

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112119\
 Data File : VX013511.D
 Acq On : 21 Nov 2019 18:20
 Operator : JC/SP
 Sample : K5962-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22BR-20191120

Quant Time: Nov 22 08:46:52 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

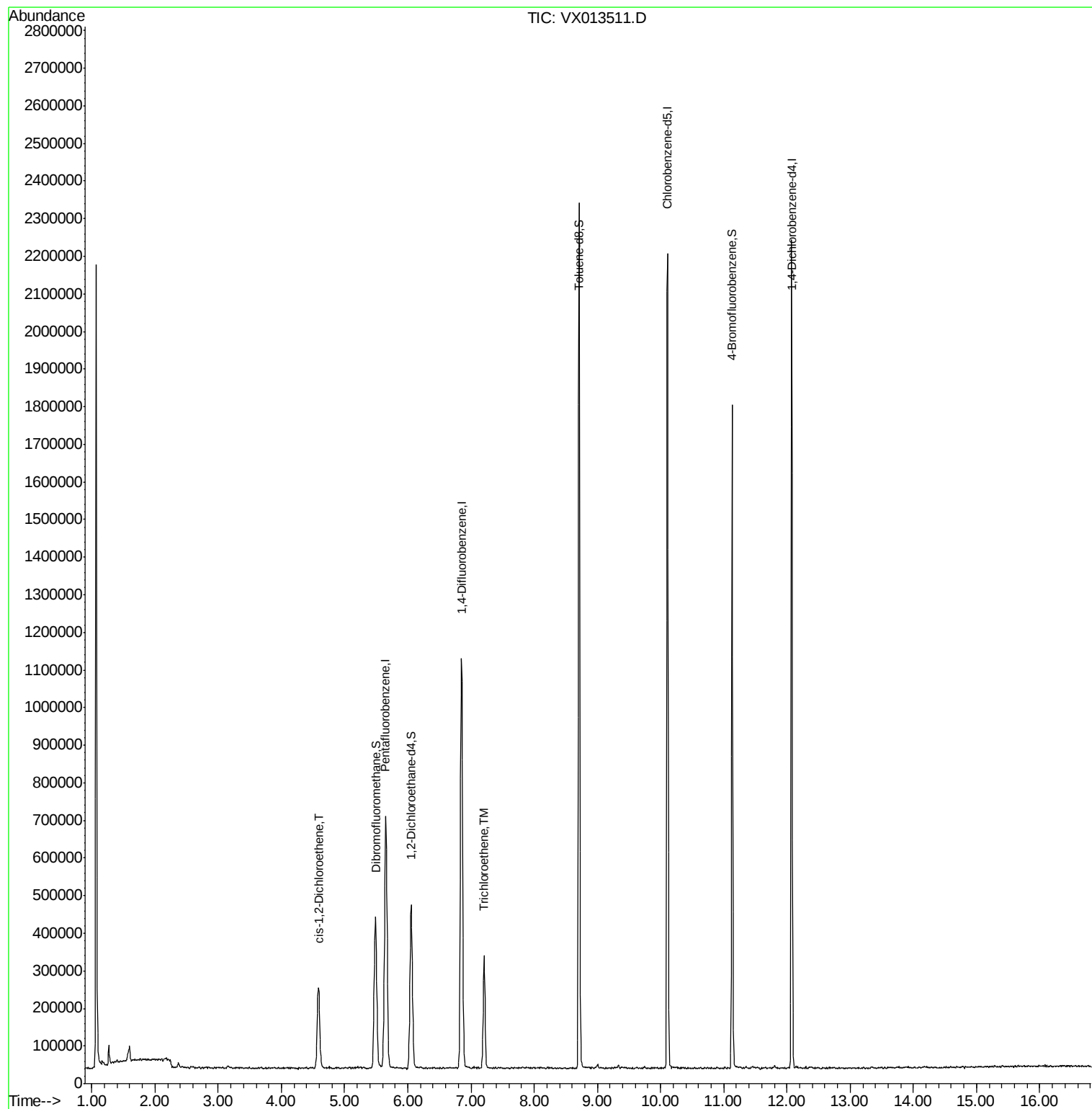
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	706860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1140697	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1025870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	453711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	414537	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
35) Dibromofluoromethane	5.49	113	344289	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
50) Toluene-d8	8.71	98	1372931	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	11.14	95	454754	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	144774	18.306	ug/l	90
44) Trichloroethene	7.21	130	122831	14.639	ug/l	95

