

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012537.D
 Acq On : 19 Sep 2019 18:41
 Operator : JC/SP
 Sample : K4858-25DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20190911DL

Quant Time: Sep 20 06:53:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

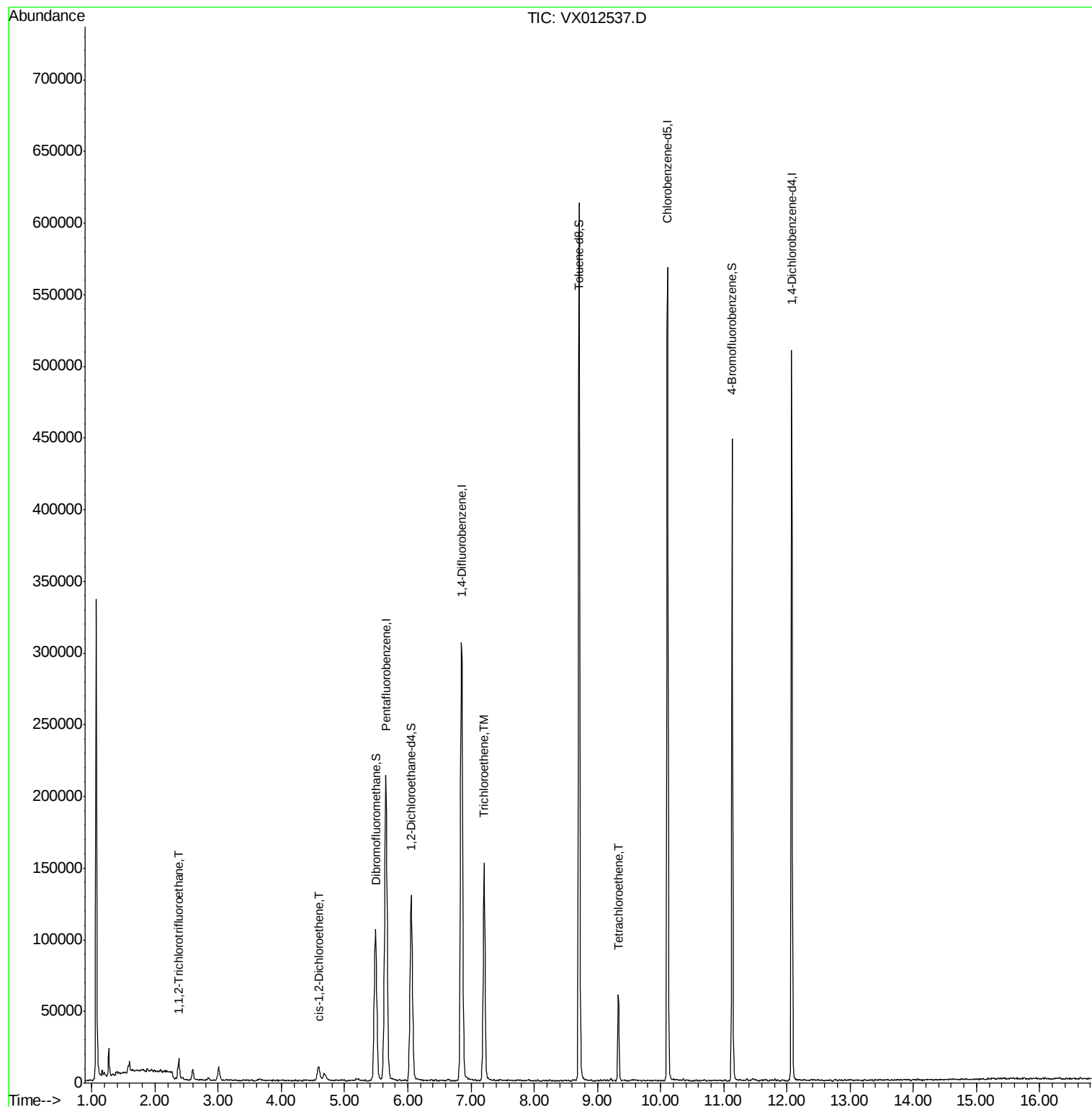
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	185761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	299449	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	94009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	128415	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
35) Dibromofluoromethane	5.49	113	90026	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
50) Toluene-d8	8.71	98	340820	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.14	95	119070	42.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.50%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	4666	3.187	ug/l	92
27) cis-1,2-Dichloroethene	4.58	96	6044	3.336	ug/l	84
44) Trichloroethene	7.21	130	56618	37.191	ug/l	96
64) Tetrachloroethene	9.33	164	11171	9.793	ug/l	96

