

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013923.D
 Acq On : 11 Dec 2019 02:17
 Operator : JC/SP
 Sample : K6185-12DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20191205DL

Quant Time: Dec 11 06:58:19 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

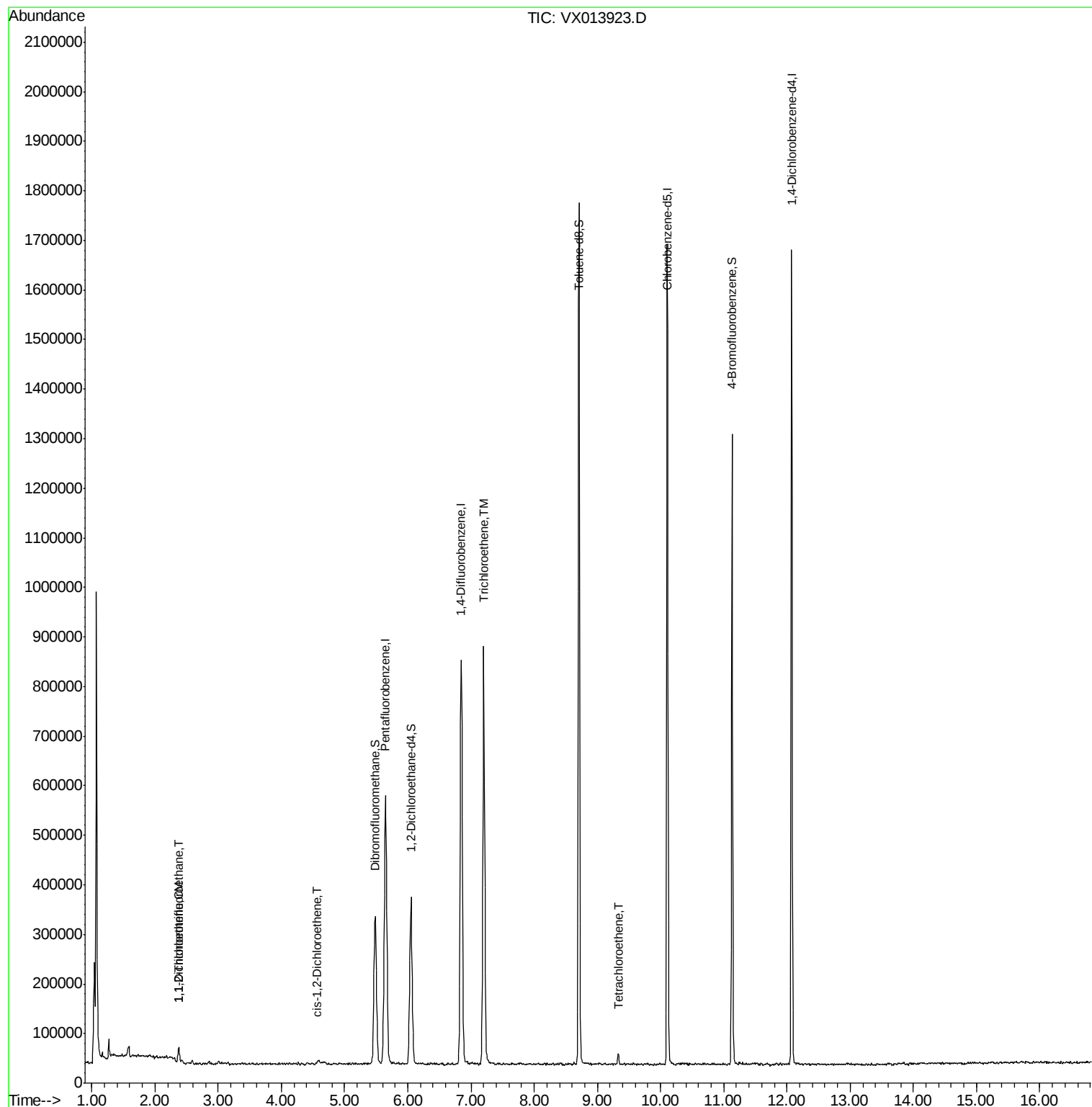
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	554403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	855113	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	769492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	351414	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	317420	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
35) Dibromofluoromethane	5.48	113	259700	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
50) Toluene-d8	8.71	98	1024512	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	338149	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.06%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	11709	2.215	ug/l	98
12) 1,1-Dichloroethene	2.37	96	3321	0.629	ug/l #	82
27) cis-1,2-Dichloroethene	4.58	96	5124	0.776	ug/l	85
44) Trichloroethene	7.20	130	331119	51.033	ug/l	100
64) Tetrachloroethene	9.33	164	5124	0.893	ug/l	94