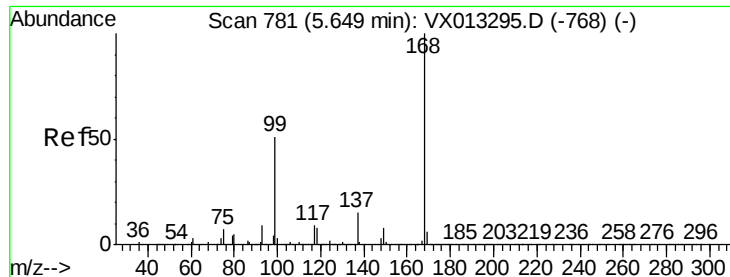
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013511.D

Acq: 21 Nov 2019 18:20

Instrument :

MSVOA_X

ClientSampleId :

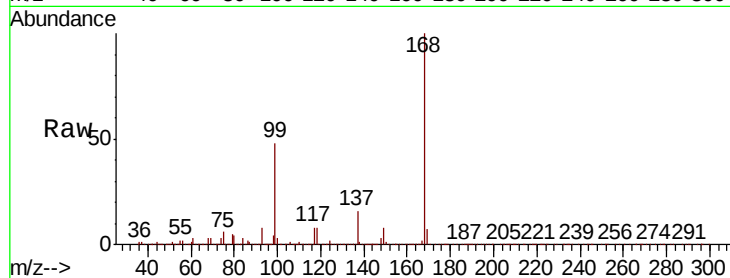
22BR-20191120

Tot Ion:168 Resp: 706860

Ion Ratio Lower Upper

168 100

99 48.1 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

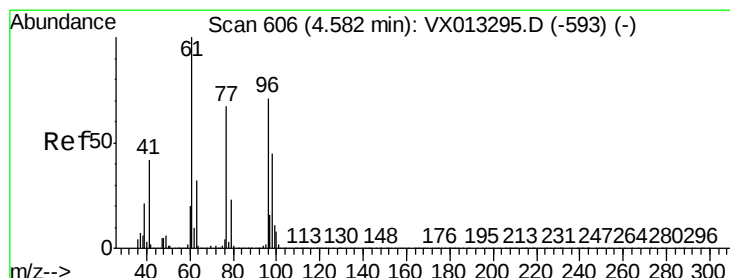
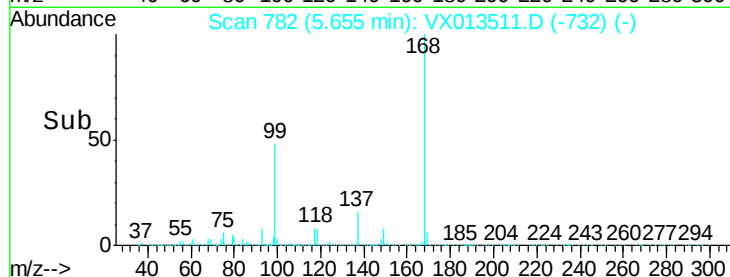
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 18.306 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013511.D