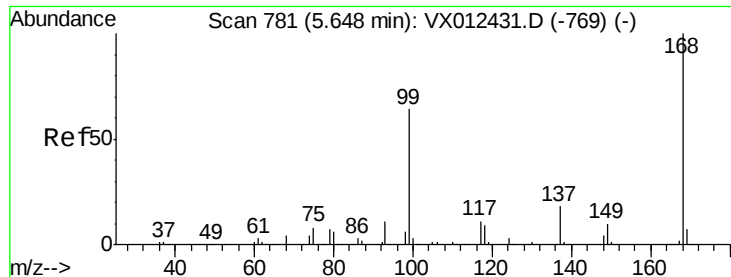
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 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: VX012537.D

Acq: 19 Sep 2019 18:41

Instrument :

MSVOA_X

ClientSampleId :

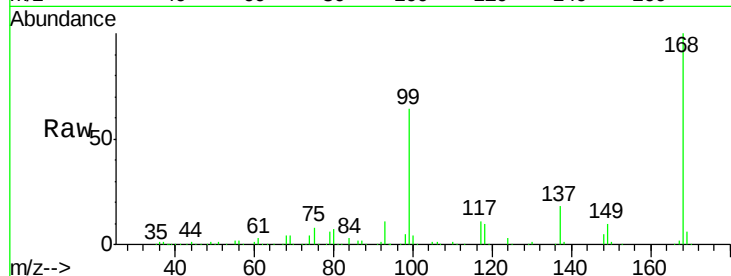
RE132D5-20190911DL

Tot Ion:168 Resp: 185761

Ion Ratio Lower Upper

168 100

99 64.0 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

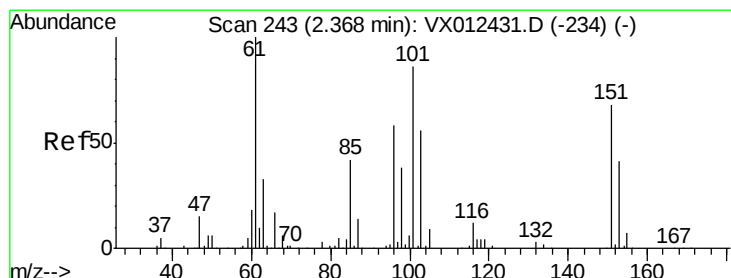
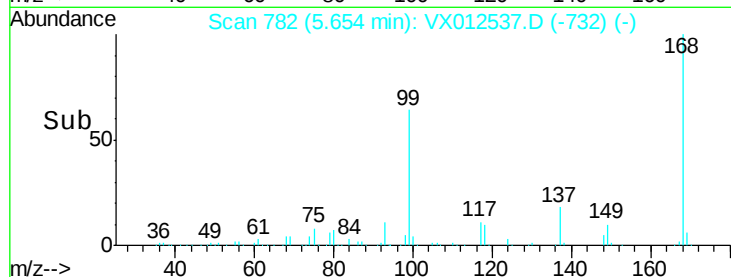
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.187 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012537.D