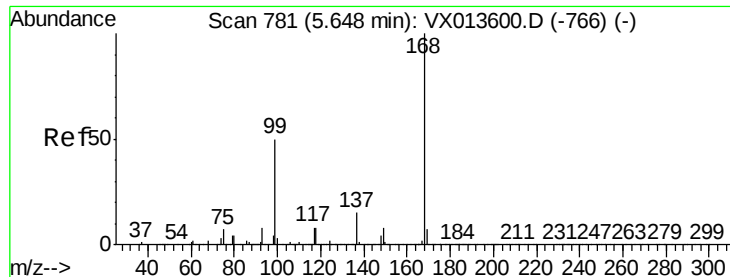
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 11 06:58:19 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: VX013923.D

Acq: 11 Dec 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

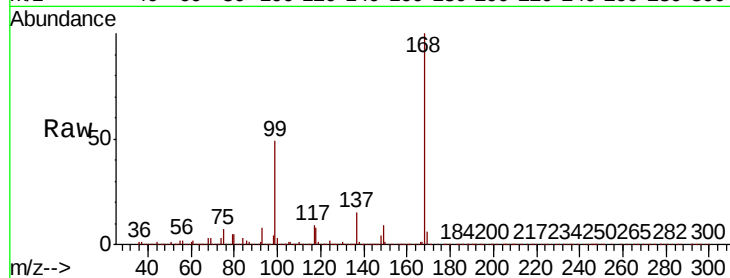
RE125D2-20191205DL

Tot Ion:168 Resp: 554403

Ion Ratio Lower Upper

168 100

99 48.9 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

200000

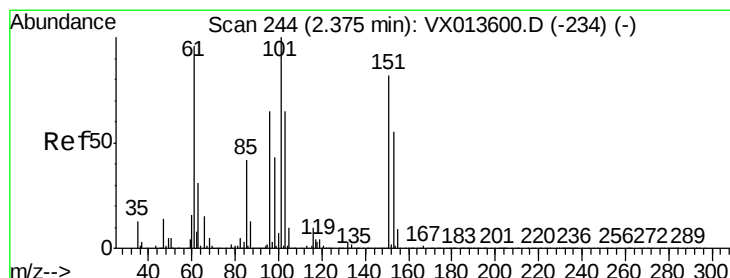
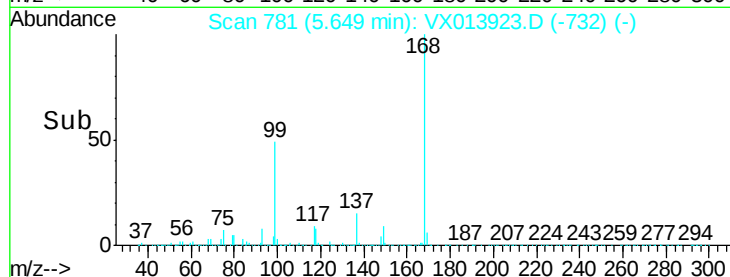
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.215 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013923.D

Acq: 11 Dec 2019 02:17

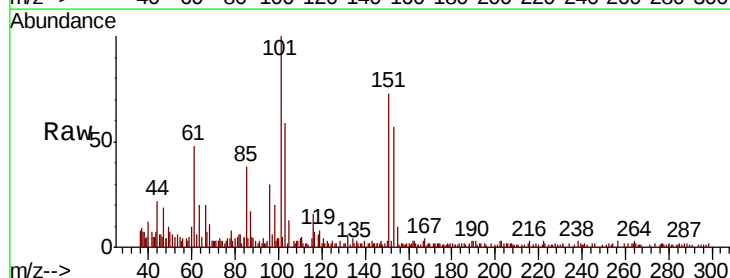
Tgt Ion:101 Resp: 11709

Ion Ratio Lower Upper

101 100

85 43.1 33.9 50.9

151 78.2 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

8000

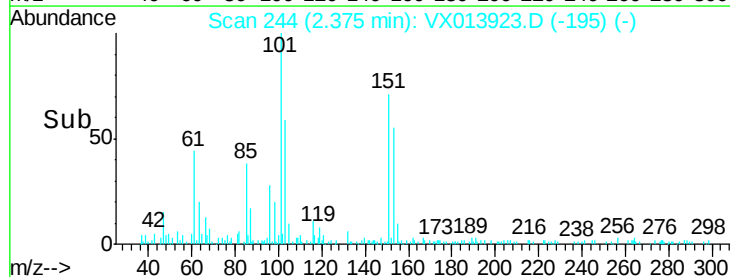
6000

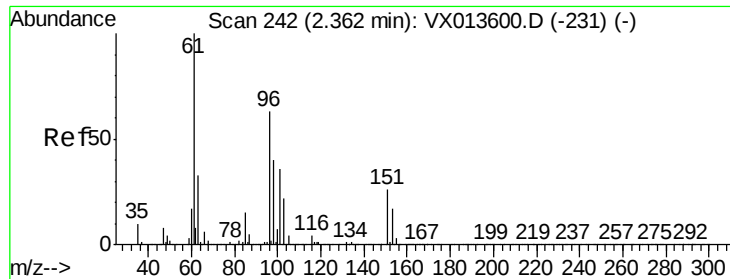
4000

2000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.629 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX013923.D

