

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013622.D
 Acq On : 27 Nov 2019 01:09
 Operator : JC/SP
 Sample : K5962-03DL 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 15BR-20191120DL

Quant Time: Nov 27 05:54:17 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

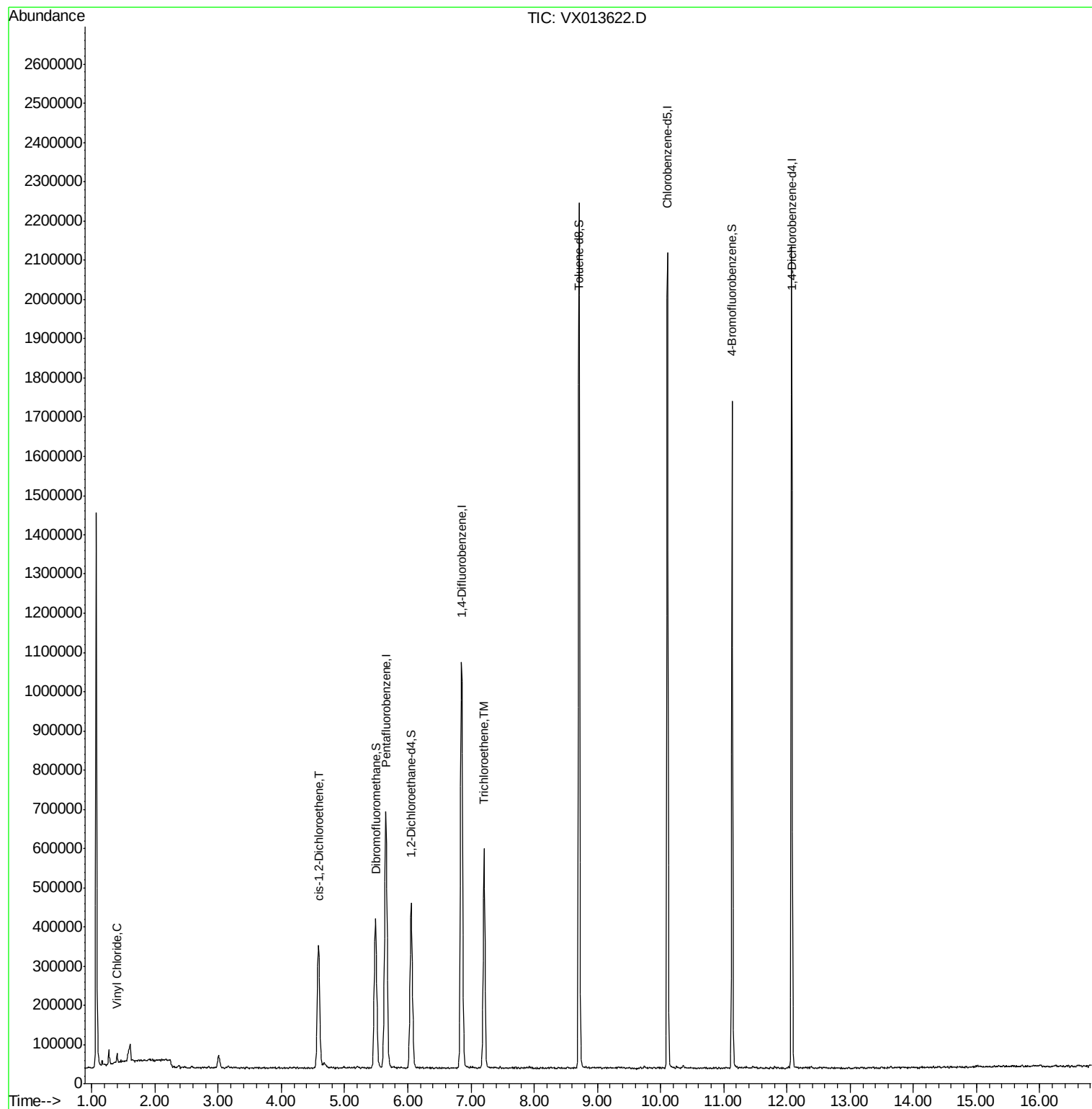
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	688518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1091147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	980699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	439733	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	394033	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
35) Dibromofluoromethane	5.49	113	326001	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
50) Toluene-d8	8.71	98	1309808	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	11.14	95	438569	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
Target Compounds						
4) Vinyl Chloride	1.40	62	14215	1.469	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	201906	24.630	ug/l	90
44) Trichloroethene	7.21	130	222981	26.933	ug/l	97

