

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013922.D
 Acq On : 11 Dec 2019 01:20
 Operator : JC/SP
 Sample : K6185-11DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20191205DL

Quant Time: Dec 11 06:55:01 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

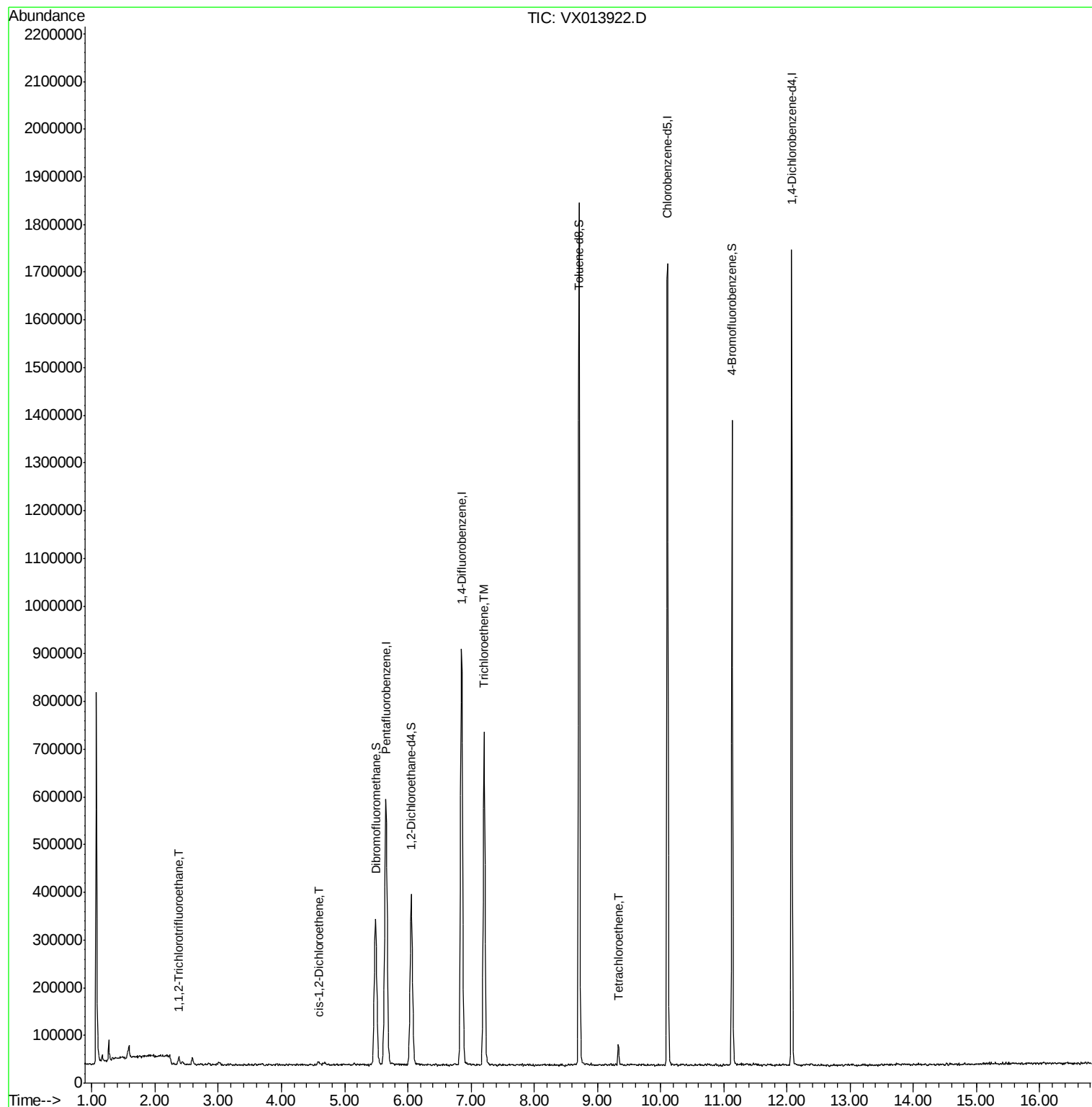
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	581832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	897651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	803733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	353360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	328388	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
35) Dibromofluoromethane	5.48	113	269279	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
50) Toluene-d8	8.71	98	1061867	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.14	95	355290	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.14%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	5988	1.079	ug/l #	86
27) cis-1,2-Dichloroethene	4.59	96	5044	0.728	ug/l	79
44) Trichloroethene	7.21	130	280911	41.243	ug/l	98
64) Tetrachloroethene	9.33	164	9759	1.628	ug/l	91