Acq: 11 Dec 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20191205DL

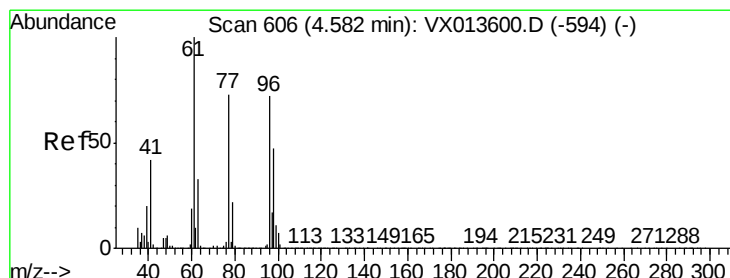
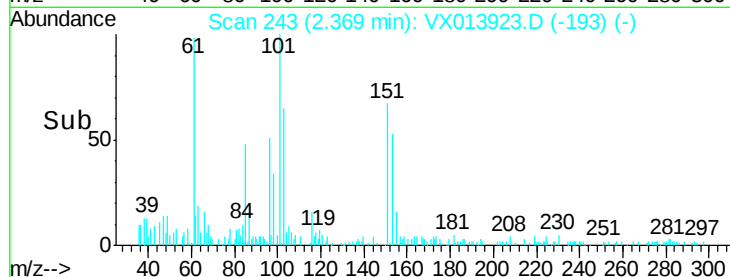
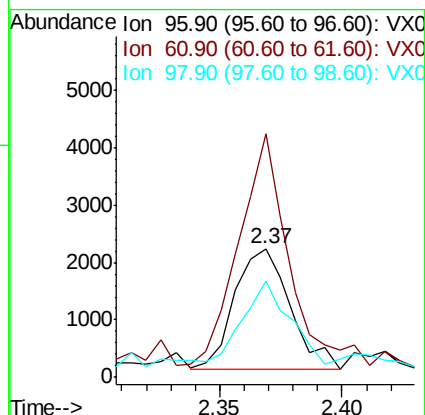
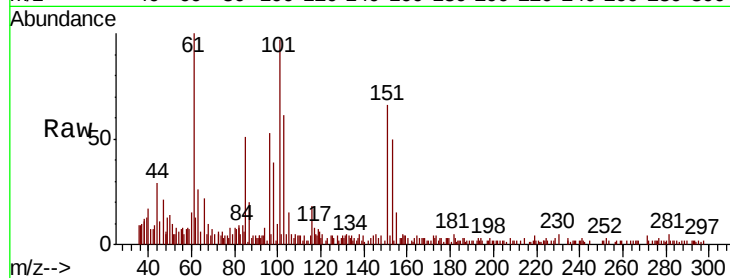
Tot Ion: 96 Resp: 3321

Ion Ratio Lower Upper

96 100

61 190.6 126.6 190.0#

98 65.4 50.6 76.0



#27

cis-1,2-Dichloroethene

Concen: 0.776 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.01 min

Lab File: VX013923.D

Acq: 11 Dec 2019 02:17

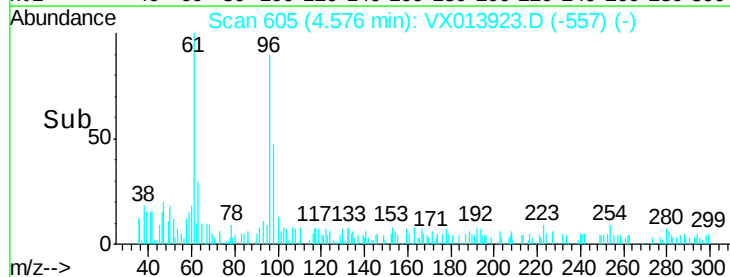
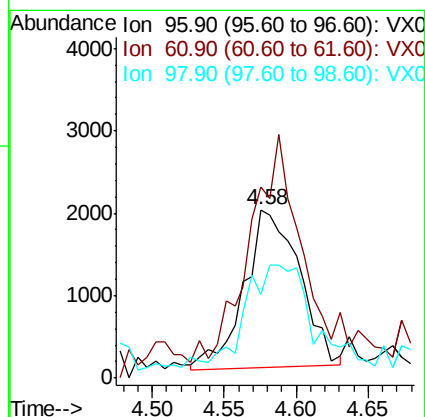
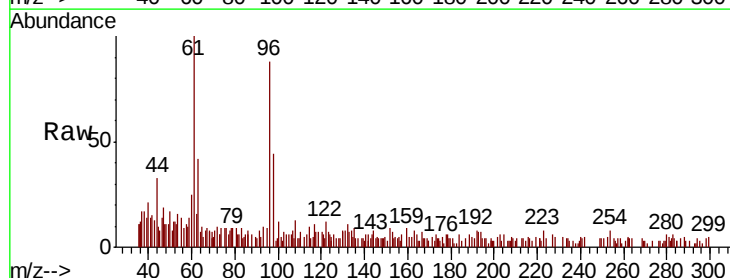
Tgt Ion: 96 Resp: 5124

