

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112919\
 Data File : VX013706.D
 Acq On : 29 Nov 2019 17:10
 Operator : JC/SP
 Sample : K5965-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0194

Quant Time: Dec 02 06:56:02 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

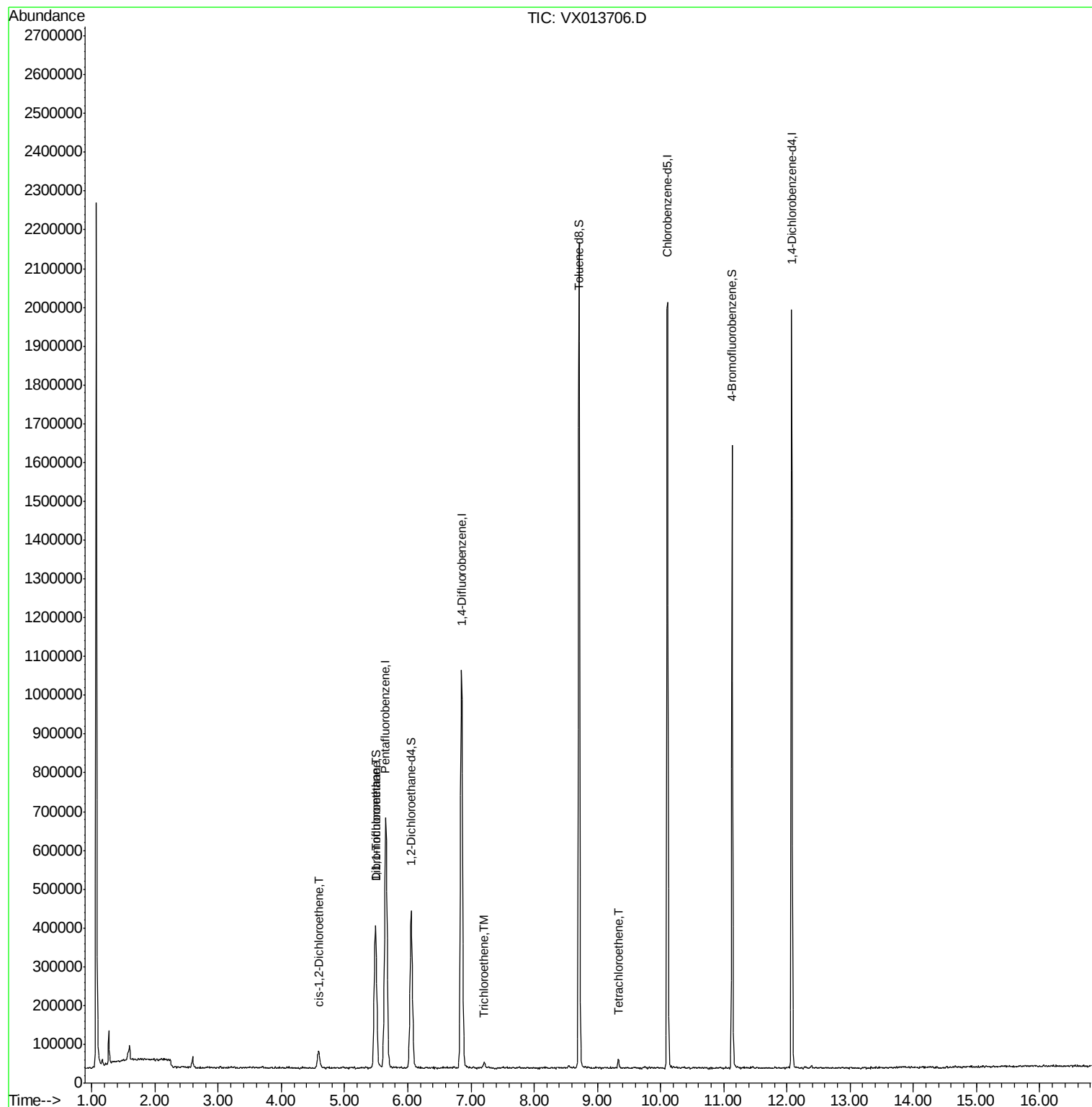
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	684522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1057611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	934887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	411720	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	379641	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
35) Dibromofluoromethane	5.49	113	314234	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
50) Toluene-d8	8.71	98	1246031	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.14	95	413633	45.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.06%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	28813	3.535	ug/l	88
32) 1,1,1-Trichloroethane	5.48	97	8908	0.845	ug/l #	48
44) Trichloroethene	7.21	130	7343	0.915	ug/l	86
64) Tetrachloroethene	9.34	164	4308	0.618	ug/l	94

