

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013555.D
 Acq On : 23 Nov 2019 00:30
 Operator : JC/SP
 Sample : K5962-03DL 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20191120DL

Quant Time: Nov 23 03:01:04 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

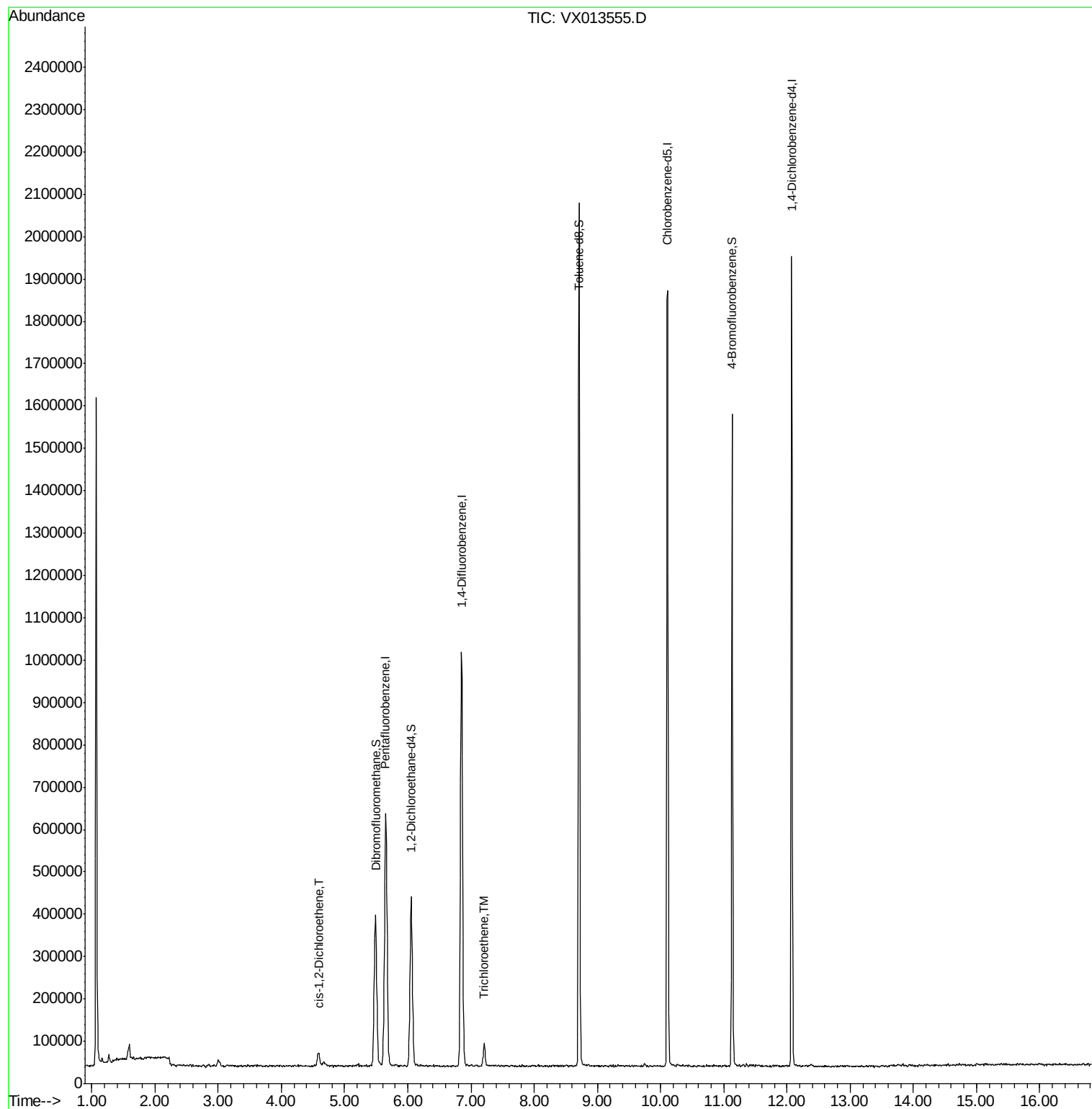
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	629844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1012949	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	886814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	394015	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	370842	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
35) Dibromofluoromethane	5.49	113	304233	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
50) Toluene-d8	8.71	98	1208475	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.14	95	399960	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.58	96	21446	3.043	ug/l	93
44) Trichloroethene	7.20	130	23085	3.098	ug/l	97