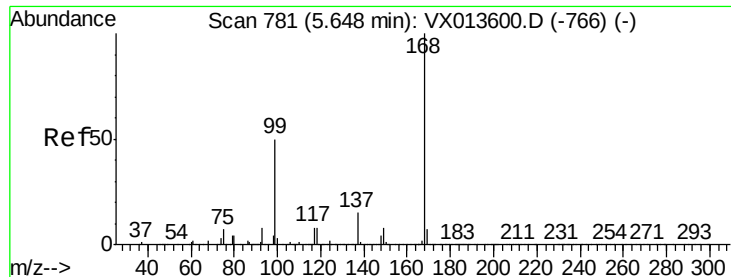
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX013622.D

Acq: 27 Nov 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

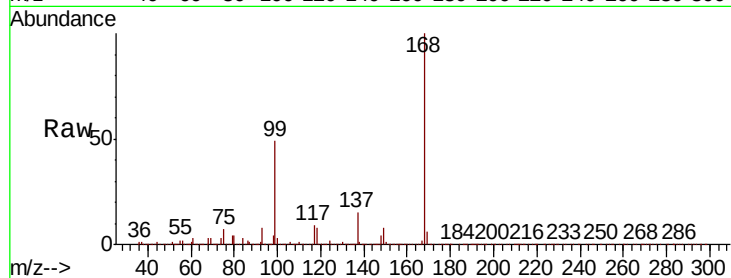
15BR-20191120DL

Tot Ion:168 Resp: 688518

Ion Ratio Lower Upper

168 100

99 48.7 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

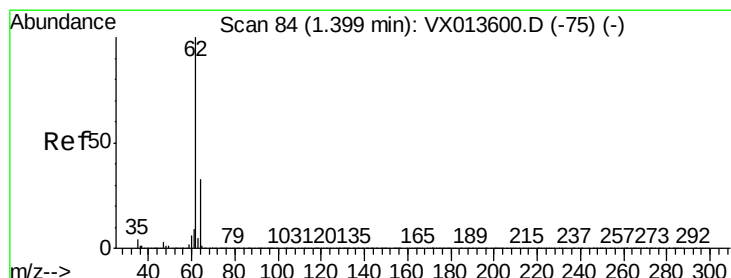
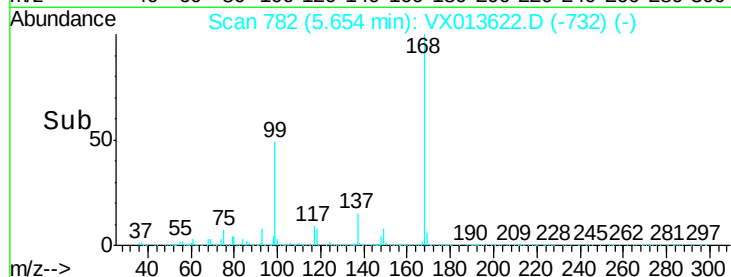
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.469 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013622.D