Acq: 19 Sep 2019 18:41

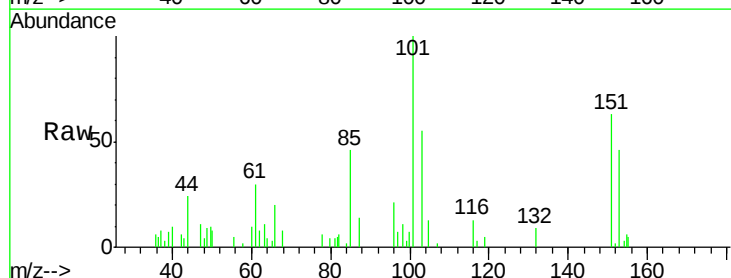
Tgt Ion:101 Resp: 4666

Ion Ratio Lower Upper

101 100

85 50.3 37.3 55.9

151 84.2 61.0 91.4



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

3000

2500

2000

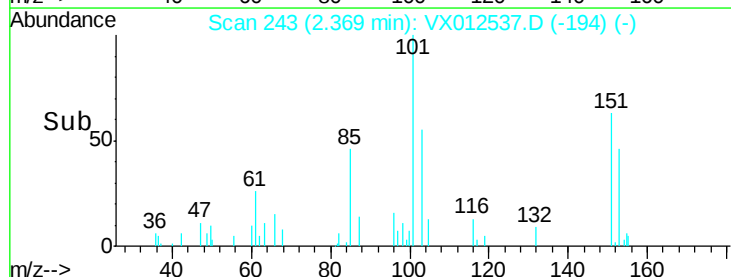
1500

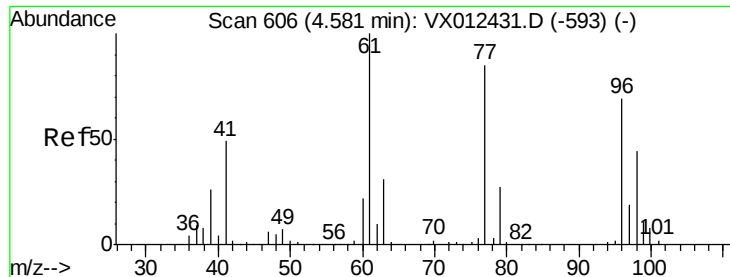
1000

500

0

Time--> 2.30 2.35 2.40 2.45

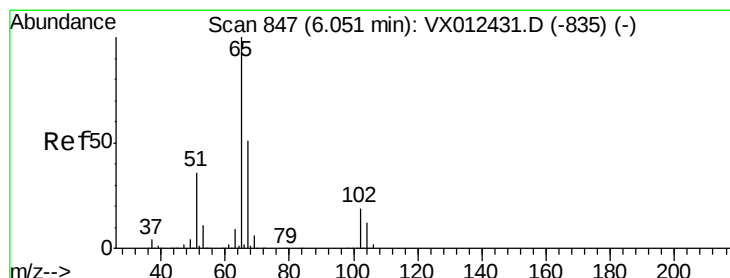
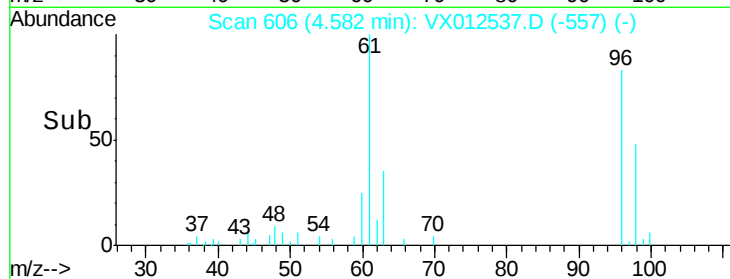
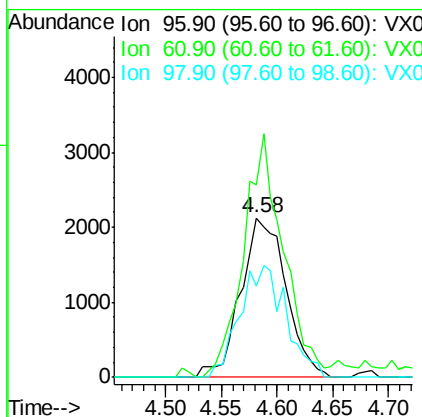
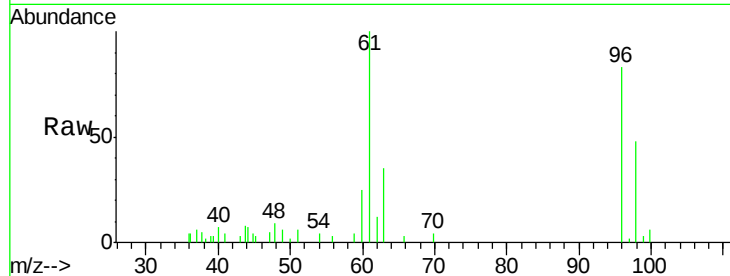




#27
 cis-1,2-Dichloroethene
 Concen: 3.336 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012537.D
 Acq: 19 Sep 2019 18:41

