

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013623.D
 Acq On : 27 Nov 2019 01:32
 Operator : JC/SP
 Sample : K5962-07DL 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20191120DL

Quant Time: Nov 27 05:58:01 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

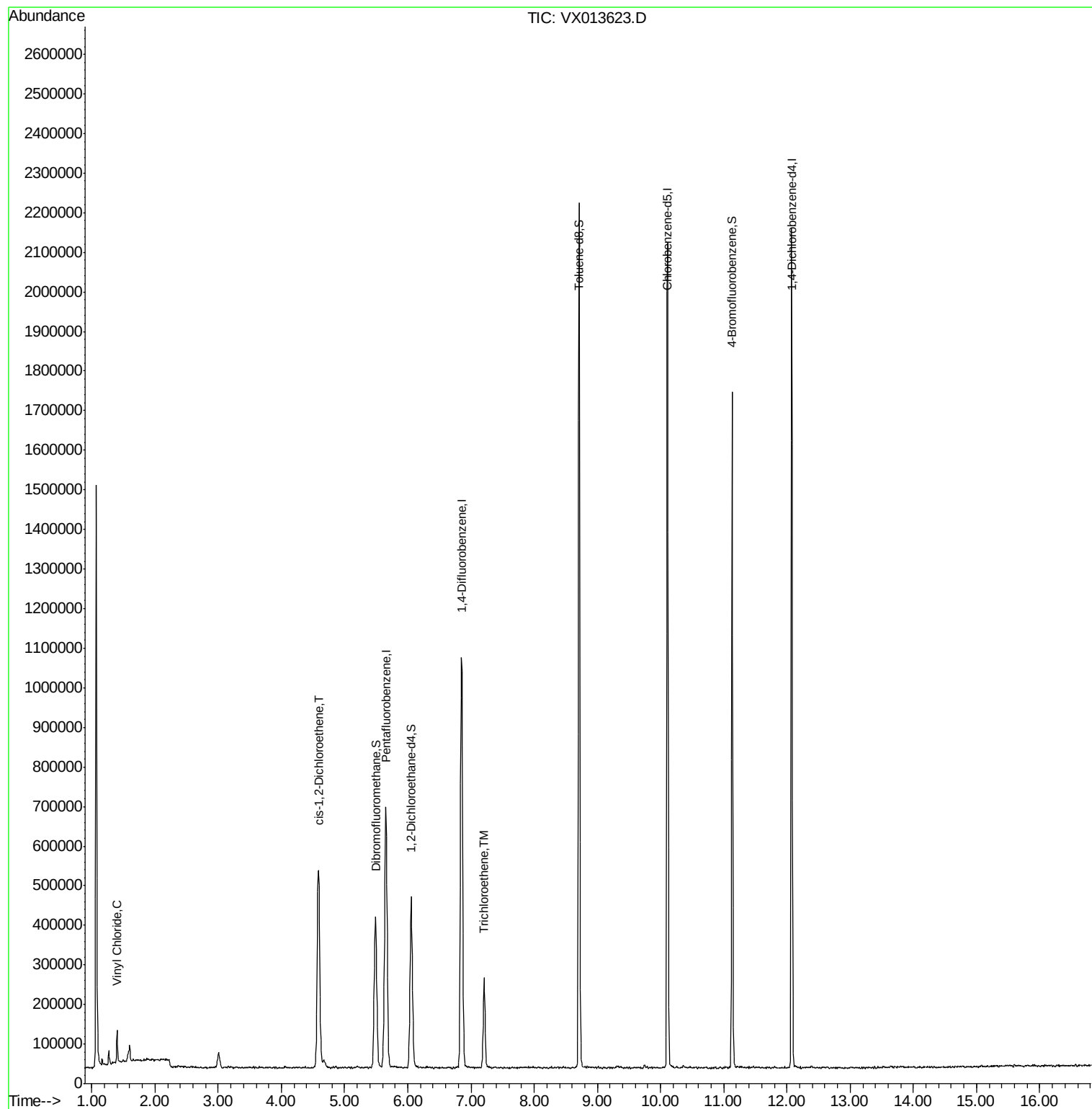
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	689787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1096928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	975183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	441261	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	397589	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
35) Dibromofluoromethane	5.49	113	333280	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
50) Toluene-d8	8.71	98	1300766	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.14	95	433068	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	
Target Compounds						
4) Vinyl Chloride	1.40	62	48586	5.011	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	339836	41.380	ug/l	89
44) Trichloroethene	7.21	130	93859	11.277	ug/l	97

