

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013800.D
 Acq On : 06 Dec 2019 15:29
 Operator : JC/SP
 Sample : K6184-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D1-20191204

Quant Time: Dec 07 04:03:19 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

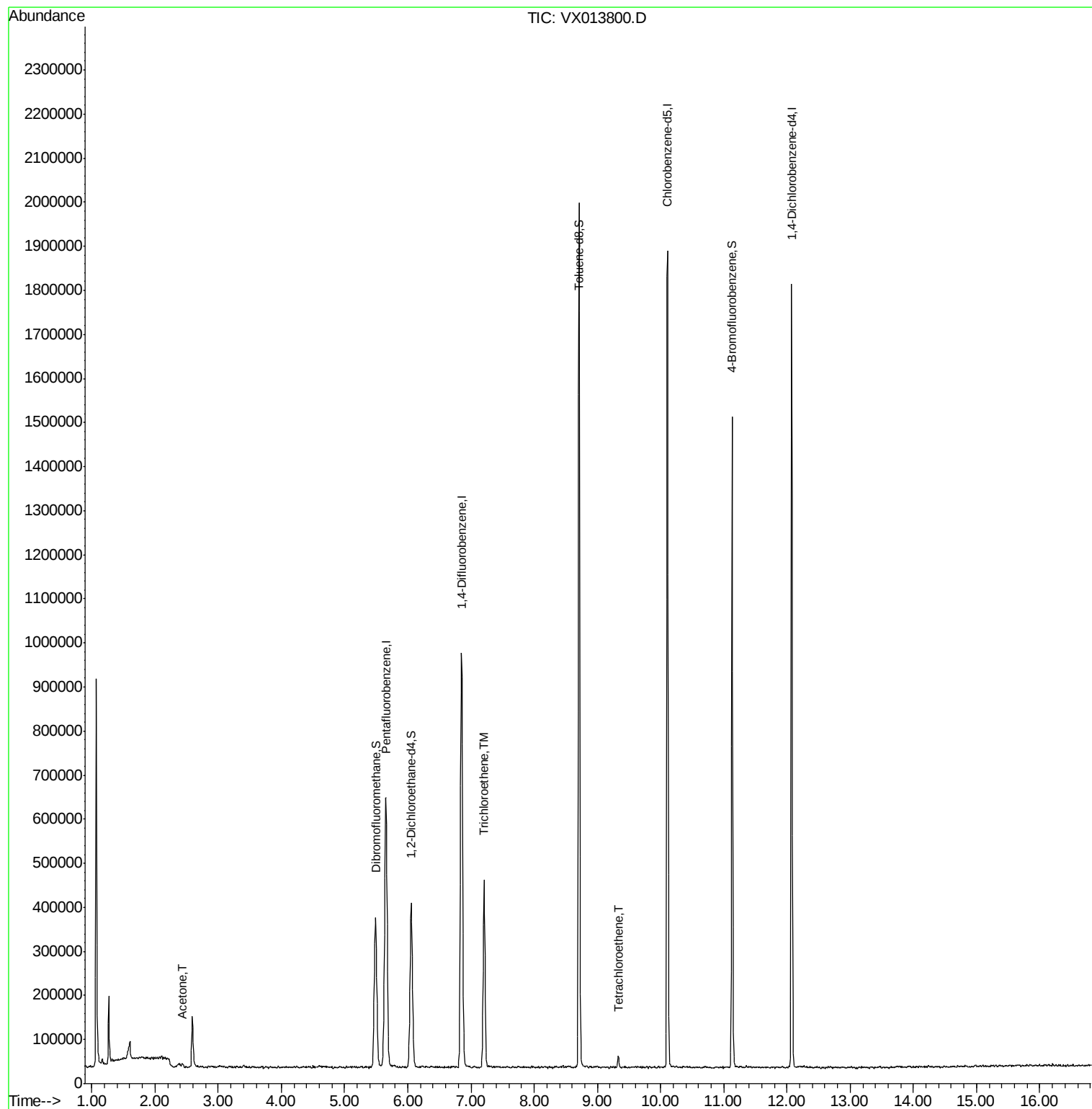
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	640051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	982379	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	872554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	376621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	355484	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
35) Dibromofluoromethane	5.49	113	293244	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
50) Toluene-d8	8.71	98	1156909	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.14	95	386910	45.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.70%	
Target Compounds						
16) Acetone	2.43	43	11368	3.099	ug/l	98
44) Trichloroethene	7.21	130	172280	23.113	ug/l	93
64) Tetrachloroethene	9.33	164	5738	0.882	ug/l	89