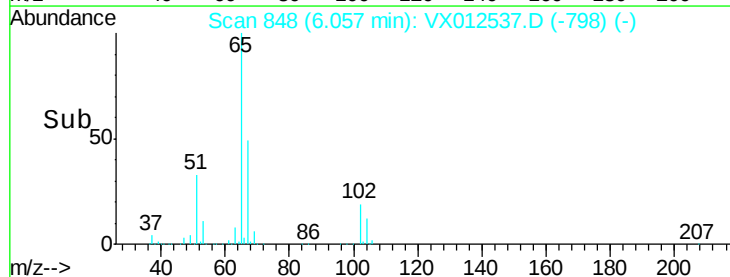
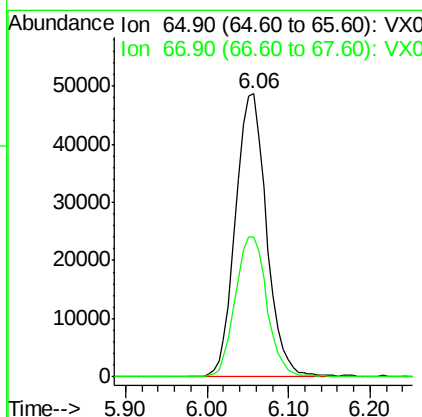
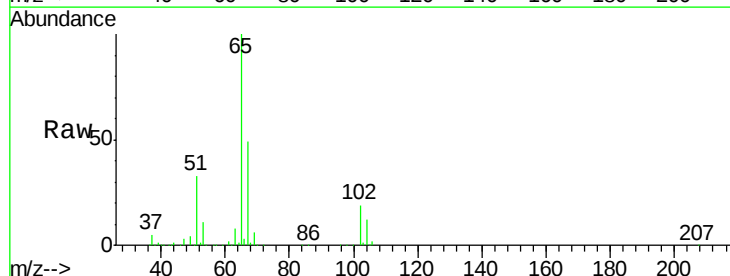
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20190911DL

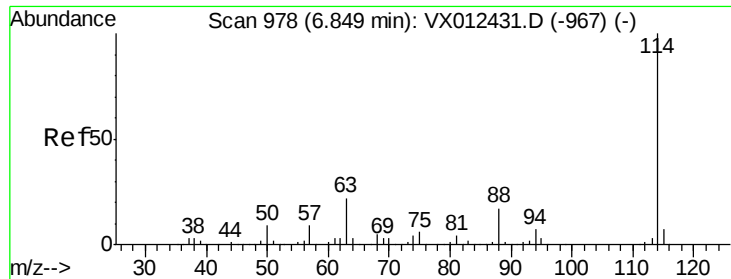
Tot Ion: 96 Resp: 6044
 Ion Ratio Lower Upper
 96 100
 61 133.5 0.0 319.4
 98 71.5 0.0 130.6



#33
 1,2-Dichloroethane-d4
 Concen: 48.234 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012537.D
 Acq: 19 Sep 2019 18:41