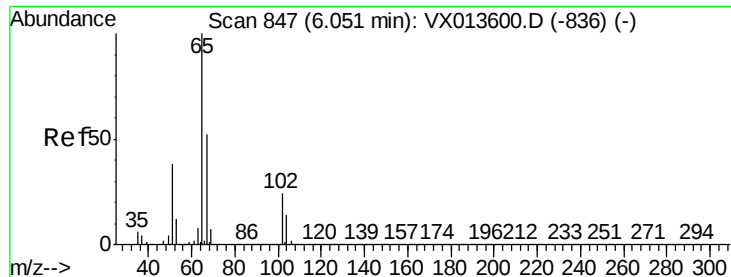
Ion Ratio Lower Upper

96 100

61 155.3 0.0 286.4

98 85.0 0.0 127.4





#33

1,2-Dichloroethane-d4

Concen: 49.324 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013923.D

Acq: 11 Dec 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

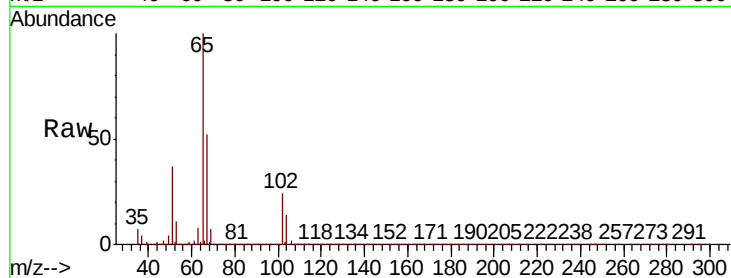
RE125D2-20191205DL

Tot Ion: 65 Resp: 317420

Ion Ratio Lower Upper

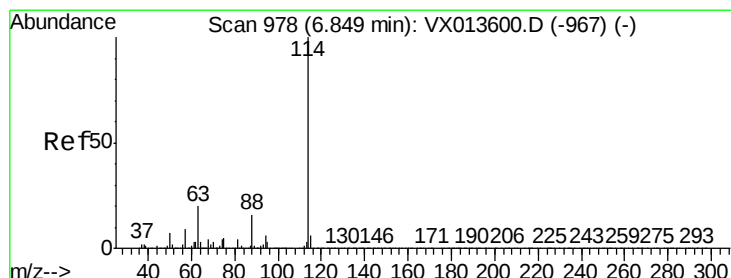
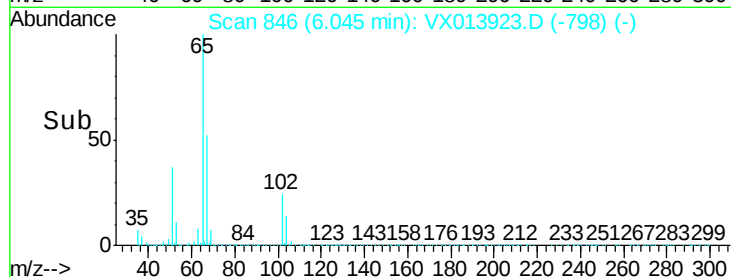
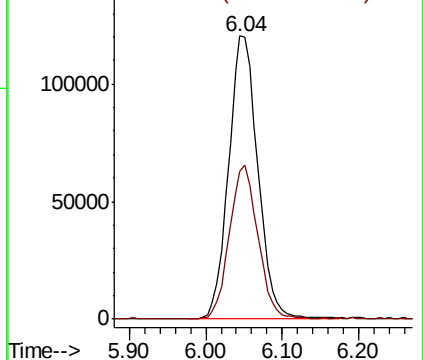
65 100