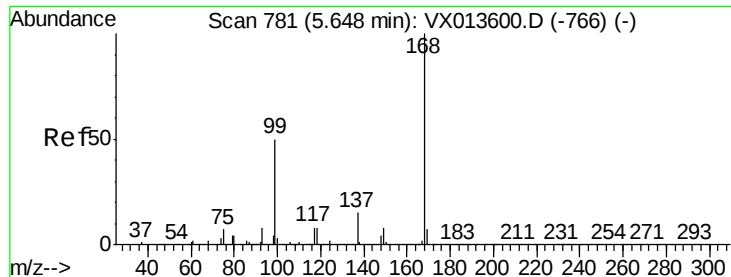
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013800.D

Acq: 06 Dec 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

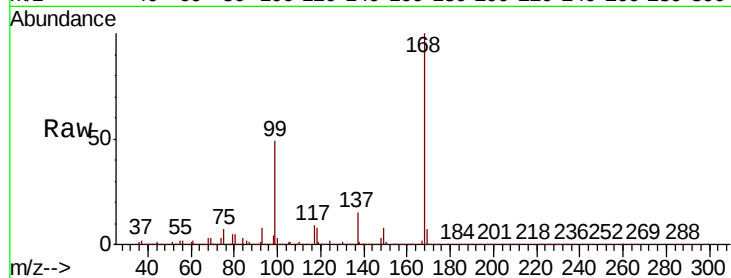
RE109D1-20191204

Tot Ion:168 Resp: 640051

Ion Ratio Lower Upper

168 100

99 49.4 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

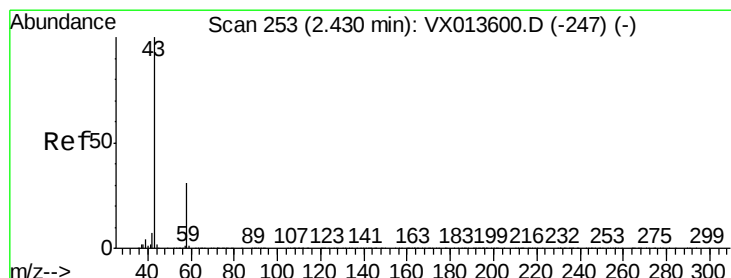
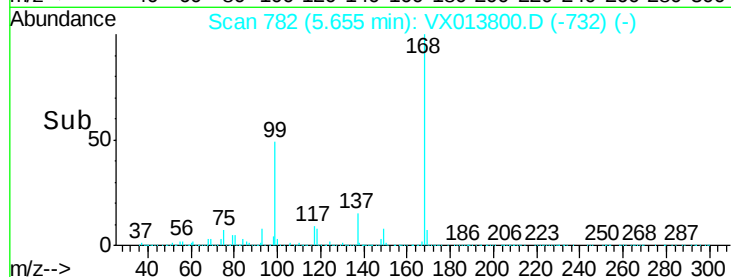
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.099 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013800.D