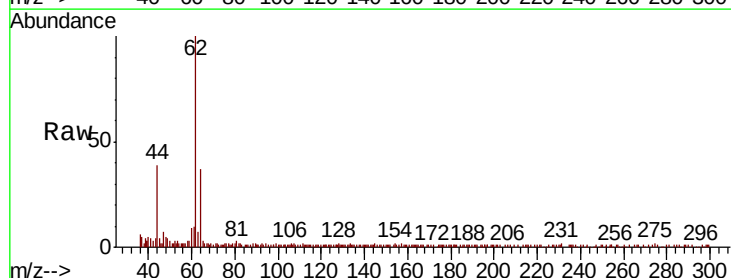
Acq: 27 Nov 2019 01:09

Tgt Ion: 62 Resp: 14215

Ion Ratio Lower Upper

62 100

64 33.9 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

15000

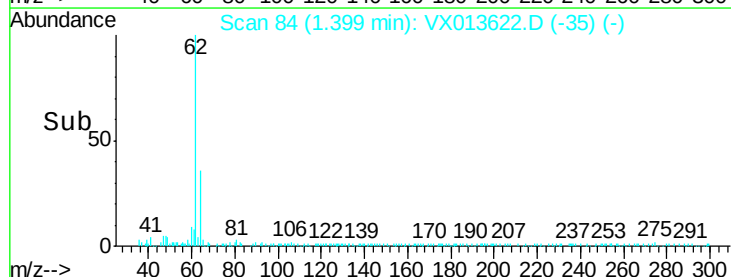
10000

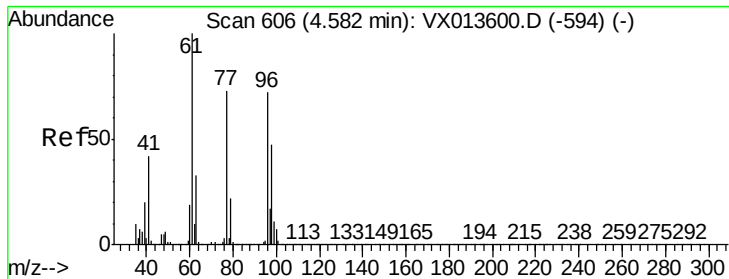
5000

0

Time-->

1.35 1.40 1.45



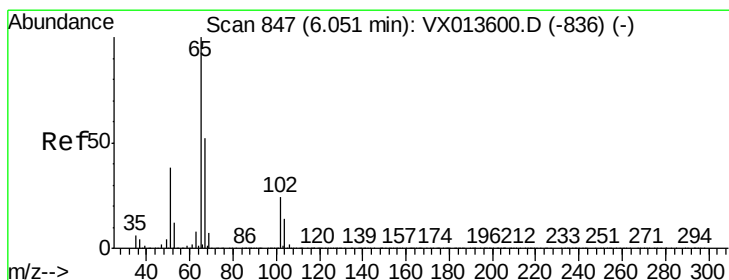
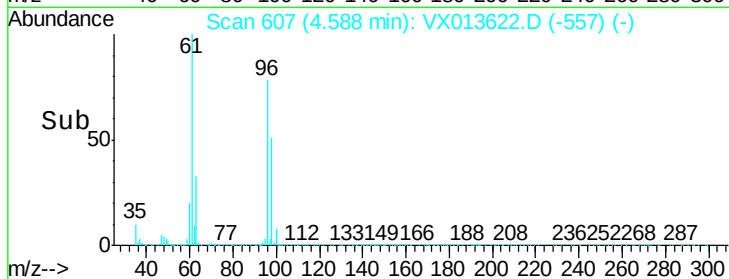
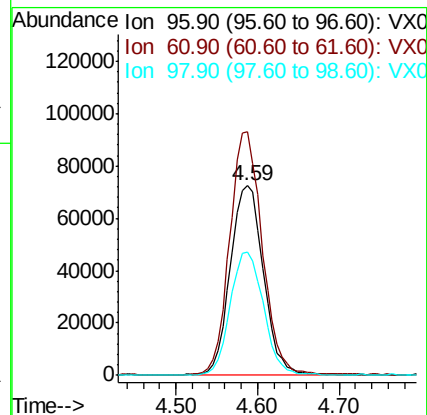
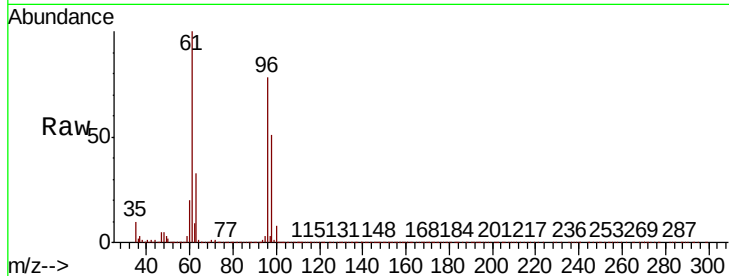