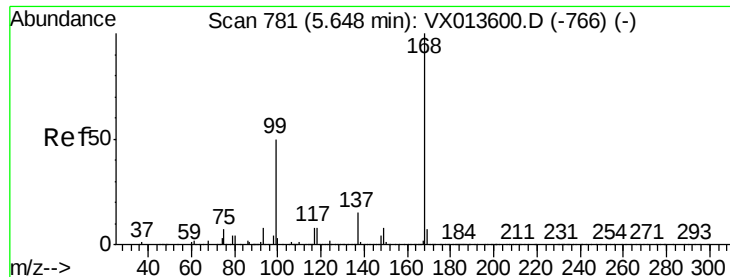
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112919\
Data File : VX013706.D
Acq On : 29 Nov 2019 17:10
Operator : JC/SP
Sample : K5965-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S39-0194

Quant Time: Dec 02 06:56:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013706.D

Acq: 29 Nov 2019 17:10

Instrument :

MSVOA_X

ClientSampled :

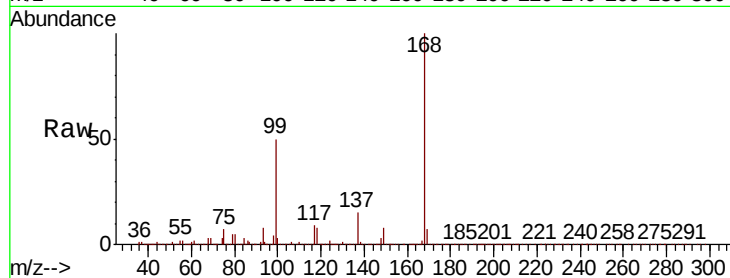
S39-0194

Tot Ion:168 Resp: 684522

Ion Ratio Lower Upper

168 100

99 49.8 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

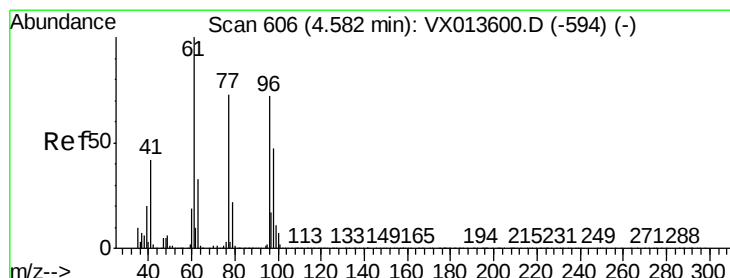
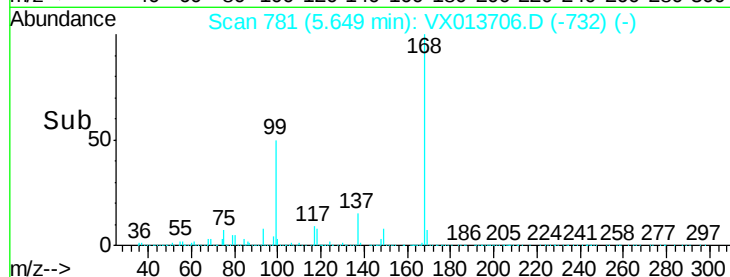
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#27