67 52.7 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: VX013923.D

Acq: 11 Dec 2019 02:17

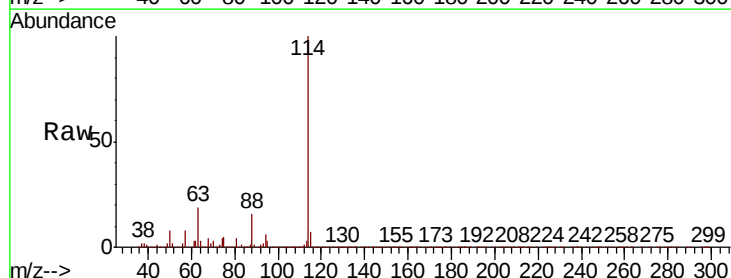
Tgt Ion: 114 Resp: 855113

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

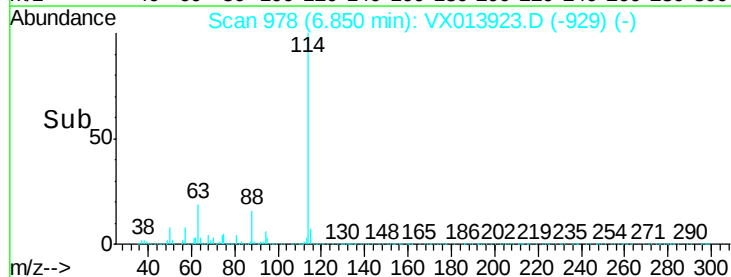
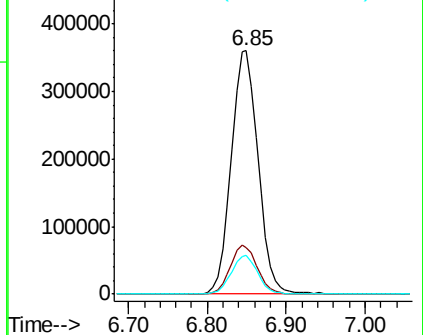
88 15.8 0.0 31.4

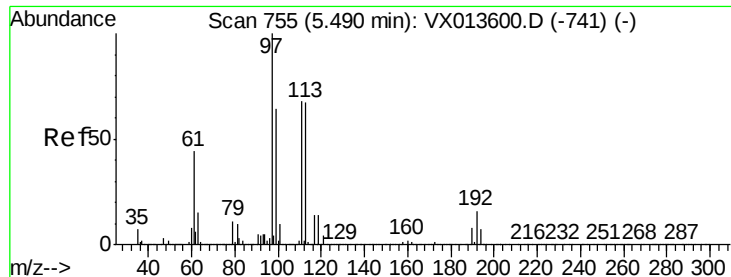


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.126 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013923.D

Acq: 11 Dec 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20191205DL

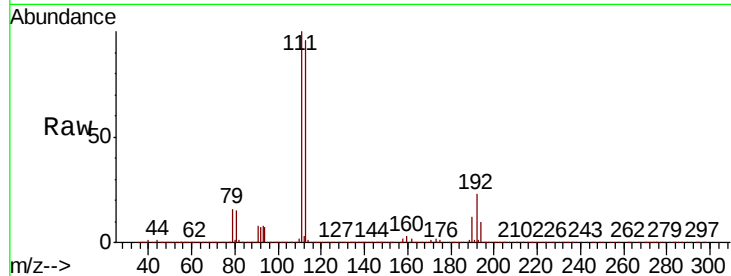
Tot Ion:113 Resp: 259700

Ion Ratio Lower Upper

113 100

111 103.1 83.6 125.4

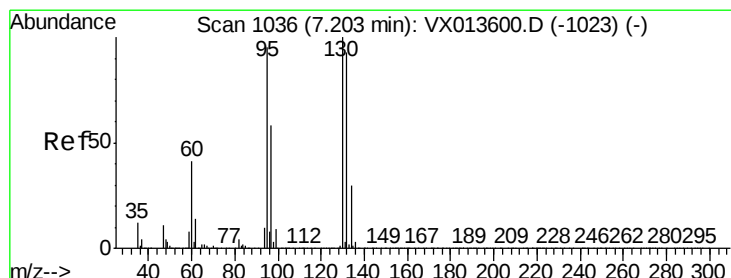
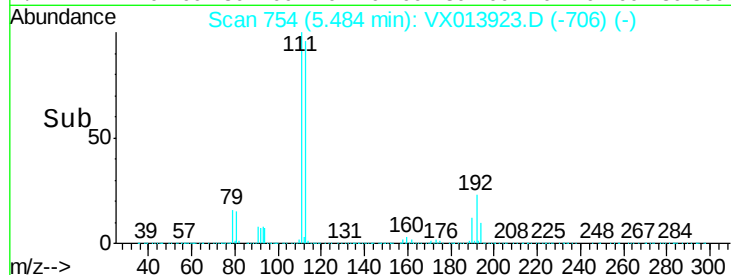
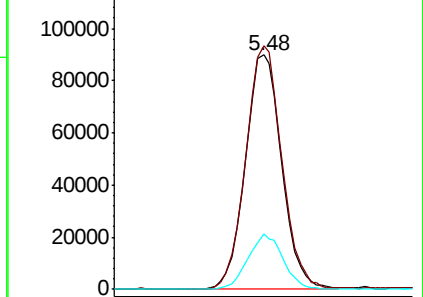
192 22.7 19.2 28.8