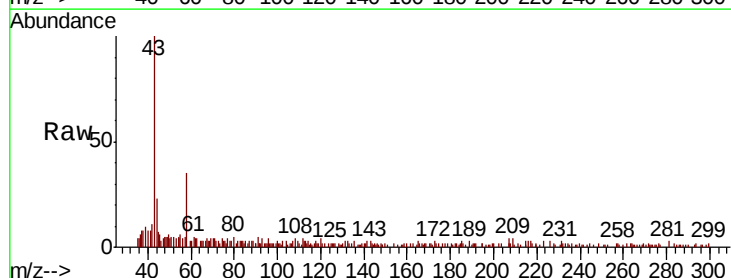
Acq: 06 Dec 2019 15:29

Tgt Ion: 43 Resp: 11368

Ion Ratio Lower Upper

43 100

58 31.9 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

6000

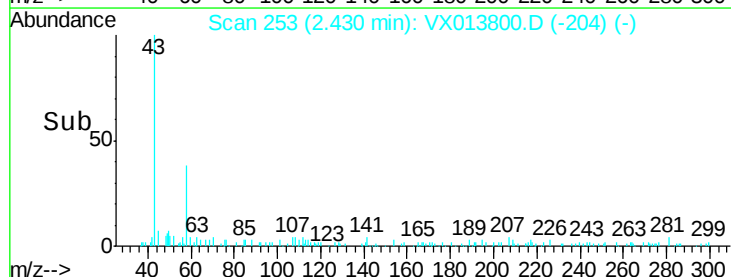
4000

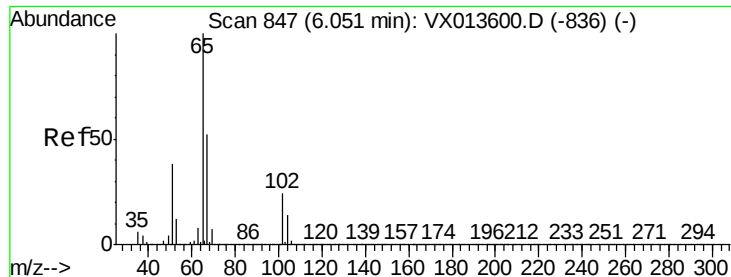
2000

0

Time-->

2.35 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 47.847 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013800.D

Acq: 06 Dec 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

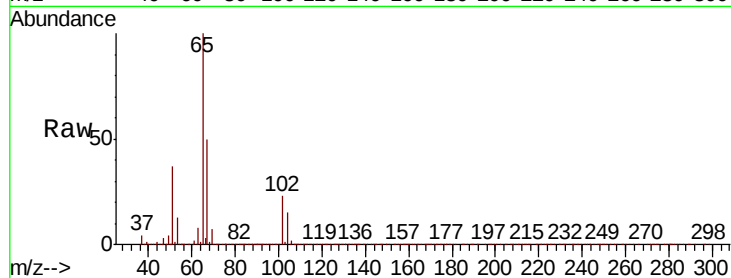
RE109D1-20191204

Tot Ion: 65 Resp: 355484

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

150000

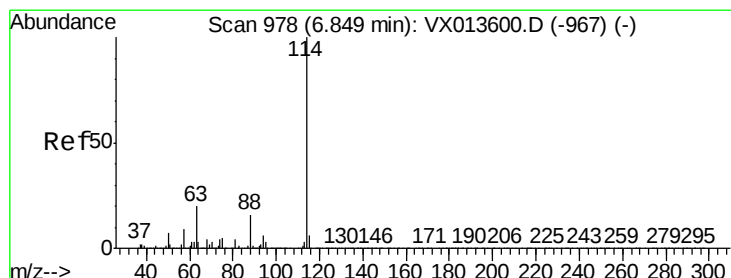
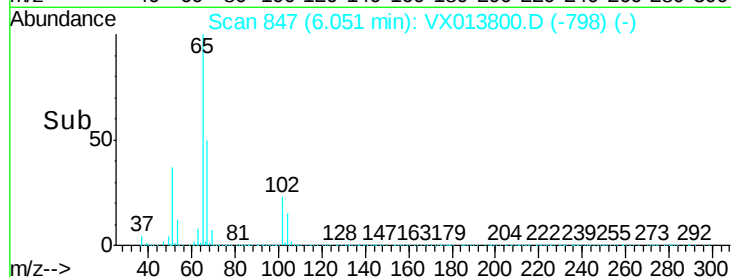
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013800.D