Acq: 21 Nov 2019 18:20

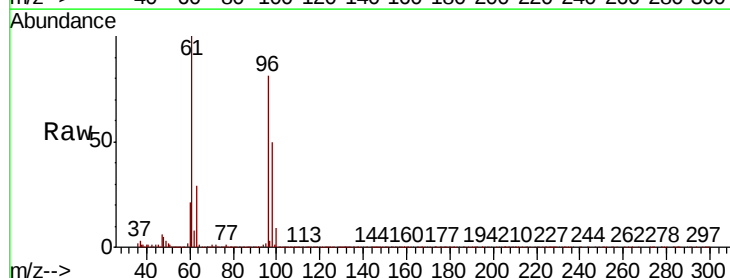
Tgt Ion: 96 Resp: 144774

Ion Ratio Lower Upper

96 100

61 125.5 0.0 288.0

98 64.5 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

4.59

80000

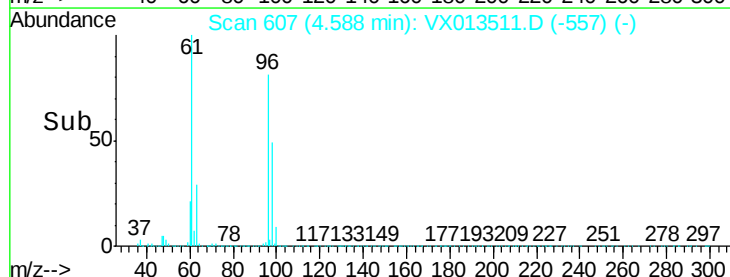
60000

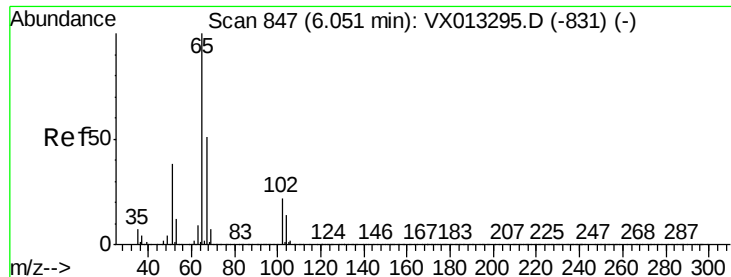
40000

20000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.502 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013511.D

Acq: 21 Nov 2019 18:20

Instrument :

MSVOA_X

ClientSampleId :

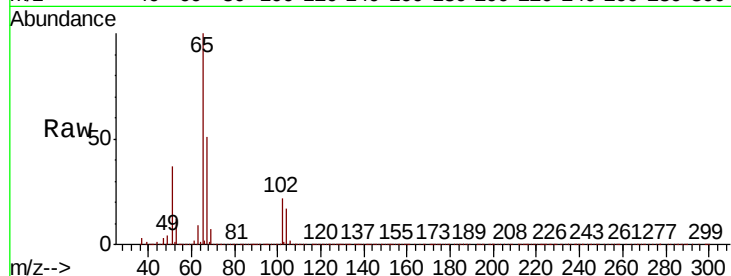
22BR-20191120

Tot Ion: 65 Resp: 414537

Ion Ratio Lower Upper

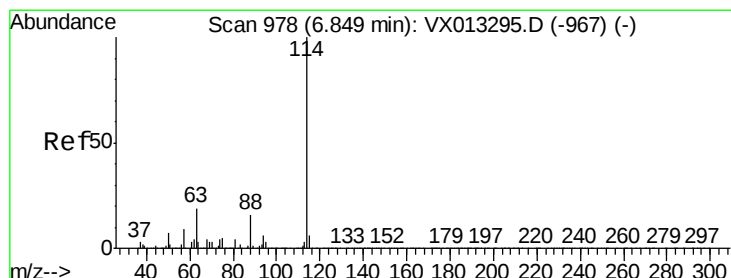
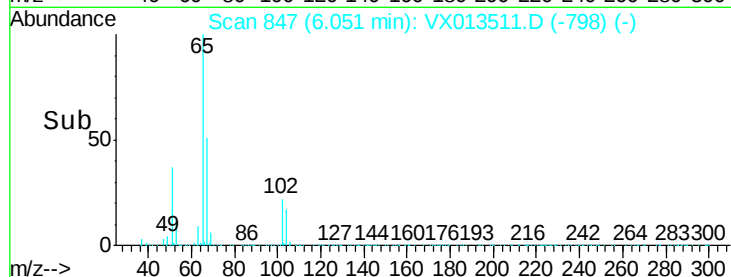
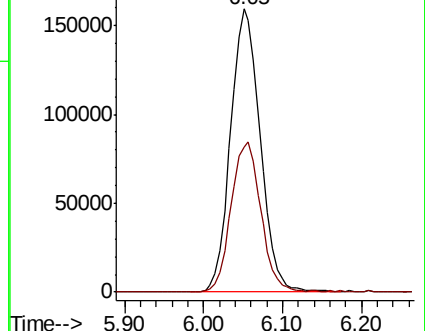
65 100