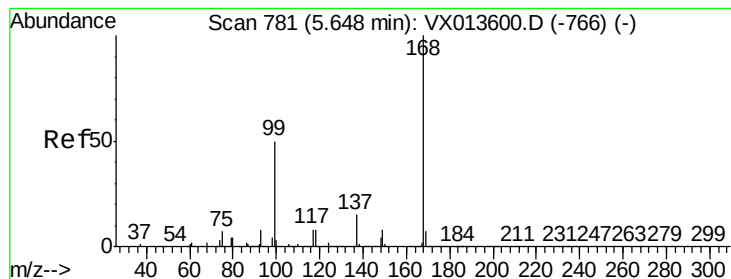
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013623.D

Acq: 27 Nov 2019 01:32

Instrument :

MSVOA_X

ClientSampleId :

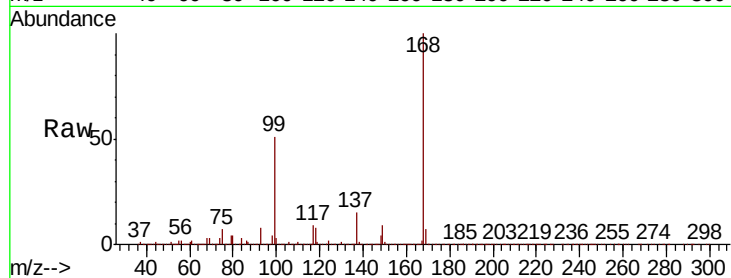
20BR-20191120DL

Tot Ion:168 Resp: 689787

Ion Ratio Lower Upper

168 100

99 50.9 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

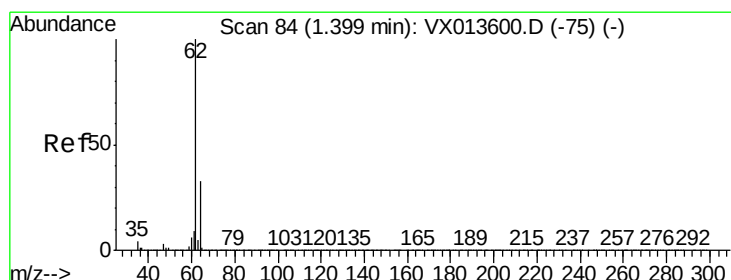
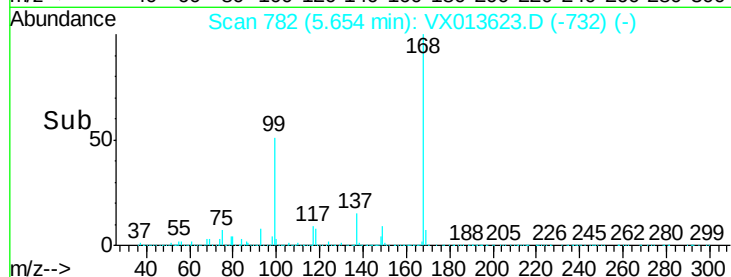
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 5.011 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013623.D