Tgt Ion: 65 Resp: 128415
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.2

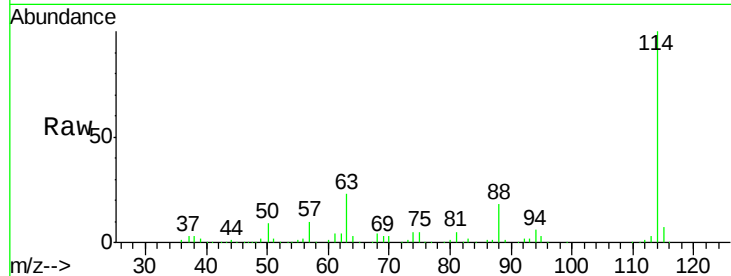




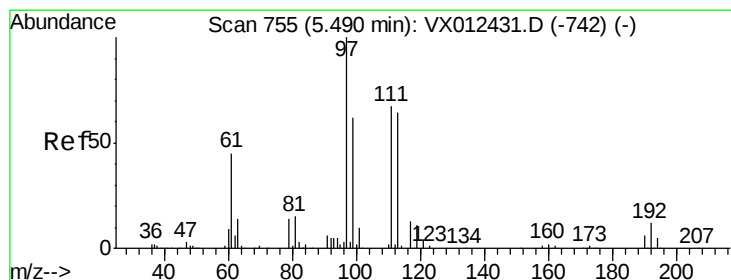
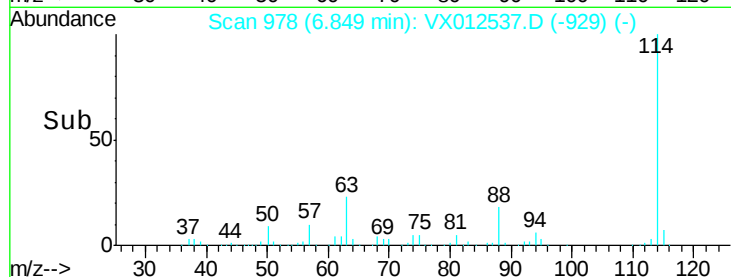
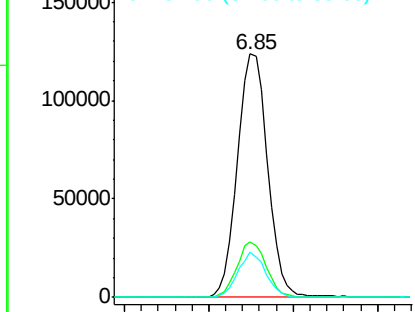
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012537.D
 Acq: 19 Sep 2019 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20190911DL

Tot Ion:114 Resp: 299449
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 43.2
 88 18.4 0.0 33.2

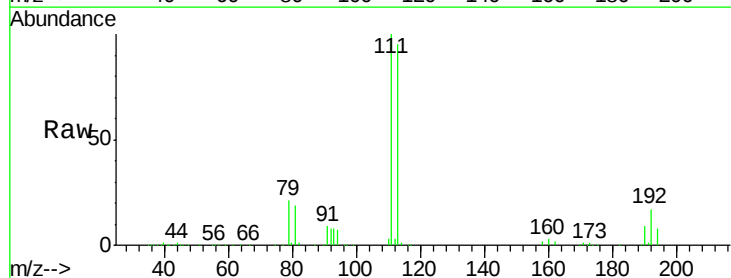


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

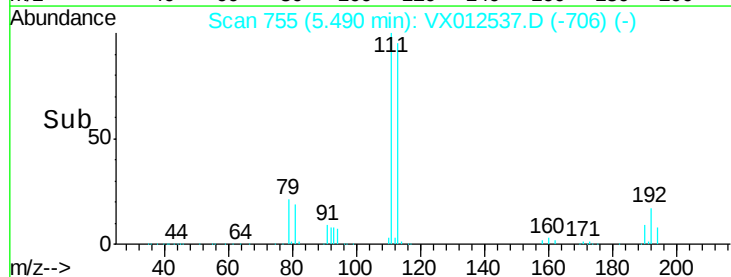
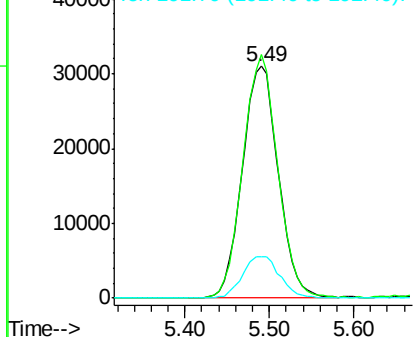


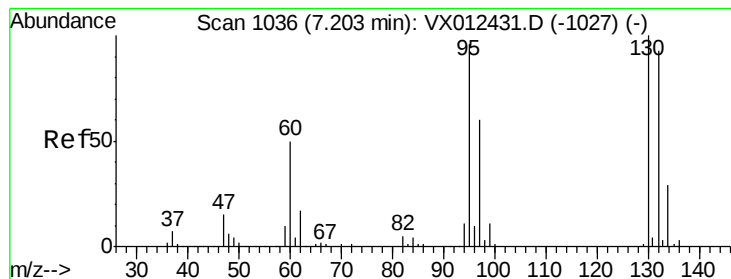
#35
 Dibromofluoromethane
 Concen: 49.671 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012537.D
 Acq: 19 Sep 2019 18:41

Tgt Ion:113 Resp: 90026
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.4 125.2
 192 18.6 14.4 21.6



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: 37.191 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012537.D

Acq: 19 Sep 2019 18:41

Instrument :

MSVOA_X

ClientSampleId :

