

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX013863.D
 Acq On : 09 Dec 2019 20:04
 Operator : JC/SP
 Sample : K6185-11DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20191205DL

Quant Time: Dec 10 04:49:14 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

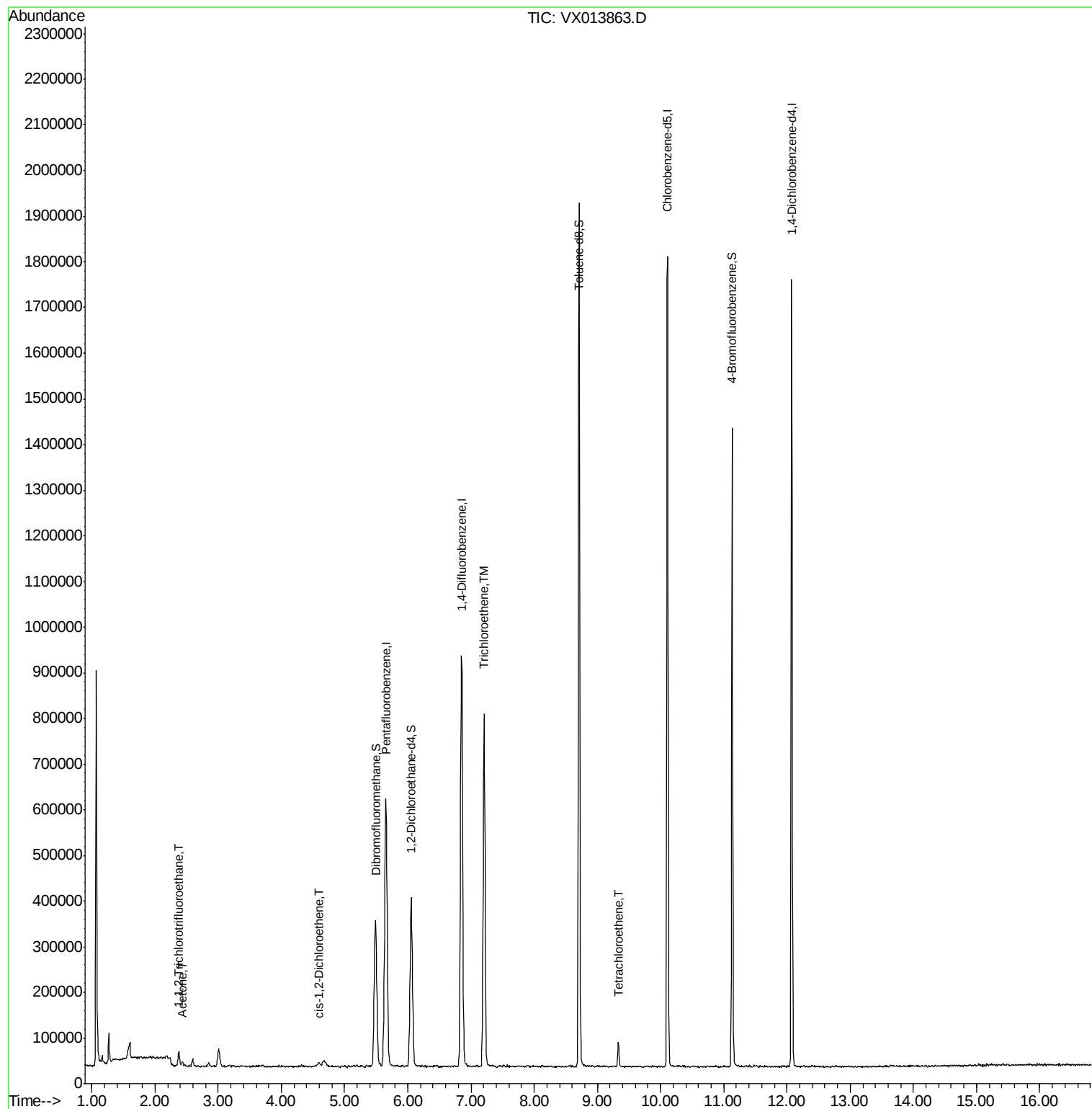
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	610786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	928712	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	829693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	358729	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	343815	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
35) Dibromofluoromethane	5.49	113	279352	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
50) Toluene-d8	8.71	98	1111583	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.14	95	366965	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	13702	2.353	ug/l	98
16) Acetone	2.43	43	11918	3.405	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	6516	0.896	ug/l	88
44) Trichloroethene	7.21	130	316686	44.941	ug/l	98
64) Tetrachloroethene	9.33	164	10541	1.704	ug/l	98