cis-1,2-Dichloroethene

Concen: 3.535 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013706.D

Acq: 29 Nov 2019 17:10

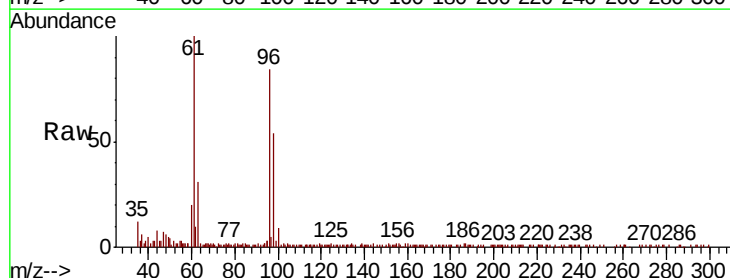
Tgt Ion: 96 Resp: 28813

Ion Ratio Lower Upper

96 100

61 124.1 0.0 286.4

98 66.5 0.0 127.4



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

15000

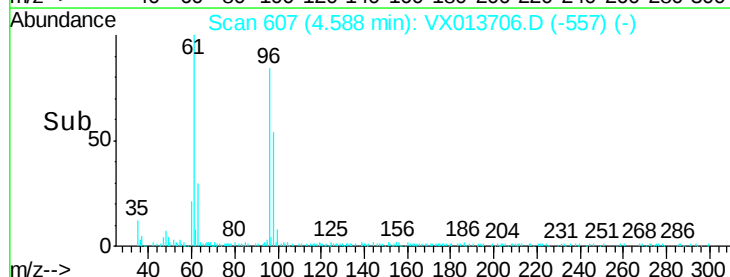
10000

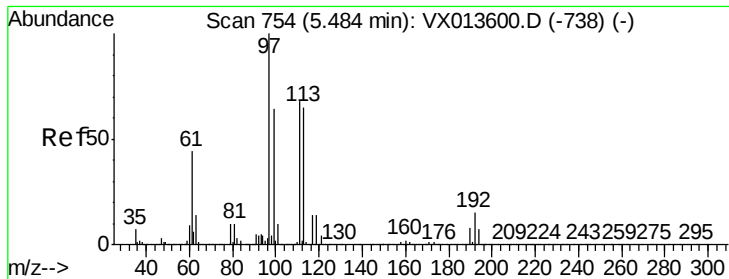
5000

0

4.50 4.55 4.60 4.65 4.70

Time-->





#32

1,1,1-Trichloroethane

Concen: 0.845 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013706.D

Acq: 29 Nov 2019 17:10

Instrument :

MSVOA_X

ClientSampleId :

S39-0194

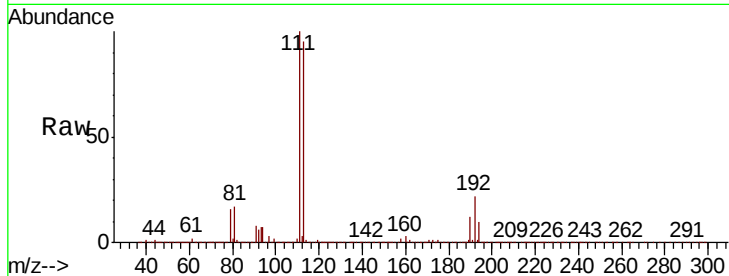
Tot Ion: 97 Resp: 8908

Ion Ratio Lower Upper

97 100

99 0.0 51.6 77.4#

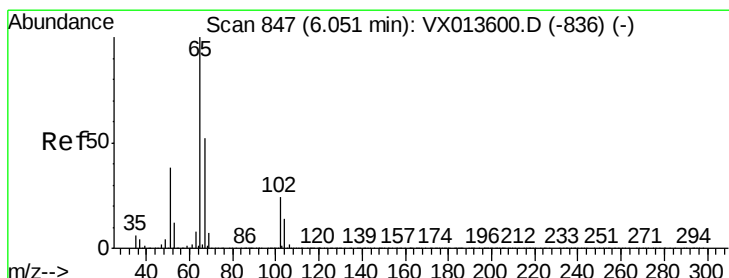
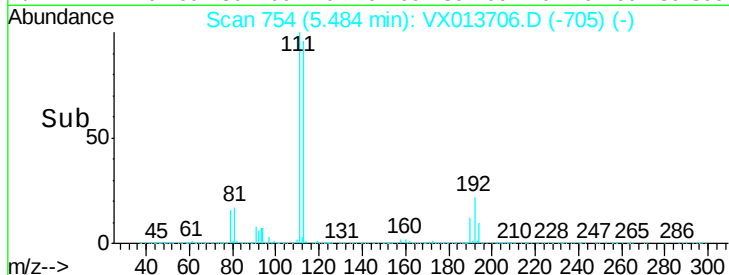
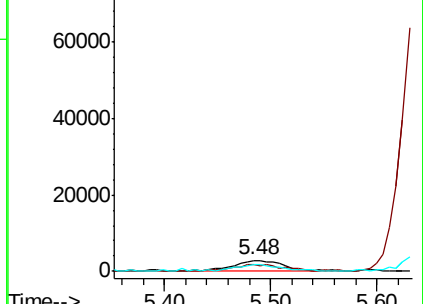
61 51.2 36.1 54.1



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.779 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013706.D