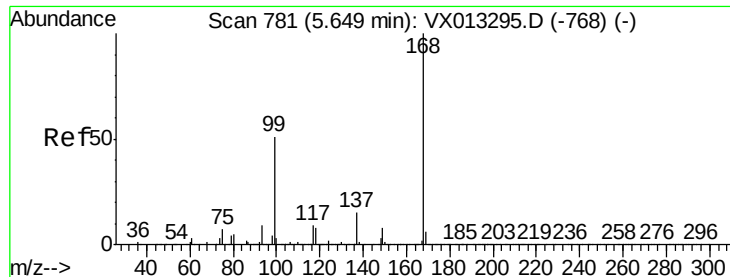
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013555.D

Acq: 23 Nov 2019 00:30

Instrument :

MSVOA_X

ClientSampleId :

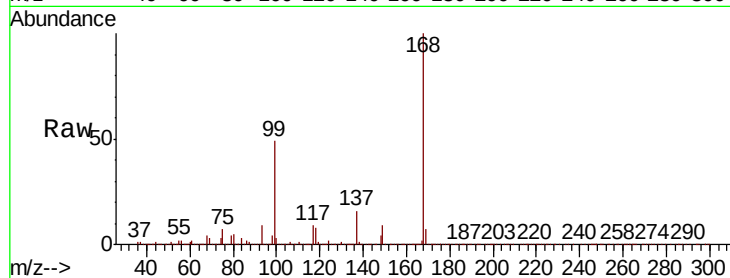
15BR-20191120DL

Tot Ion:168 Resp: 629844

Ion Ratio Lower Upper

168 100

99 49.2 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

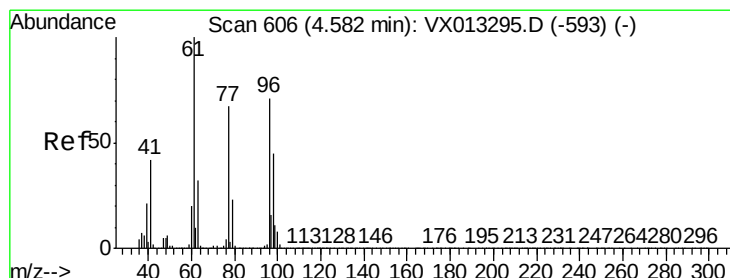
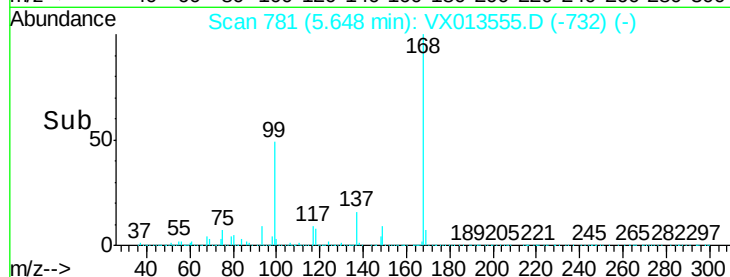
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 3.043 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.00 min