#27

cis-1,2-Dichloroethene
Concen: 24.630 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013622.D
Acq: 27 Nov 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
15BR-20191120DL

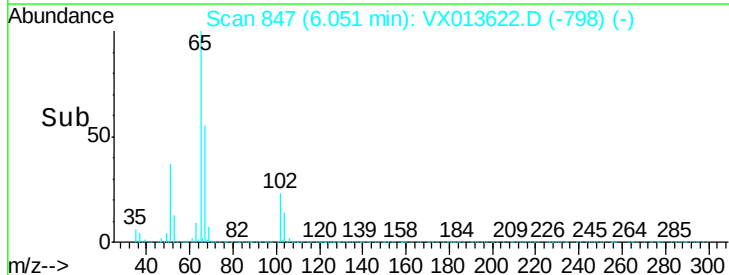
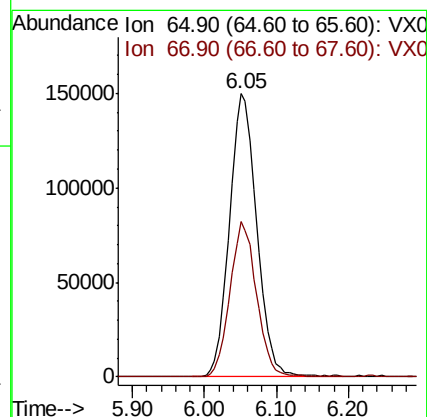
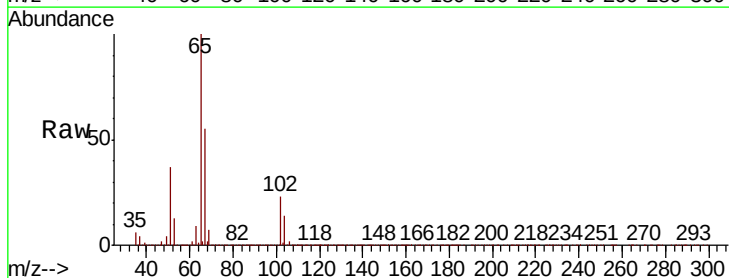
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.5	0.0	286.4
98	65.4	0.0	127.4

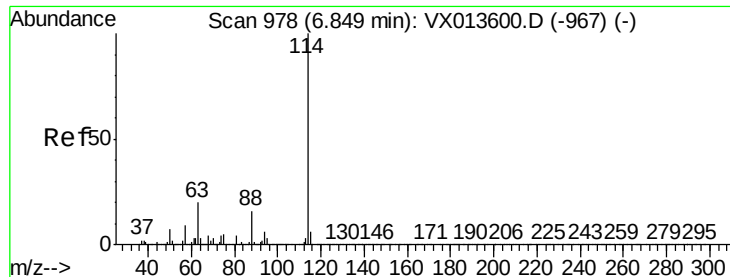


#33

1,2-Dichloroethane-d4
Concen: 49.303 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013622.D
Acq: 27 Nov 2019 01:09

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.3	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: VX013622.D