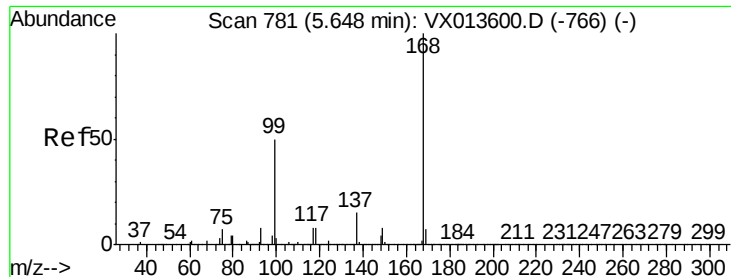
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 782

Delta R.T. 0.01 min

Lab File: VX013922.D

Acq: 11 Dec 2019 01:20

Instrument :

MSVOA_X

ClientSampleId :

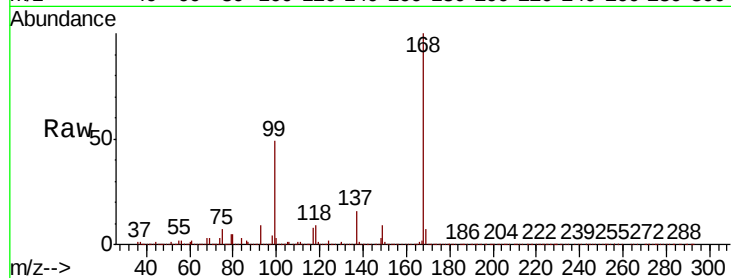
RE125D1-20191205DL

Tot Ion:168 Resp: 581832

Ion Ratio Lower Upper

168 100

99 49.2 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

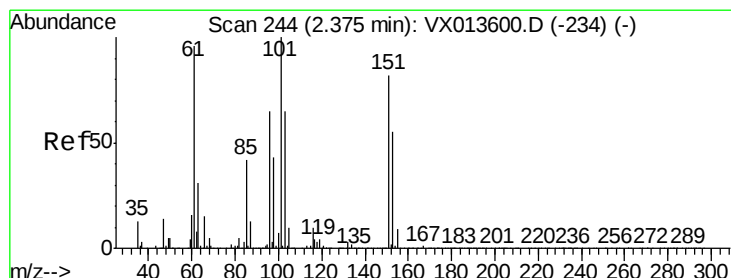
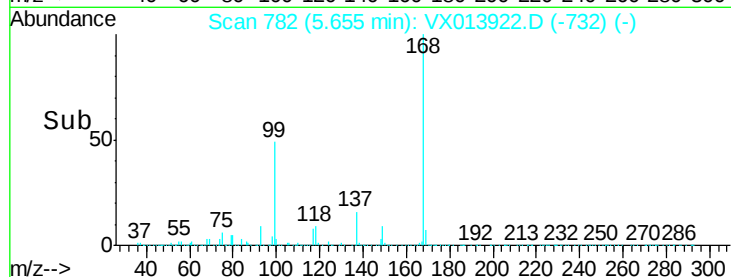
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.079 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013922.D