Lab File: VX013555.D

Acq: 23 Nov 2019 00:30

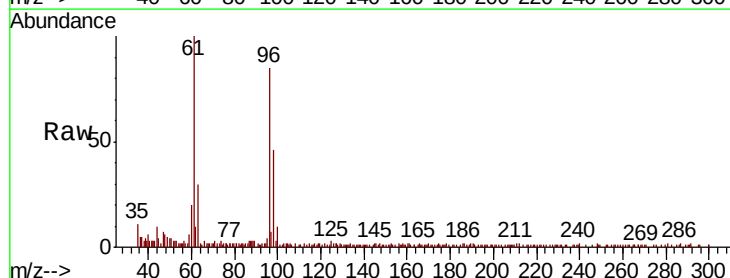
Tgt Ion: 96 Resp: 21446

Ion Ratio Lower Upper

96 100

61 132.6 0.0 288.0

98 66.0 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

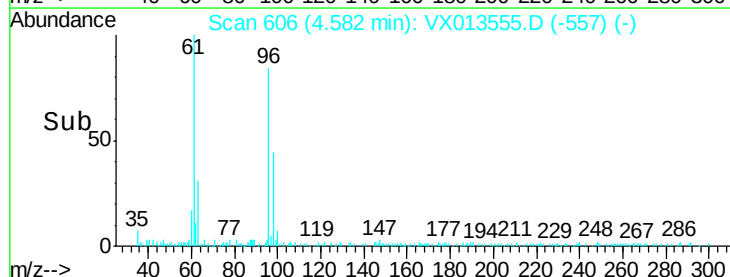
4.58

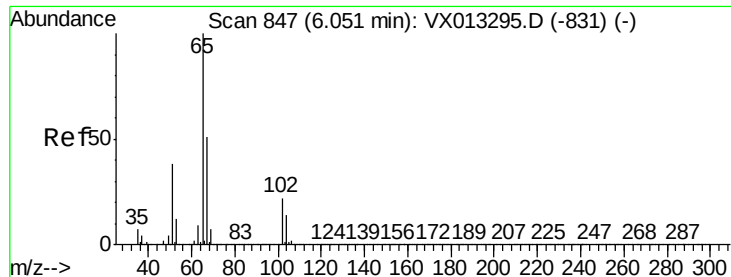
10000

5000

0

Time-->

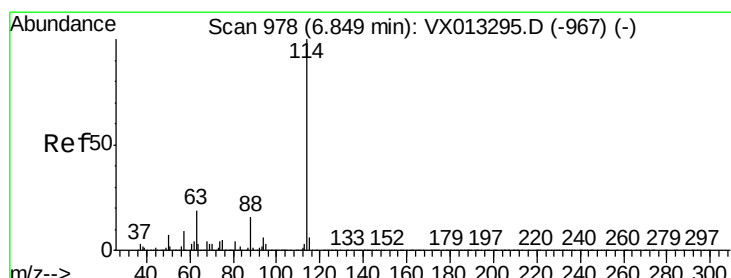
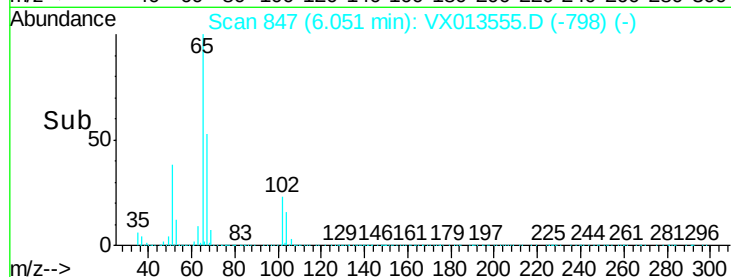
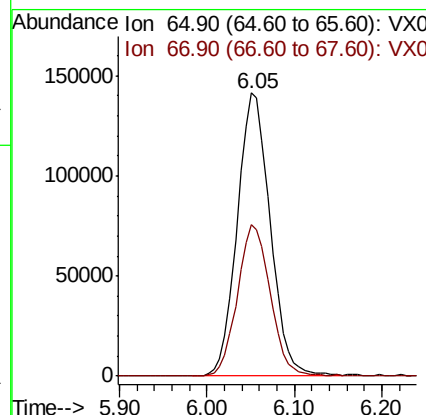
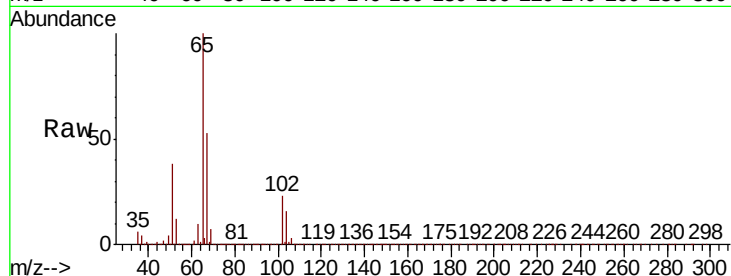




#33
 1,2-Dichloroethane-d4
 Concen: 49.699 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013555.D
 Acq: 23 Nov 2019 00:30

