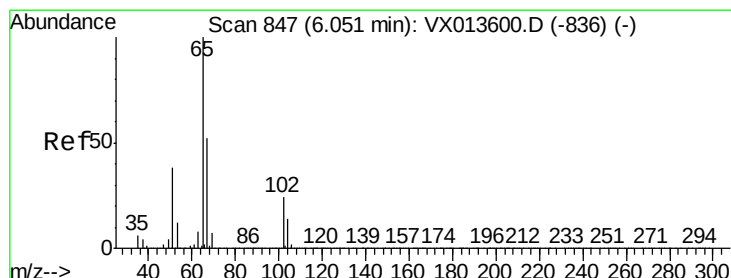
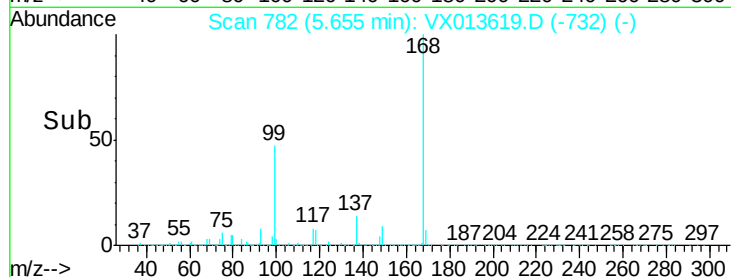
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.053 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013619.D