67 53.0 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013511.D

Acq: 21 Nov 2019 18:20

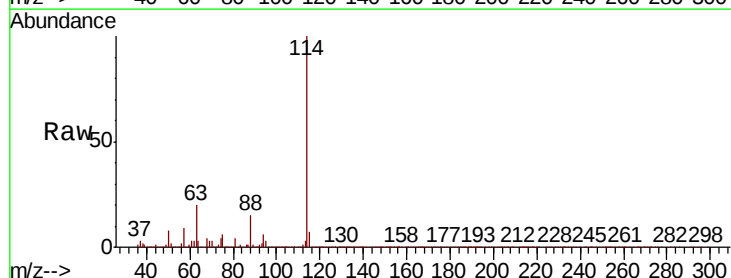
Tgt Ion: 114 Resp: 1140697

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.4

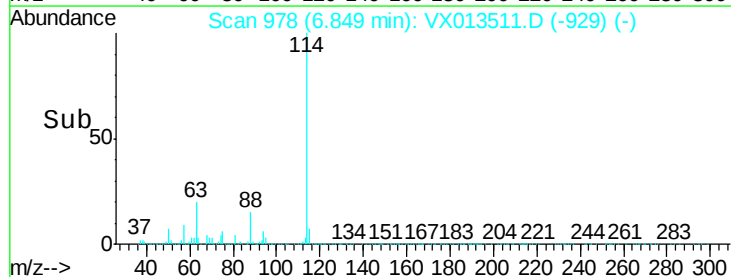
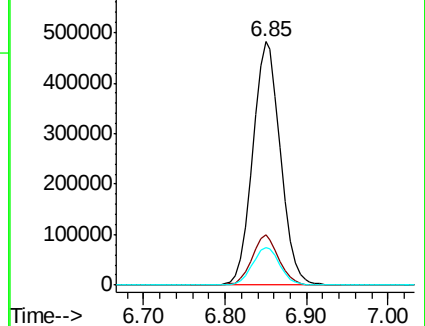
88 15.4 0.0 32.2

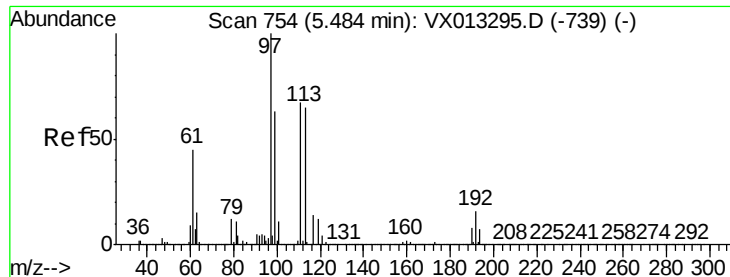


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.121 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013511.D

Acq: 21 Nov 2019 18:20

Instrument :

MSVOA_X

ClientSampleId :

