

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013561.D
 Acq On : 23 Nov 2019 02:49
 Operator : JC/SP
 Sample : K5962-11 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20191120

Quant Time: Nov 25 06:17:26 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

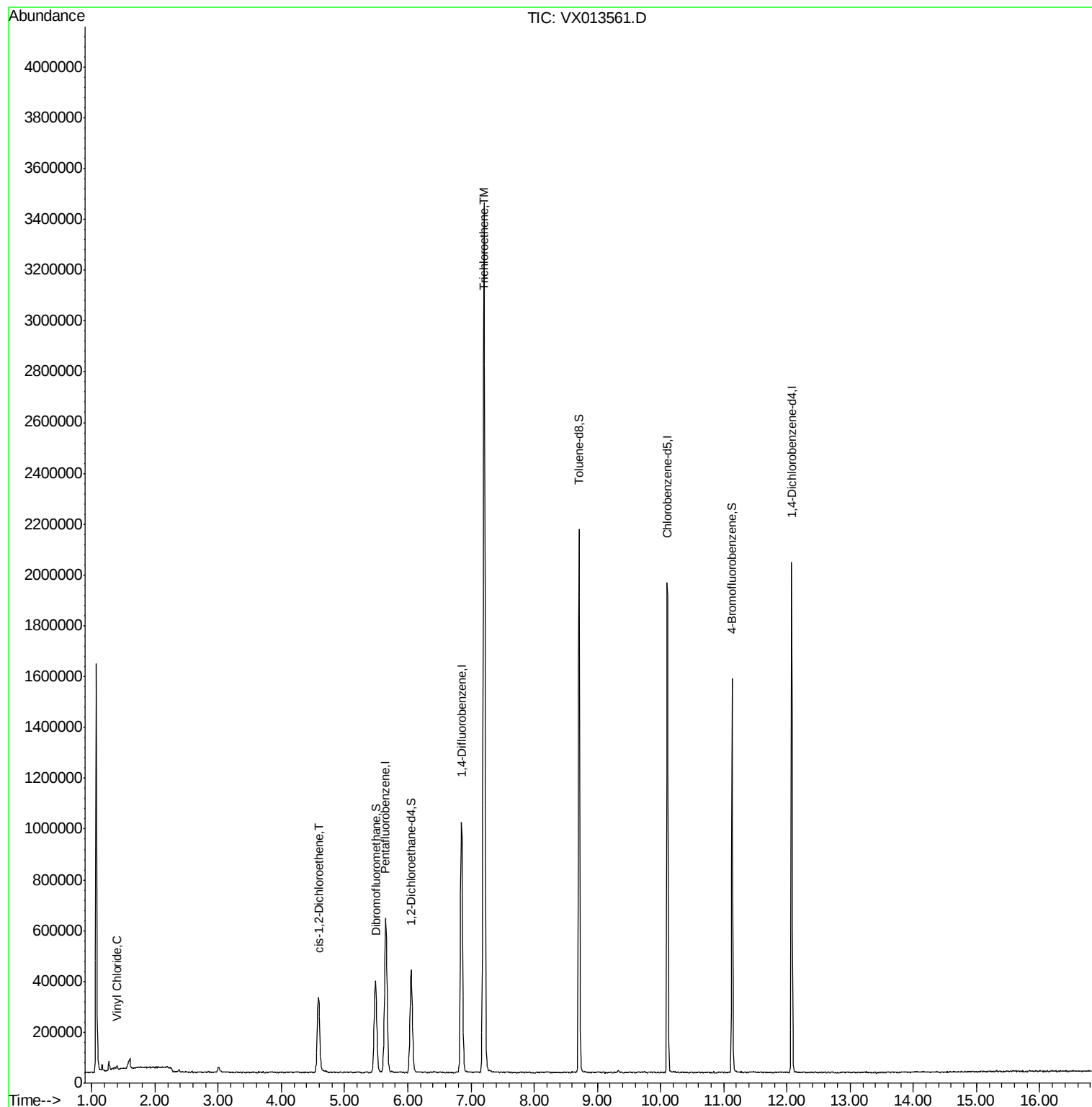
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	631876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1028746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	914300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	421326	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	381172	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
35) Dibromofluoromethane	5.49	113	316428	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	8.71	98	1239679	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	11.13	95	417540	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
Target Compounds						
4) Vinyl Chloride	1.40	62	7645	0.851	ug/l #	85
27) cis-1,2-Dichloroethene	4.59	96	193182	27.326	ug/l	90
44) Trichloroethene	7.21	130	1366412	180.569	ug/l	100