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: 51.033 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013923.D

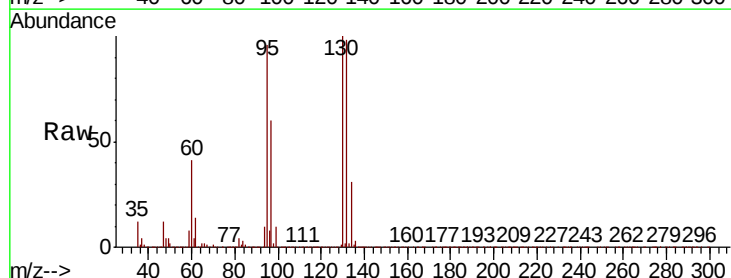
Acq: 11 Dec 2019 02:17

Tgt Ion:130 Resp: 331119

Ion Ratio Lower Upper

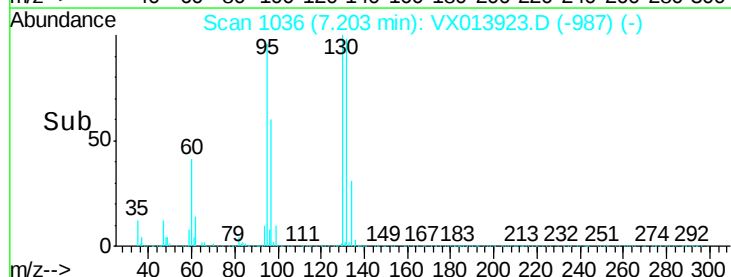
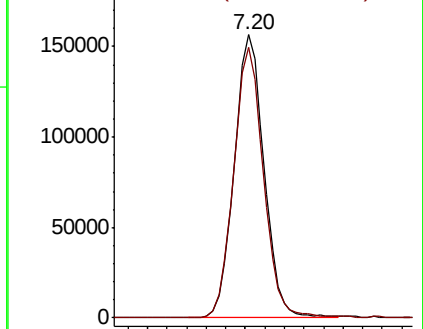
130 100

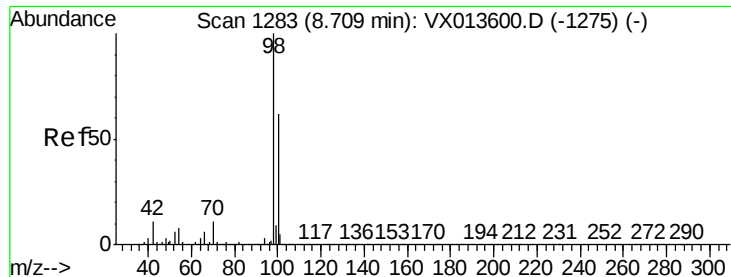
95 95.6 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.742 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013923.D

Acq: 11 Dec 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

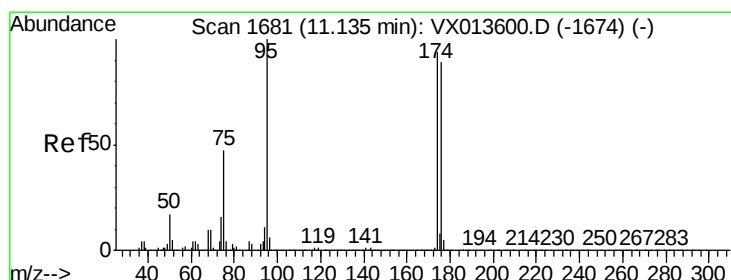
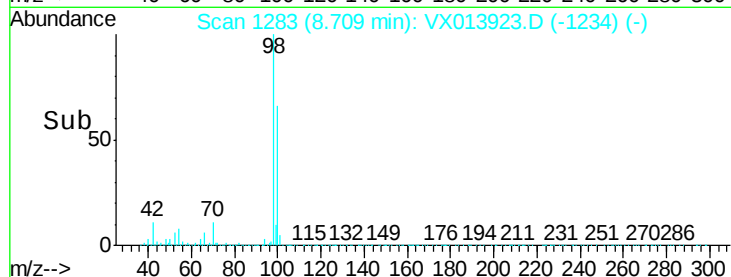
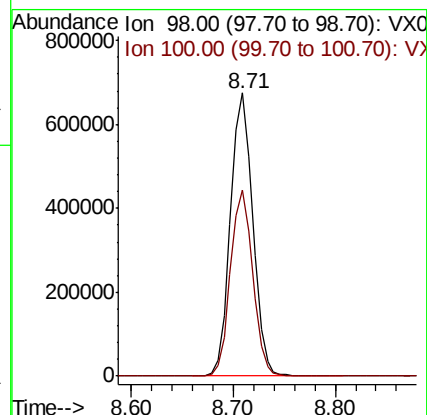
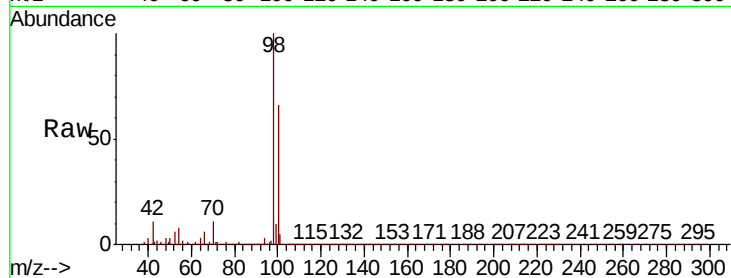
RE125D2-20191205DL

