

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013801.D
 Acq On : 06 Dec 2019 15:52
 Operator : JC/SP
 Sample : K6184-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D2-20191204

Quant Time: Dec 07 04:06:53 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

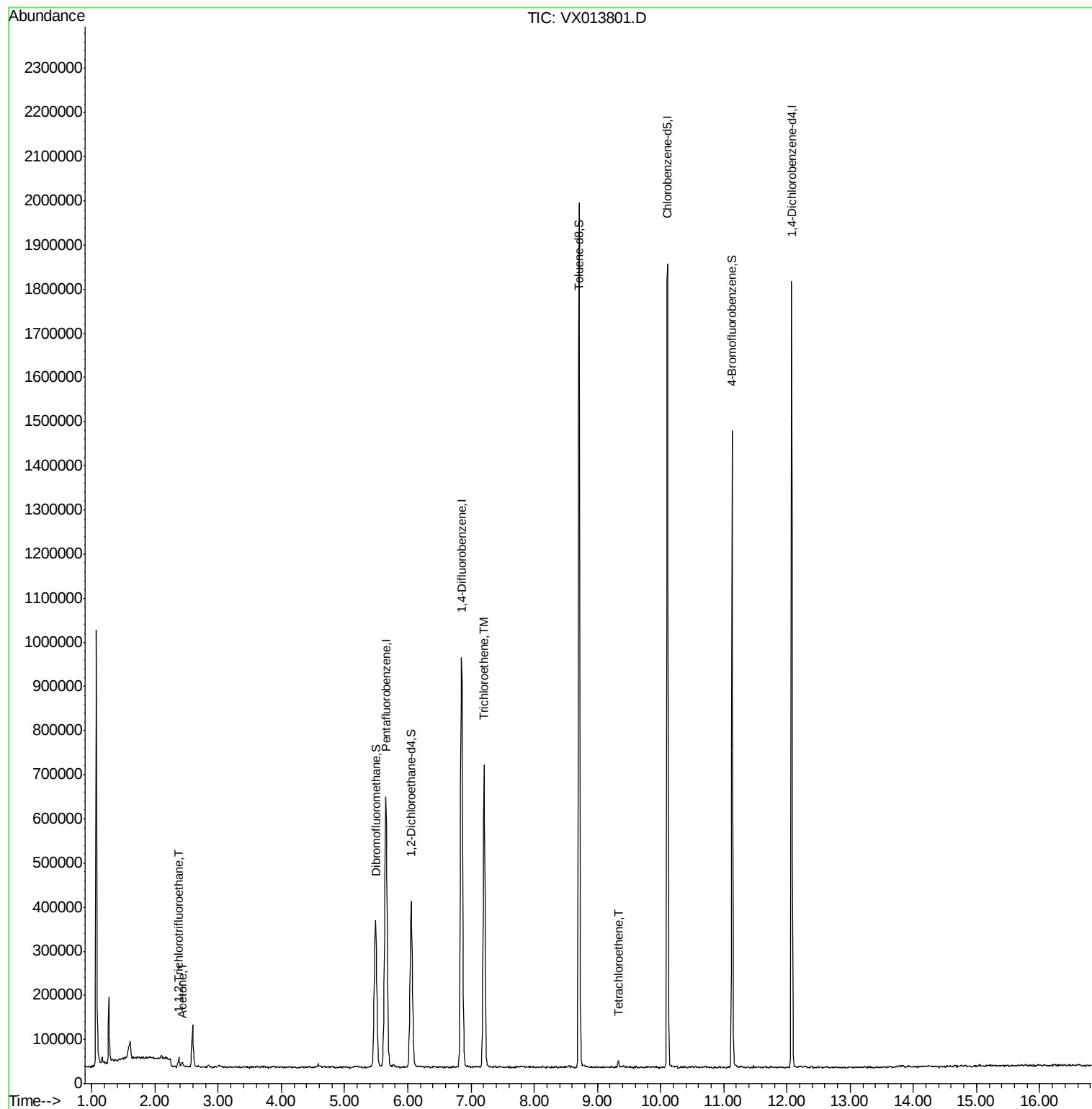
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	632308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	971092	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	858630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	373105	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	346162	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
35) Dibromofluoromethane	5.49	113	288806	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
50) Toluene-d8	8.71	98	1135913	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.13	95	378032	44.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.64%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	7829	1.299	ug/l	97
16) Acetone	2.44	43	10348	2.856	ug/l #	83
44) Trichloroethene	7.21	130	273225	37.081	ug/l	95
64) Tetrachloroethene	9.34	164	3202	0.500	ug/l	97