(#) = 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: VX013561.D

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Instrument :

MSVOA_X

ClientSampleId :

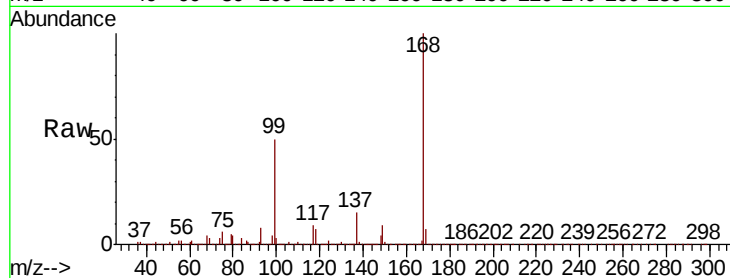
56BR-20191120

Tot Ion:168 Resp: 631876

Ion Ratio Lower Upper

168 100

99 50.1 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

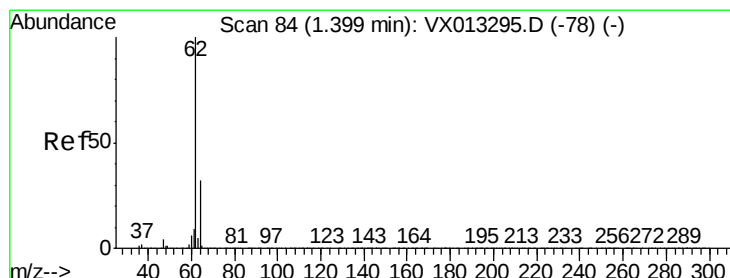
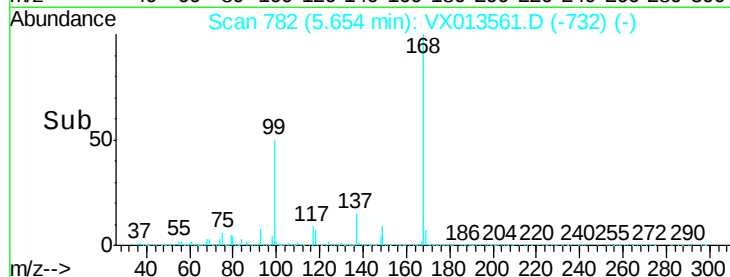
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 0.851 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013561.D