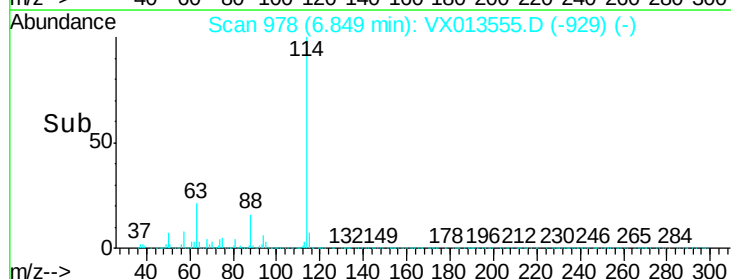
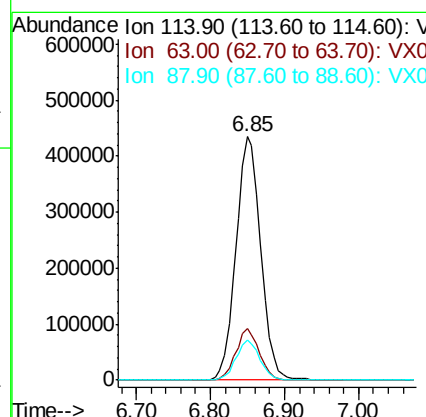
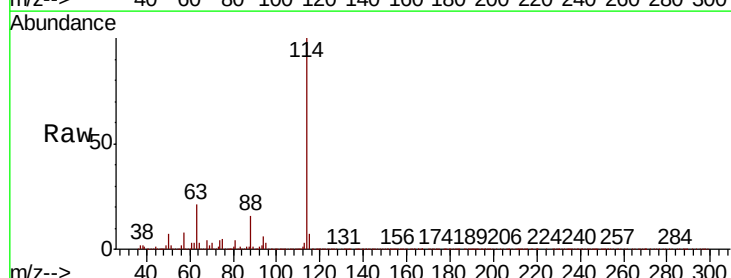
Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20191120DL

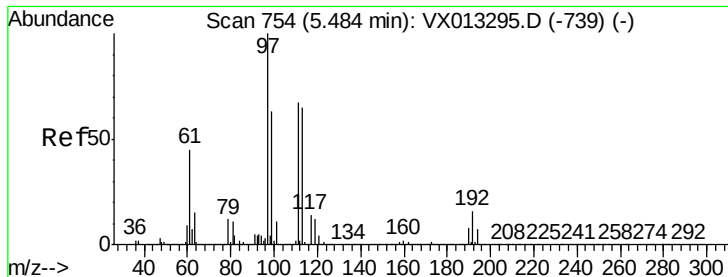
Tot Ion: 65 Resp: 370842
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013555.D
 Acq: 23 Nov 2019 00:30

Tgt Ion: 114 Resp: 1012949
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 38.4
 88 16.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 47.885 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013555.D