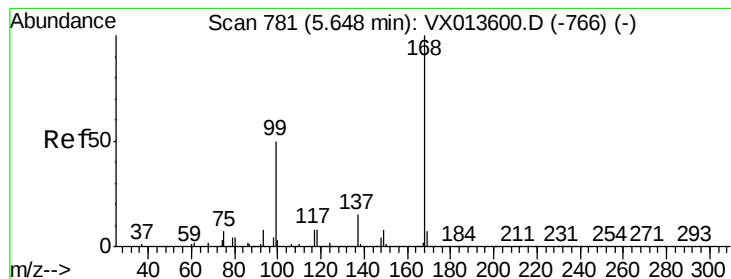
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 782

Delta R.T. 0.01 min

Lab File: VX013801.D

Acq: 06 Dec 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

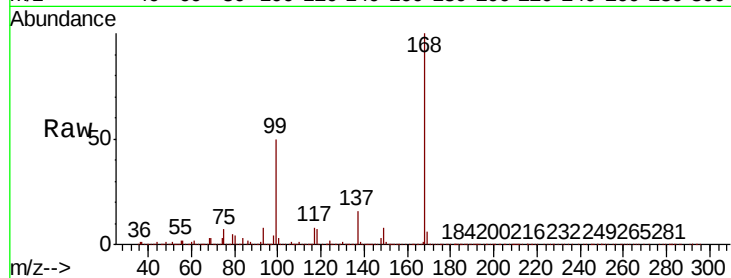
RE109D2-20191204

Tot Ion:168 Resp: 632308

Ion Ratio Lower Upper

168 100

99 49.5 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

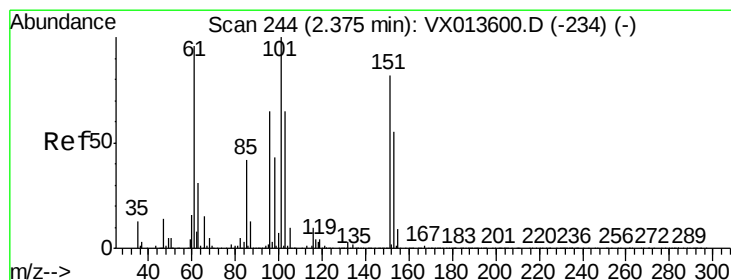
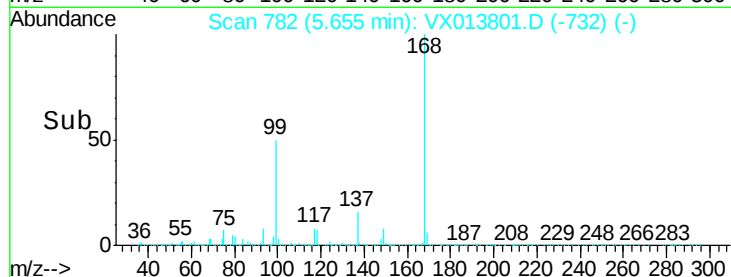
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.299 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013801.D