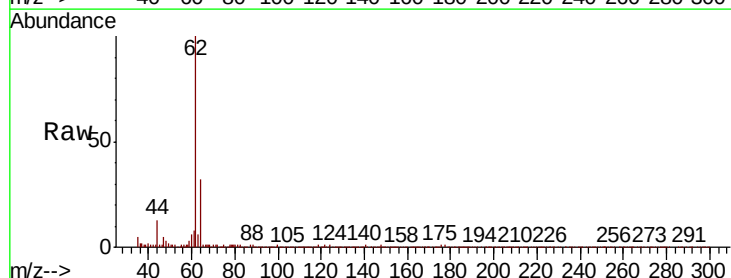
Acq: 27 Nov 2019 01:32

Tgt Ion: 62 Resp: 48586

Ion Ratio Lower Upper

62 100

64 31.1 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

50000

40000

30000

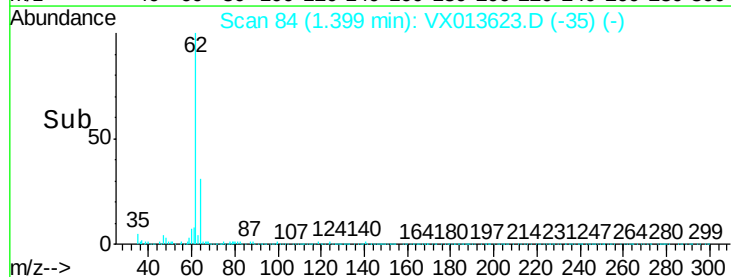
20000

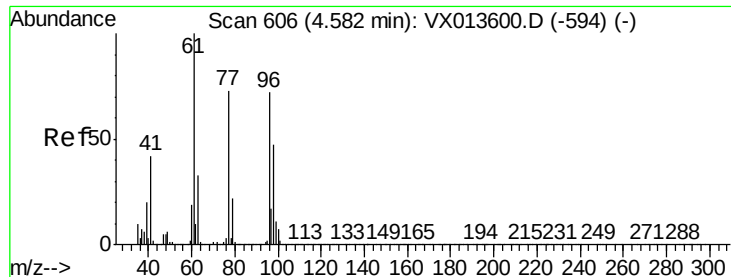
10000

0

Time-->

1.35 1.40 1.45



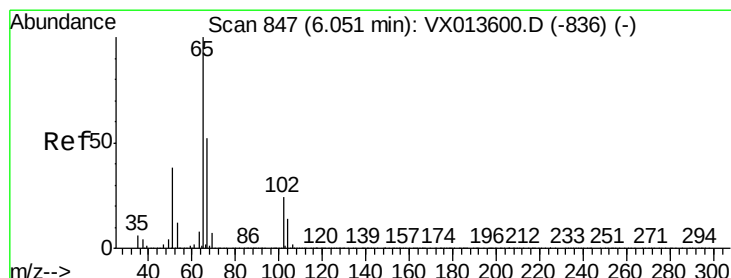
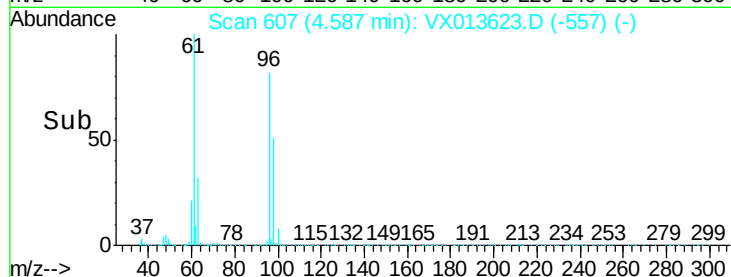
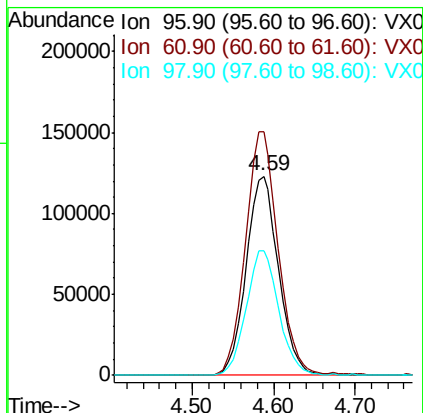
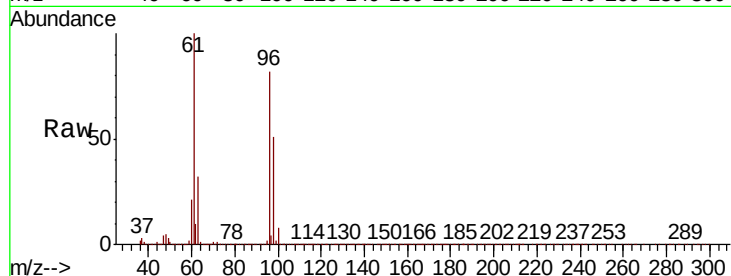


#27

cis-1,2-Dichloroethene
Concen: 41.380 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013623.D
Acq: 27 Nov 2019 01:32

