

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013559.D
 Acq On : 23 Nov 2019 02:03
 Operator : JC/SP
 Sample : K5962-09DL 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 45BR-20191120DL

Quant Time: Nov 23 03:21:31 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

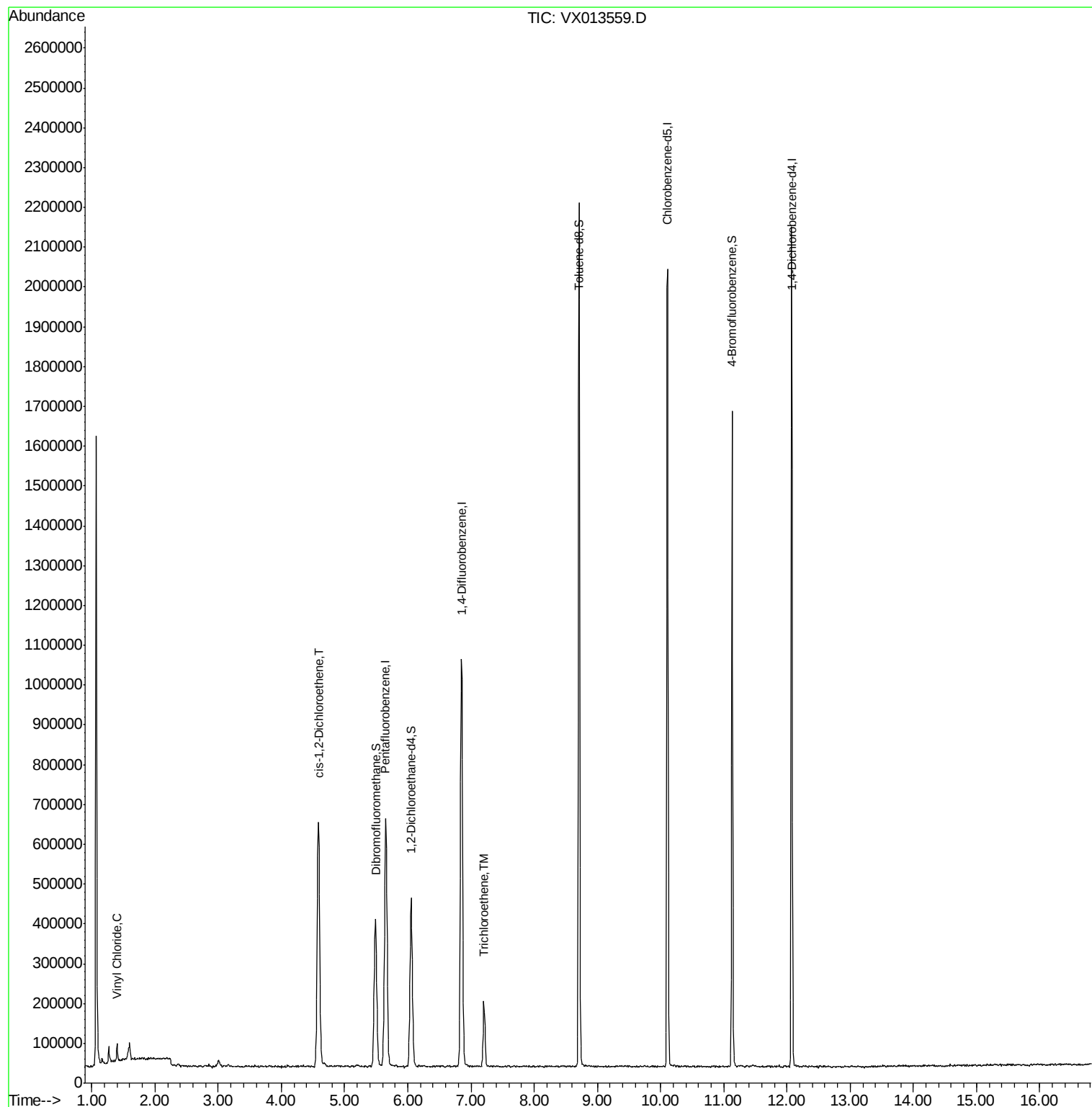
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	655265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1067790	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	943884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	436255	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	388032	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
35) Dibromofluoromethane	5.49	113	320105	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
50) Toluene-d8	8.71	98	1274407	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.14	95	424123	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
Target Compounds						
4) Vinyl Chloride	1.40	62	25282	2.712	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	405871	55.362	ug/l	87
44) Trichloroethene	7.21	130	70138	8.930	ug/l	98