Acq: 06 Dec 2019 15:52

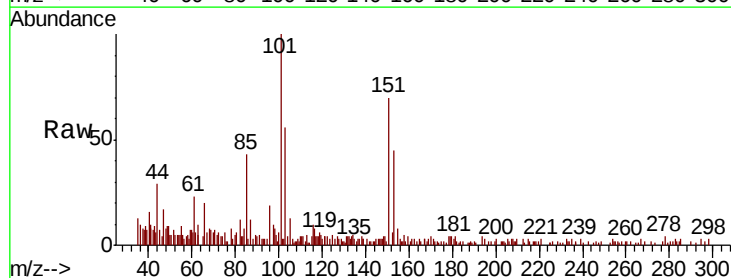
Tgt Ion:101 Resp: 7829

Ion Ratio Lower Upper

101 100

85 43.8 33.9 50.9

151 83.0 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.37

6000

5000

4000

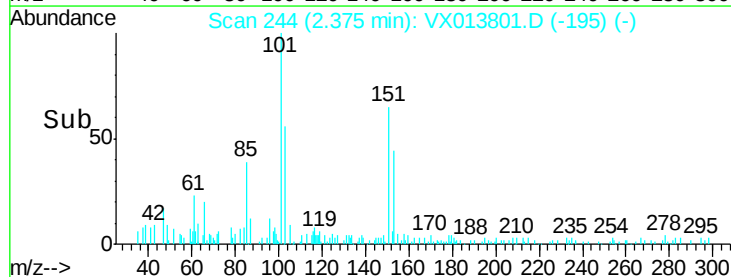
3000

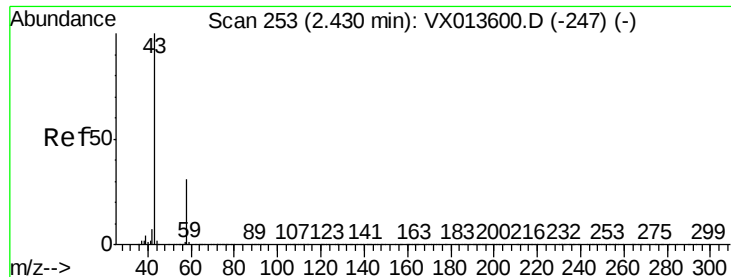
2000

1000

0

Time-->





#16

Acetone

Concen: 2.856 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013801.D

Acq: 06 Dec 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

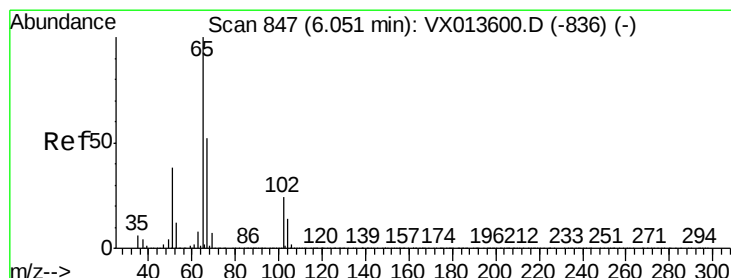
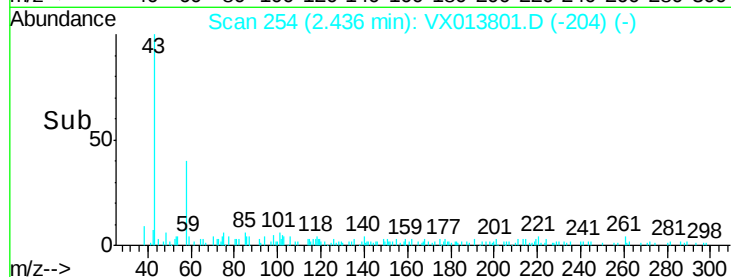
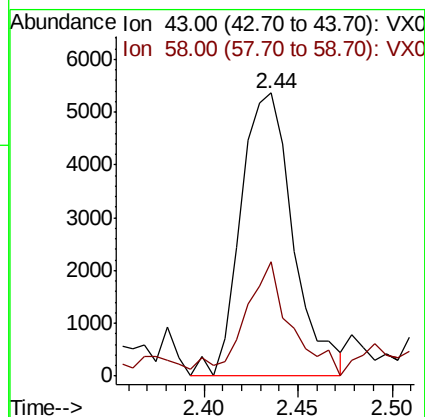
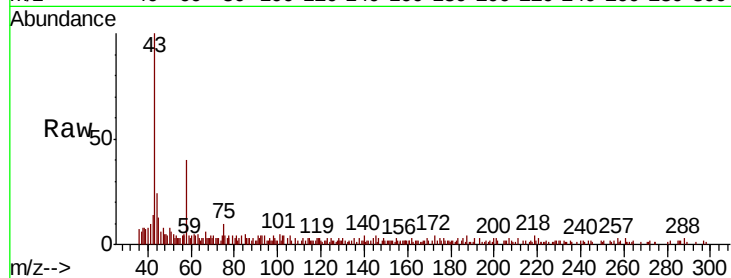
RE109D2-20191204