Instrument :
MSVOA_X
ClientSampleId :
20BR-20191120DL

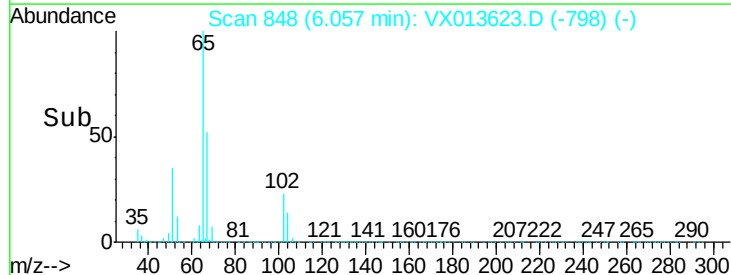
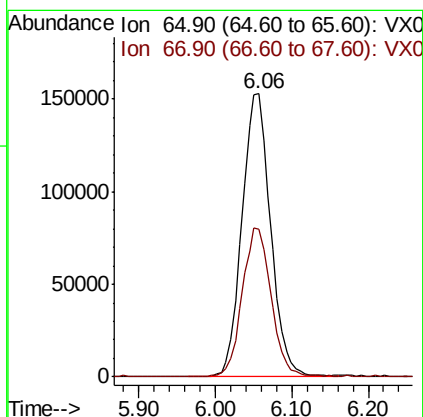
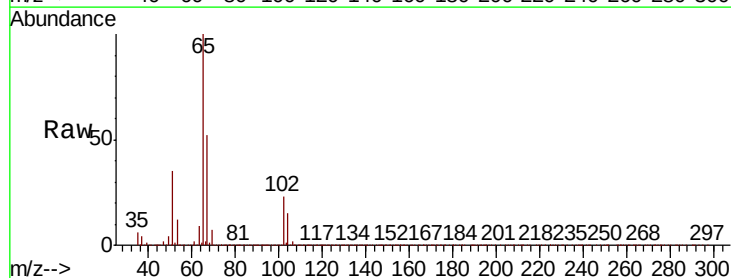
Tot Ion	Ratio	Lower	Upper
96	100		
61	124.0	0.0	286.4
98	63.2	0.0	127.4

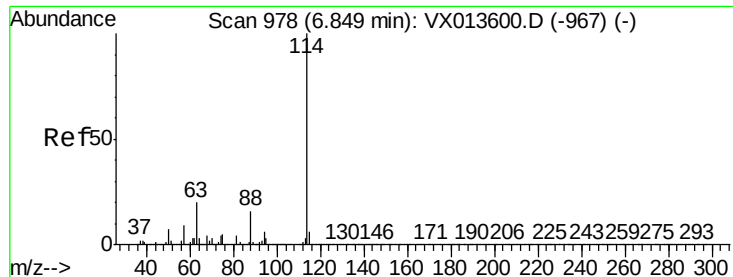


#33

1,2-Dichloroethane-d4
Concen: 49.656 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013623.D
Acq: 27 Nov 2019 01:32