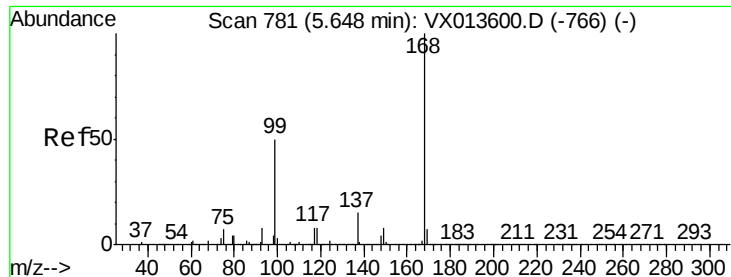
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013863.D

Acq: 09 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

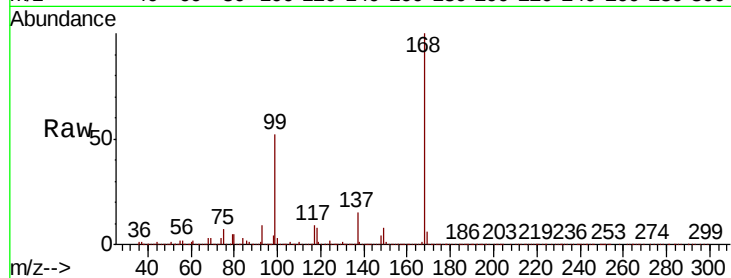
RE125D1-20191205DL

Tot Ion:168 Resp: 610786

Ion Ratio Lower Upper

168 100

99 51.5 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

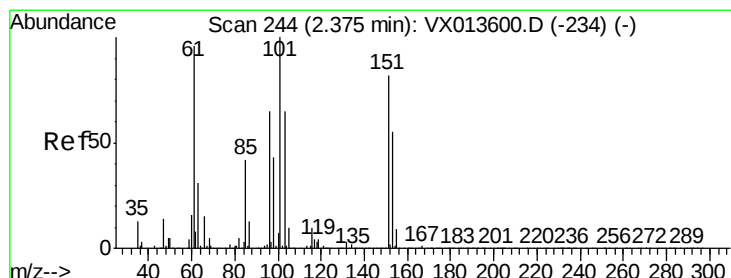
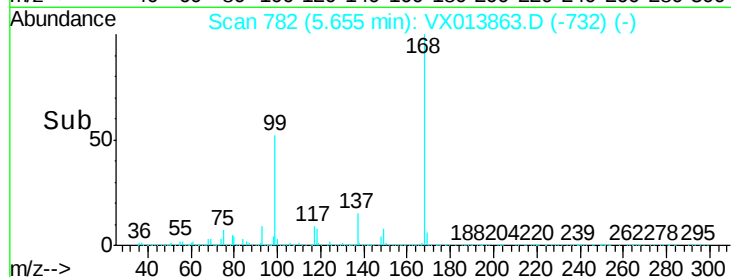
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.353 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013863.D