Acq: 27 Nov 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120DL

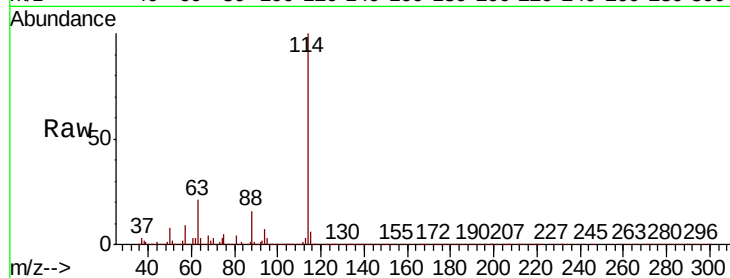
Tot Ion:114 Resp: 1091147

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

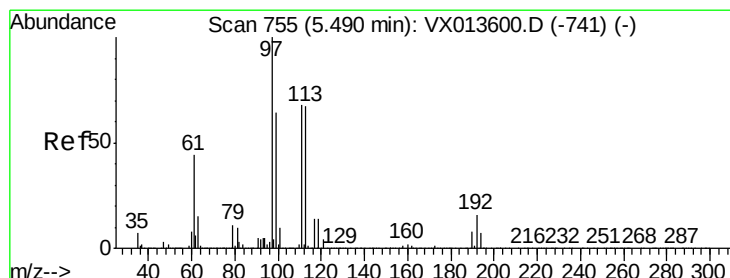
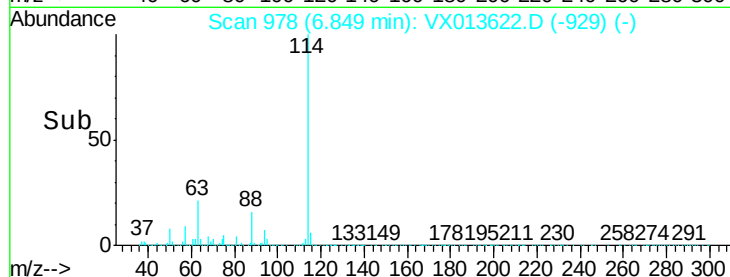
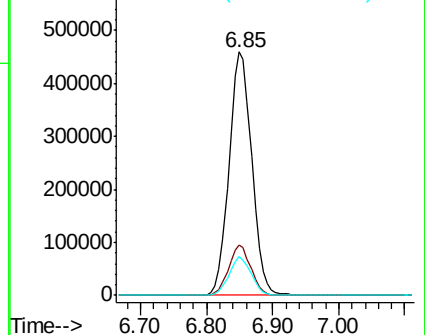
88 15.7 0.0 31.4



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: 48.328 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013622.D

Acq: 27 Nov 2019 01:09

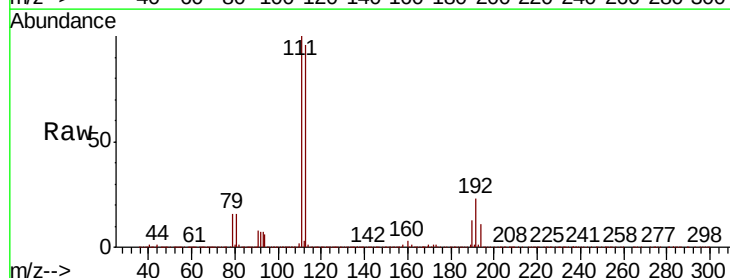
Tgt Ion:113 Resp: 326001

Ion Ratio Lower Upper

113 100

111 103.0 83.6 125.4

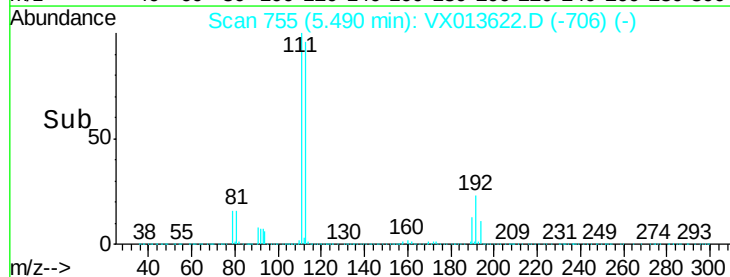
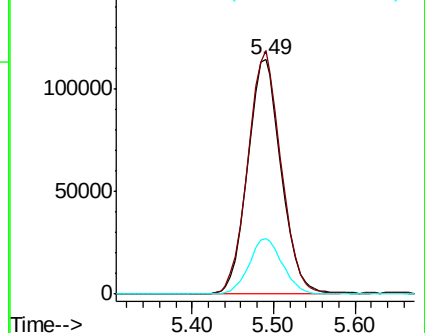
192 23.8 19.2 28.8