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	104.4

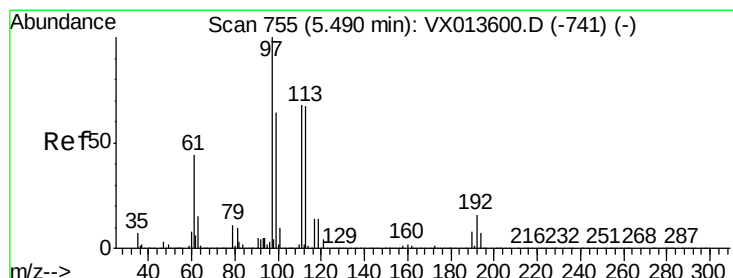
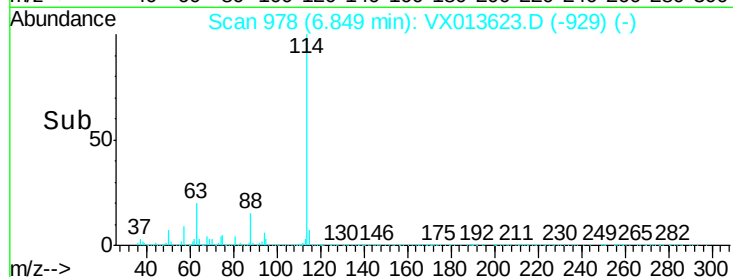
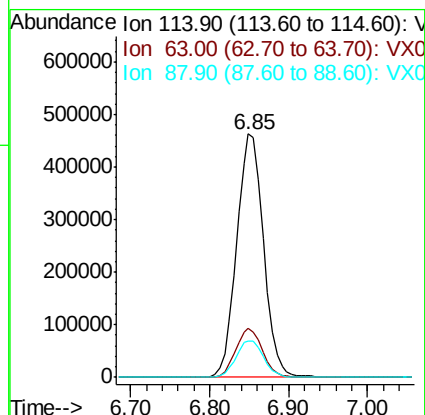
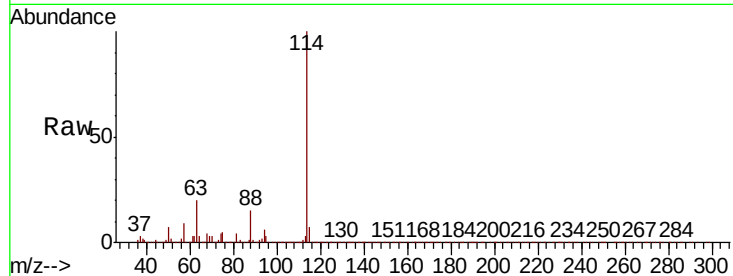




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013623.D
 Acq: 27 Nov 2019 01:32

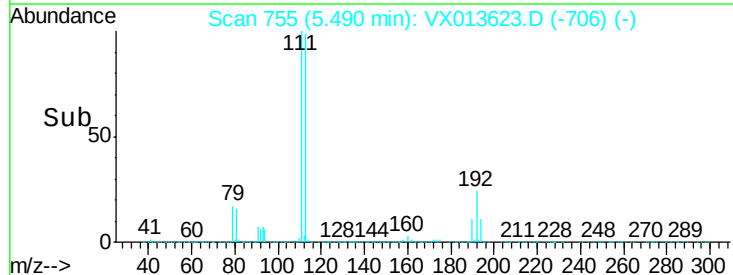
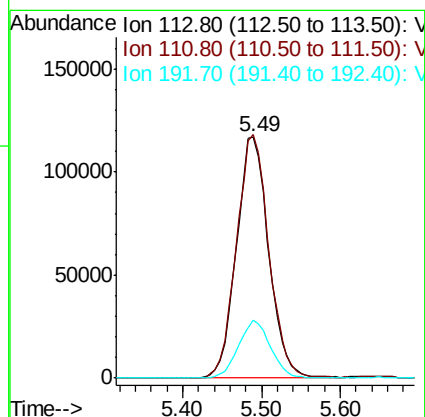
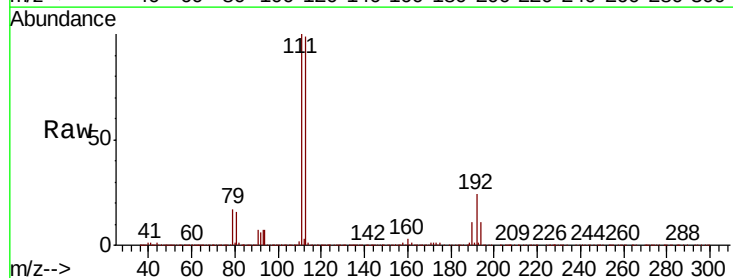
Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20191120DL

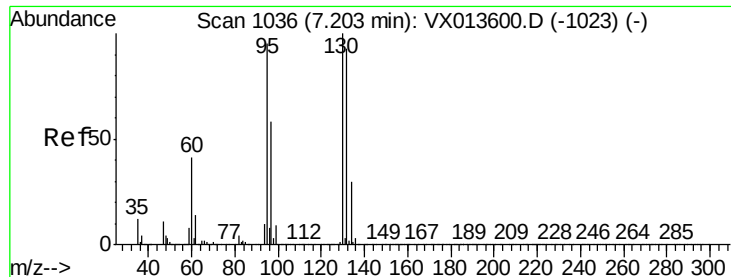
Tot Ion:114 Resp: 1096928
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.6
 88 15.1 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 49.147 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX013623.D
 Acq: 27 Nov 2019 01:32