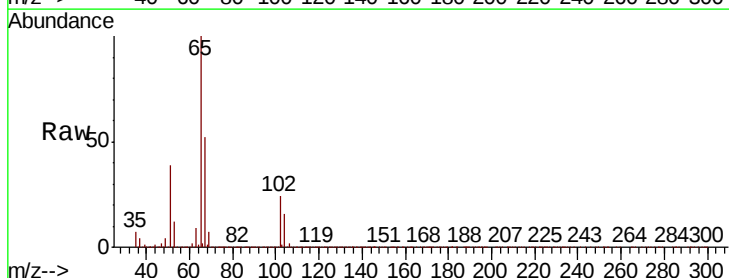
Acq: 29 Nov 2019 17:10

Tgt Ion: 65 Resp: 379641

Ion Ratio Lower Upper

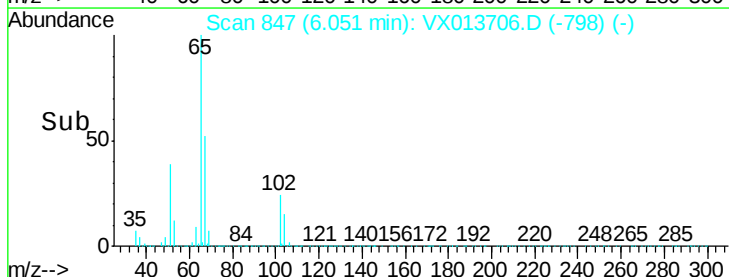
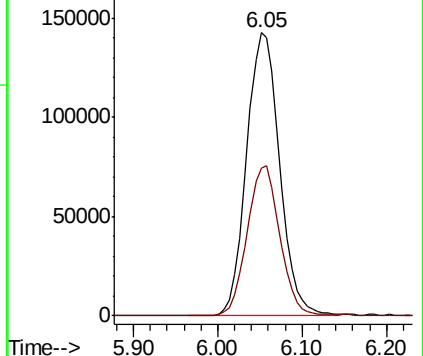
65 100

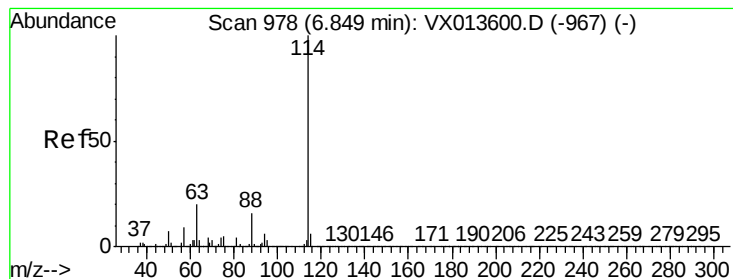
67 52.0 0.0 104.4



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: VX013706.D

Acq: 29 Nov 2019 17:10

Instrument :

MSVOA_X

ClientSampled :