Acq: 06 Dec 2019 15:29

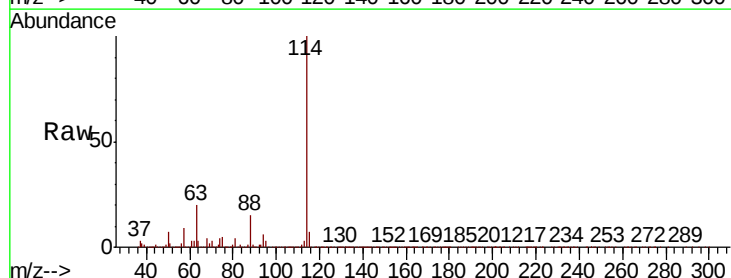
Tgt Ion: 114 Resp: 982379

Ion Ratio Lower Upper

114 100

63 19.6 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

6.85

500000

400000

300000

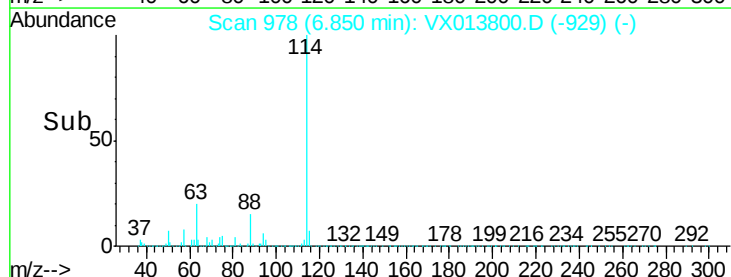
200000

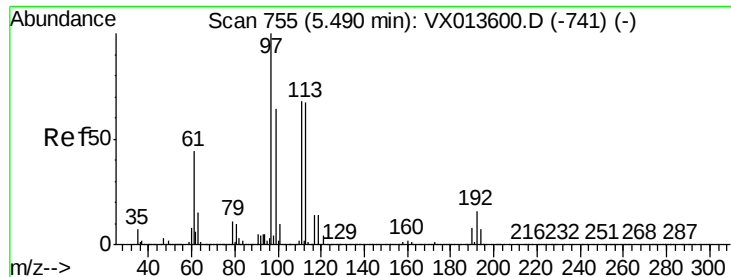
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.285 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013800.D