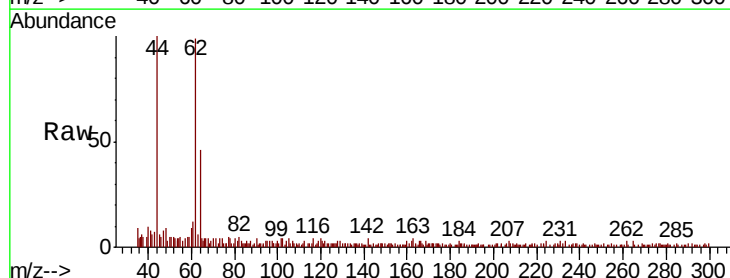
Acq: 23 Nov 2019 02:49

Tgt Ion: 62 Resp: 7645

Ion Ratio Lower Upper

62 100

64 40.2 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

8000

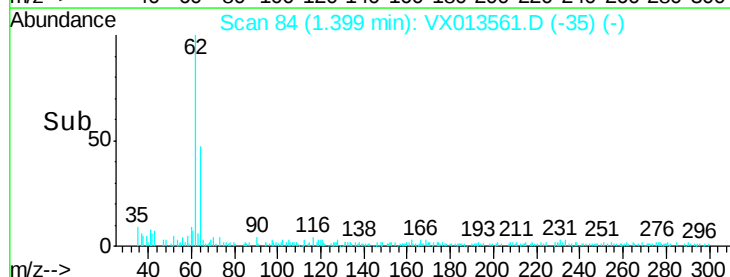
6000

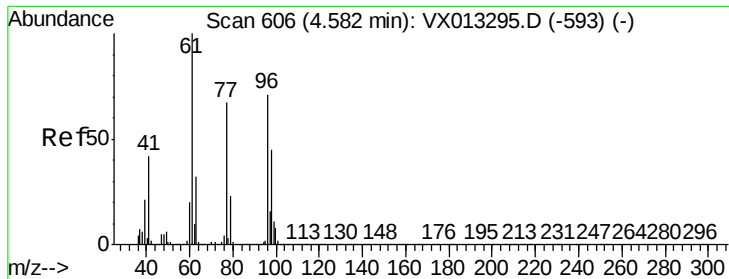
4000

2000

0

Time-->



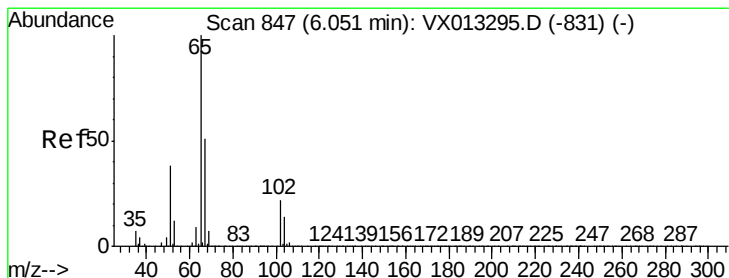
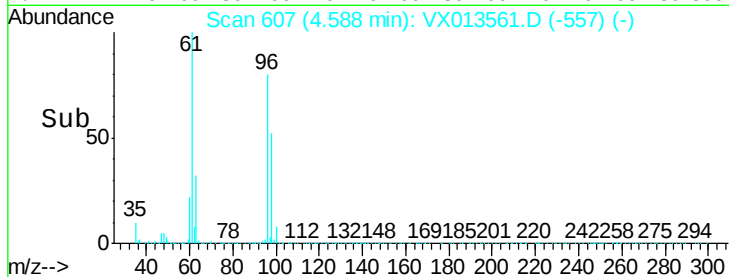
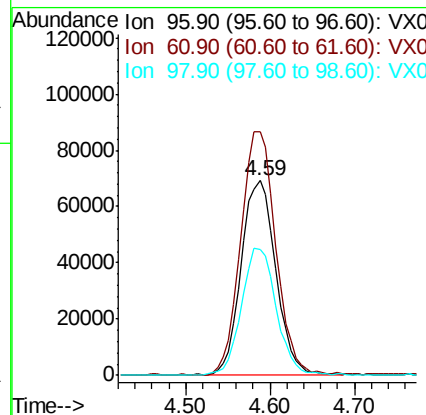
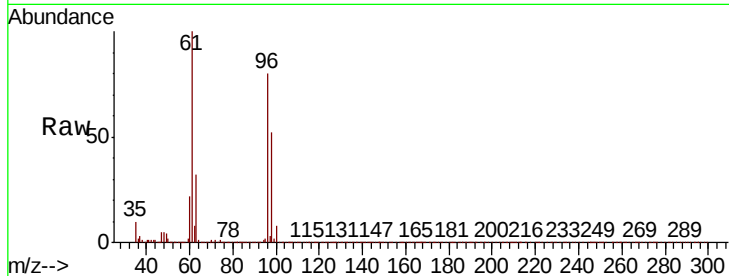


#27

cis-1,2-Dichloroethene
Concen: 27.326 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013561.D
Acq: 23 Nov 2019 02:49