Tot Ion: 98 Resp: 1024512

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.529 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013923.D

Acq: 11 Dec 2019 02:17

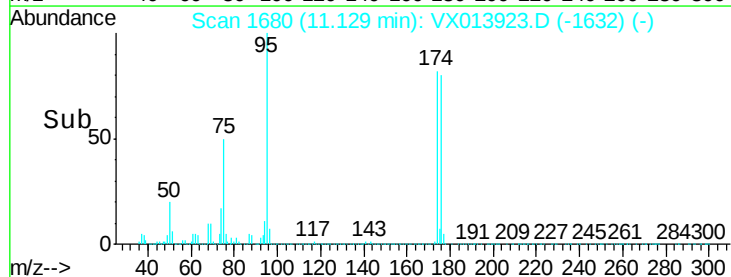
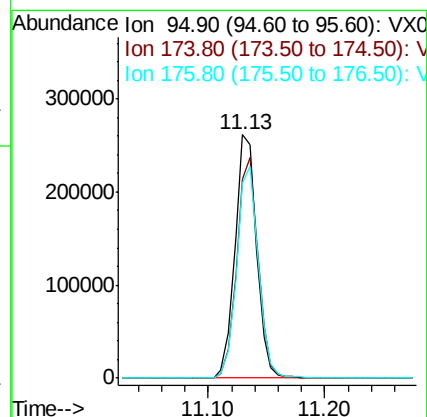
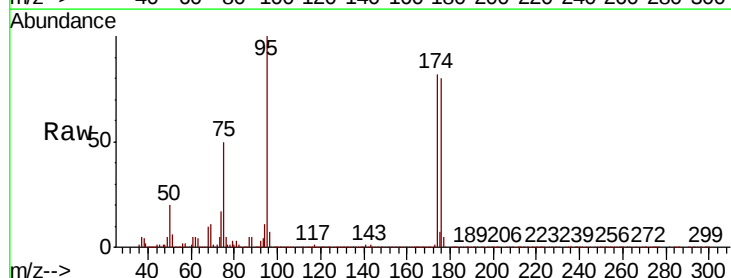
Tgt Ion: 95 Resp: 338149