Acq: 09 Dec 2019 20:04

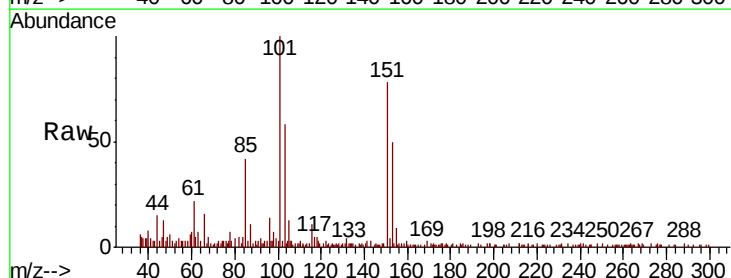
Tgt Ion:101 Resp: 13702

Ion Ratio Lower Upper

101 100

85 41.4 33.9 50.9

151 82.5 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

10000

8000

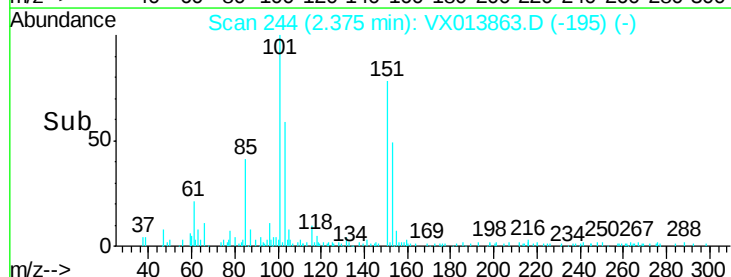
6000

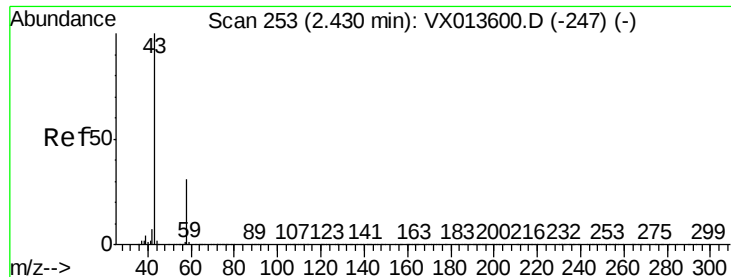
4000

2000

0

Time-->





#16

Acetone

Concen: 3.405 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013863.D

Acq: 09 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

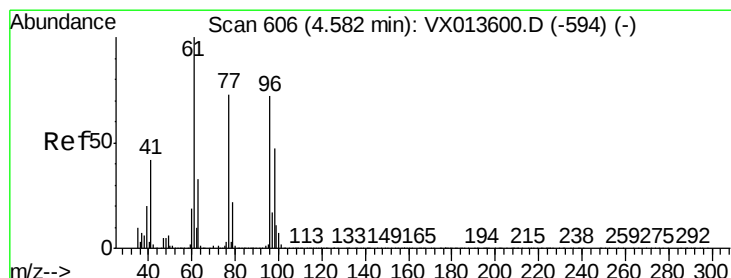
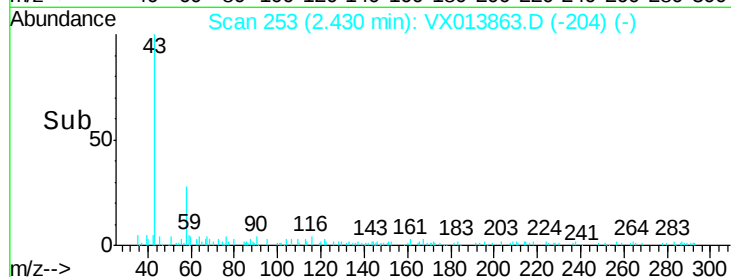
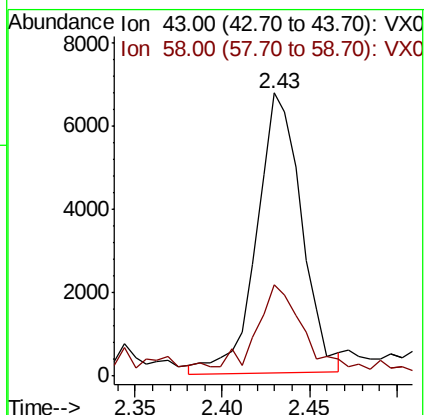
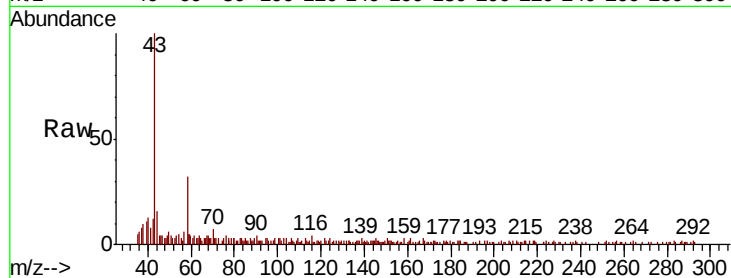
RE125D1-20191205DL

Tot Ion: 43 Resp: 11918

Ion Ratio Lower Upper

43 100

58 29.5 24.6 36.8



#27

cis-1,2-Dichloroethene

Concen: 0.896 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013863.D

Acq: 09 Dec 2019 20:04

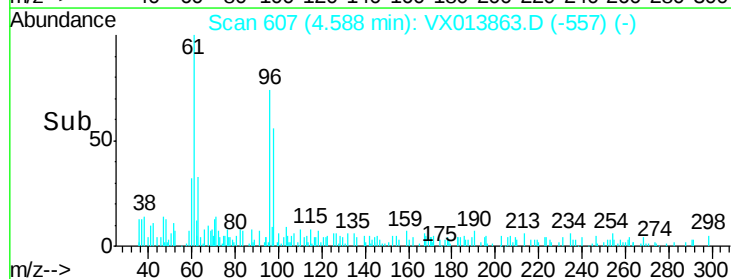
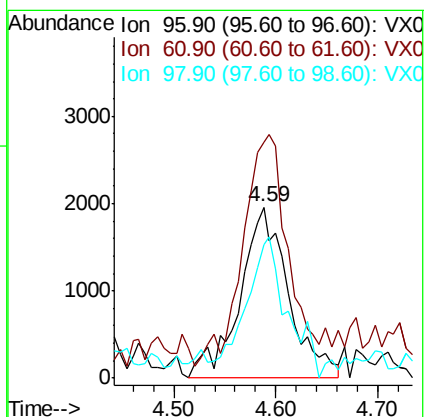
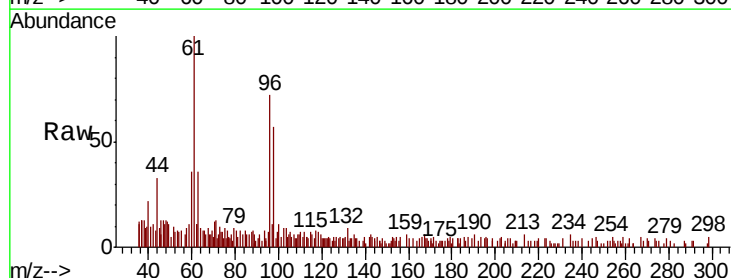
Tgt Ion: 96 Resp: 6516