Tgt Ion:113 Resp: 333280
 Ion Ratio Lower Upper
 113 100
 111 101.6 83.6 125.4
 192 23.5 19.2 28.8





#44

Trichloroethene

Concen: 11.277 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013623.D

Acq: 27 Nov 2019 01:32

Instrument :

MSVOA_X

ClientSampleId :

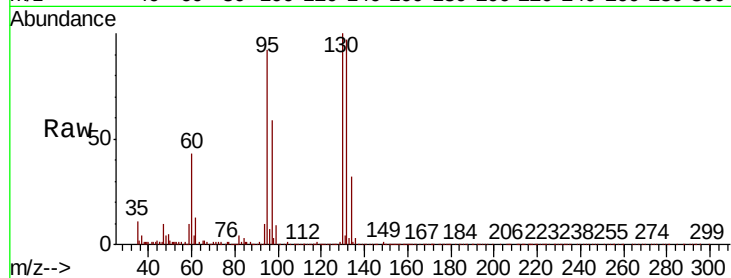
20BR-20191120DL

Tot Ion:130 Resp: 93859

Ion Ratio Lower Upper

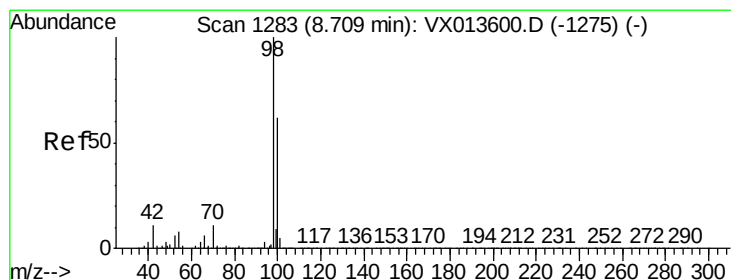
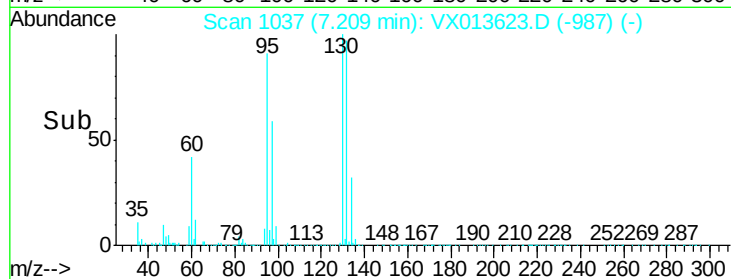
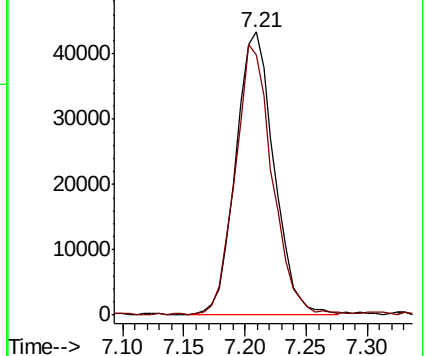
130 100

95 92.1 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.232 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013623.D