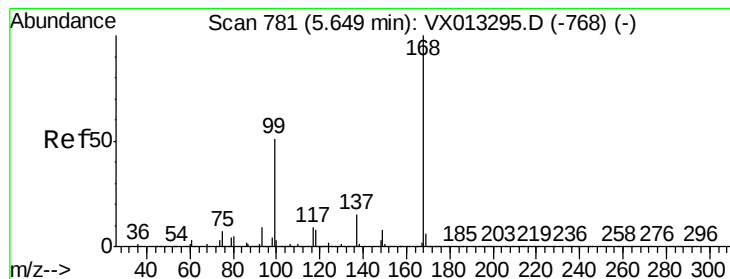
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013559.D

Acq: 23 Nov 2019 02:03

Instrument :

MSVOA_X

ClientSampleId :

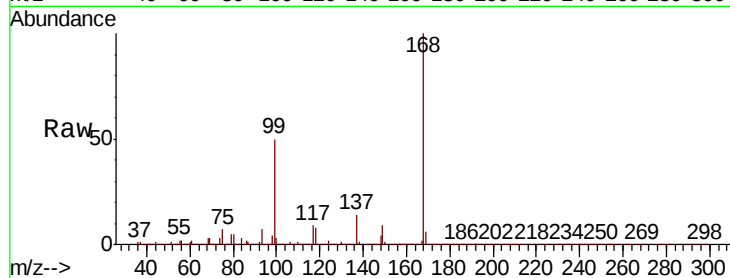
45BR-20191120DL

Tot Ion:168 Resp: 655265

Ion Ratio Lower Upper

168 100

99 50.2 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

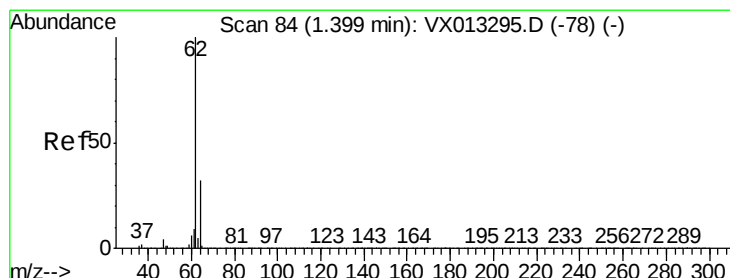
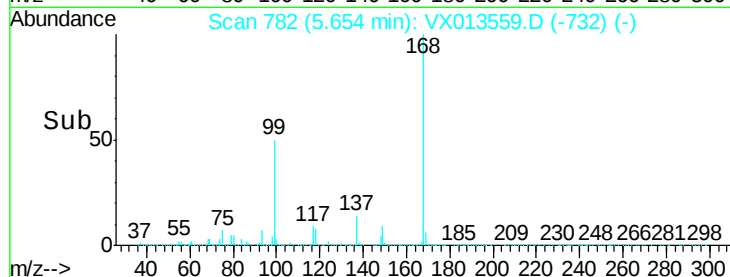
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 2.712 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013559.D