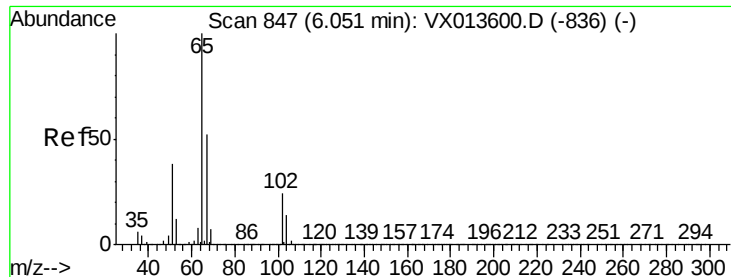
Ion Ratio Lower Upper

96 100

61 124.6 0.0 286.4

98 60.7 0.0 127.4





#33

1,2-Dichloroethane-d4

Concen: 48.494 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013863.D

Acq: 09 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

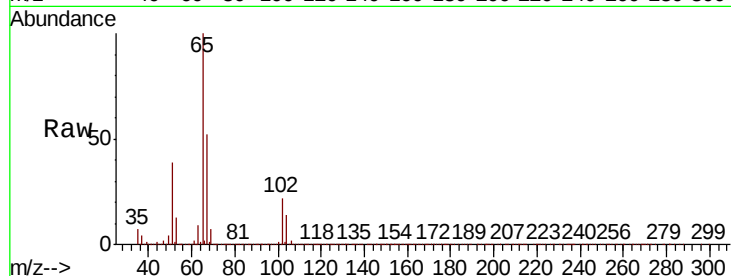
RE125D1-20191205DL

Tot Ion: 65 Resp: 343815

Ion Ratio Lower Upper

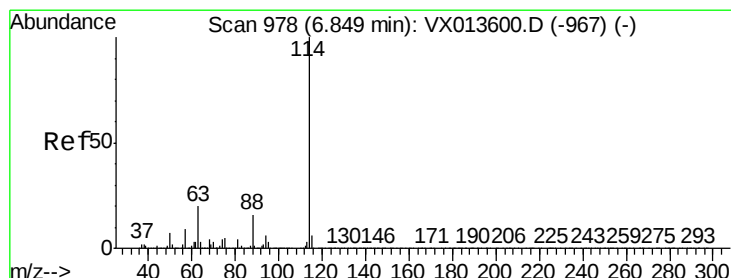
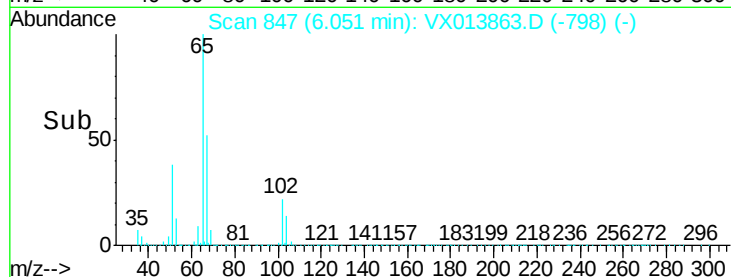
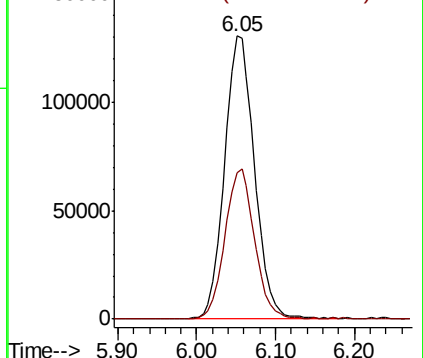
65 100