22BR-20191120

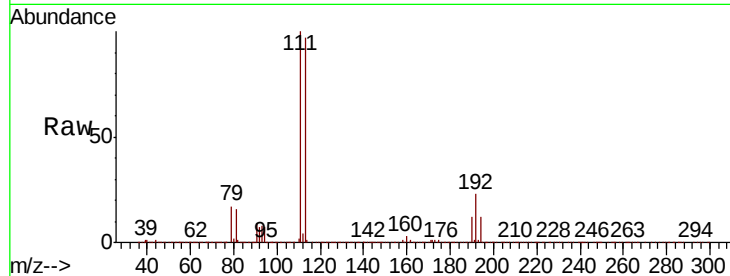
Tot Ion:113 Resp: 344289

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

192 24.2 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

150000

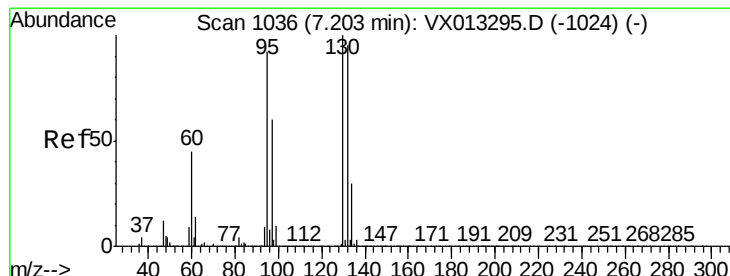
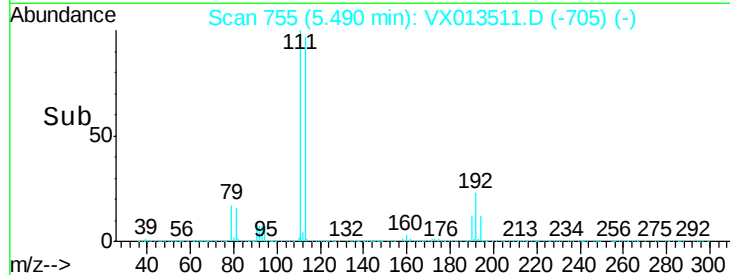
100000

50000

0

5.30 5.40 5.50 5.60

Time-->



#44

Trichloroethene

Concen: 14.639 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013511.D

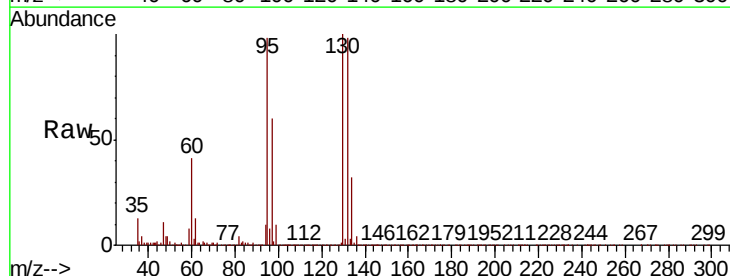
Acq: 21 Nov 2019 18:20

Tgt Ion:130 Resp: 122831

Ion Ratio Lower Upper

130 100

95 97.3 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

60000

50000

40000

30000

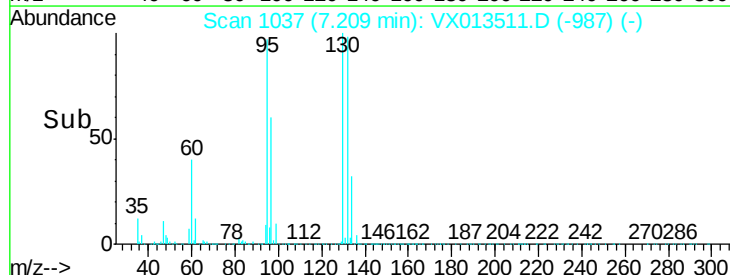
20000

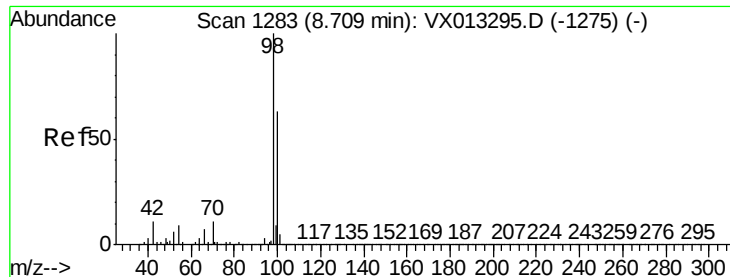
10000

0

7.10 7.20 7.30

Time-->





#50

Toluene-d8

Concen: 50.902 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013511.D

Acq: 21 Nov 2019 18:20

Instrument :

MSVOA_X

ClientSampleId :