Instrument :
MSVOA_X
ClientSampleId :
56BR-20191120

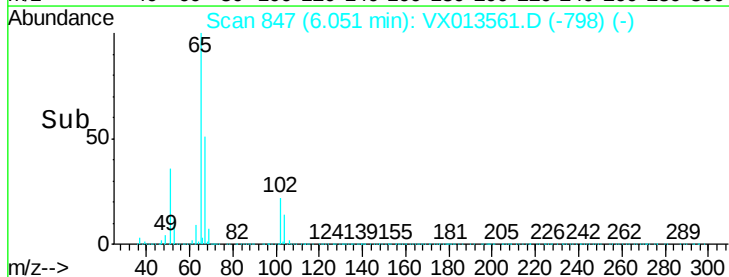
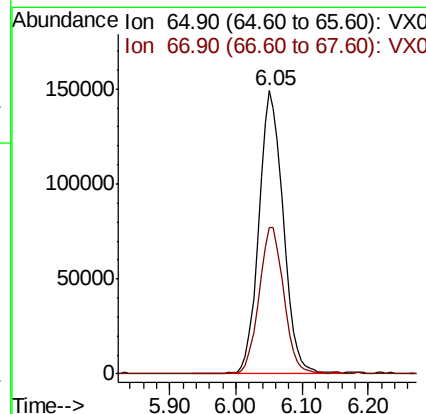
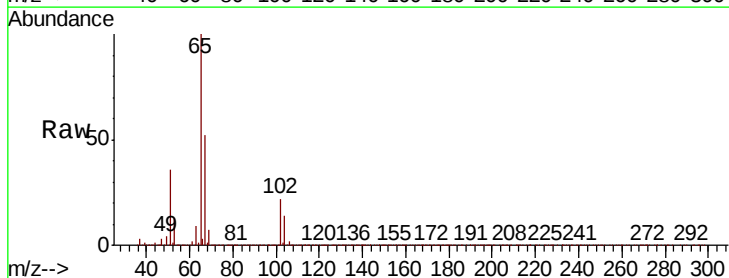
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.9	0.0	288.0
98	64.4	0.0	129.6

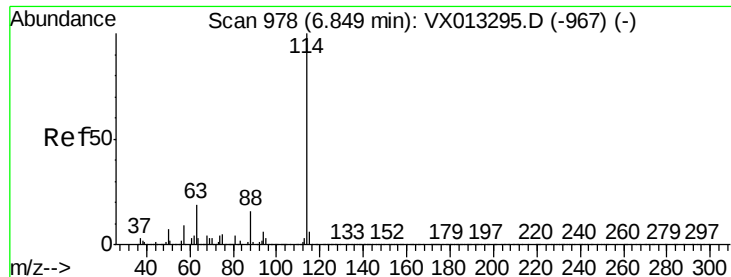


#33

1,2-Dichloroethane-d4
Concen: 50.919 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013561.D
Acq: 23 Nov 2019 02:49

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.3	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: VX013561.D

Acq: 23 Nov 2019 02:49

Instrument :

MSVOA_X

ClientSampleId :