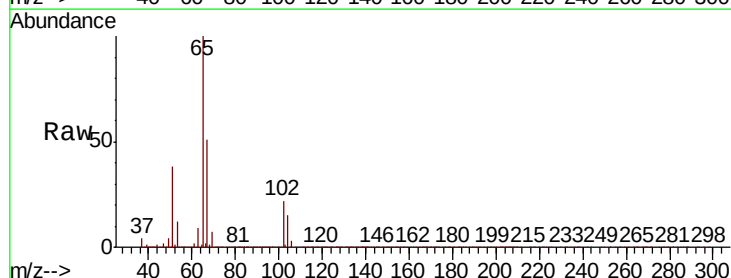
Acq: 26 Nov 2019 23:59

Tgt Ion: 65 Resp: 374942

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

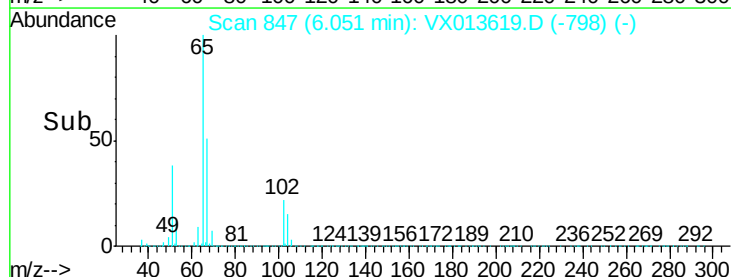
150000

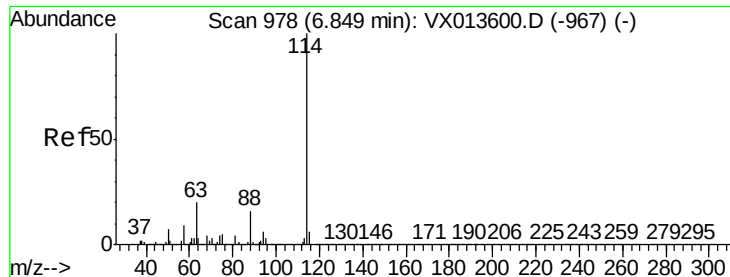
100000

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: VX013619.D

Acq: 26 Nov 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

TB-01-20191121

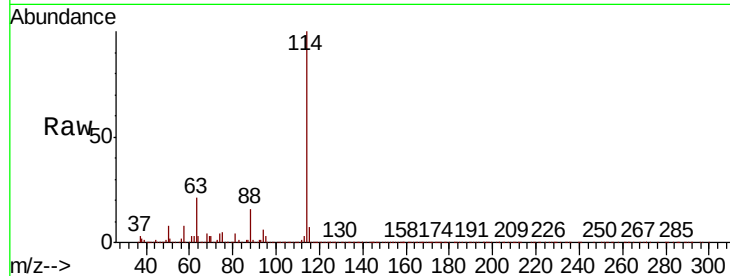
Tot Ion:114 Resp: 1043344

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

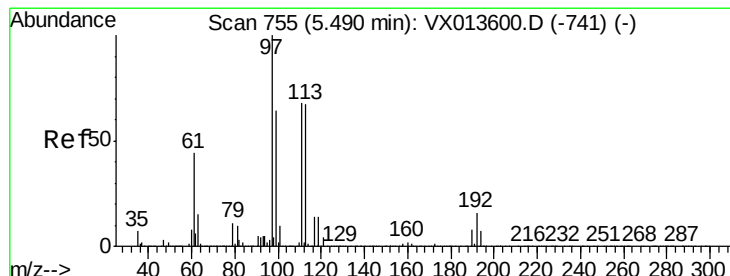
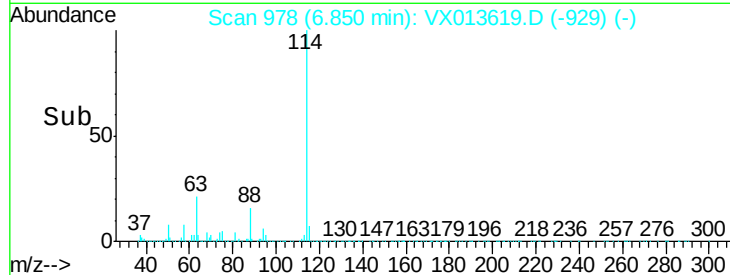
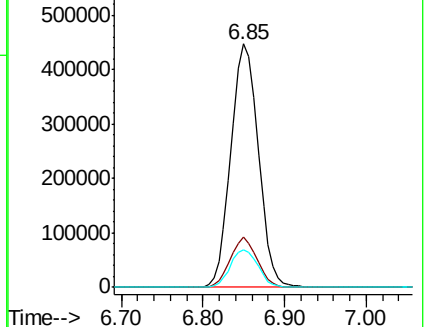
88 15.5 0.0 31.4



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: 48.066 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013619.D

Acq: 26 Nov 2019 23:59

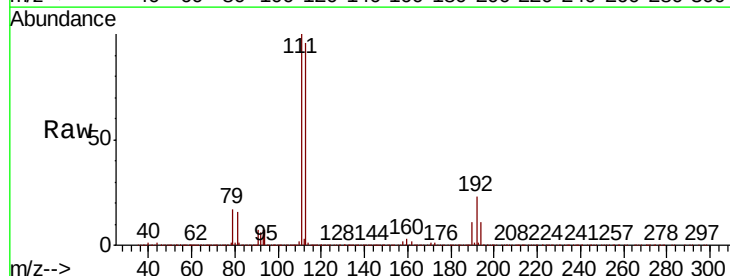
Tgt Ion:113 Resp: 310029

Ion Ratio Lower Upper

113 100

111 102.5 83.6 125.4

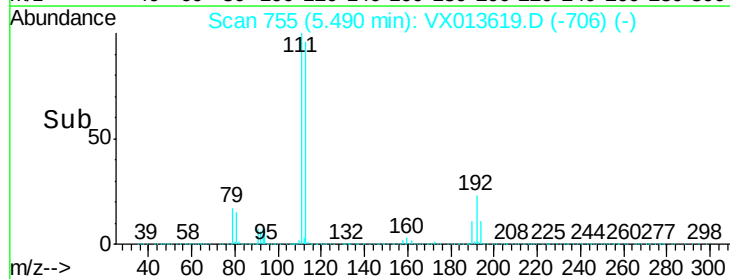
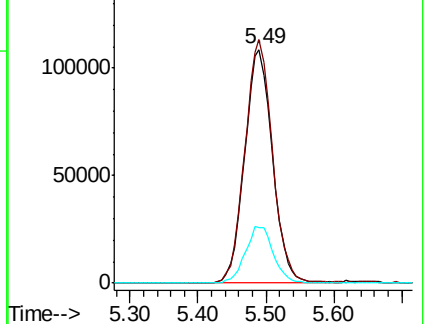
192 24.1 19.2 28.8

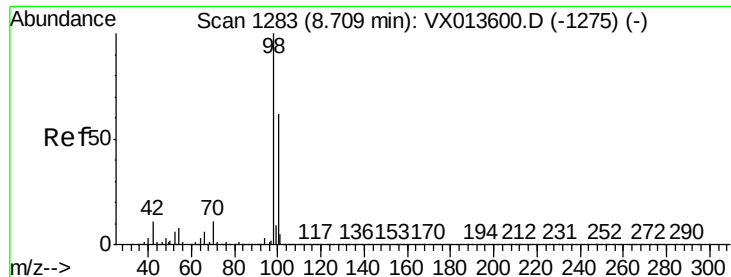


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.107 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013619.D