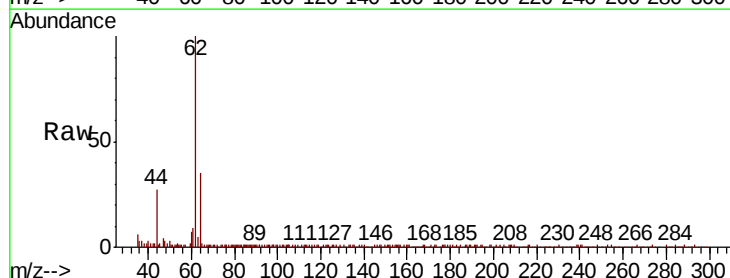
Acq: 23 Nov 2019 02:03

Tgt Ion: 62 Resp: 25282

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

30000

25000

20000

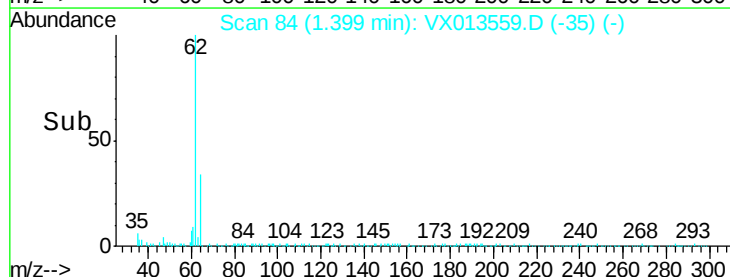
15000

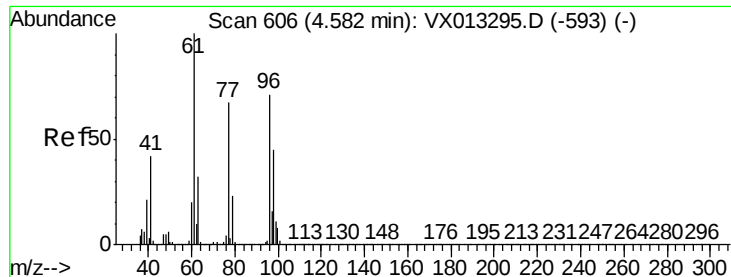
10000

5000

0

Time-->



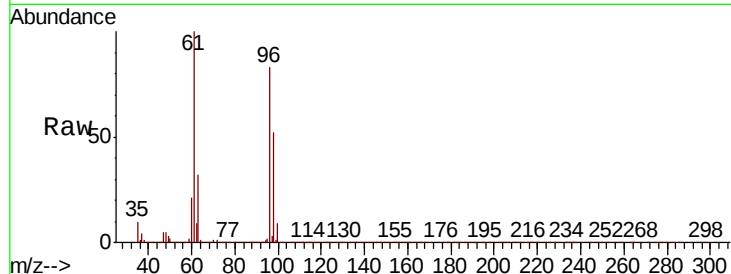


#27

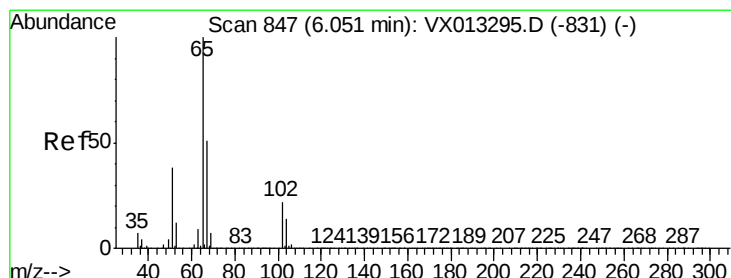
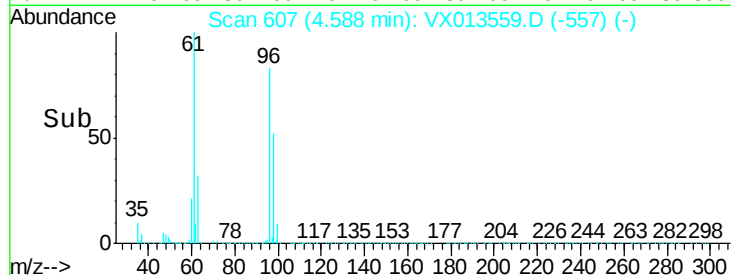
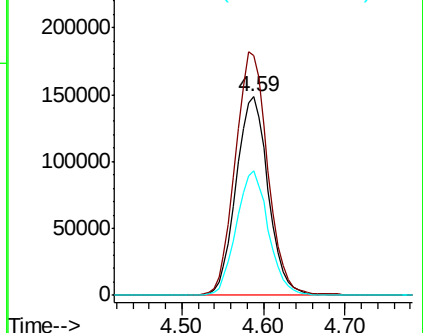
cis-1,2-Dichloroethene
Concen: 55.362 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013559.D
Acq: 23 Nov 2019 02:03