Acq: 11 Dec 2019 01:20

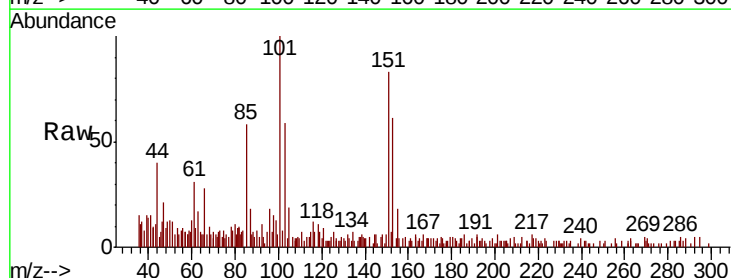
Tgt Ion:101 Resp: 5988

Ion Ratio Lower Upper

101 100

85 51.3 33.9 50.9#

151 92.6 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

4000

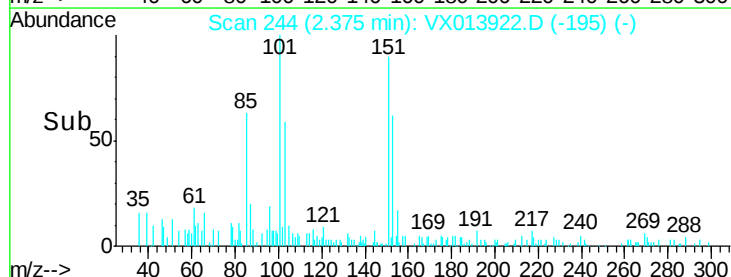
3000

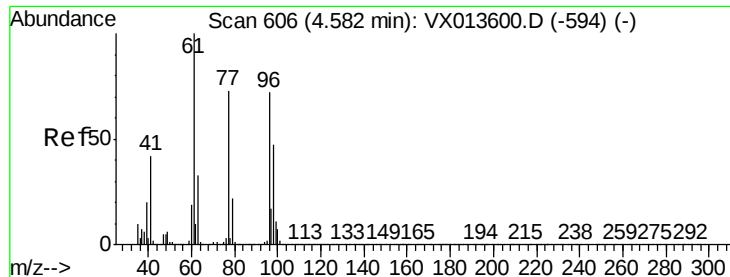
2000

1000

0

Time-->



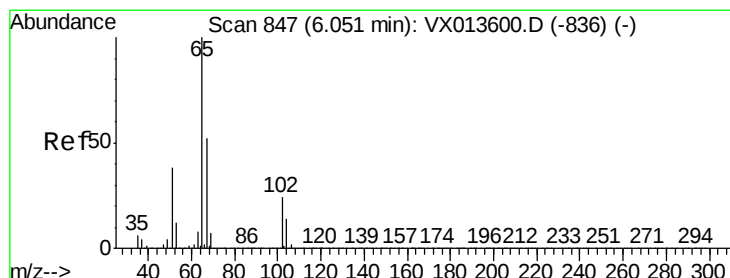
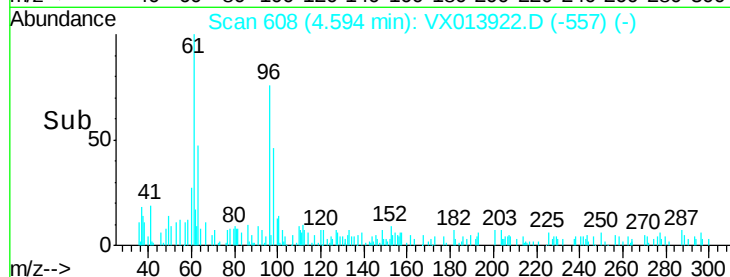
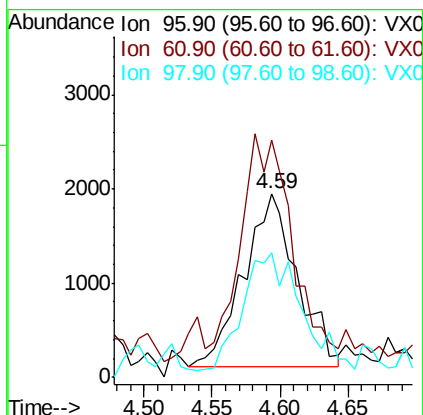
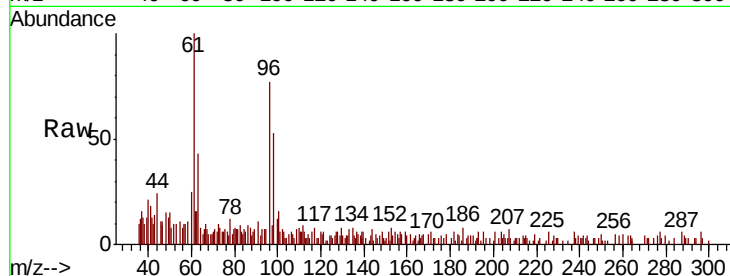


#27

cis-1,2-Dichloroethene
Concen: 0.728 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX013922.D
Acq: 11 Dec 2019 01:20