Tot Ion: 43 Resp: 10348

Ion Ratio Lower Upper

43 100

58 40.2 24.6 36.8#



#33

1,2-Dichloroethane-d4

Concen: 47.163 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013801.D

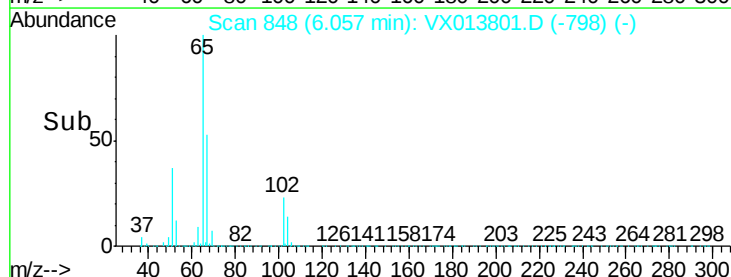
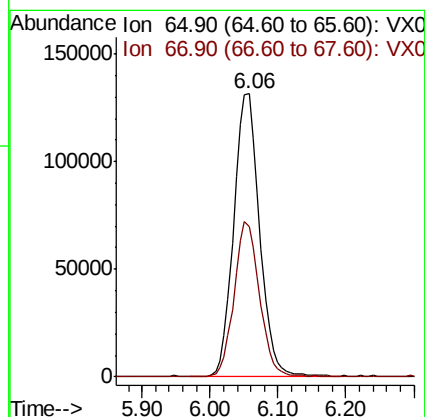
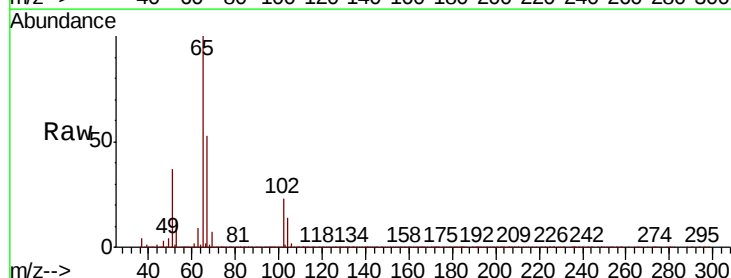
Acq: 06 Dec 2019 15:52