Instrument :
MSVOA_X
ClientSampleId :
45BR-20191120DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.1	0.0	288.0
98	62.5	0.0	129.6



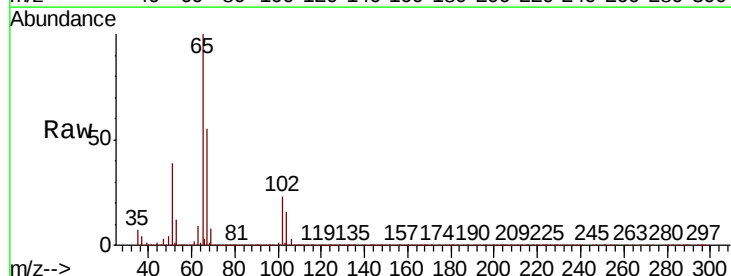
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



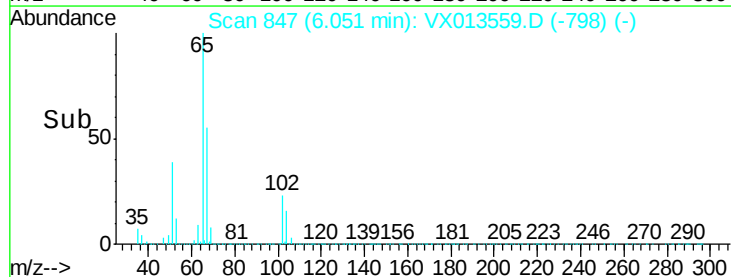
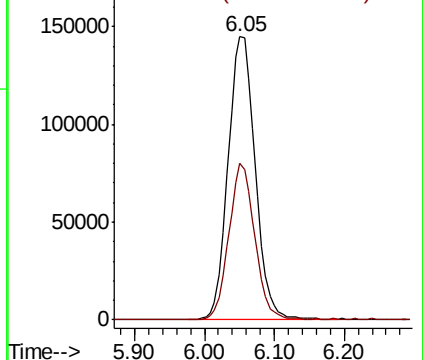
#33

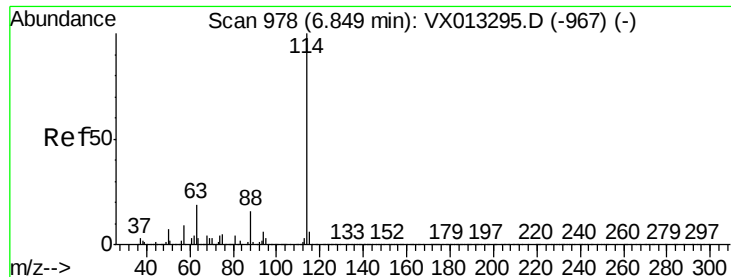
1,2-Dichloroethane-d4
Concen: 49.985 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013559.D
Acq: 23 Nov 2019 02:03

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.7	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: VX013559.D

Acq: 23 Nov 2019 02:03

Instrument :

MSVOA_X

ClientSampleId :