67 52.2 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: VX013863.D

Acq: 09 Dec 2019 20:04

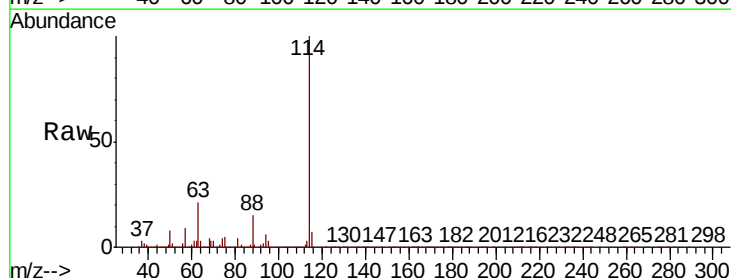
Tgt Ion: 114 Resp: 928712

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

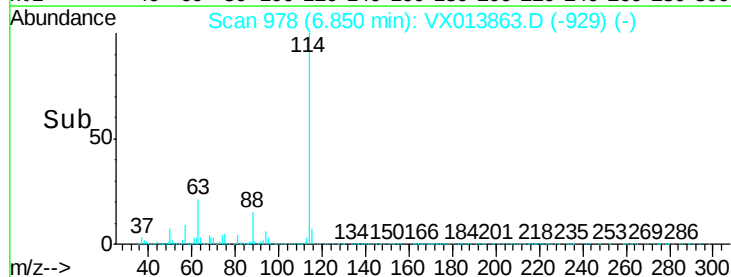
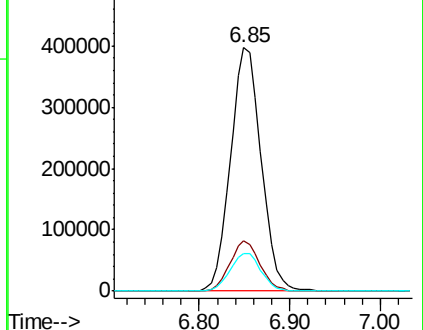
88 15.2 0.0 31.4

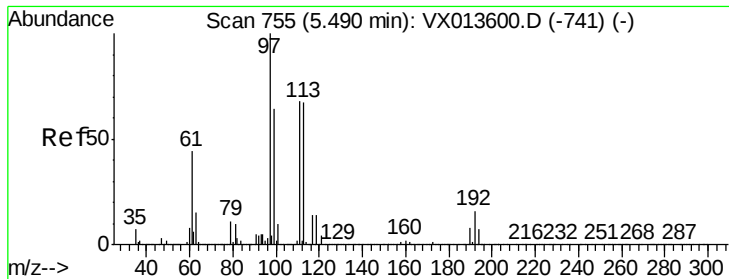


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.656 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013863.D

Acq: 09 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20191205DL

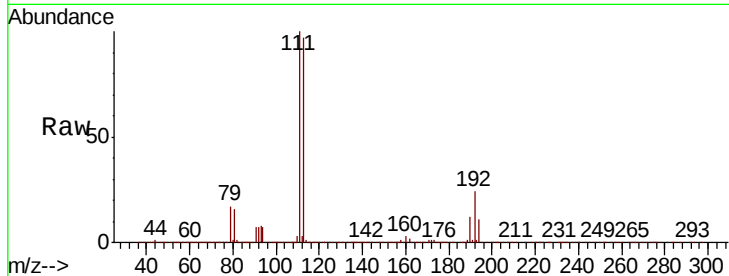
Tot Ion:113 Resp: 279352

Ion Ratio Lower Upper

113 100

111 103.4 83.6 125.4

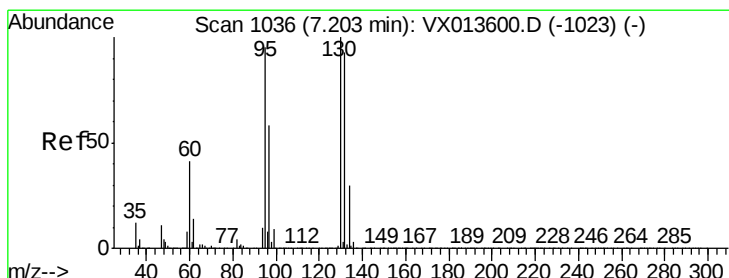
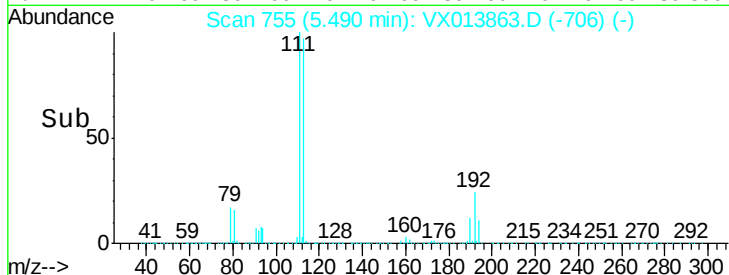
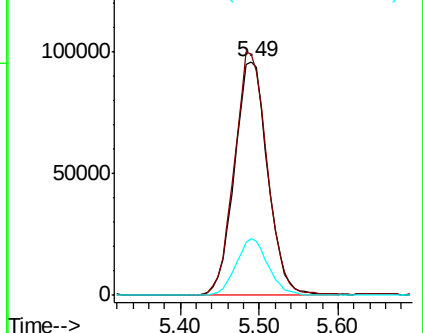
192 23.3 19.2 28.8