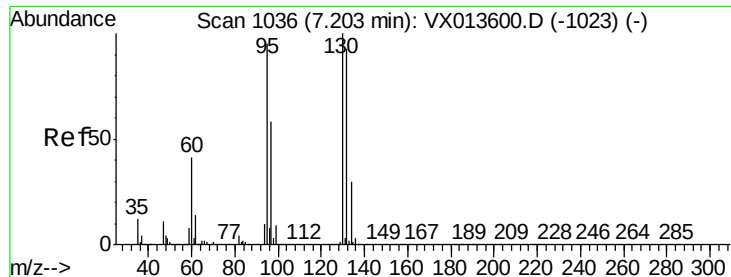


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 26.933 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013622.D

Acq: 27 Nov 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

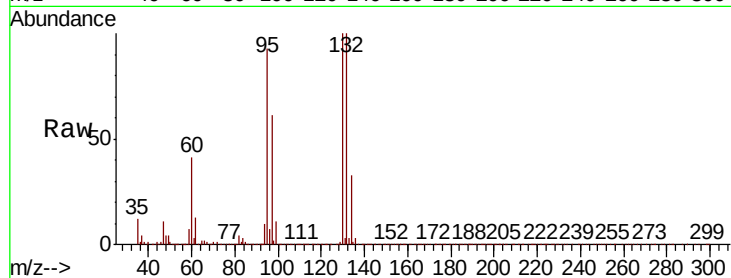
15BR-20191120DL

Tot Ion:130 Resp: 222981

Ion Ratio Lower Upper

130 100

95 92.5 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

120000

100000

80000

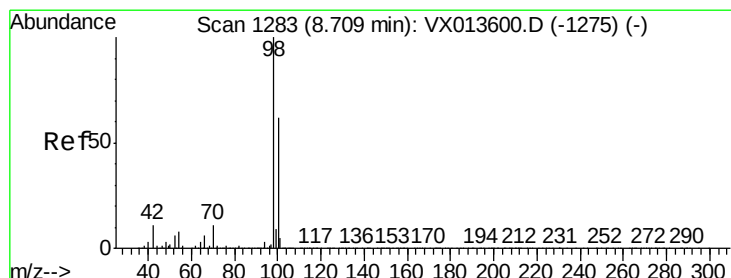
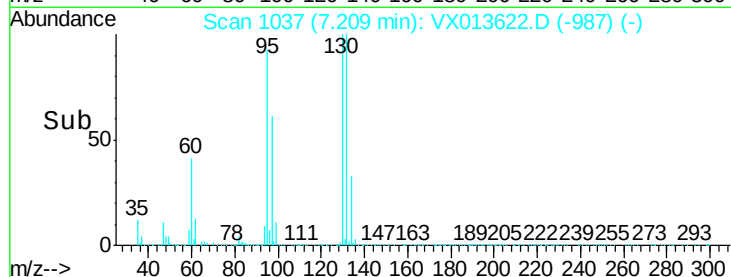
60000