56BR-20191120

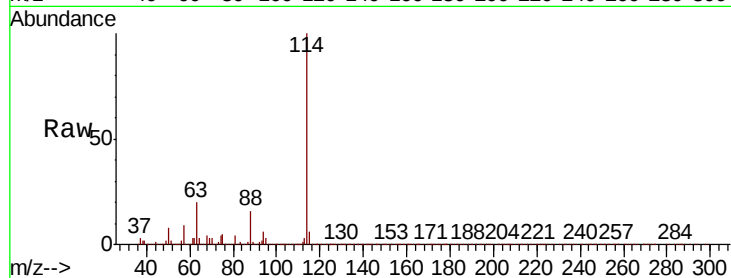
Tot Ion:114 Resp: 1028746

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.4

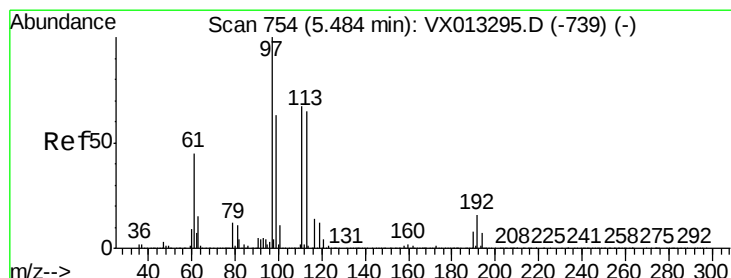
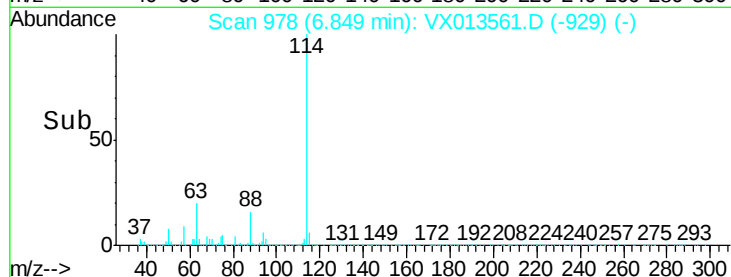
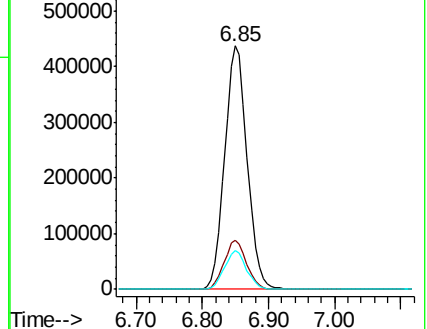
88 15.9 0.0 32.2



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: 49.040 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013561.D

Acq: 23 Nov 2019 02:49

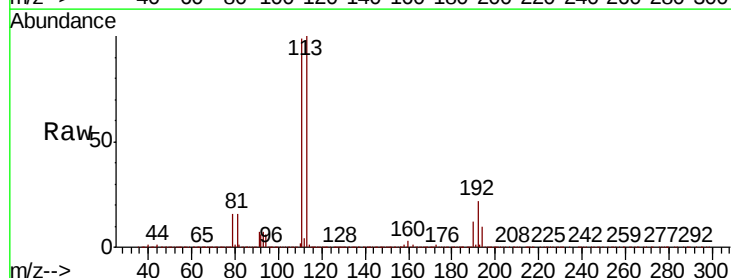
Tgt Ion:113 Resp: 316428

Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

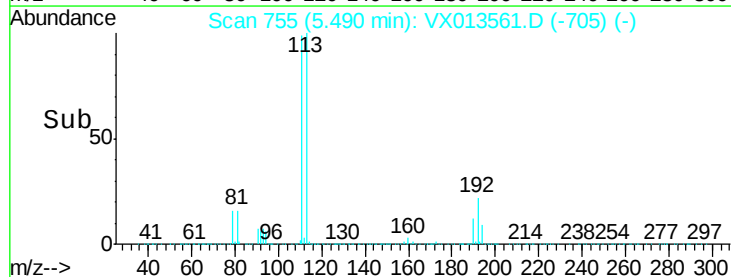
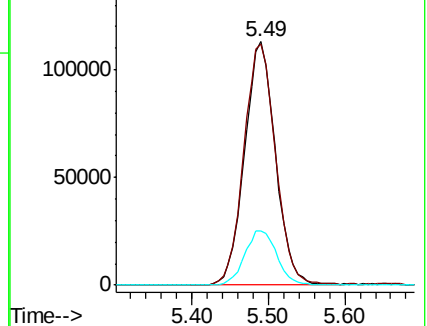
192 23.5 19.1 28.7

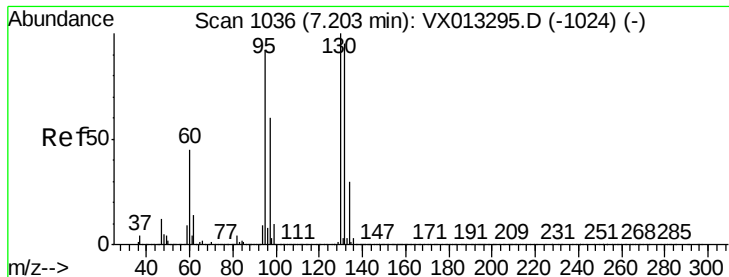


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 180.569 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013561.D