45BR-20191120DL

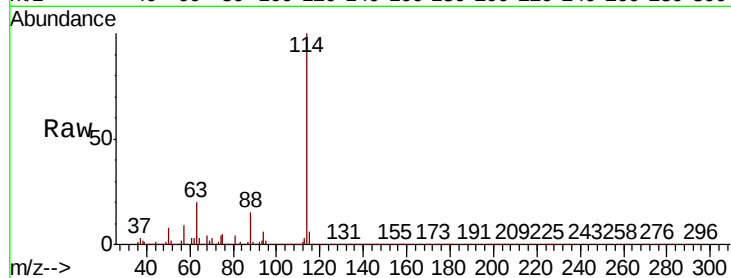
Tot Ion:114 Resp: 1067790

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.4

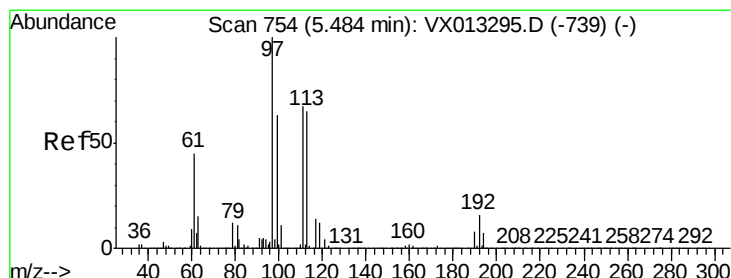
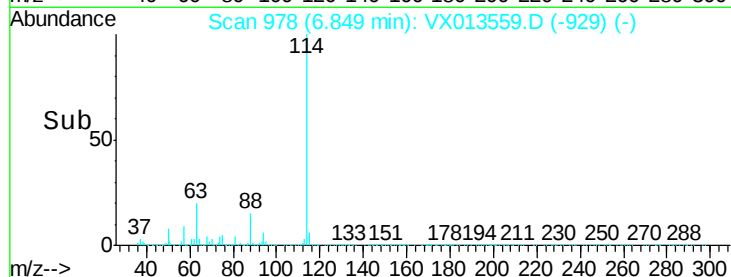
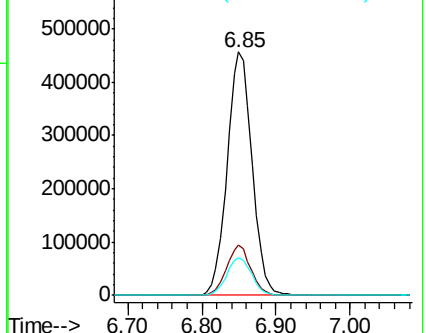
88 15.3 0.0 32.2



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: 47.796 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013559.D

Acq: 23 Nov 2019 02:03

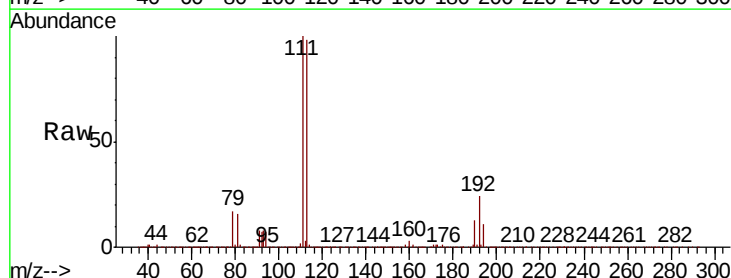
Tgt Ion:113 Resp: 320105

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

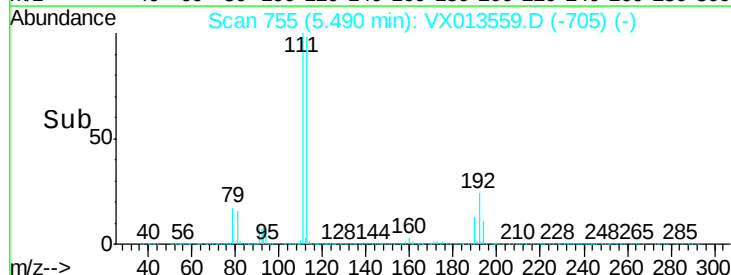
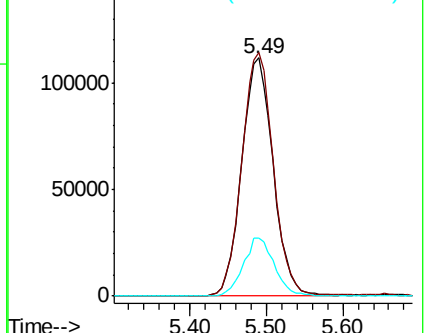
192 23.9 19.1 28.7

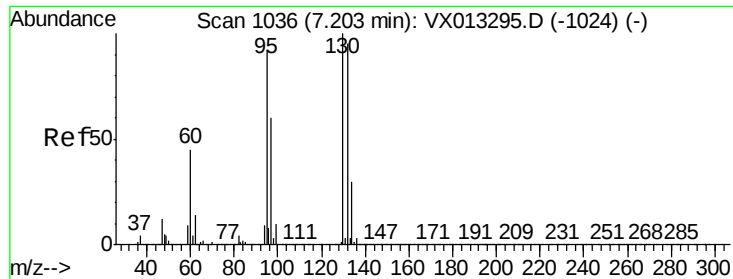


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 8.930 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013559.D