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20191205DL

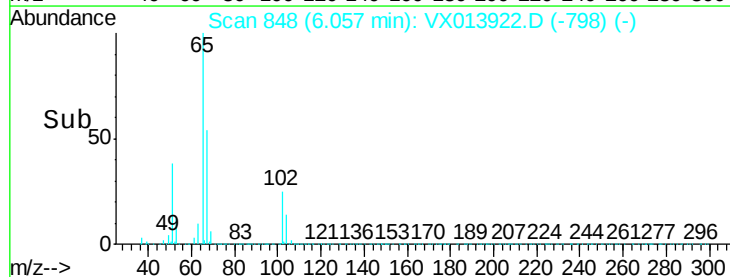
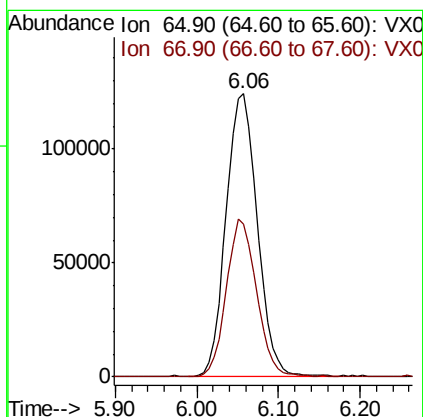
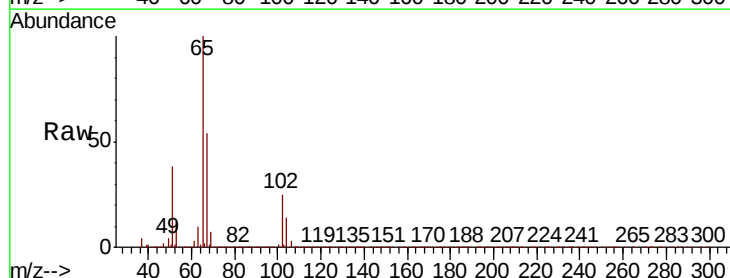
Tot Ion	Ratio	Lower	Upper
96	100		
61	113.0	0.0	286.4
98	73.8	0.0	127.4

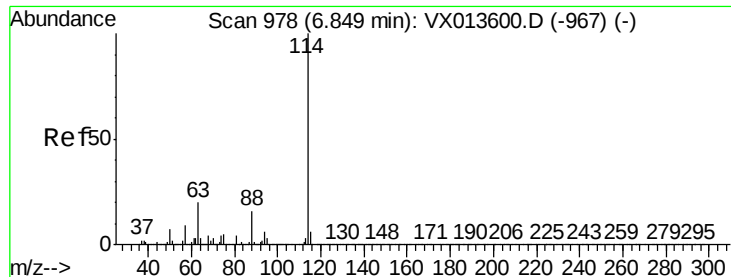


#33

1,2-Dichloroethane-d4
Concen: 48.623 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013922.D
Acq: 11 Dec 2019 01:20

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.5	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: VX013922.D