S39-0194

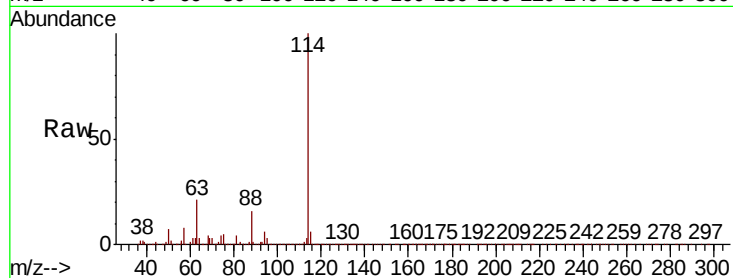
Tot Ion:114 Resp: 1057611

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

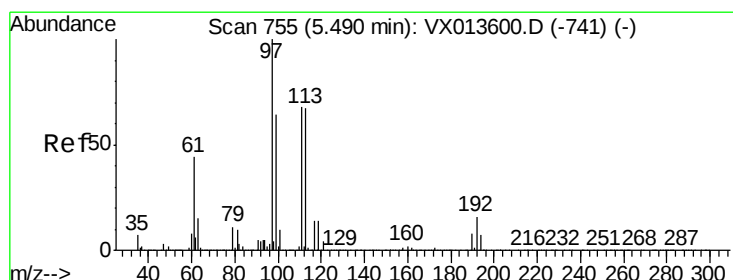
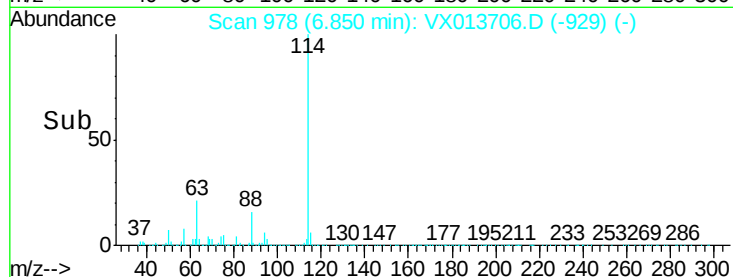
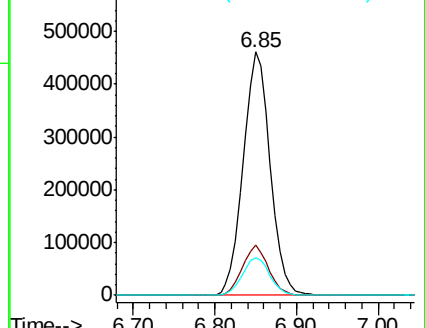
88 15.6 0.0 31.4



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: 48.061 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013706.D

Acq: 29 Nov 2019 17:10

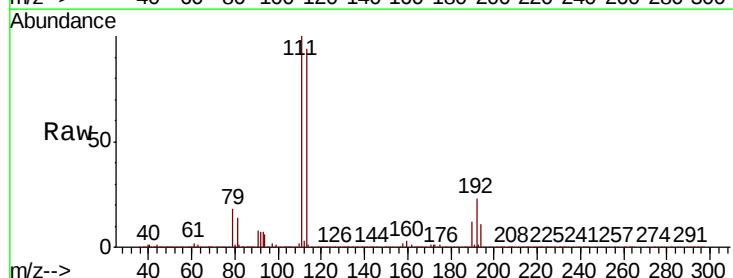
Tgt Ion:113 Resp: 314234

Ion Ratio Lower Upper

113 100

111 102.0 83.6 125.4

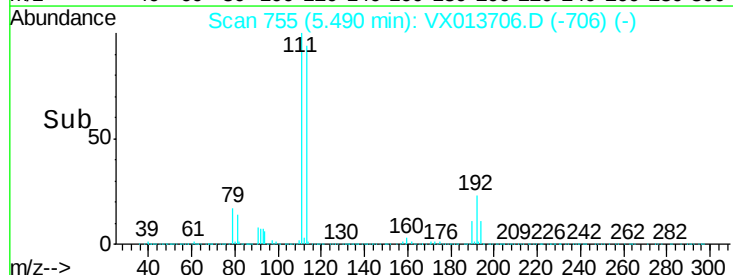
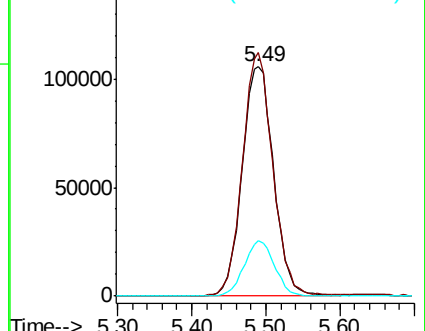
192 22.9 19.2 28.8