Acq: 23 Nov 2019 02:03

Instrument :

MSVOA_X

ClientSampleId :

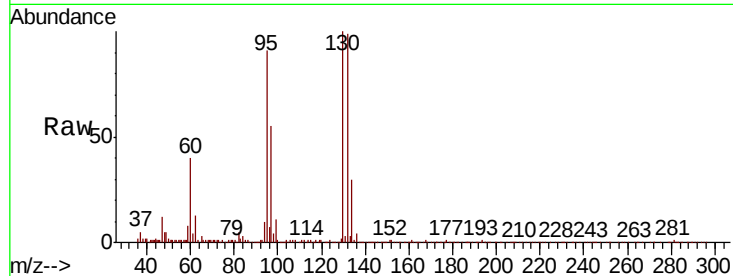
45BR-20191120DL

Tot Ion:130 Resp: 70138

Ion Ratio Lower Upper

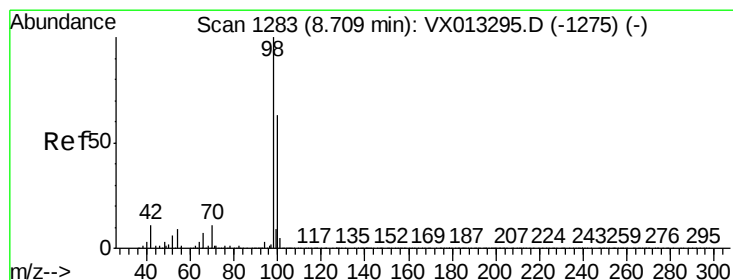
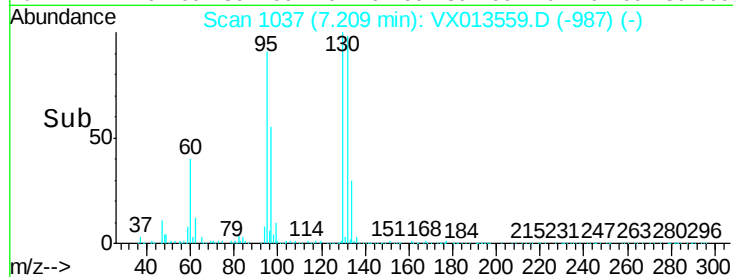
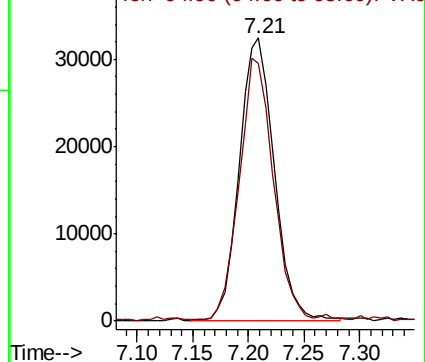
130 100

95 90.4 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: 50.475 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013559.D