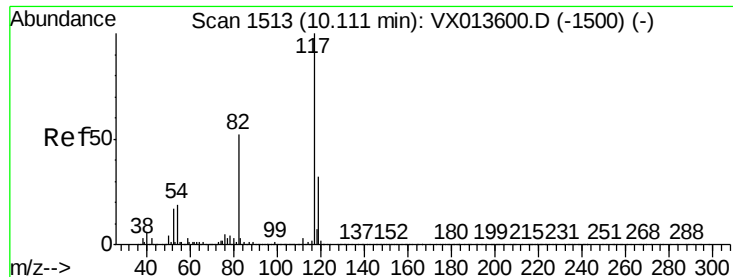
Ion Ratio Lower Upper

95 100

174 89.6 0.0 180.0

176 86.9 0.0 173.6

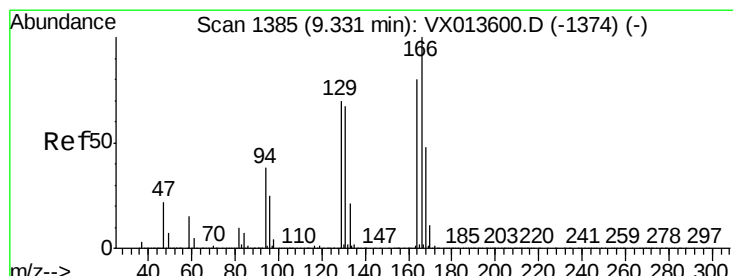
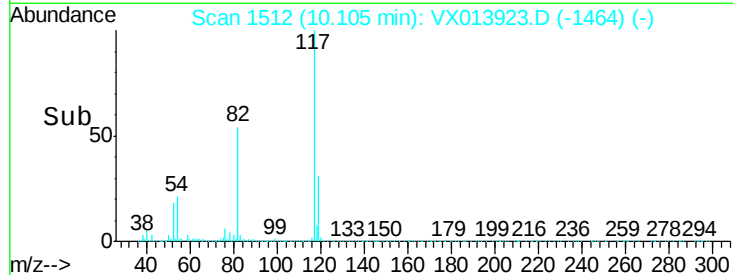
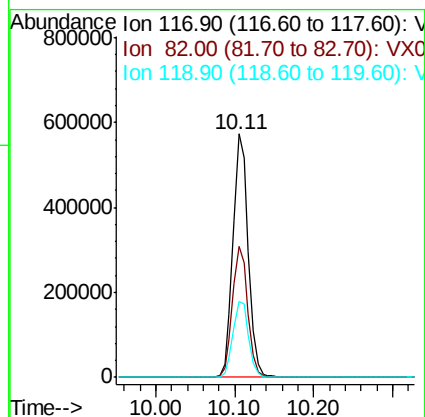
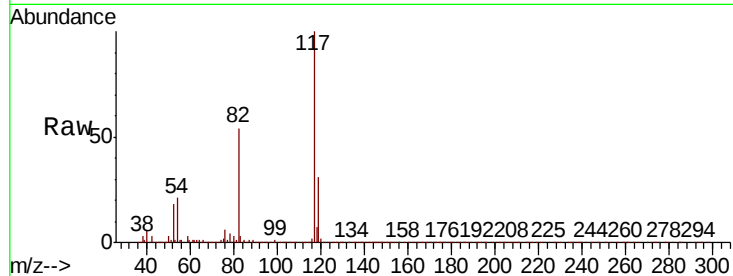




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013923.D
Acq: 11 Dec 2019 02:17

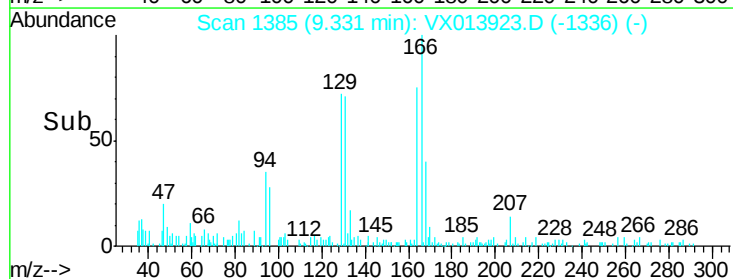
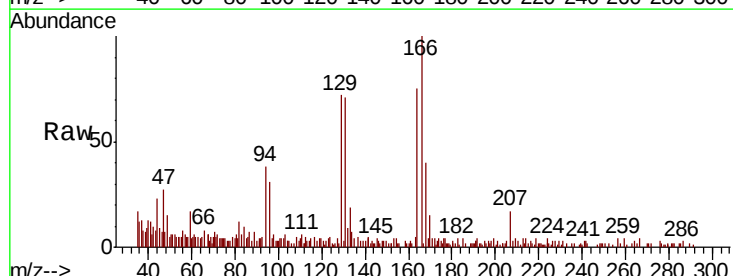
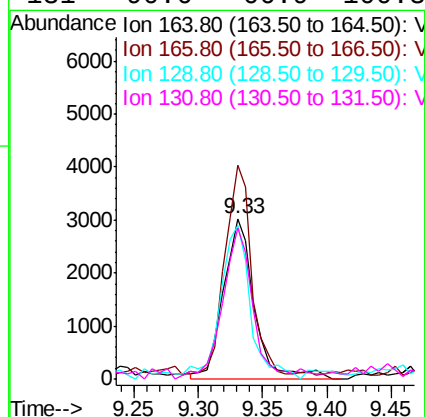
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20191205DL

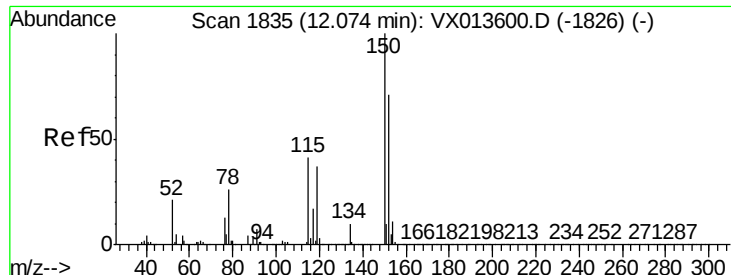
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.8	62.8
119	31.3	25.8	38.8



#64
Tetrachloroethene
Concen: 0.893 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013923.D
Acq: 11 Dec 2019 02:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	99.7	149.5
129	92.5	70.1	105.1
131	90.6	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: VX013923.D

Acq: 11 Dec 2019 02:17

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20191205DL

Tot Ion:152 Resp: 351414

Ion Ratio Lower Upper

152 100

115 55.3 38.4 115.1

150 154.1 0.0 346.8