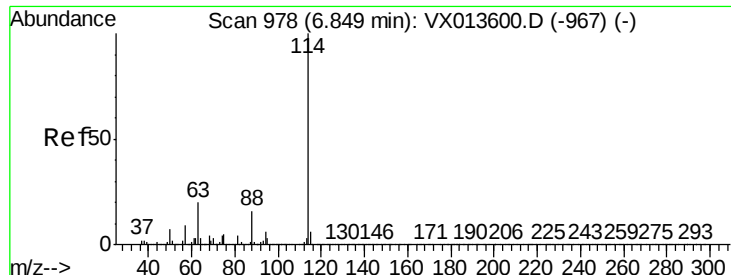
Tgt Ion: 65 Resp: 346162

Ion Ratio Lower Upper

65 100

67 53.6 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: VX013801.D

Acq: 06 Dec 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

RE109D2-20191204

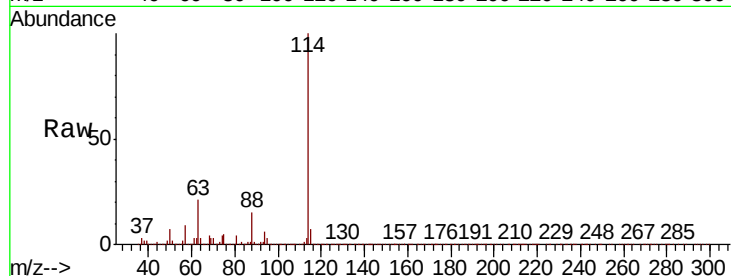
Tot Ion:114 Resp: 971092

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

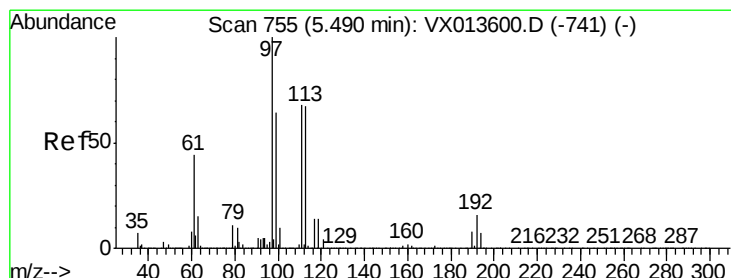
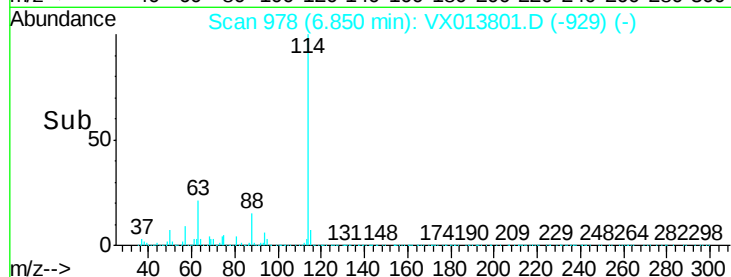
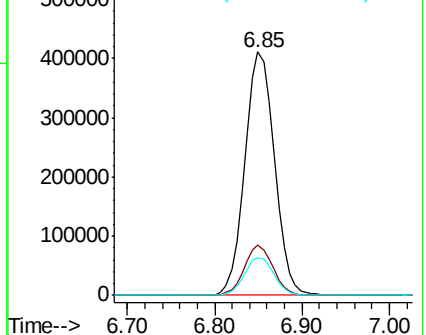
88 15.4 0.0 31.4



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: 48.107 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013801.D

Acq: 06 Dec 2019 15:52

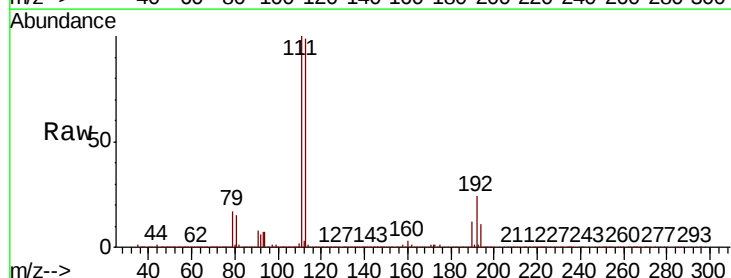
Tgt Ion:113 Resp: 288806

Ion Ratio Lower Upper

113 100

111 102.0 83.6 125.4

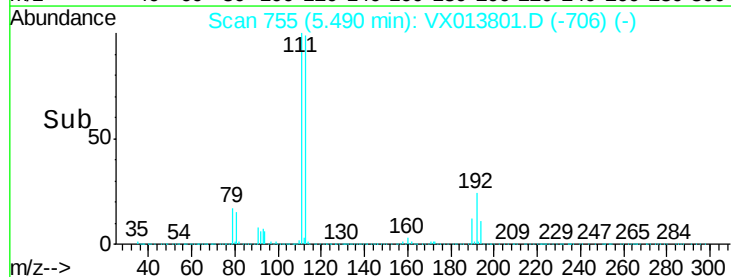
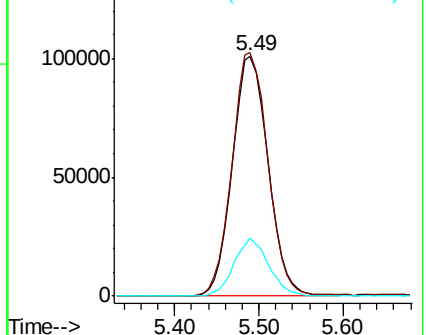
192 23.4 19.2 28.8

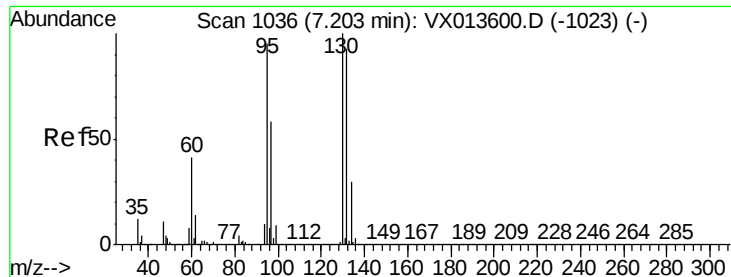


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 37.081 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013801.D