Acq: 11 Dec 2019 01:20

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20191205DL

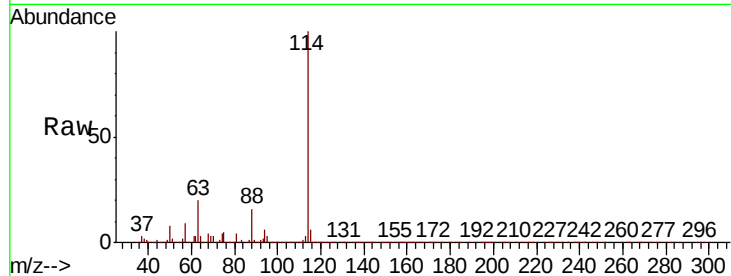
Tot Ion:114 Resp: 897651

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

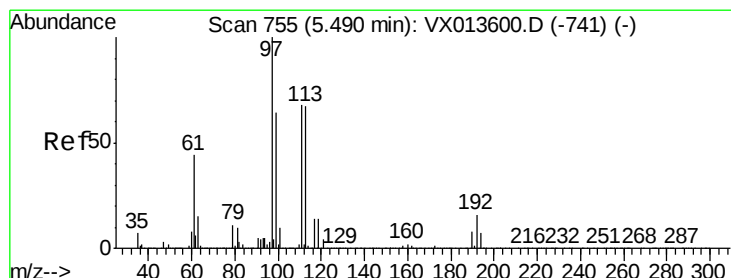
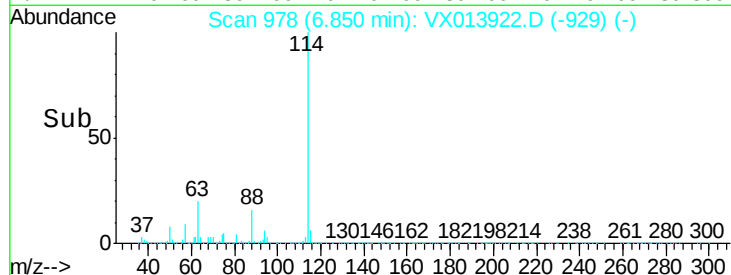
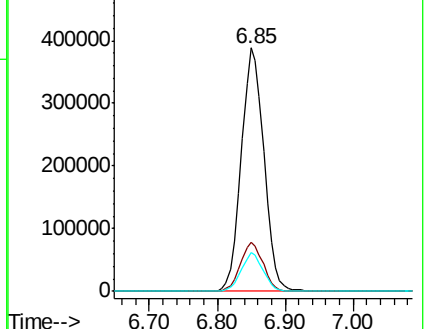
88 15.9 0.0 31.4



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: 48.524 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013922.D

Acq: 11 Dec 2019 01:20

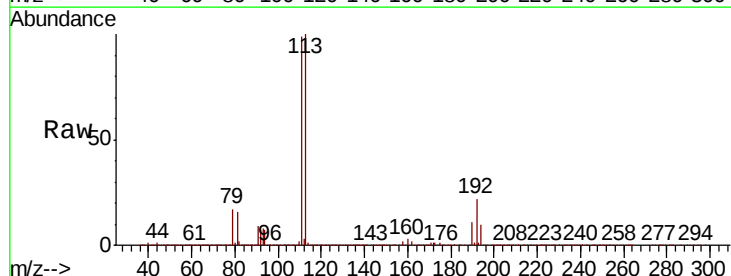
Tgt Ion:113 Resp: 269279

Ion Ratio Lower Upper

113 100

111 103.1 83.6 125.4

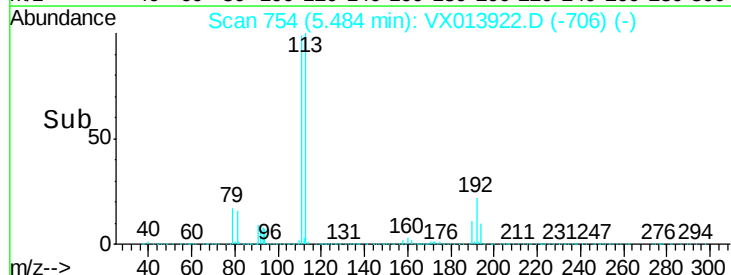
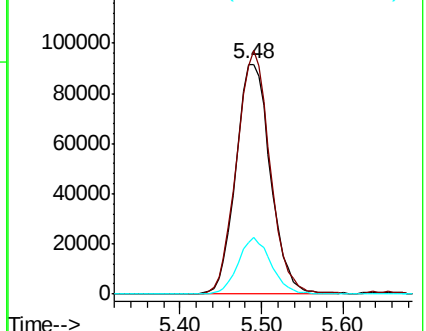
192 23.1 19.2 28.8

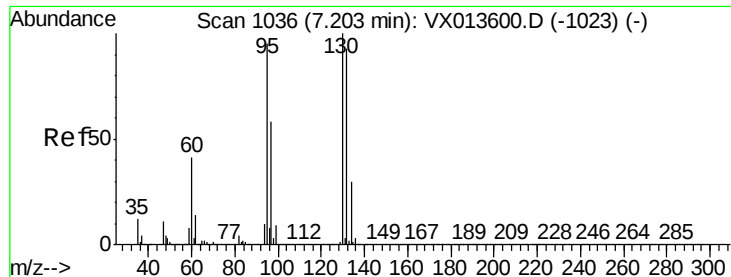


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 41.243 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013922.D