Acq: 06 Dec 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

RE109D1-20191204

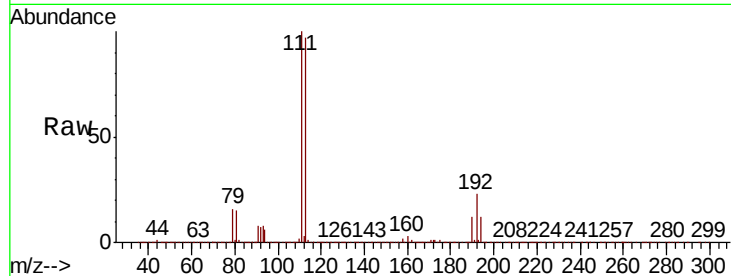
Tot Ion:113 Resp: 293244

Ion Ratio Lower Upper

113 100

111 102.0 83.6 125.4

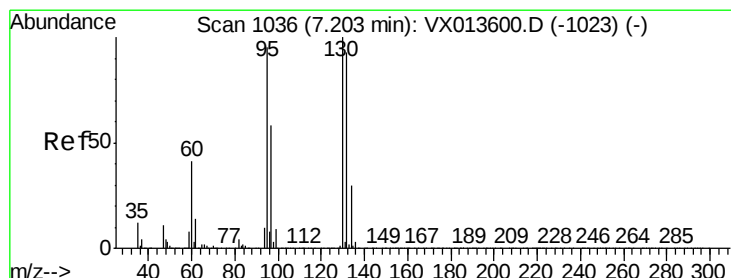
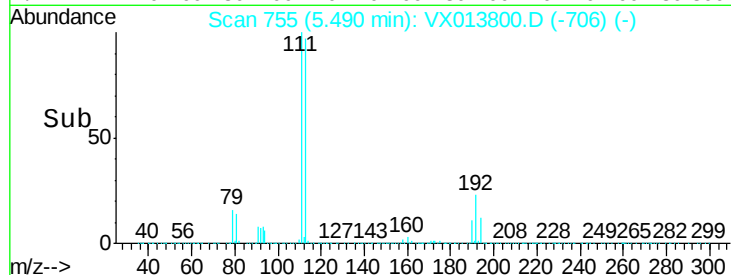
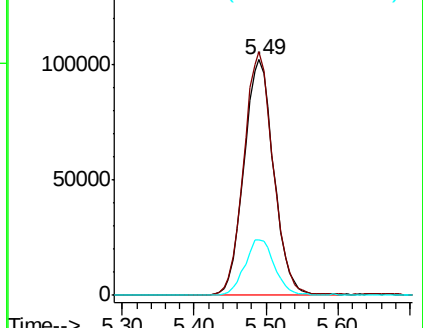
192 23.4 19.2 28.8



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: 23.113 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013800.D

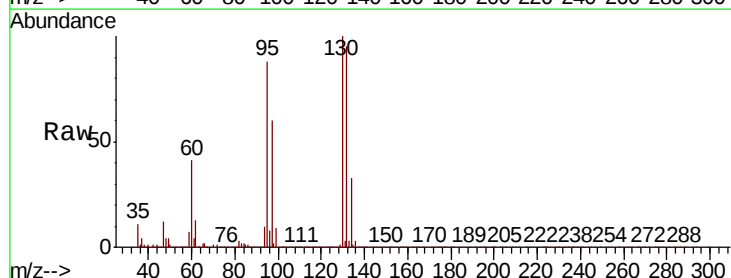
Acq: 06 Dec 2019 15:29

Tgt Ion:130 Resp: 172280

Ion Ratio Lower Upper

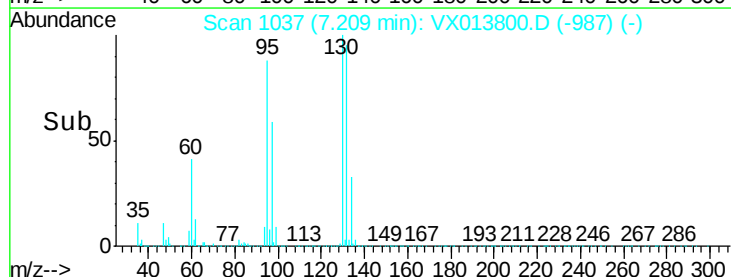
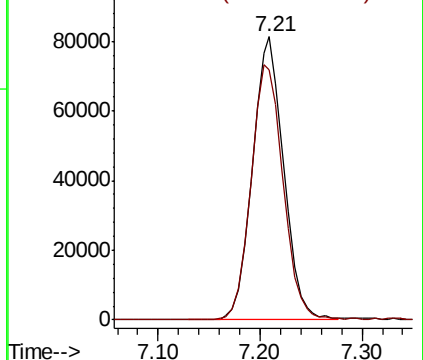
130 100

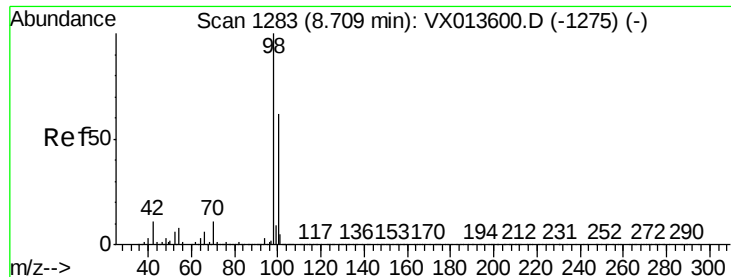
95 88.3 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 48.893 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013800.D