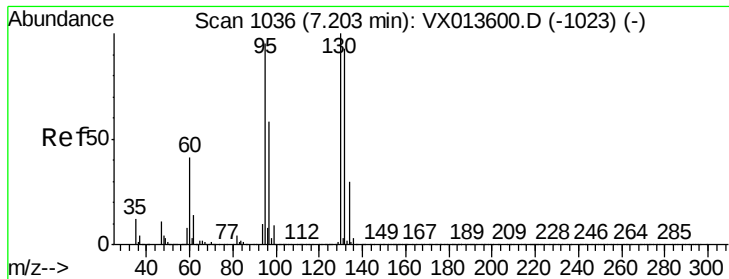


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

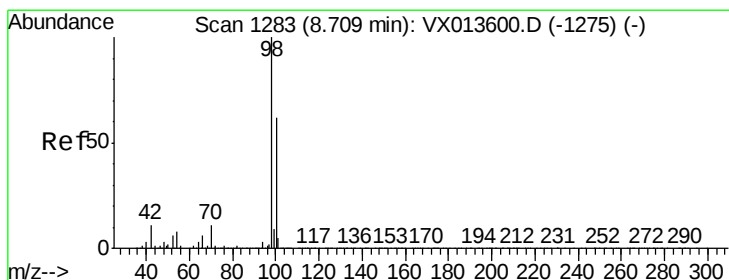
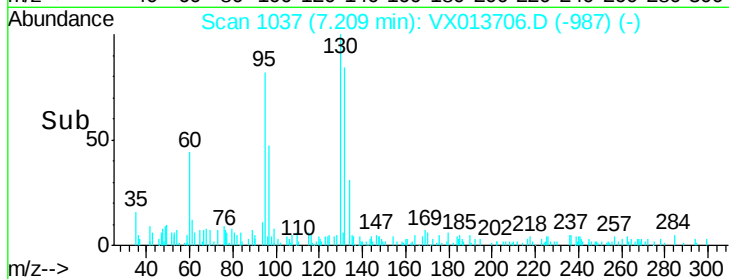
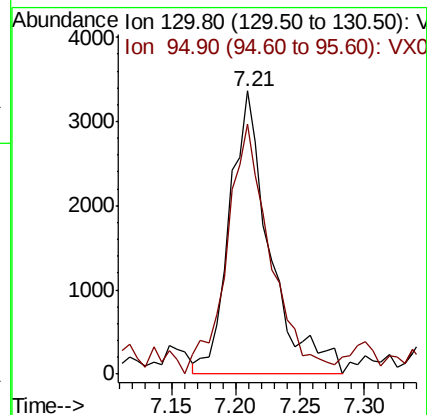
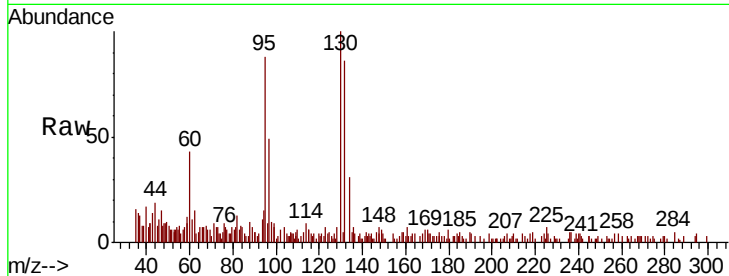




#44
 Trichloroethene
 Concen: 0.915 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013706.D
 Acq: 29 Nov 2019 17:10

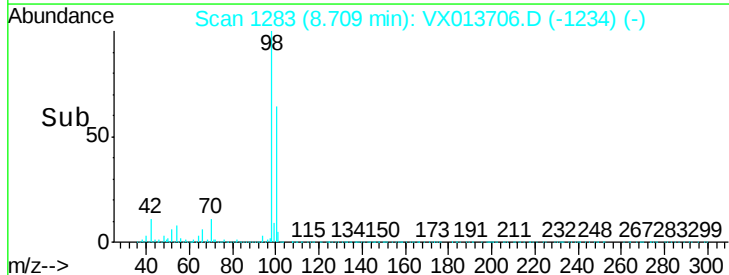
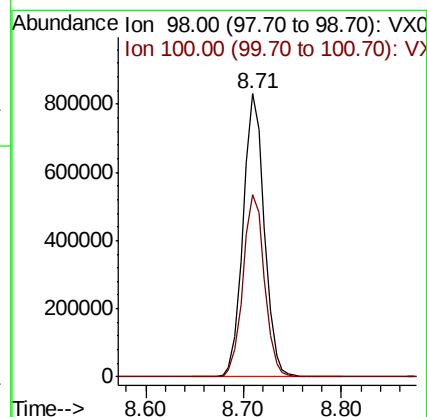
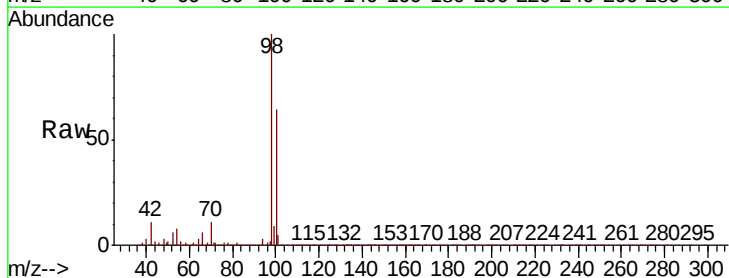
Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0194