40000

20000

0

Time--> 7.10 7.20 7.30



#50

Toluene-d8

Concen: 49.837 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013622.D

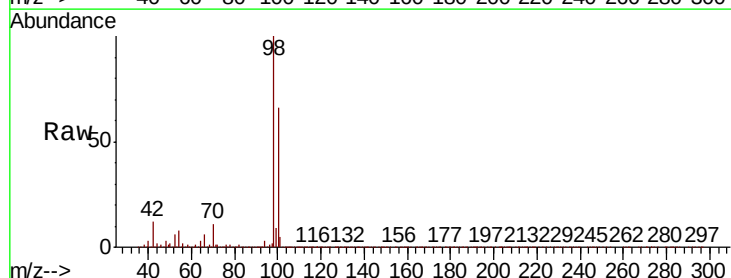
Acq: 27 Nov 2019 01:09

Tgt Ion: 98 Resp: 1309808

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

1000000

800000

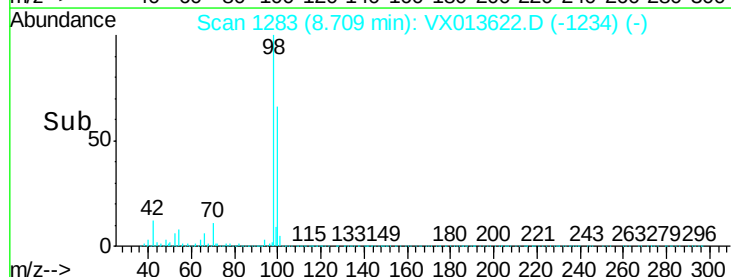
600000

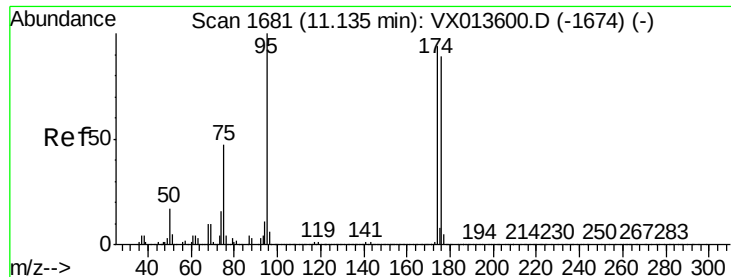
400000

200000

0

Time--> 8.60 8.70 8.80





#62

4-Bromofluorobenzene

Concen: 46.276 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013622.D

Acq: 27 Nov 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120DL

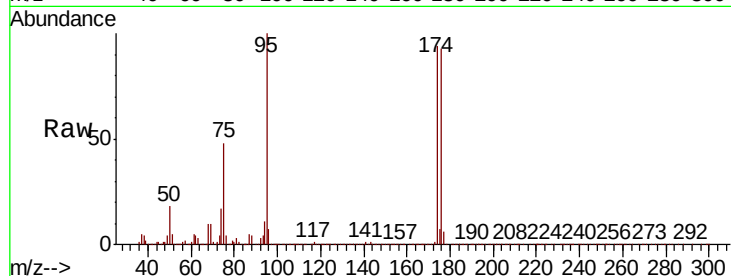
Tot Ion: 95 Resp: 438569

Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.0

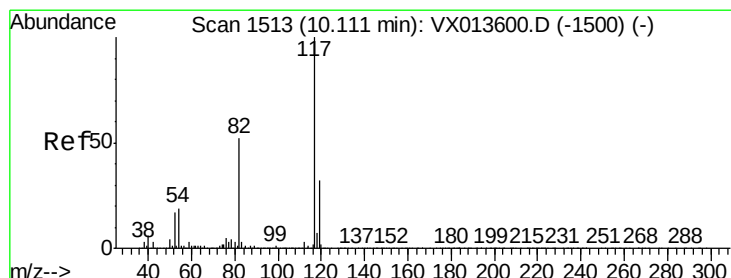
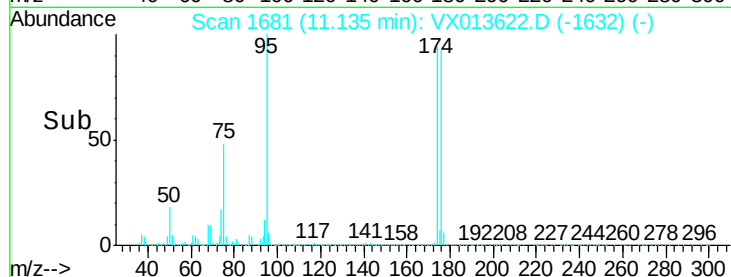
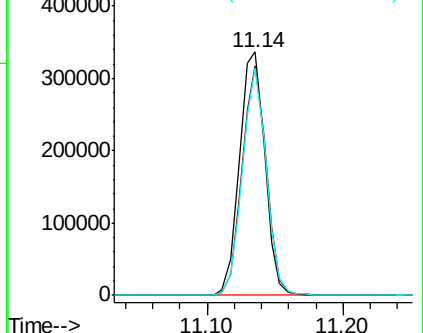
176 88.6 0.0 173.6