Acq: 11 Dec 2019 01:20

Instrument :

MSVOA_X

ClientSampleId :

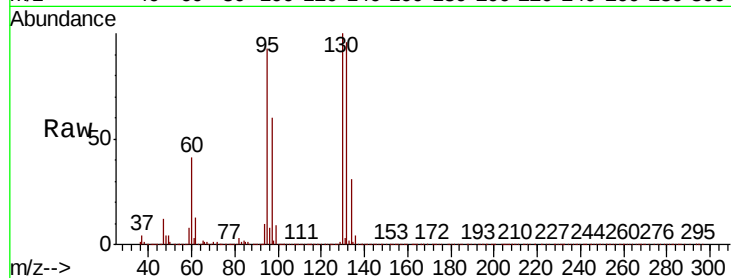
RE125D1-20191205DL

Tot Ion:130 Resp: 280911

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

7.21

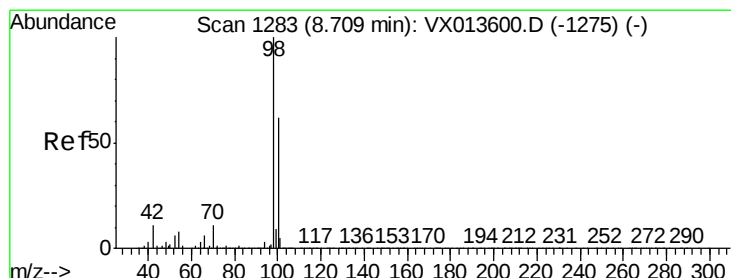
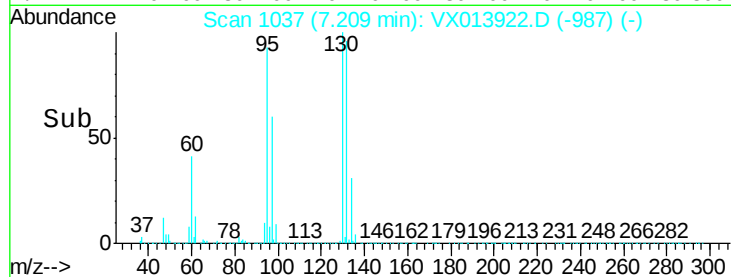
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 49.113 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013922.D

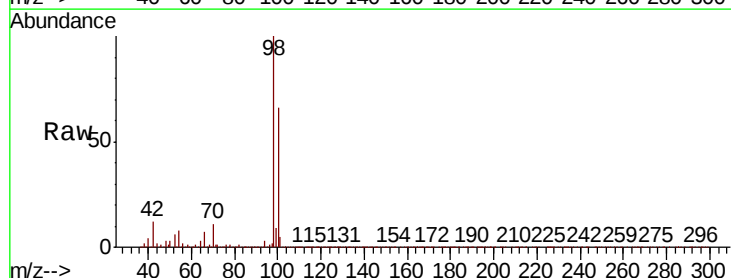
Acq: 11 Dec 2019 01:20

Tgt Ion: 98 Resp: 1061867

Ion Ratio Lower Upper

98 100

100 66.1 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

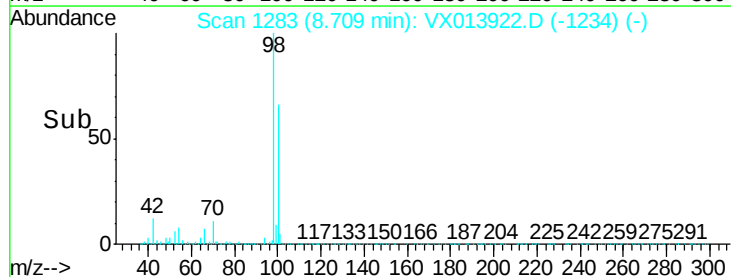
600000

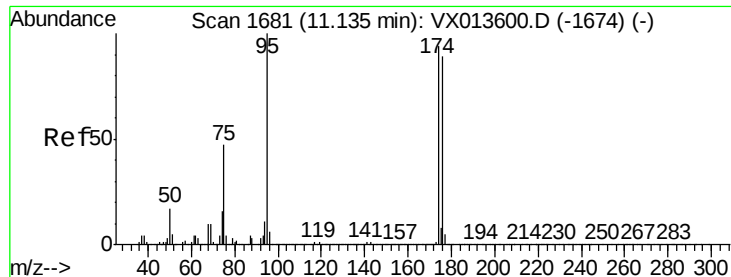
400000

200000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 45.570 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013922.D