Acq: 06 Dec 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

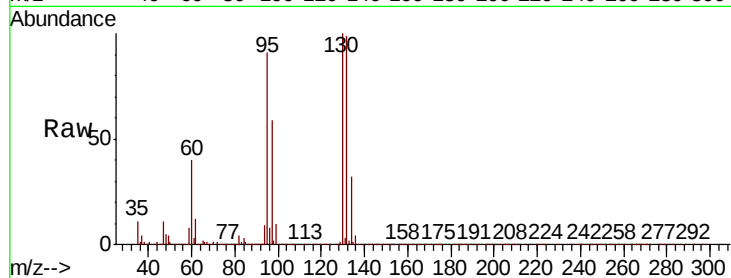
RE109D2-20191204

Tot Ion:130 Resp: 273225

Ion Ratio Lower Upper

130 100

95 90.5 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

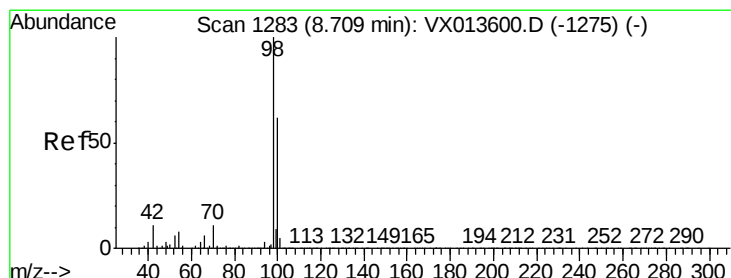
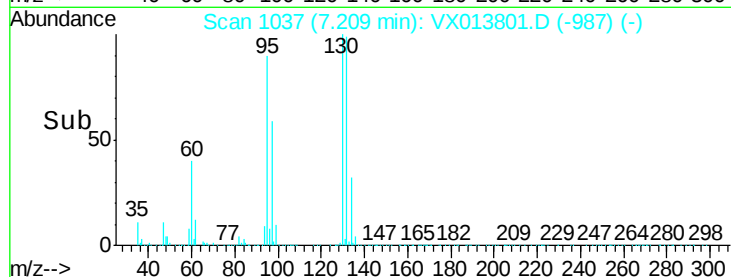
150000