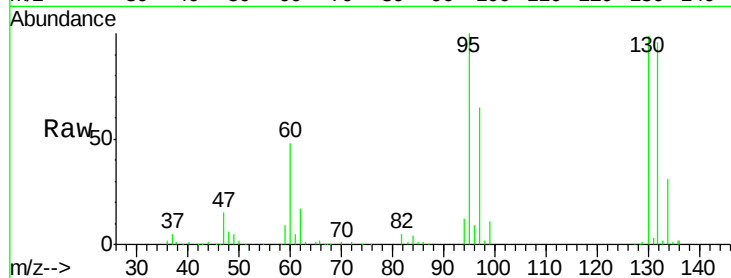
RE132D5-20190911DL

Tot Ion:130 Resp: 56618

Ion Ratio Lower Upper

130 100

95 100.5 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

30000

25000

20000

15000

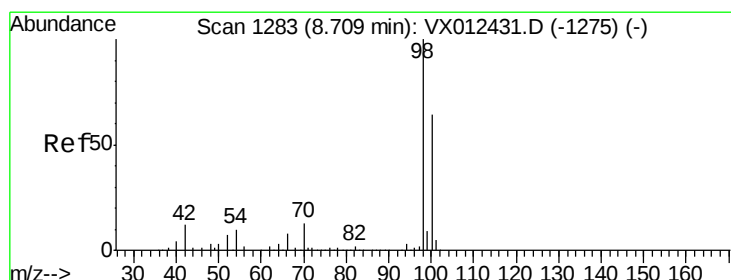
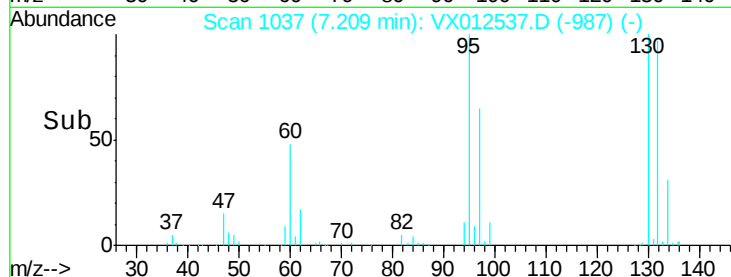
10000