Acq: 11 Dec 2019 01:20

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20191205DL

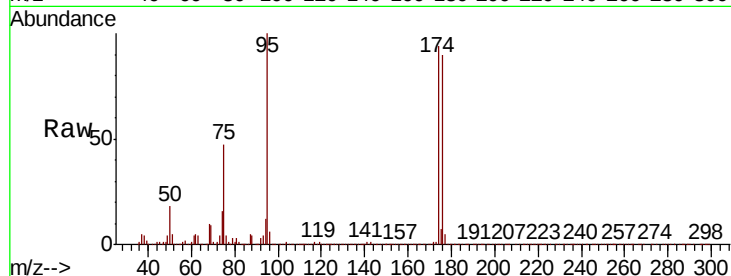
Tot Ion: 95 Resp: 355290

Ion Ratio Lower Upper

95 100

174 89.8 0.0 180.0

176 86.6 0.0 173.6

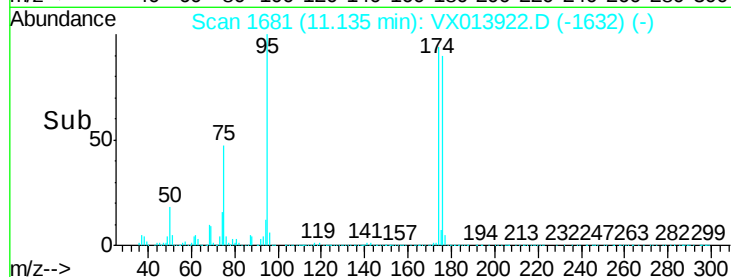


Abundance Ion 94.90 (94.60 to 95.60): VX013600.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013600.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013600.D (-1674) (-)

Time-->

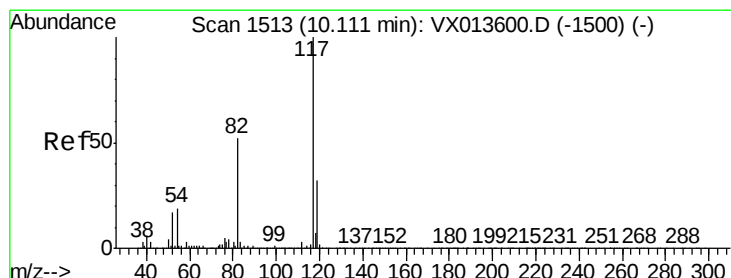


Abundance Ion 94.90 (94.60 to 95.60): VX013922.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX013922.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX013922.D (-1632) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013922.D

Acq: 11 Dec 2019 01:20

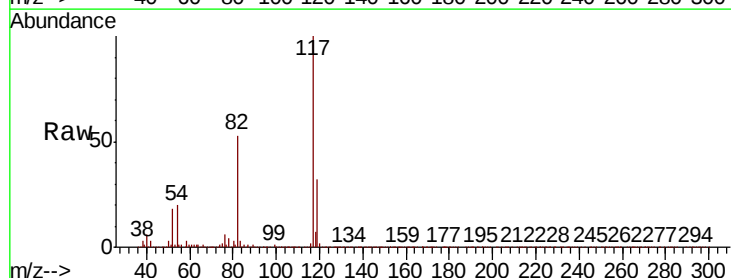
Tgt Ion: 117 Resp: 803733

Ion Ratio Lower Upper

117 100

82 53.3 41.8 62.8

119 32.2 25.8 38.8

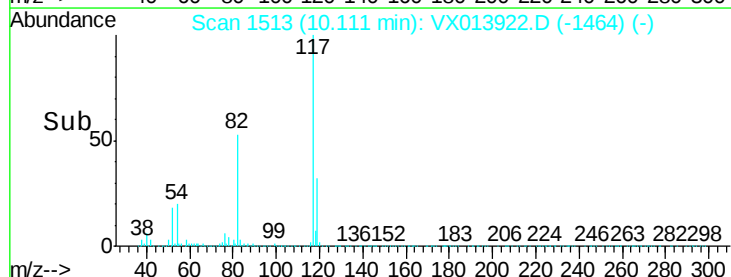


Abundance Ion 116.90 (116.60 to 117.60): VX013600.D (-1500) (-)