100000

50000

0

Time--> 7.10 7.20 7.30



#50

Toluene-d8

Concen: 48.564 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013801.D

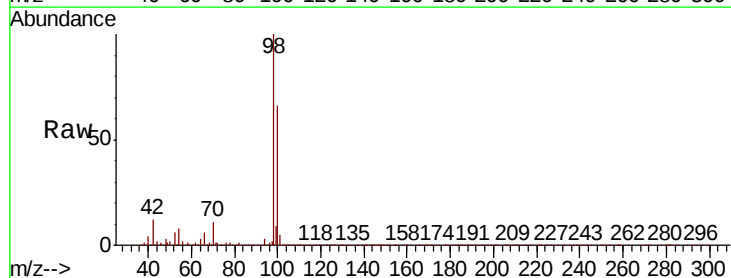
Acq: 06 Dec 2019 15:52

Tgt Ion: 98 Resp: 1135913

Ion Ratio Lower Upper

98 100

100 65.8 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

800000

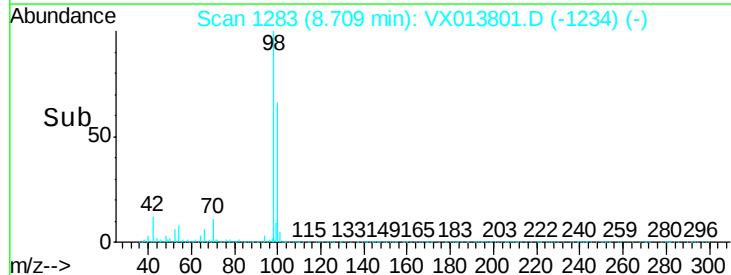
600000

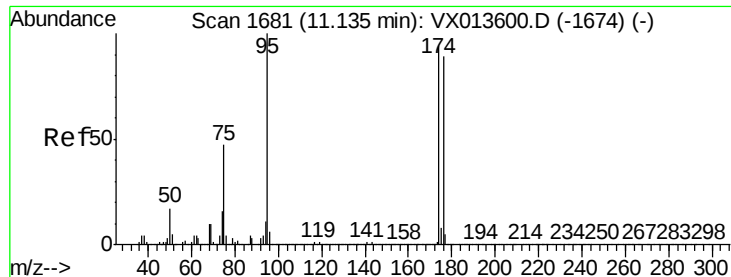
400000

200000

0

Time--> 8.60 8.70 8.80





#62

4-Bromofluorobenzene

Concen: 44.820 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013801.D

Acq: 06 Dec 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

RE109D2-20191204

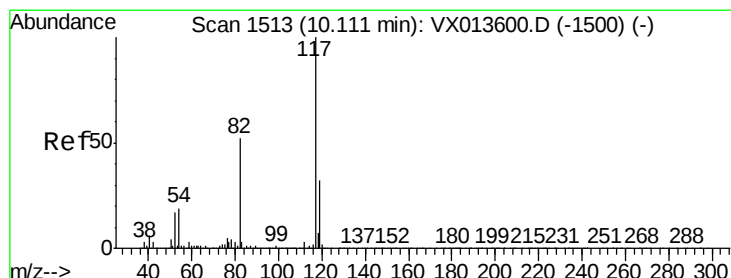
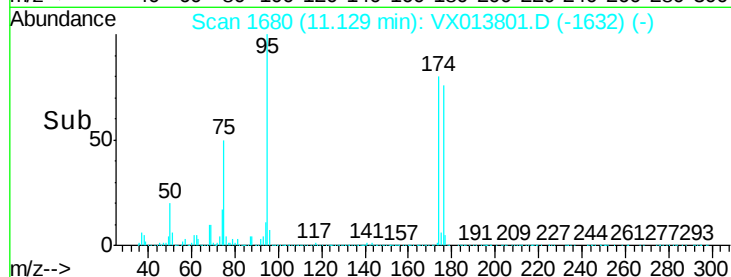
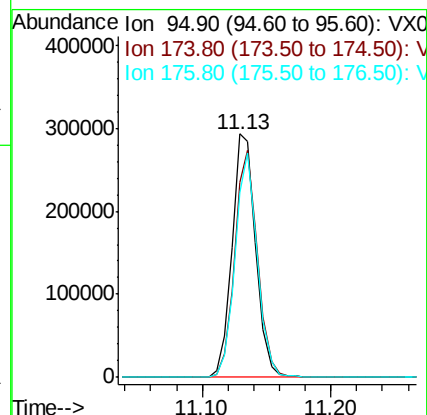
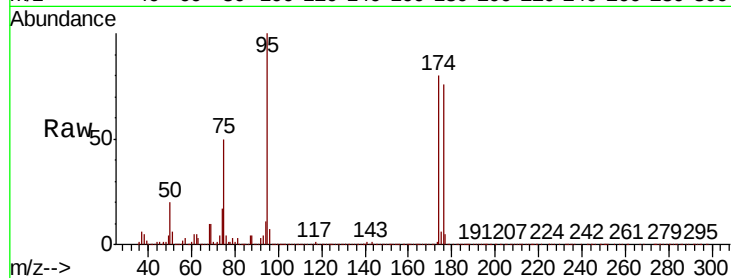
Tot Ion: 95 Resp: 378032

Ion Ratio Lower Upper

95 100

174 89.8 0.0 180.0

176 86.7 0.0 173.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013801.D

Acq: 06 Dec 2019 15:52

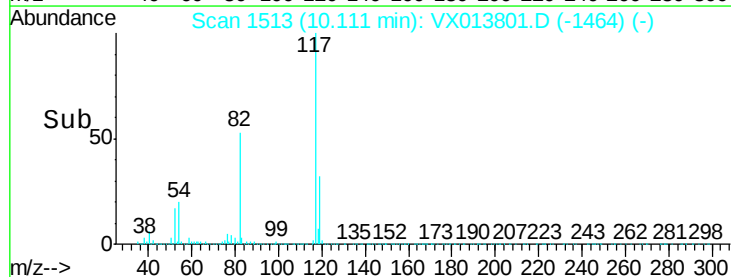
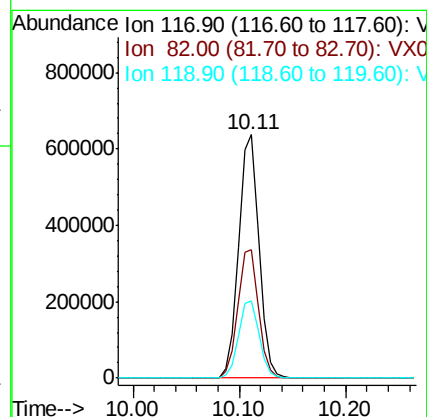
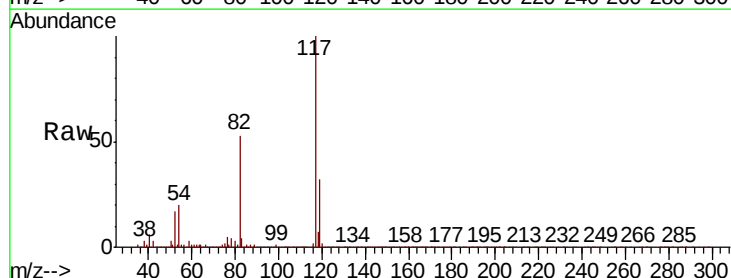
Tgt Ion: 117 Resp: 858630