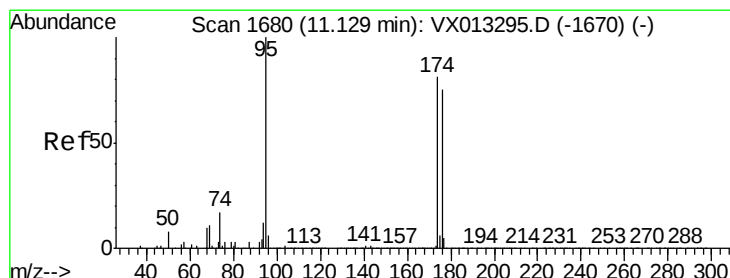
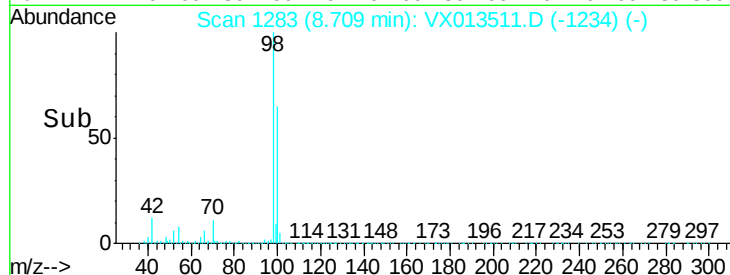
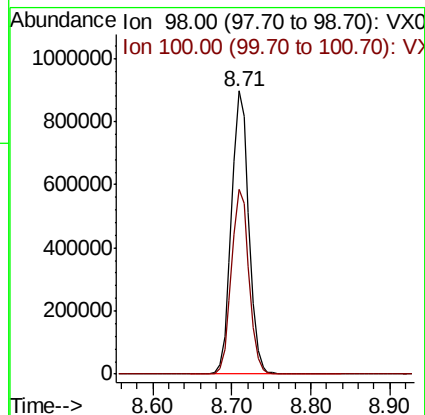
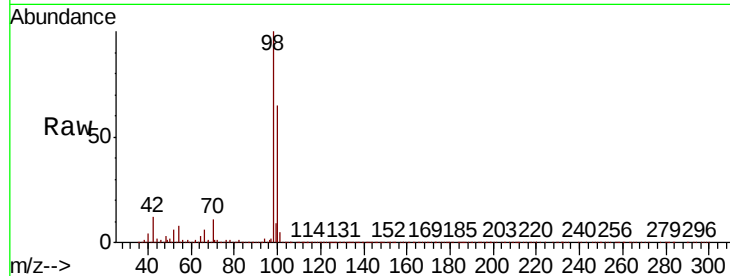
22BR-20191120

Tot Ion: 98 Resp: 1372931

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 46.716 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013511.D

Acq: 21 Nov 2019 18:20

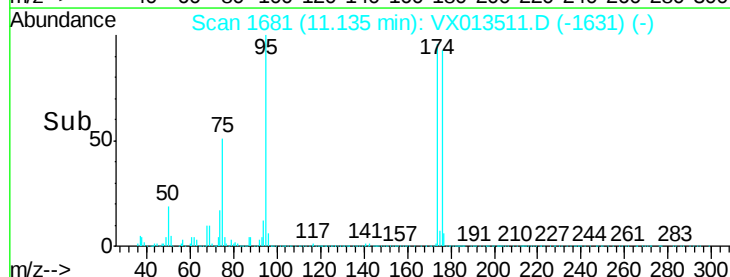
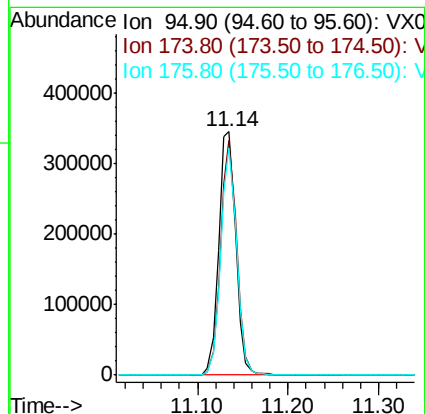
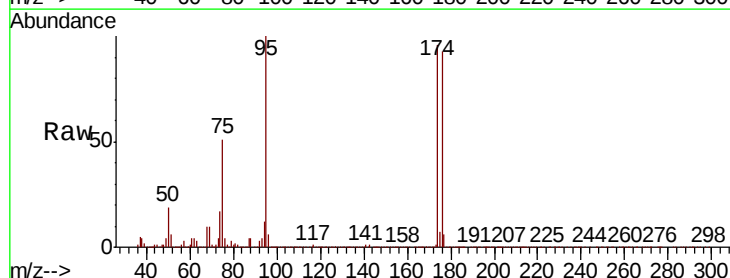
Tgt Ion: 95 Resp: 454754