Acq: 23 Nov 2019 02:49

Instrument :

MSVOA_X

ClientSampleId :

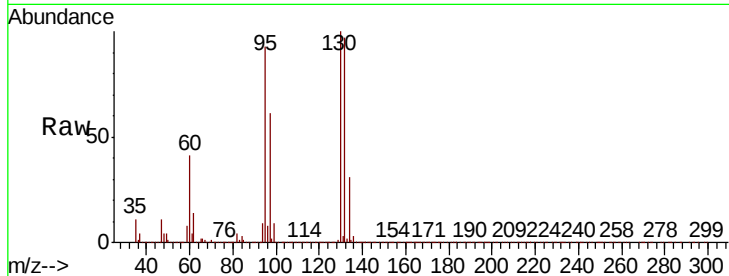
56BR-20191120

Tot Ion:130 Resp: 1366412

Ion Ratio Lower Upper

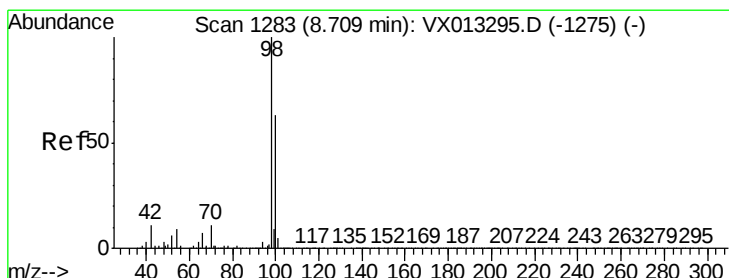
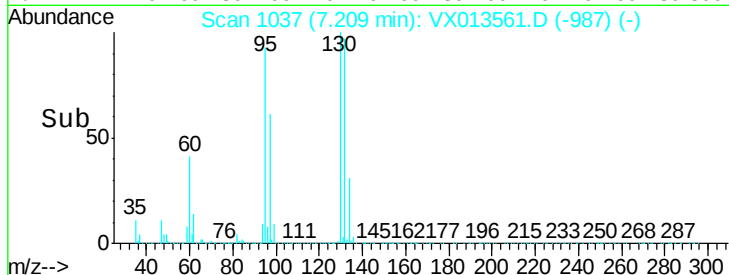
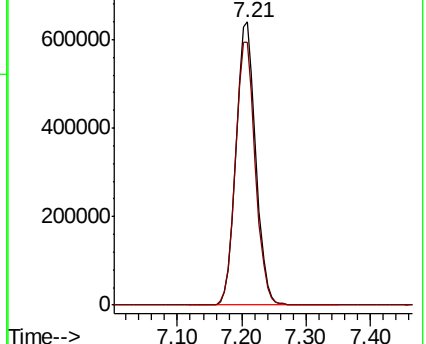
130 100

95 92.9 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: 50.963 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013561.D