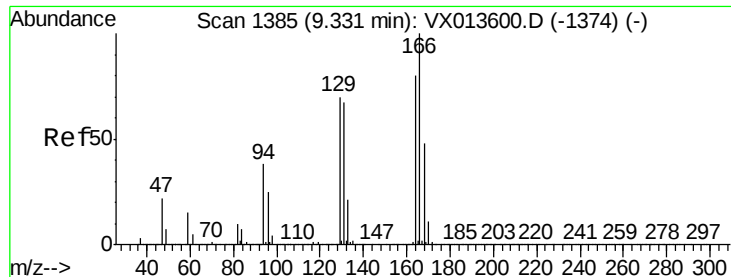
Ion Ratio Lower Upper

117 100

82 52.7 41.8 62.8

119 31.9 25.8 38.8

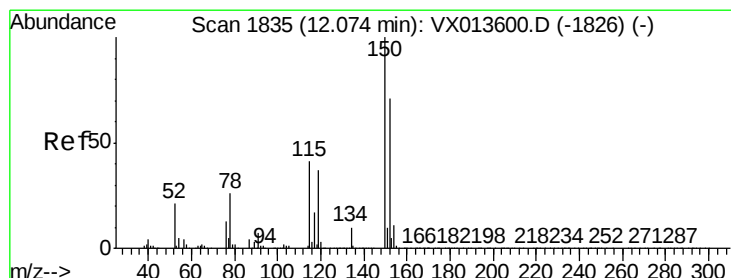
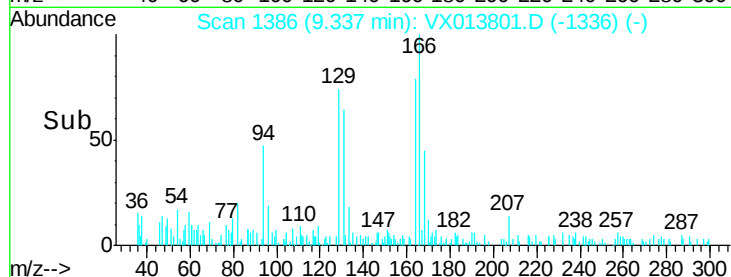
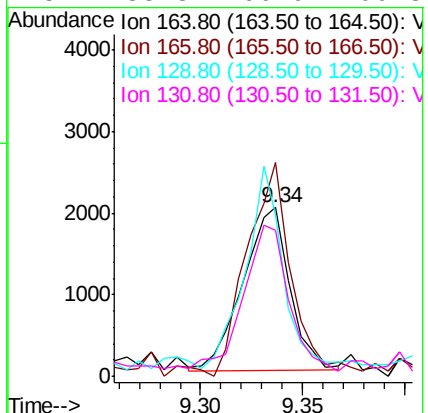
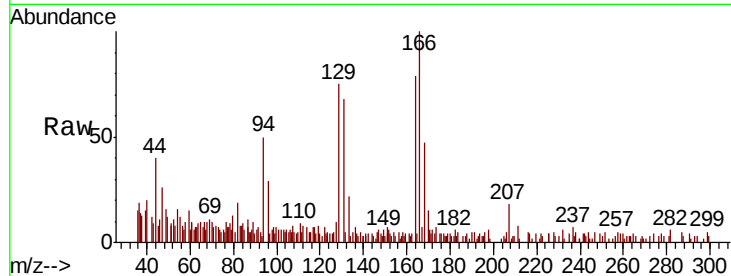




#64
Tetrachloroethene
Concen: 0.500 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX013801.D
Acq: 06 Dec 2019 15:52

Instrument :
MSVOA_X
ClientSampleId :
RE109D2-20191204

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.0	99.7	149.5
129	92.0	70.1	105.1
131	88.3	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: VX013801.D
Acq: 06 Dec 2019 15:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.4	115.1
150	156.9	0.0	346.8