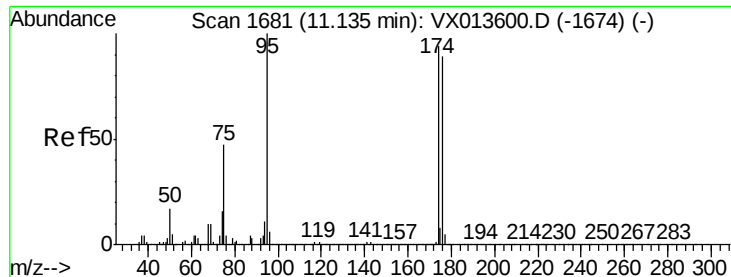
Tot Ion:130 Resp: 7343
 Ion Ratio Lower Upper
 130 100
 95 81.9 0.0 190.8



#50
 Toluene-d8
 Concen: 48.914 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX013706.D
 Acq: 29 Nov 2019 17:10

Tgt Ion: 98 Resp: 1246031
 Ion Ratio Lower Upper
 98 100
 100 65.4 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 45.029 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013706.D

Acq: 29 Nov 2019 17:10

Instrument :

MSVOA_X

ClientSampleId :

S39-0194

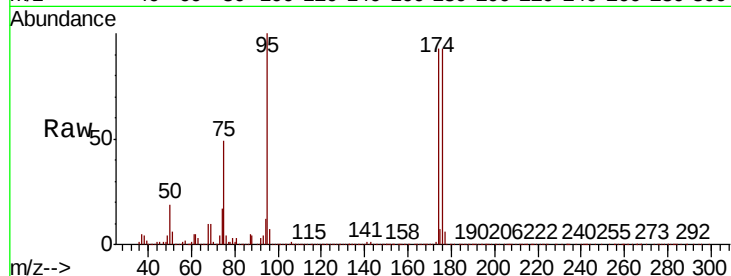
Tot Ion: 95 Resp: 413633

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.0

176 88.3 0.0 173.6



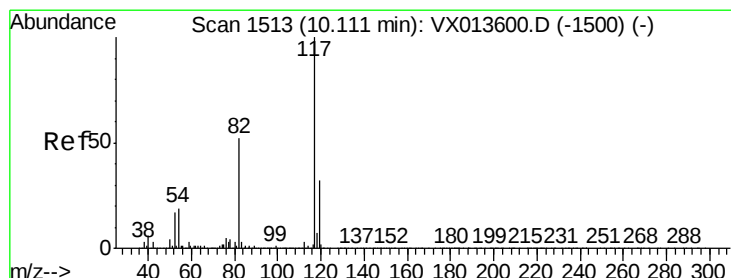
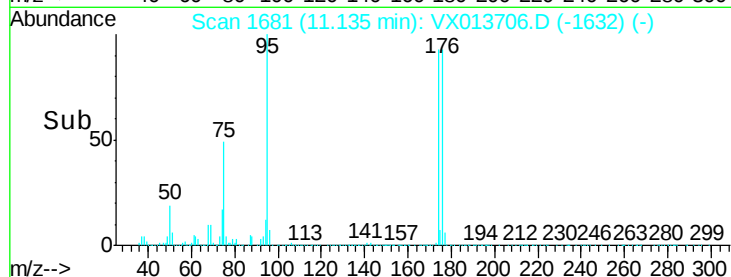
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013706.D

Acq: 29 Nov 2019 17:10

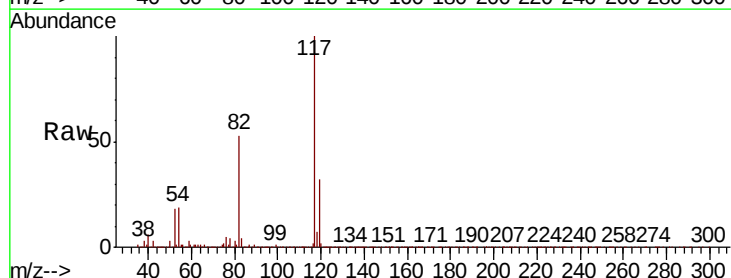
Tgt Ion: 117 Resp: 934887

Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.8

119 32.4 25.8 38.8



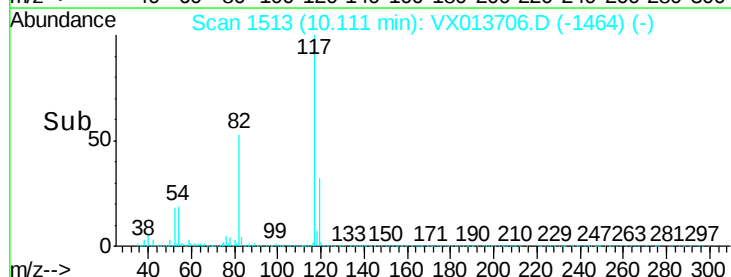
Abundance Ion 116.90 (116.60 to 117.60): V