5000

0

Time-->

7.10 7.15 7.20 7.25 7.30



#50

Toluene-d8

Concen: 50.803 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012537.D

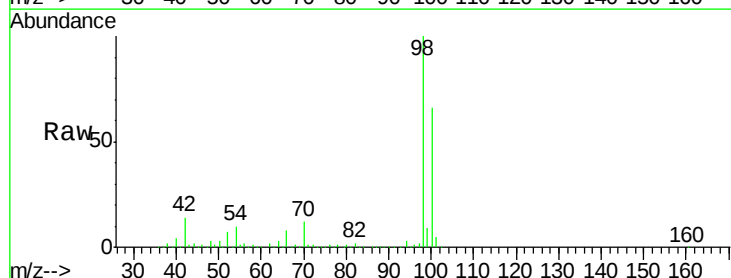
Acq: 19 Sep 2019 18:41

Tgt Ion: 98 Resp: 340820

Ion Ratio Lower Upper

98 100

100 67.6 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

250000

200000

150000

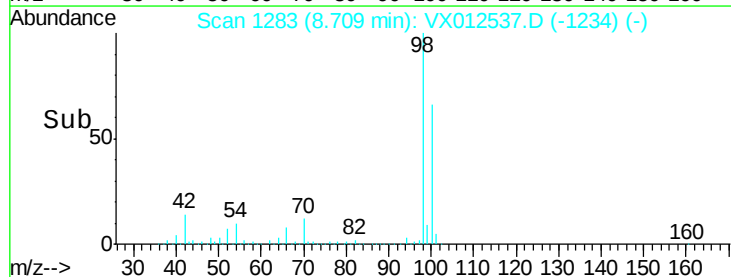
100000

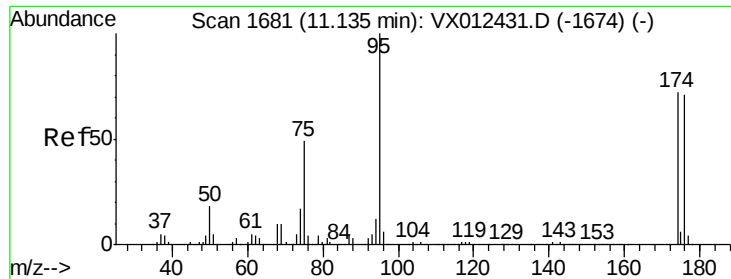
50000

0

Time-->

8.60 8.70 8.80 8.90





#62

4-Bromofluorobenzene

Concen: 42.747 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012537.D

Acq: 19 Sep 2019 18:41

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20190911DL

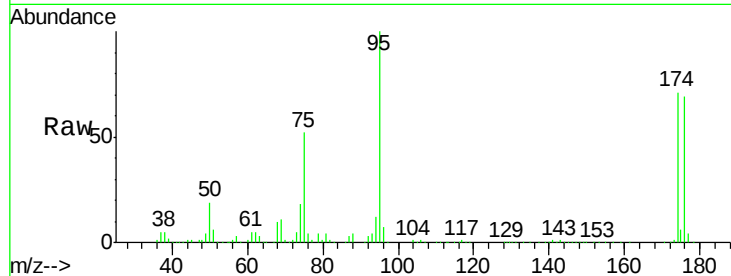
Tot Ion: 95 Resp: 119070

Ion Ratio Lower Upper

95 100

174 69.6 0.0 140.0

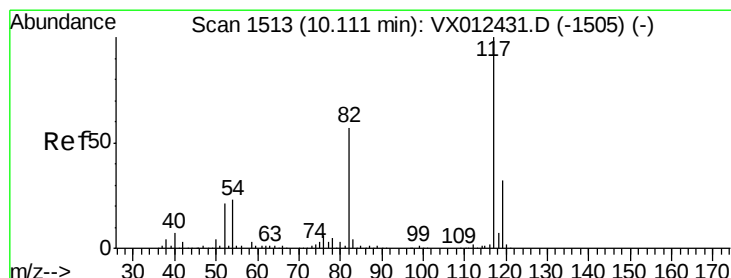
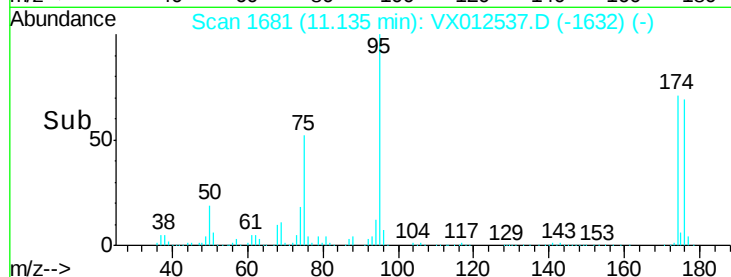
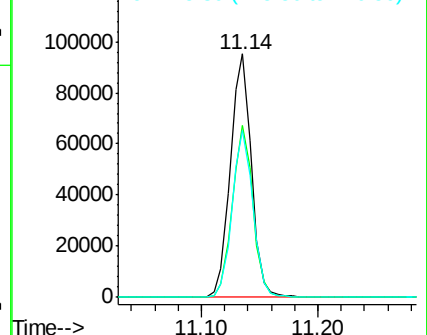
176 68.4 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012537.D