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: 44.941 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013863.D

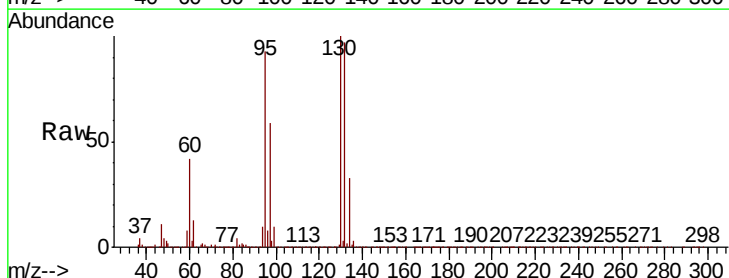
Acq: 09 Dec 2019 20:04

Tgt Ion:130 Resp: 316686

Ion Ratio Lower Upper

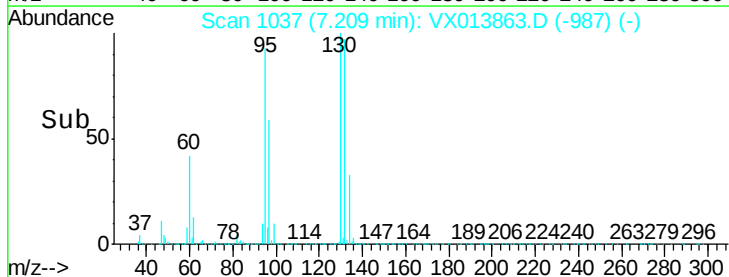
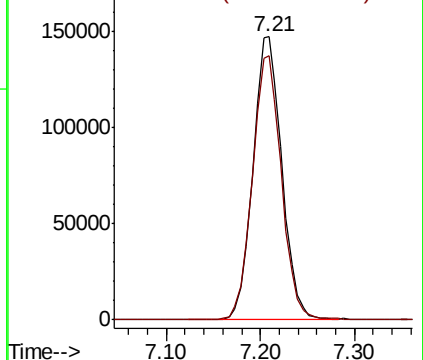
130 100

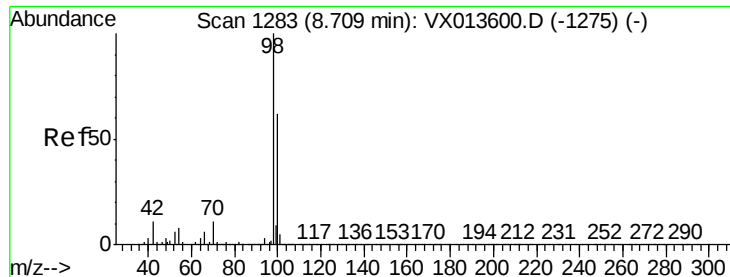
95 93.4 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.693 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013863.D

Acq: 09 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

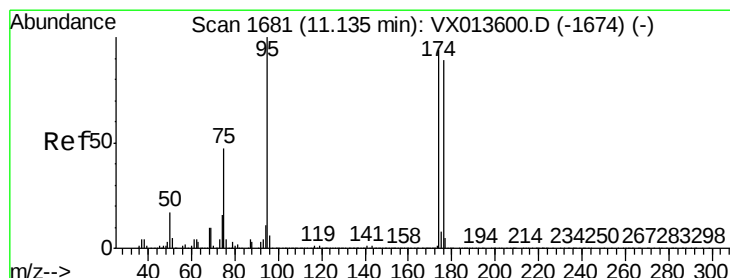
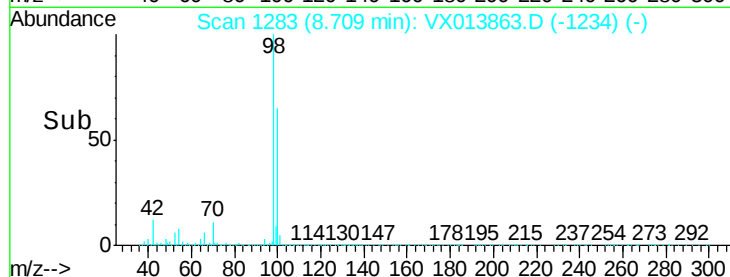
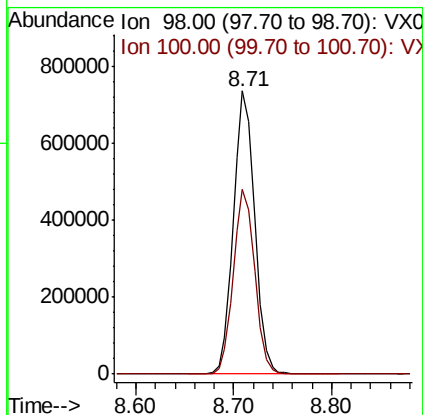
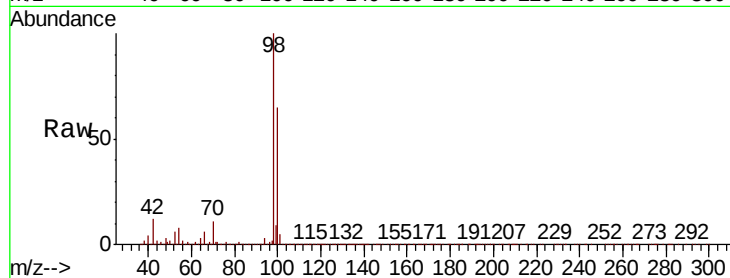
RE125D1-20191205DL