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: VX013622.D

Acq: 27 Nov 2019 01:09

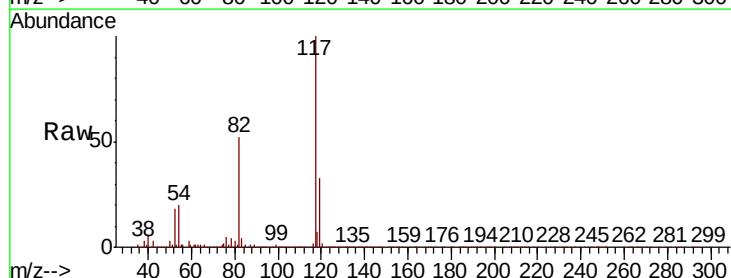
Tgt Ion: 117 Resp: 980699

Ion Ratio Lower Upper

117 100

82 52.2 41.8 62.8

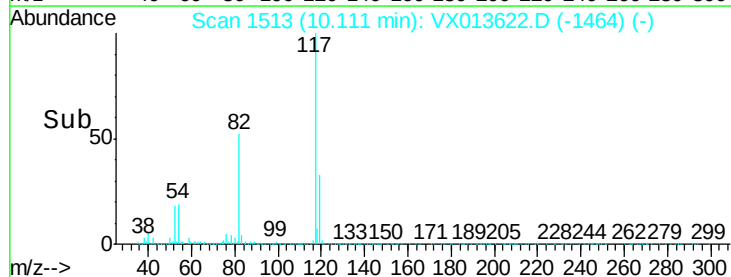
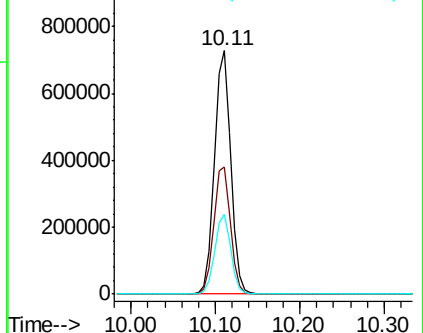
119 32.8 25.8 38.8

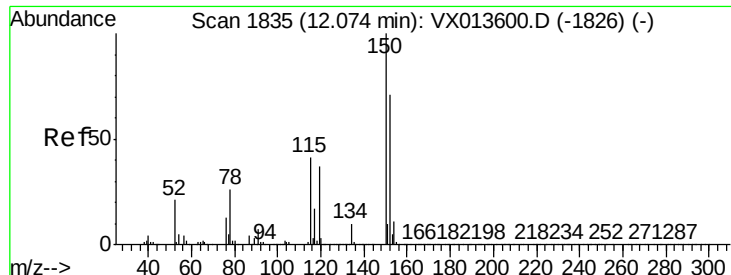


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX013622.D

Acq: 27 Nov 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

15BR-20191120DL

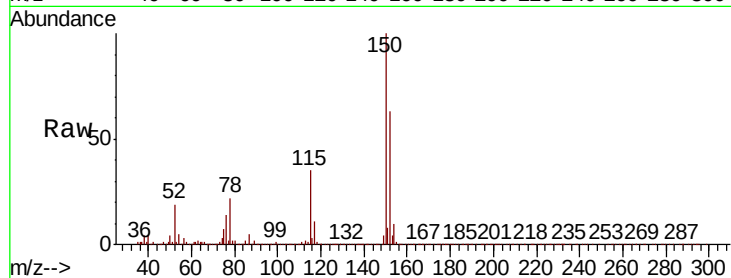
Tot Ion:152 Resp: 439733

Ion Ratio Lower Upper

152 100

115 56.0 38.4 115.1

150 159.2 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