Acq: 06 Dec 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

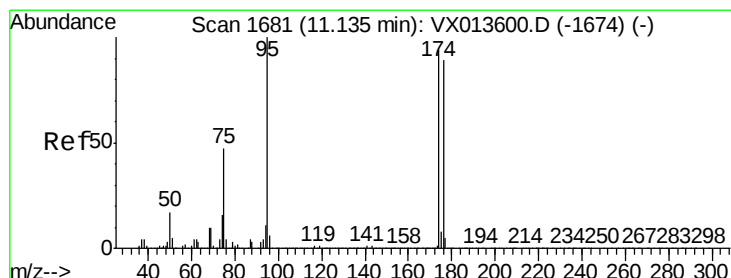
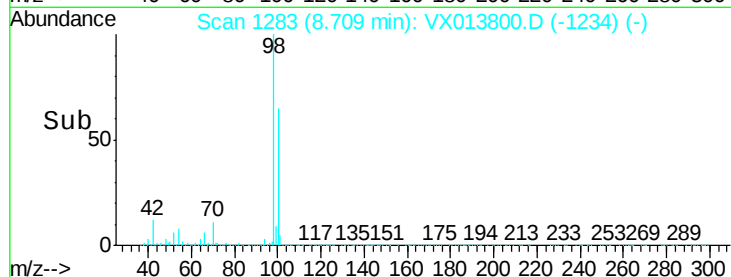
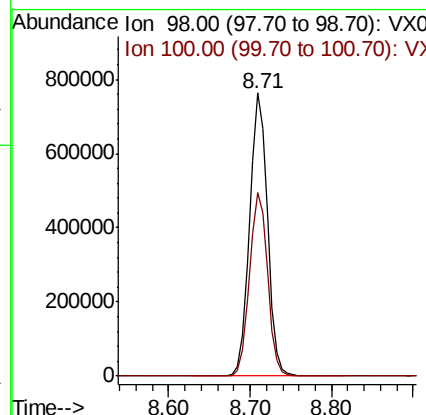
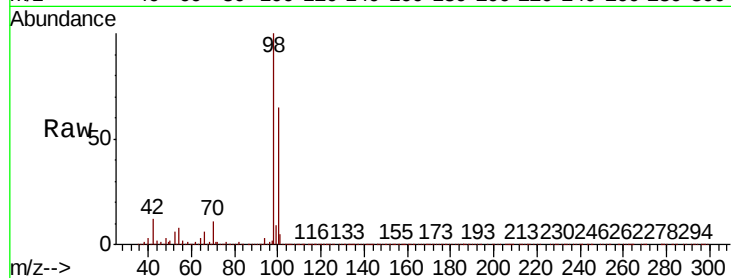
RE109D1-20191204

Tot Ion: 98 Resp: 1156909

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.345 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013800.D