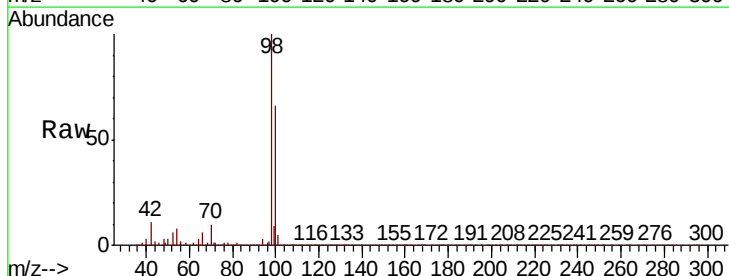
Acq: 23 Nov 2019 02:49

Tgt Ion: 98 Resp: 1239679

Ion Ratio Lower Upper

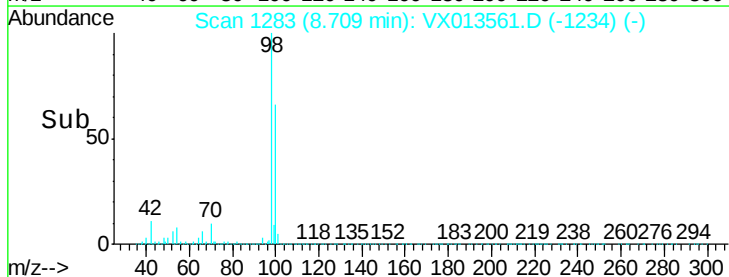
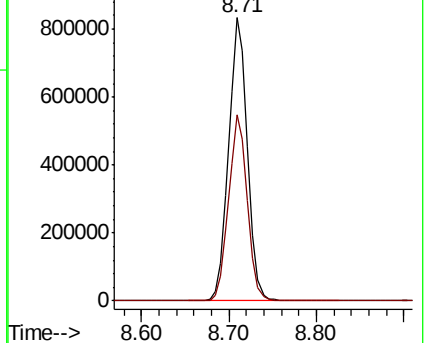
98 100

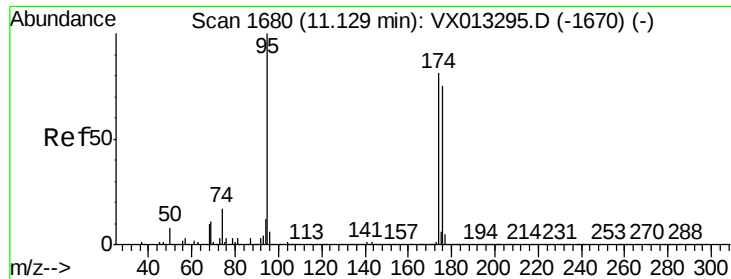
100 65.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.561 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013561.D

Acq: 23 Nov 2019 02:49

Instrument :

MSVOA_X

ClientSampleId :

56BR-20191120

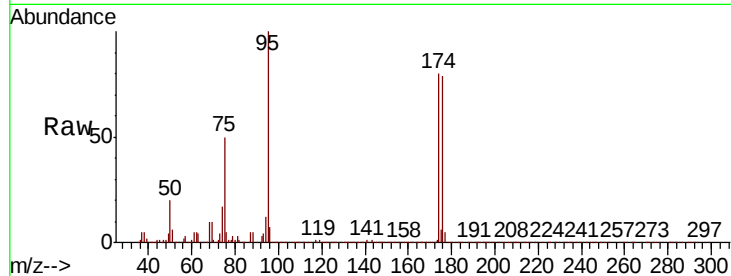
Tot Ion: 95 Resp: 417540

Ion Ratio Lower Upper

95 100

174 88.3 0.0 179.8

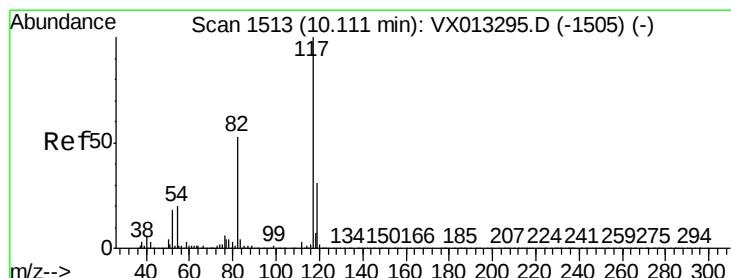
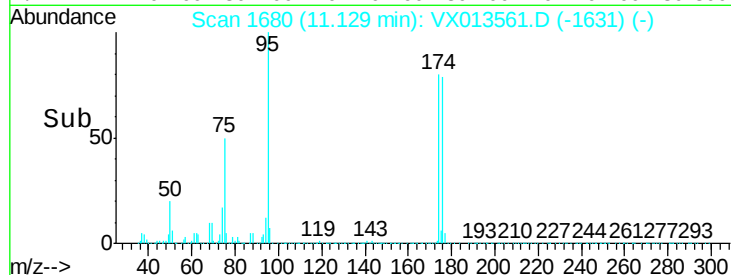
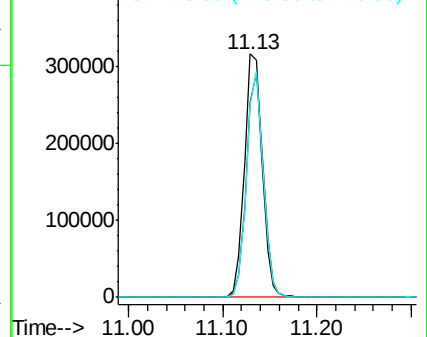
176 86.5 0.0 173.0