Acq: 26 Nov 2019 23:59

Instrument :

MSVOA_X

ClientSampleId :

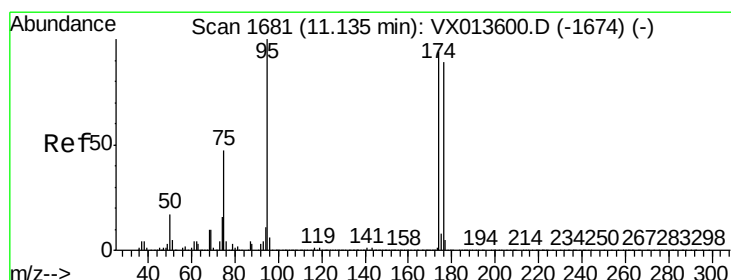
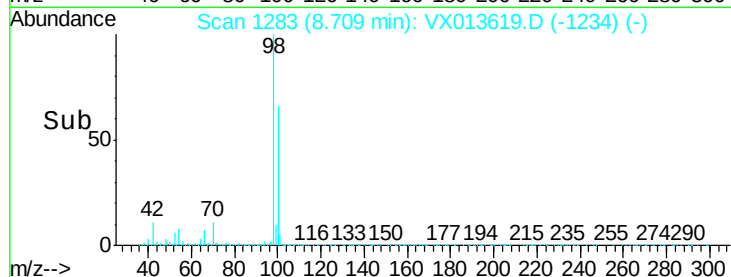
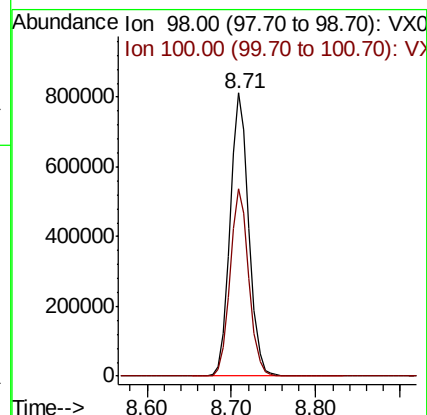
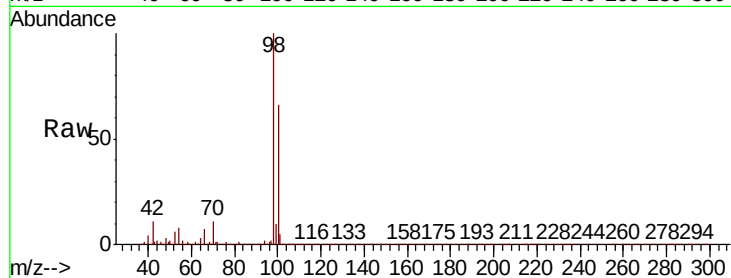
TB-01-20191121

Tot Ion: 98 Resp: 1234064

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.542 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013619.D

Acq: 26 Nov 2019 23:59

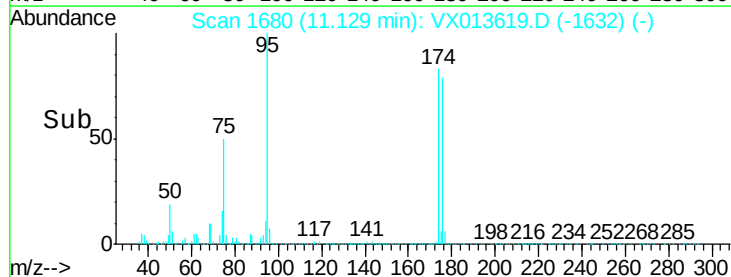
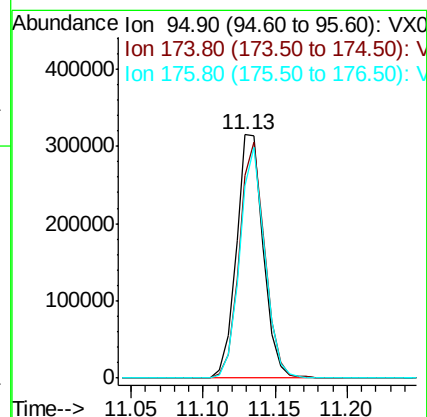
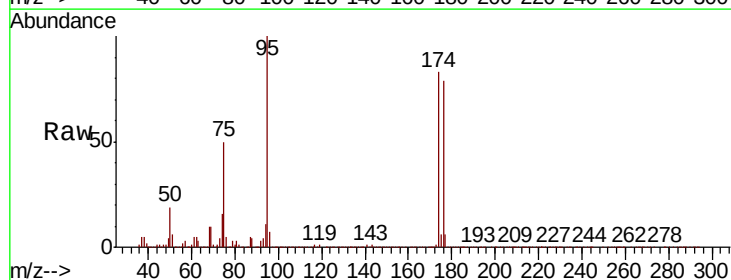
Tgt Ion: 95 Resp: 412700