Acq: 23 Nov 2019 00:30

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120DL

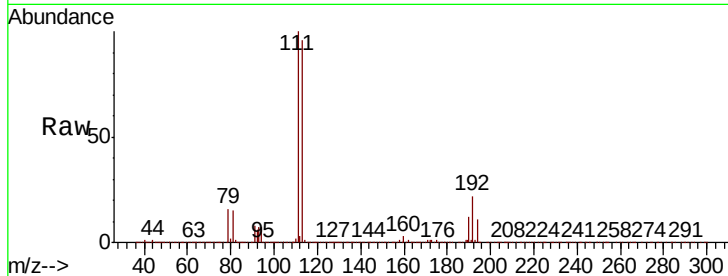
Tot Ion:113 Resp: 304233

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

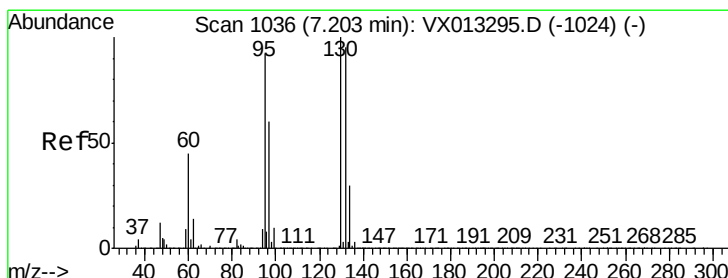
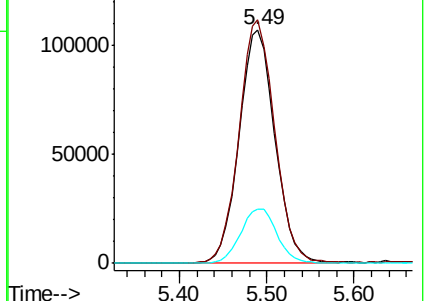
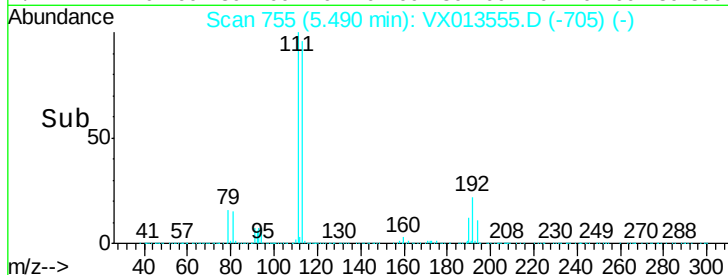
192 23.8 19.1 28.7



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



#44

Trichloroethene

Concen: 3.098 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013555.D

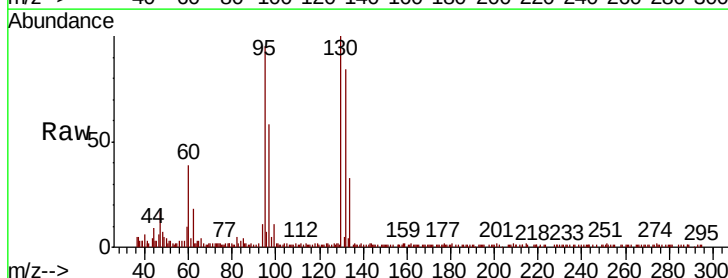
Acq: 23 Nov 2019 00:30

Tgt Ion:130 Resp: 23085

Ion Ratio Lower Upper

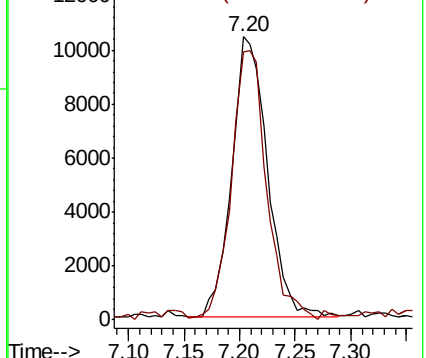
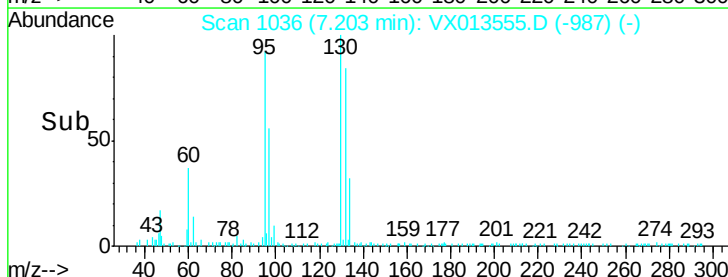
130 100

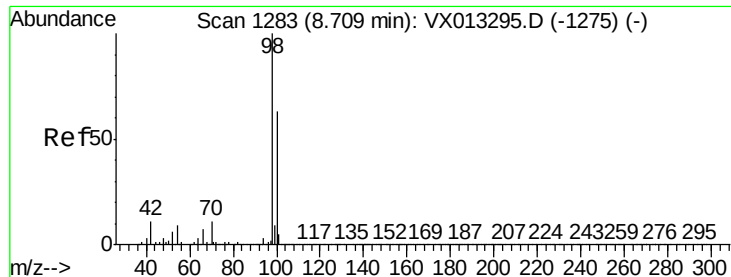
95 95.2 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.455 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013555.D

Acq: 23 Nov 2019 00:30

Instrument :

MSVOA_X

ClientSampleId :