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: VX013561.D

Acq: 23 Nov 2019 02:49

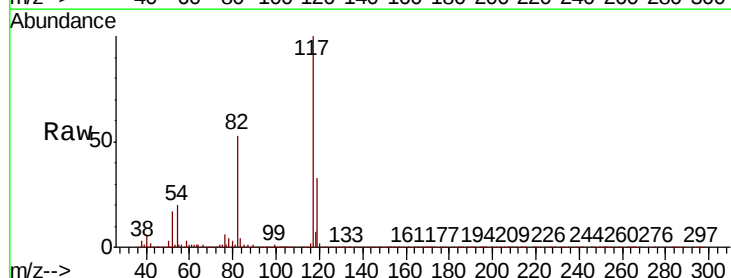
Tgt Ion: 117 Resp: 914300

Ion Ratio Lower Upper

117 100

82 52.7 42.6 64.0

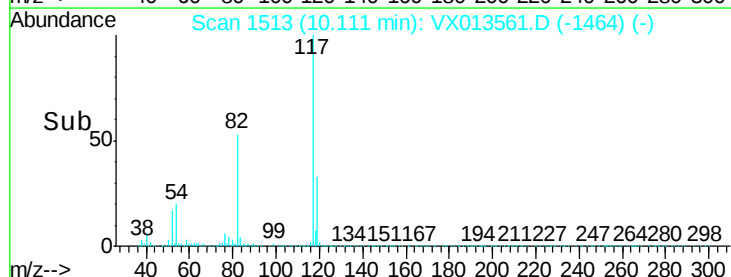
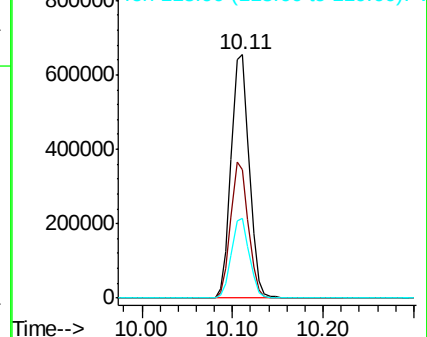
119 32.8 24.8 37.2

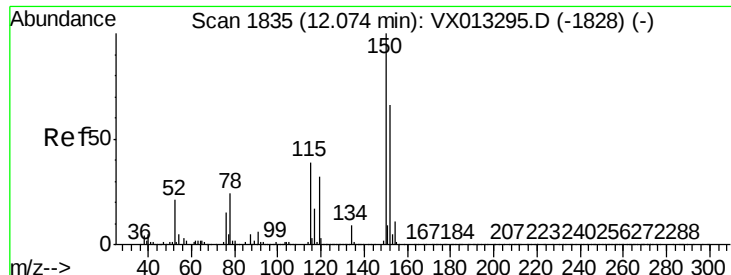


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX013561.D

Acq: 23 Nov 2019 02:49

Instrument :

MSVOA_X

ClientSampleId :

56BR-20191120

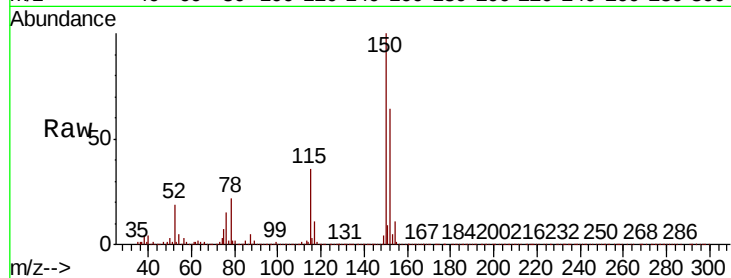
Tot Ion:152 Resp: 421326

Ion Ratio Lower Upper

152 100

115 55.3 39.5 118.3

150 156.4 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