Acq: 06 Dec 2019 15:29

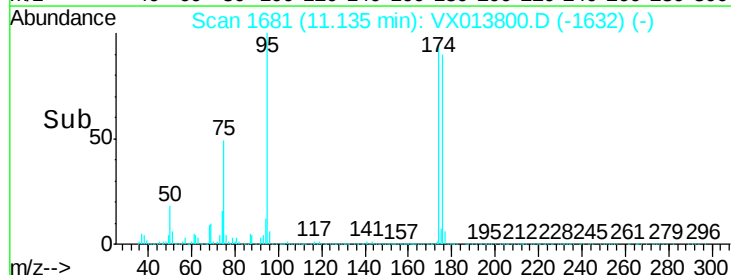
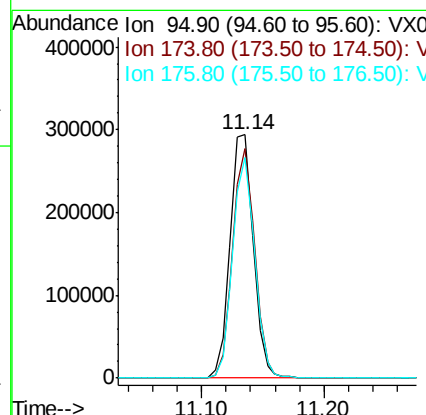
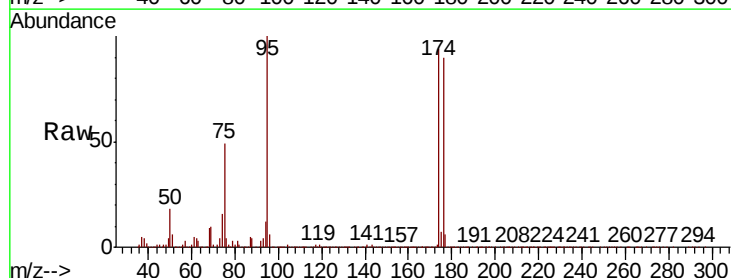
Tgt Ion: 95 Resp: 386910

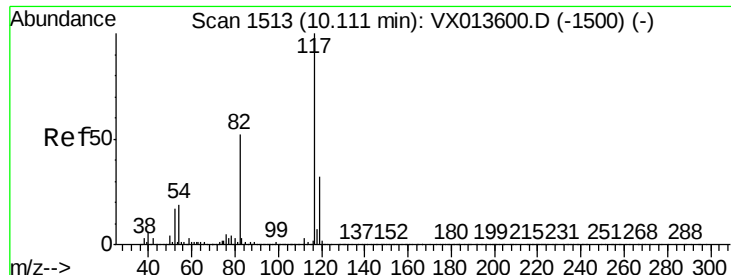
Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.0

176 85.9 0.0 173.6

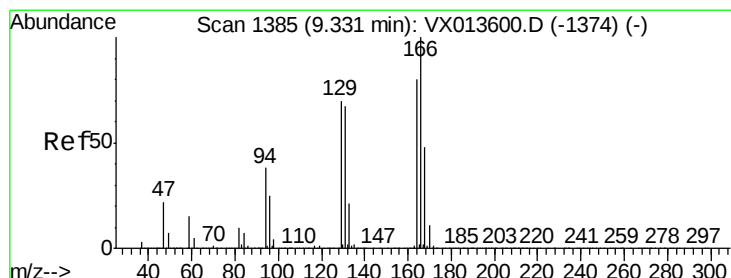
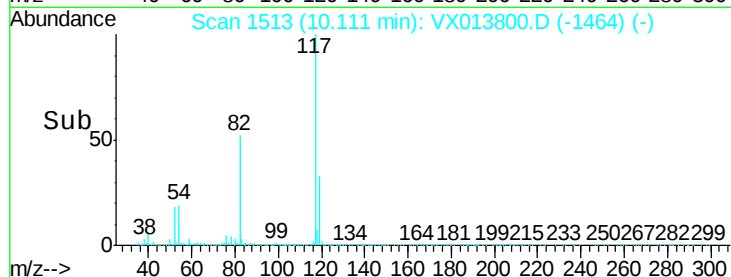
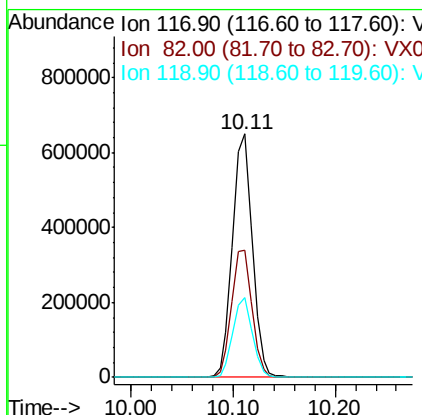
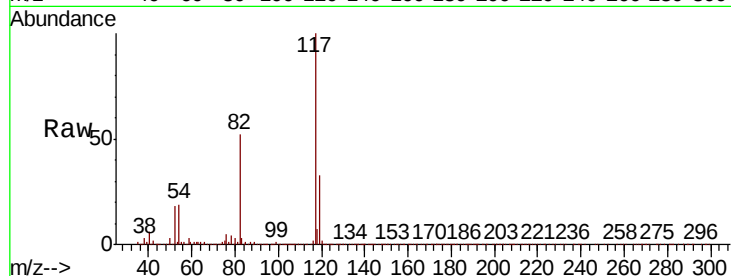