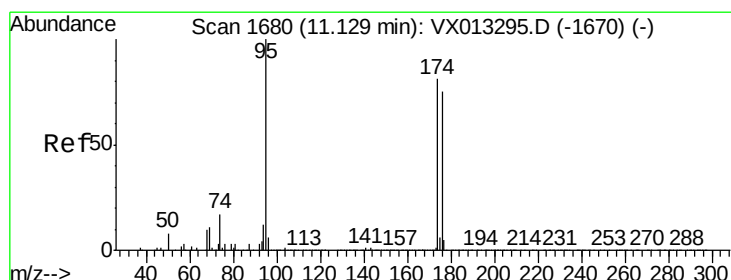
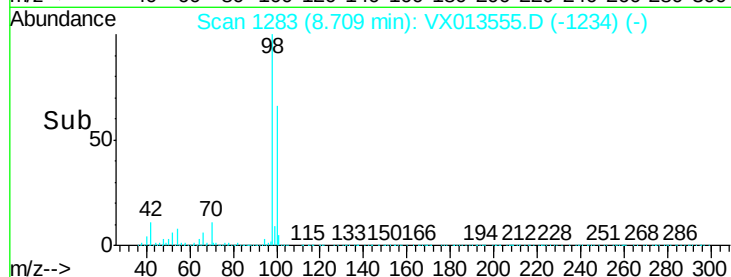
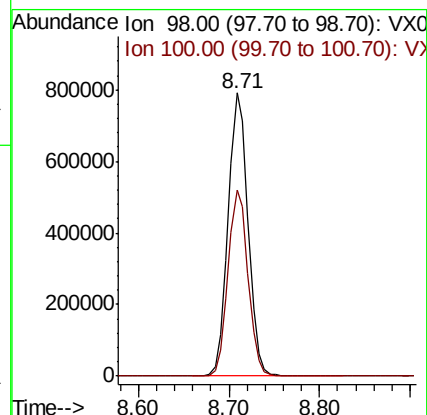
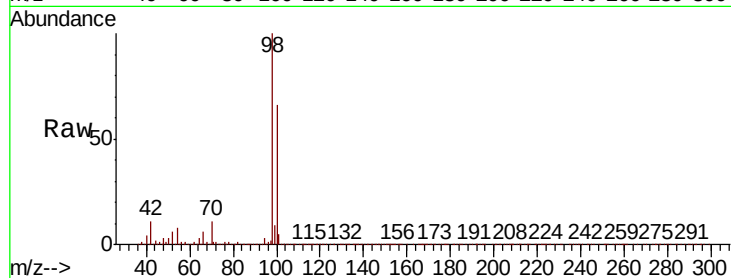
15BR-20191120DL

Tot Ion: 98 Resp: 1208475

Ion Ratio Lower Upper

98 100

100 66.0 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 46.269 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013555.D

Acq: 23 Nov 2019 00:30

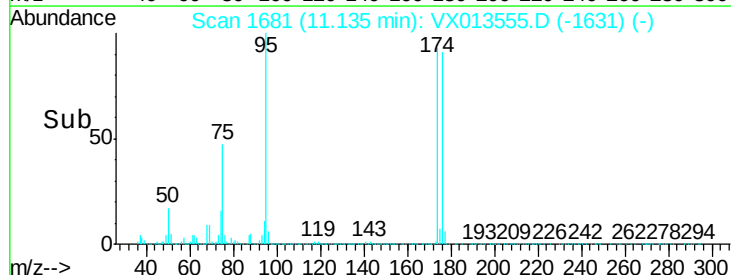
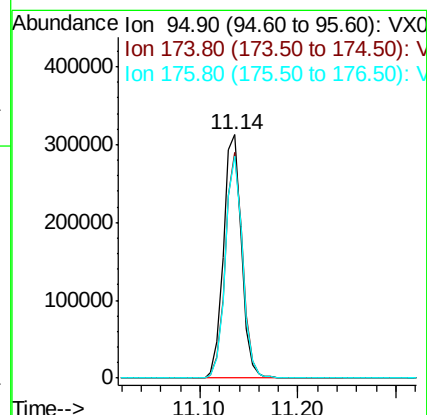
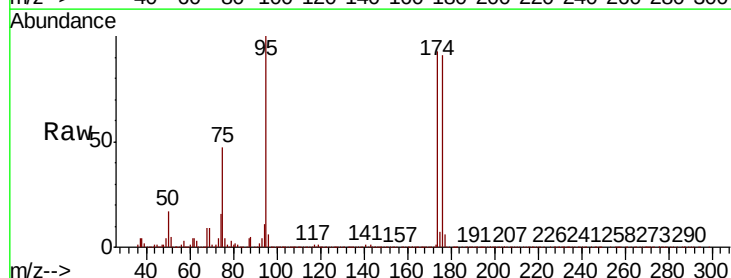
Tgt Ion: 95 Resp: 399960