Tot Ion: 98 Resp: 1111583

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.493 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013863.D

Acq: 09 Dec 2019 20:04

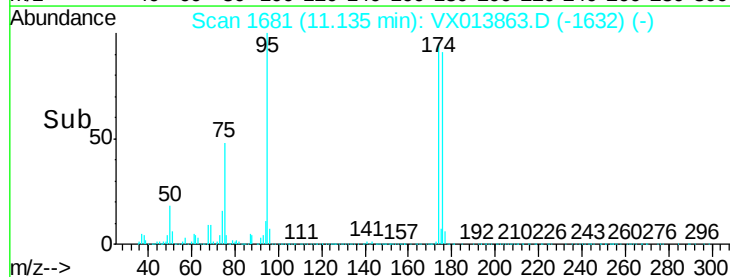
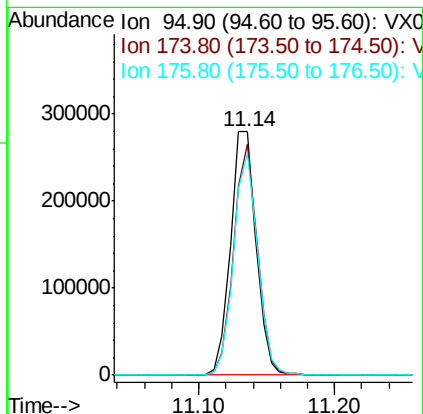
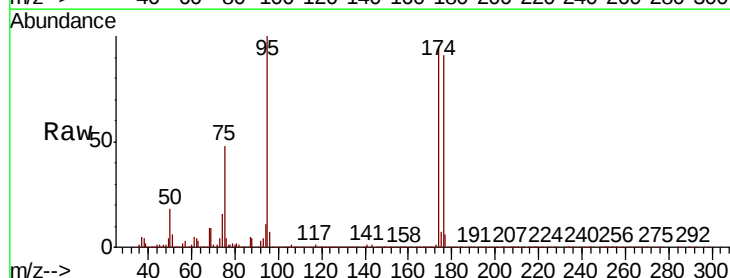
Tgt Ion: 95 Resp: 366965