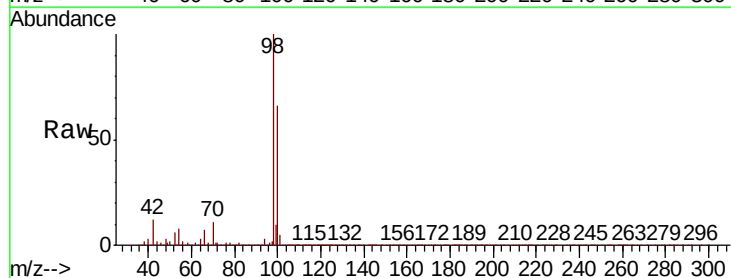
Acq: 27 Nov 2019 01:32

Tgt Ion: 98 Resp: 1300766

Ion Ratio Lower Upper

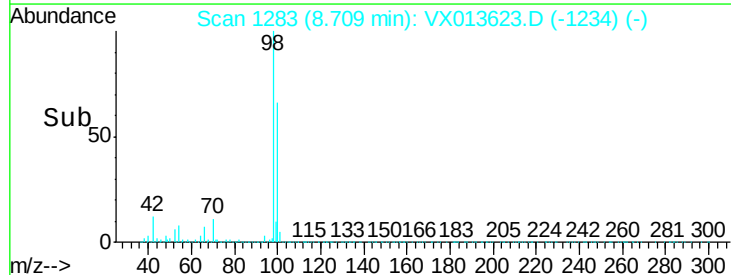
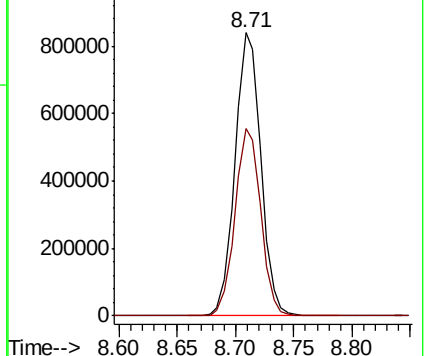
98 100

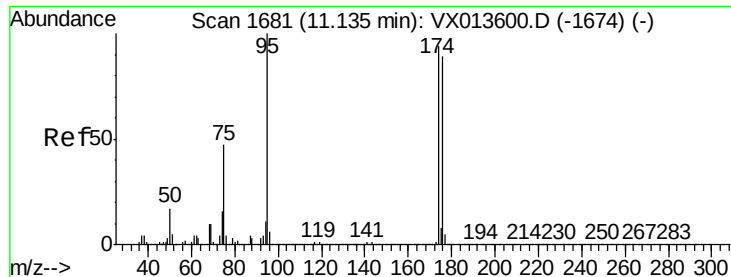
100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.455 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013623.D

Acq: 27 Nov 2019 01:32

Instrument :

MSVOA_X

ClientSampleId :

20BR-20191120DL

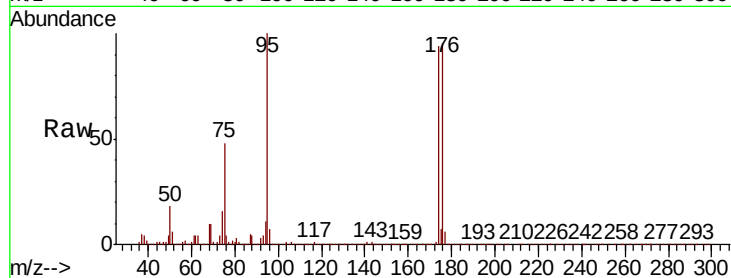
Tot Ion: 95 Resp: 433068

Ion Ratio Lower Upper

95 100

174 91.2 0.0 180.0

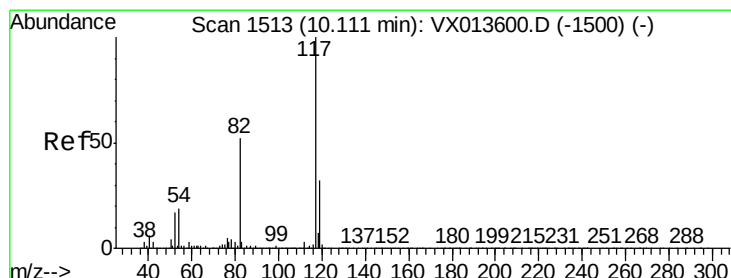
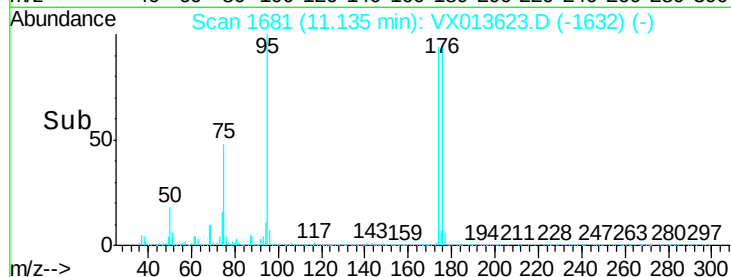
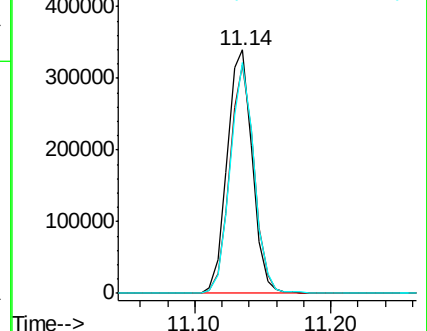
176 90.6 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013623.D