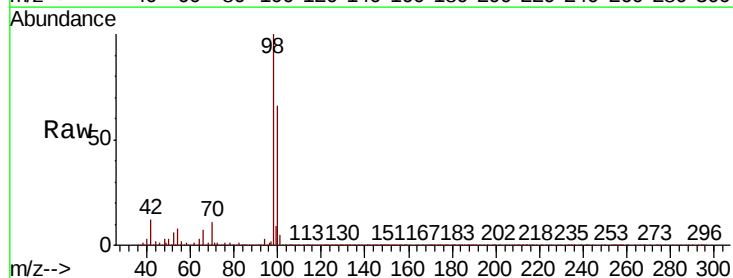
Acq: 23 Nov 2019 02:03

Tgt Ion: 98 Resp: 1274407

Ion Ratio Lower Upper

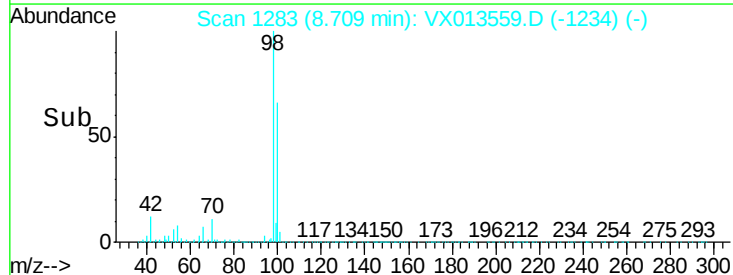
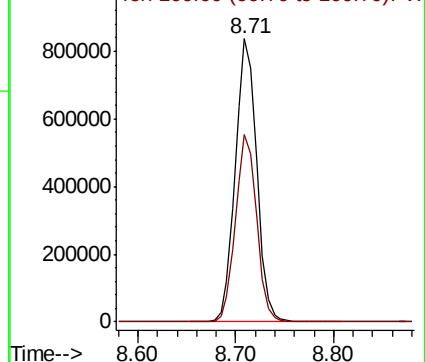
98 100

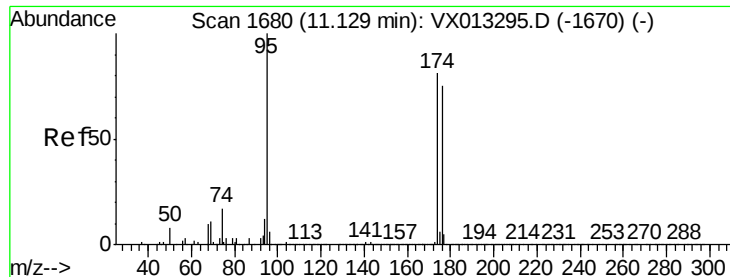
100 65.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.544 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013559.D

Acq: 23 Nov 2019 02:03

Instrument :

MSVOA_X

ClientSampleId :

45BR-20191120DL

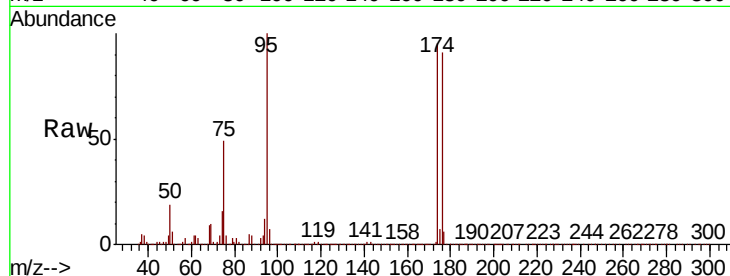
Tot Ion: 95 Resp: 424123

Ion Ratio Lower Upper

95 100

174 90.7 0.0 179.8

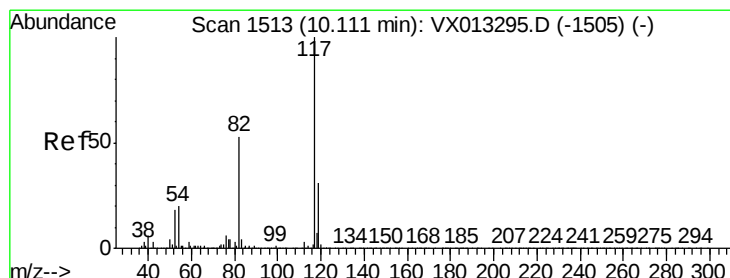
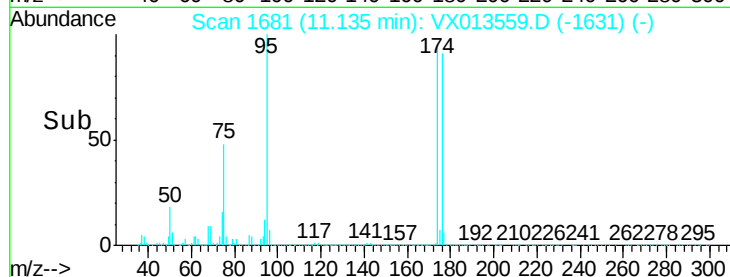
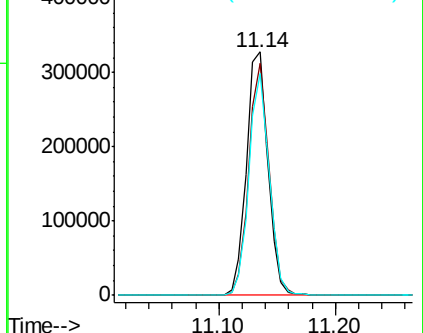
176 86.8 0.0 173.0