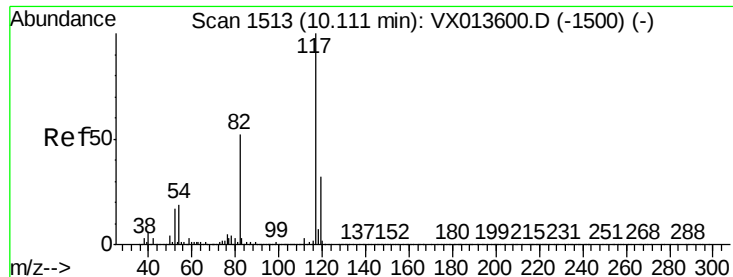
Ion Ratio Lower Upper

95 100

174 88.5 0.0 180.0

176 86.2 0.0 173.6

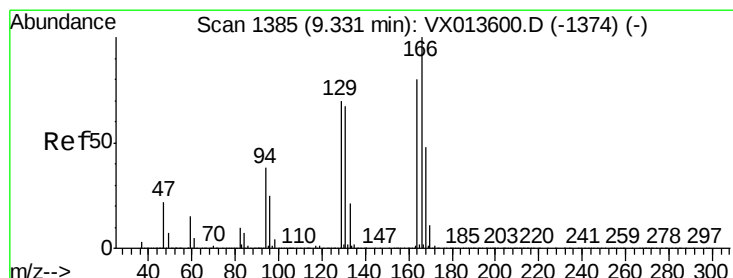
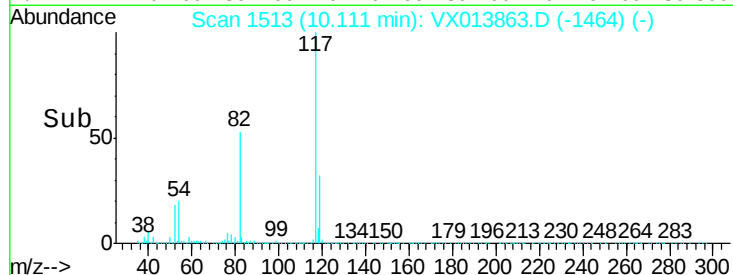
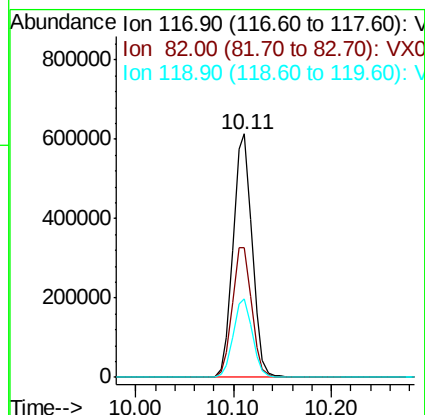
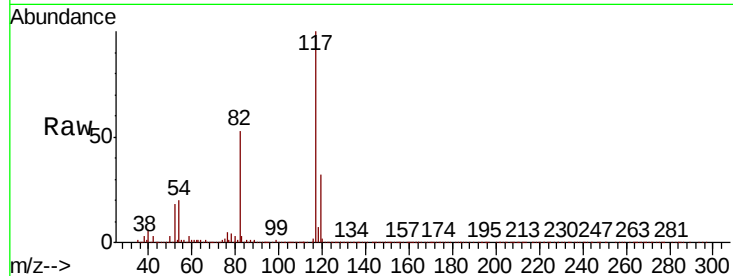




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013863.D
Acq: 09 Dec 2019 20:04

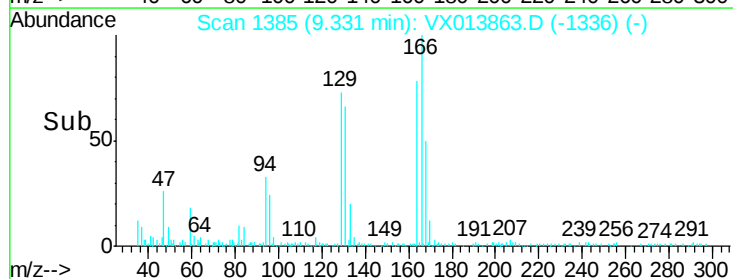
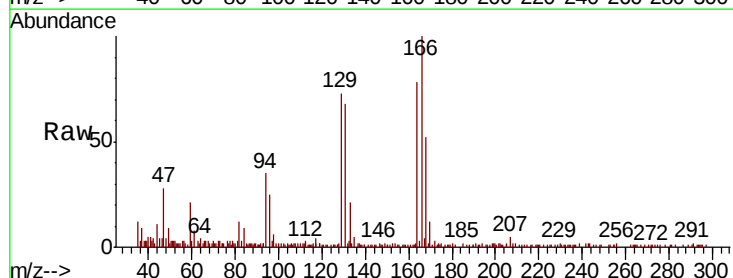
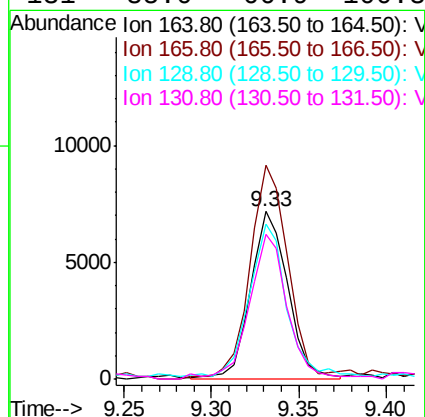
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20191205DL

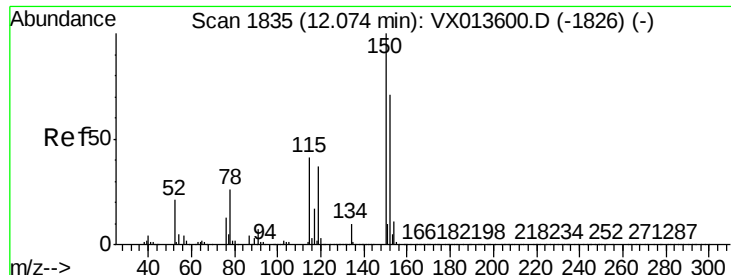
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	41.8	62.8
119	32.3	25.8	38.8



#64
Tetrachloroethene
Concen: 1.704 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013863.D
Acq: 09 Dec 2019 20:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	99.7	149.5
129	91.0	70.1	105.1
131	85.0	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: VX013863.D

Acq: 09 Dec 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20191205DL

Tot Ion:152 Resp: 358729

Ion Ratio Lower Upper

152 100

115 55.6 38.4 115.1

150 155.7 0.0 346.8