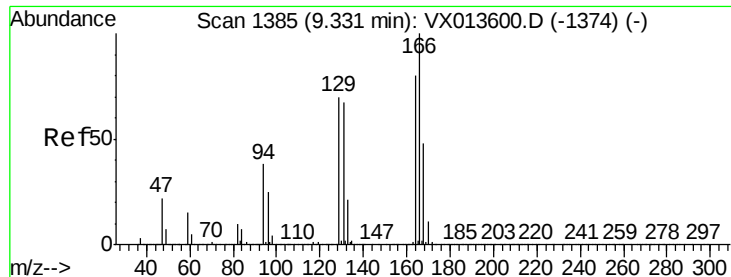
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

10.11

Time-->

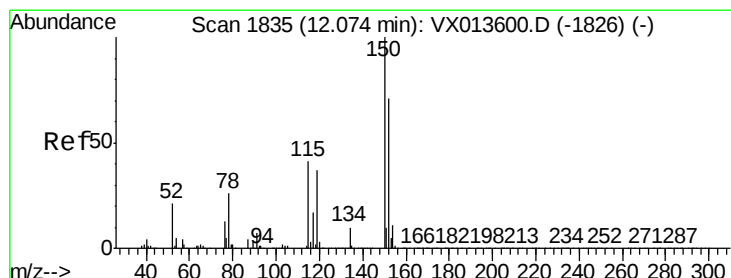
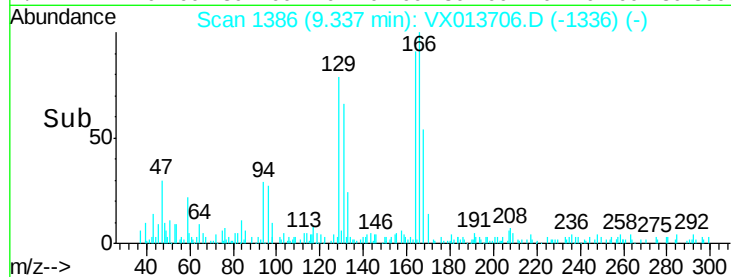
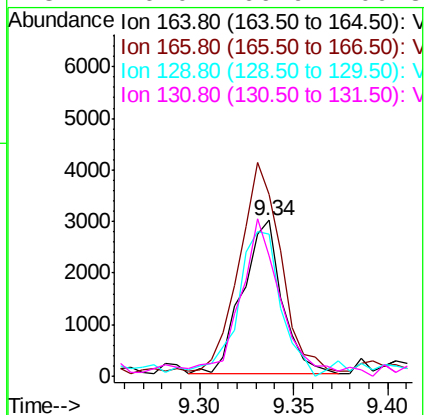
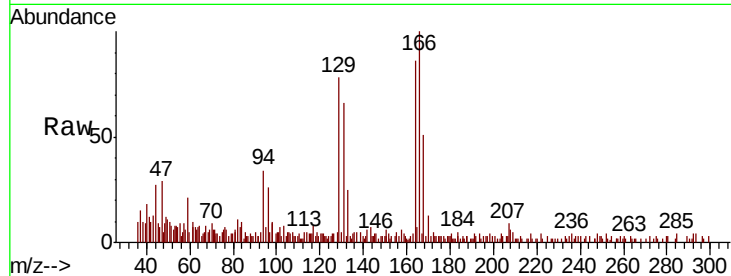




#64
Tetrachloroethene
Concen: 0.618 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX013706.D
Acq: 29 Nov 2019 17:10

Instrument :
MSVOA_X
ClientSampled :
S39-0194

Tot Ion:164	Resp:	4308
Ion Ratio	Lower	Upper
164 100		
166 115.7	99.7	149.5
129 89.2	70.1	105.1
131 76.0	66.9	100.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013706.D
Acq: 29 Nov 2019 17:10

Tgt	Ion:152	Resp:	411720
Ion	Ratio	Lower	Upper
152	100		
115	54.9	38.4	115.1
150	156.2	0.0	346.8