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: VX013559.D

Acq: 23 Nov 2019 02:03

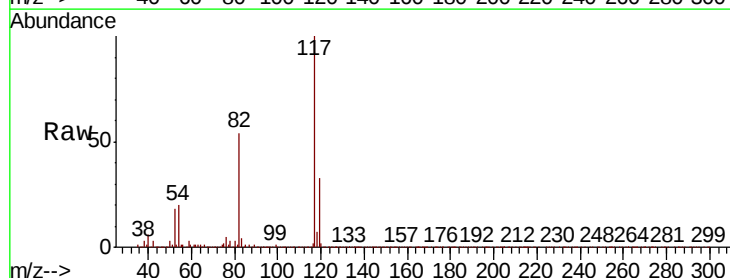
Tgt Ion: 117 Resp: 943884

Ion Ratio Lower Upper

117 100

82 53.8 42.6 64.0

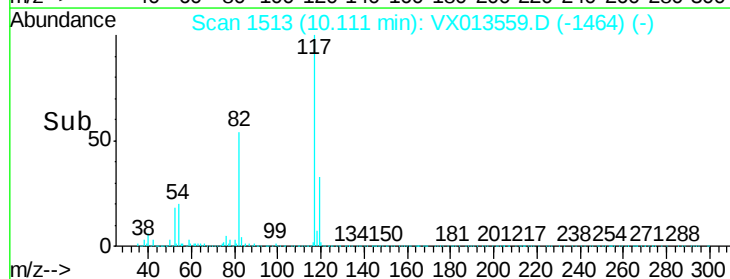
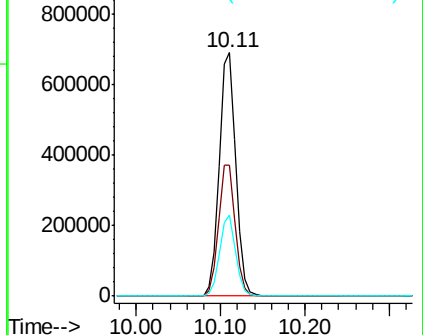
119 33.2 24.8 37.2

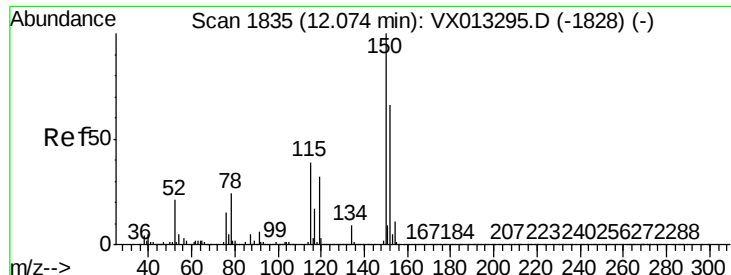


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX013559.D

Acq: 23 Nov 2019 02:03

Instrument :

MSVOA_X

ClientSampleId :

45BR-20191120DL

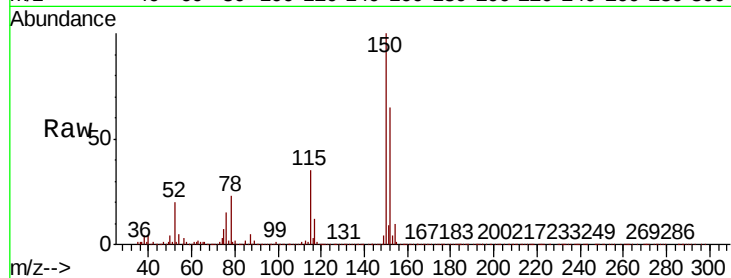
Tot Ion:152 Resp: 436255

Ion Ratio Lower Upper

152 100

115 55.5 39.5 118.3

150 157.6 0.0 344.4



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