Ion 82.00 (81.70 to 82.70): VX013600.D (-1500) (-)

Ion 118.90 (118.60 to 119.60): VX013600.D (-1500) (-)

Time-->

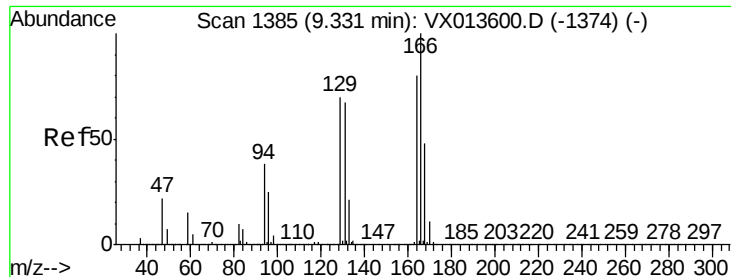


Abundance Ion 116.90 (116.60 to 117.60): VX013922.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013922.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013922.D (-1464) (-)

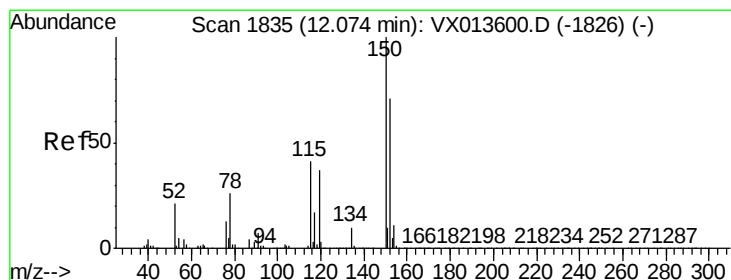
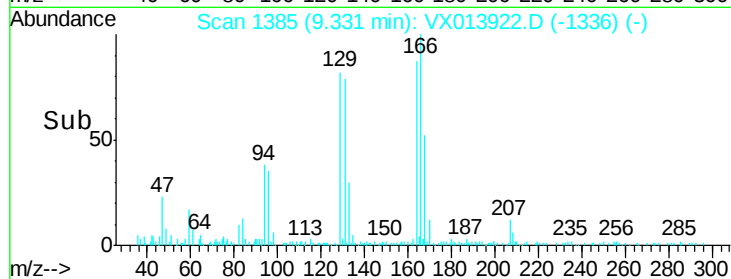
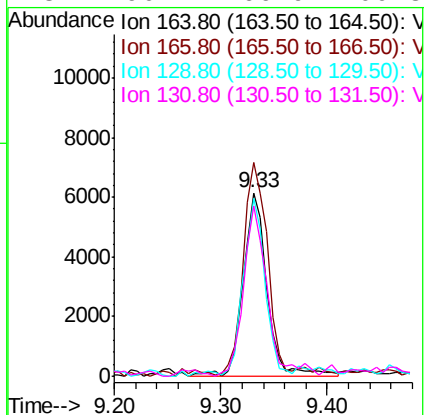
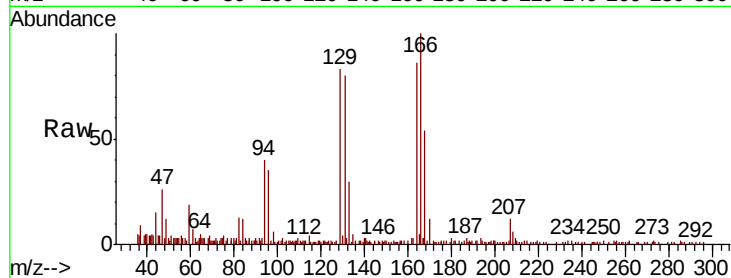
Time-->



#64
Tetrachloroethene
Concen: 1.628 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013922.D
Acq: 11 Dec 2019 01:20

Instrument :
MSVOA_X
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RE125D1-20191205DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	114.9	99.7	149.5
129	96.7	70.1	105.1
131	90.7	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: VX013922.D
Acq: 11 Dec 2019 01:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	38.4	115.1
150	157.2	0.0	346.8