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013800.D
Acq: 06 Dec 2019 15:29

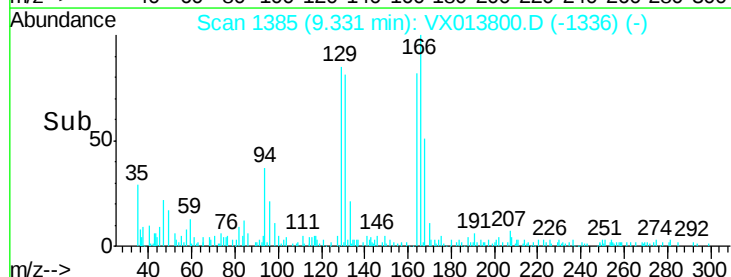
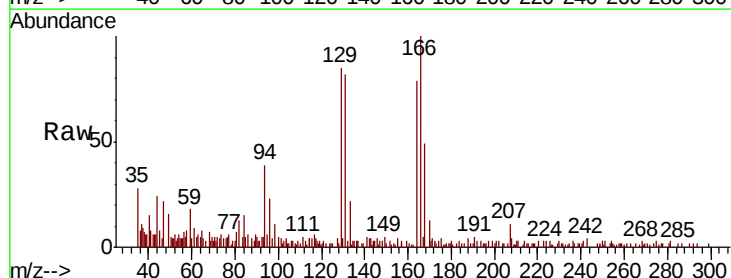
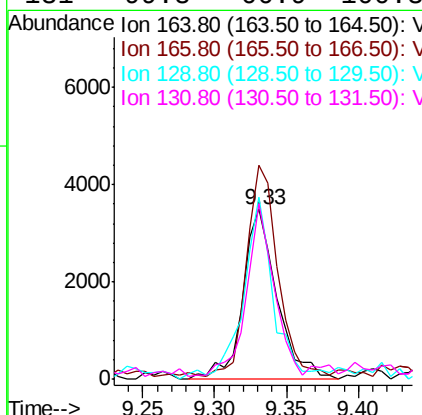
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20191204

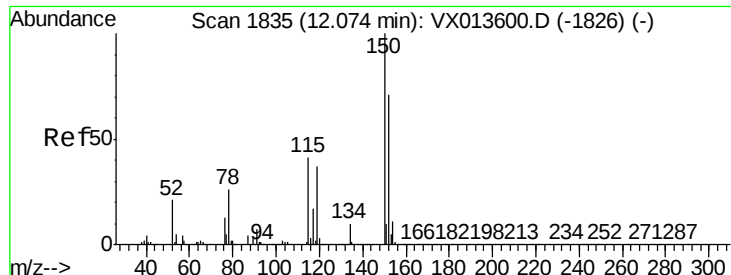
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.8	62.8
119	32.8	25.8	38.8



#64
Tetrachloroethene
Concen: 0.882 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013800.D
Acq: 06 Dec 2019 15:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.3	99.7	149.5
129	104.3	70.1	105.1
131	99.8	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: VX013800.D

Acq: 06 Dec 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

RE109D1-20191204

Tot Ion:152 Resp: 376621

Ion Ratio Lower Upper

152 100

115 55.2 38.4 115.1

150 158.1 0.0 346.8