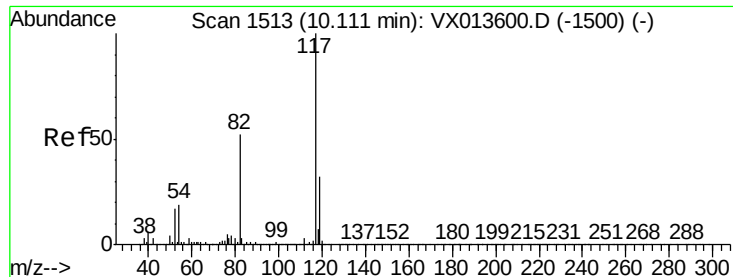
Ion Ratio Lower Upper

95 100

174 91.1 0.0 180.0

176 88.3 0.0 173.6

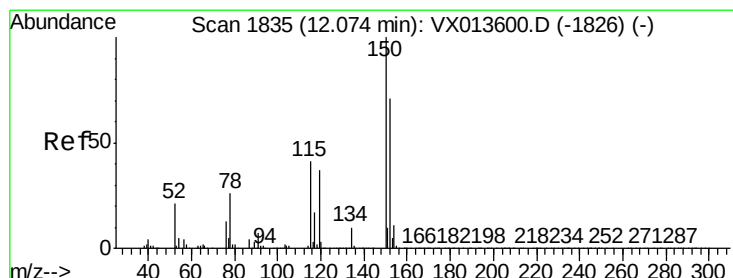
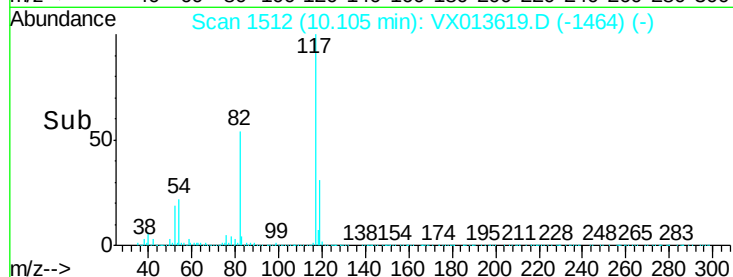
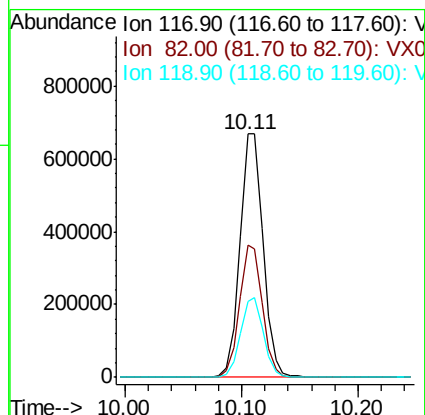
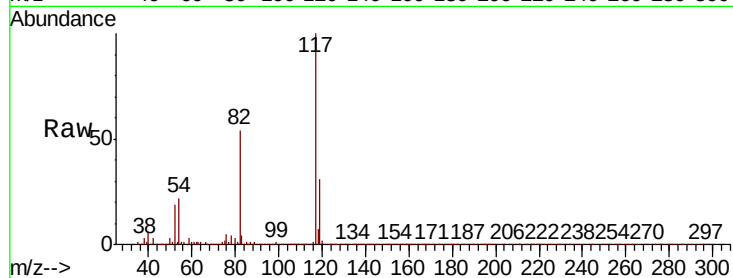




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013619.D
Acq: 26 Nov 2019 23:59

Instrument :
MSVOA_X
ClientSampleId :
TB-01-20191121

Tot Ion:117 Resp: 928748
Ion Ratio Lower Upper
117 100
82 54.0 41.8 62.8
119 31.2 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: VX013619.D
Acq: 26 Nov 2019 23:59

Tgt Ion:152 Resp: 421129
Ion Ratio Lower Upper
152 100
115 54.6 38.4 115.1
150 157.4 0.0 346.8