Acq: 27 Nov 2019 01:32

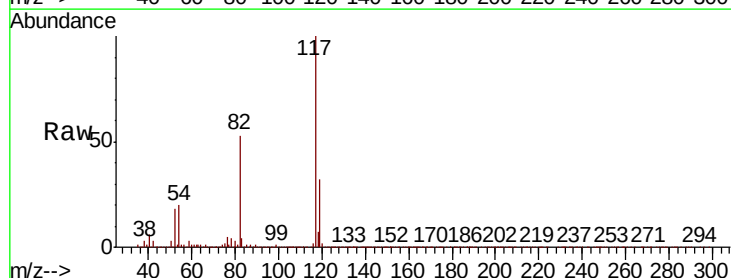
Tgt Ion: 117 Resp: 975183

Ion Ratio Lower Upper

117 100

82 52.7 41.8 62.8

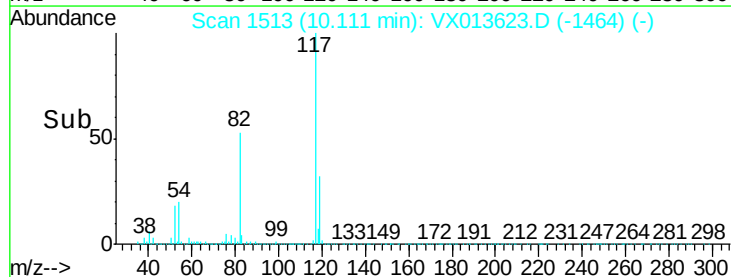
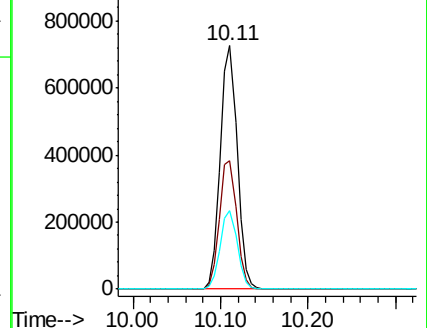
119 32.4 25.8 38.8

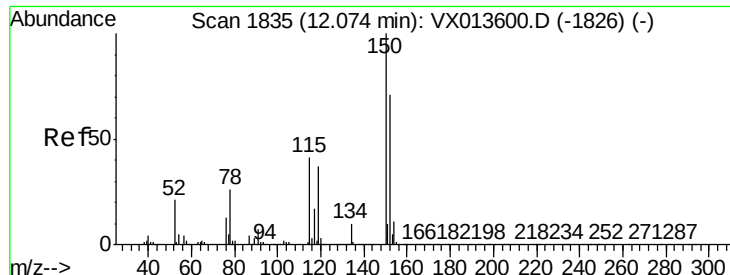


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013623.D

Acq: 27 Nov 2019 01:32

Instrument :

MSVOA_X

ClientSampleId :

20BR-20191120DL

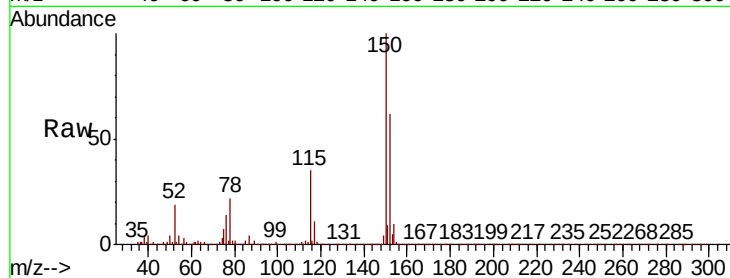
Tot Ion:152 Resp: 441261

Ion Ratio Lower Upper

152 100

115 55.4 38.4 115.1

150 158.5 0.0 346.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