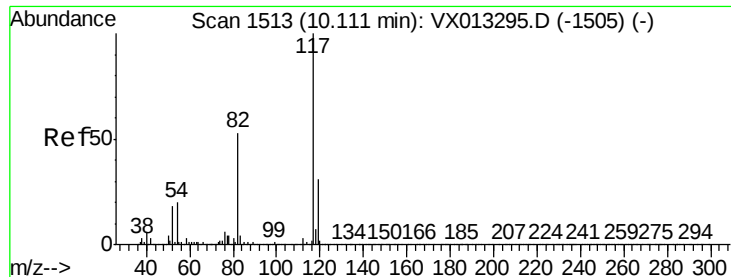
Ion Ratio Lower Upper

95 100

174 91.2 0.0 179.8

176 87.4 0.0 173.0

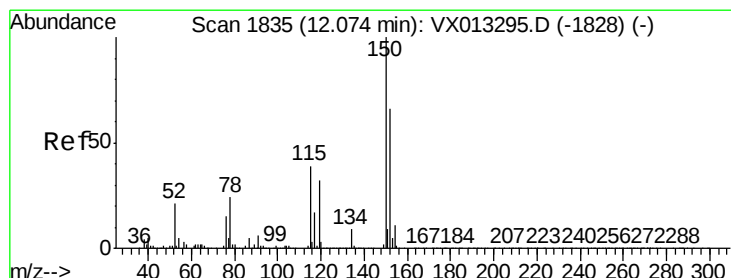
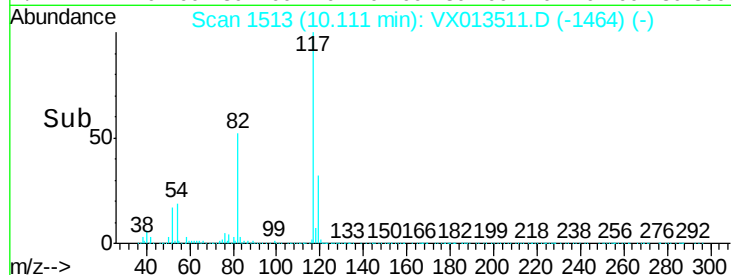
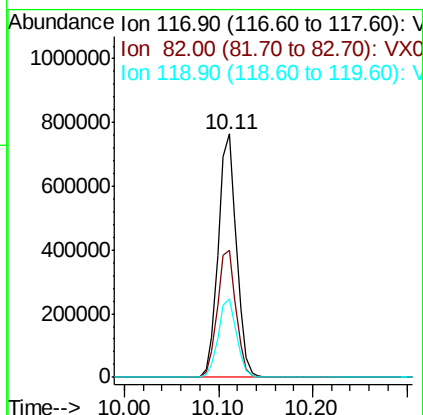
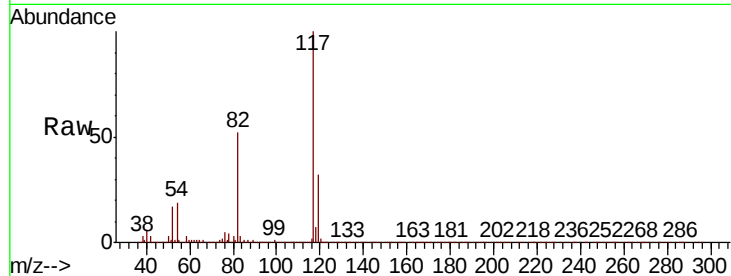




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013511.D
Acq: 21 Nov 2019 18:20

Instrument :
MSVOA_X
ClientSampleId :
22BR-20191120

Tot Ion:117 Resp: 1025870
Ion Ratio Lower Upper
117 100
82 52.0 42.6 64.0
119 32.2 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: VX013511.D
Acq: 21 Nov 2019 18:20

Tgt Ion:152 Resp: 453711
Ion Ratio Lower Upper
152 100
115 55.5 39.5 118.3
150 157.4 0.0 344.4