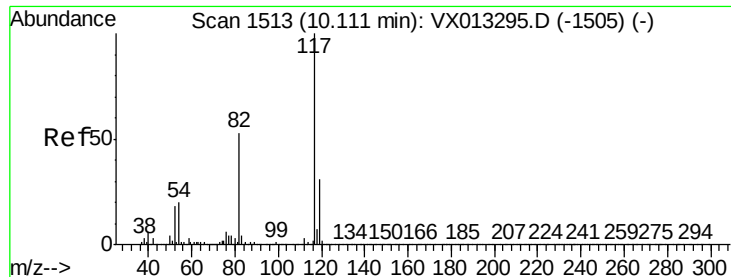
Ion Ratio Lower Upper

95 100

174 88.4 0.0 179.8

176 87.1 0.0 173.0

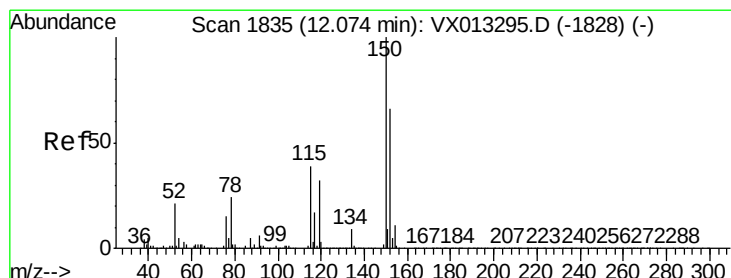
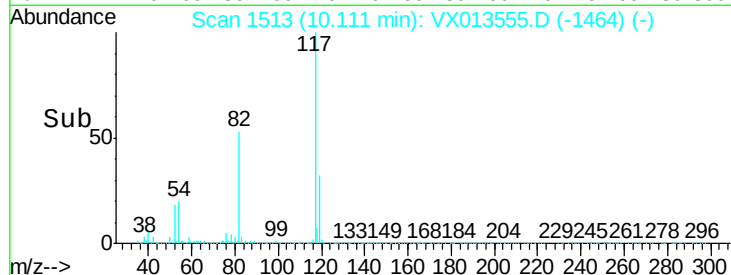
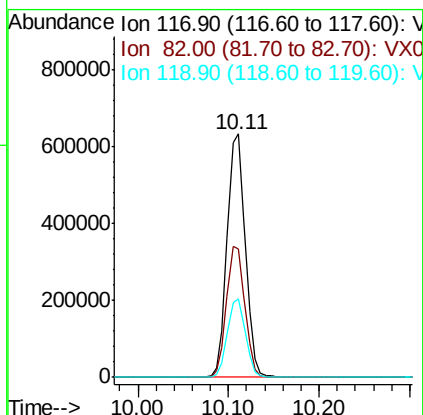
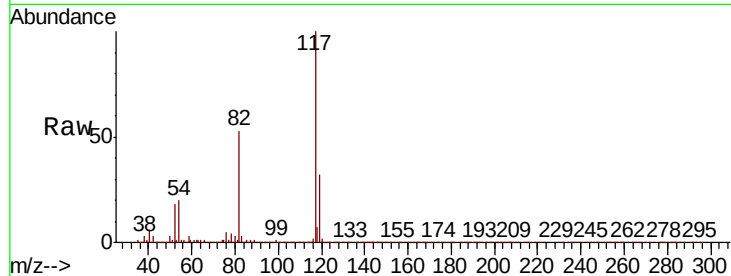




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013555.D
Acq: 23 Nov 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120DL

Tot Ion:117 Resp: 886814
Ion Ratio Lower Upper
117 100
82 52.9 42.6 64.0
119 32.5 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: VX013555.D
Acq: 23 Nov 2019 00:30

Tgt Ion:152 Resp: 394015
Ion Ratio Lower Upper
152 100
115 54.9 39.5 118.3
150 155.7 0.0 344.4