Acq: 19 Sep 2019 18:41

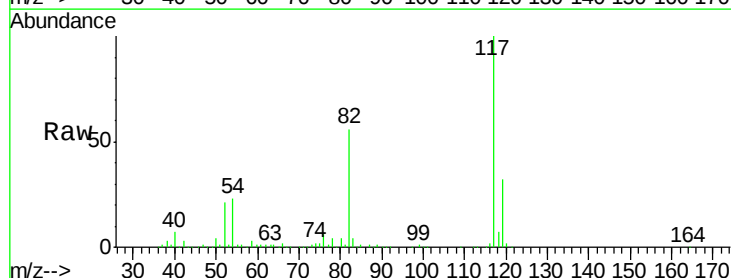
Tgt Ion: 117 Resp: 248941

Ion Ratio Lower Upper

117 100

82 55.6 45.9 68.9

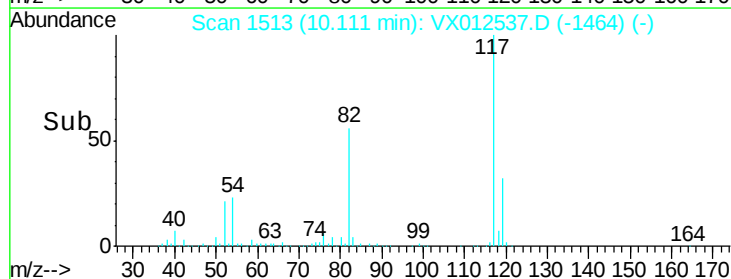
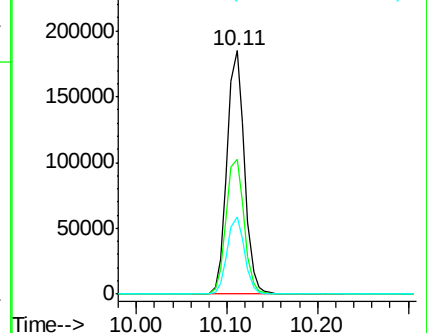
119 31.6 25.3 37.9

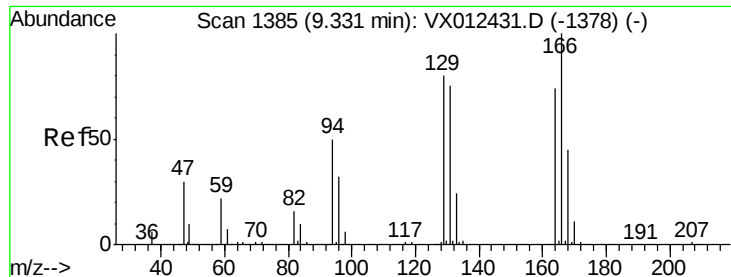


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

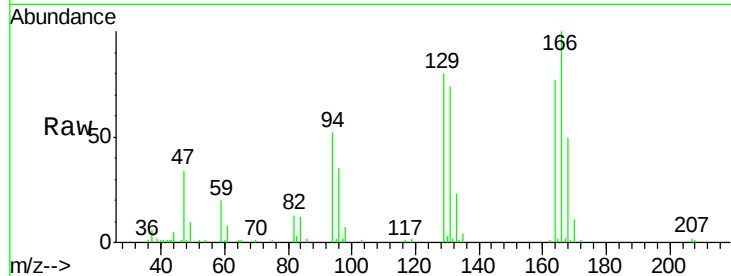




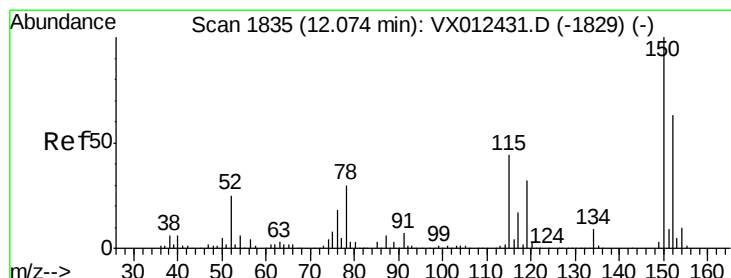
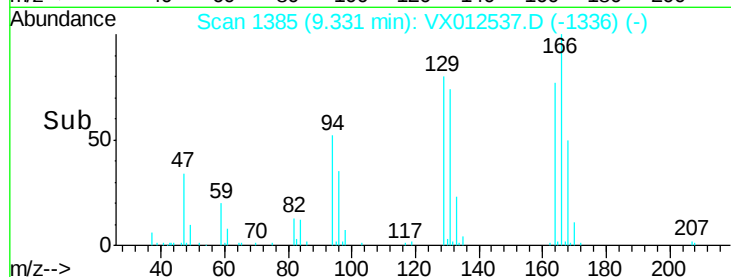
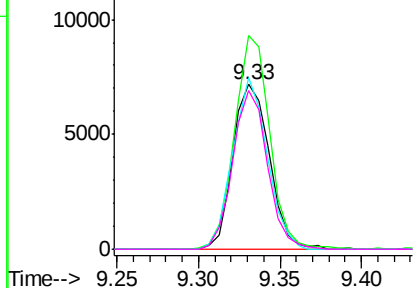
#64
Tetrachloroethene
Concen: 9.793 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012537.D
Acq: 19 Sep 2019 18:41

Instrument :
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RE132D5-20190911DL

Tot Ion:164 Resp: 11171
Ion Ratio Lower Upper
164 100
166 129.6 107.8 161.6
129 104.0 86.2 129.2
131 96.4 80.4 120.6

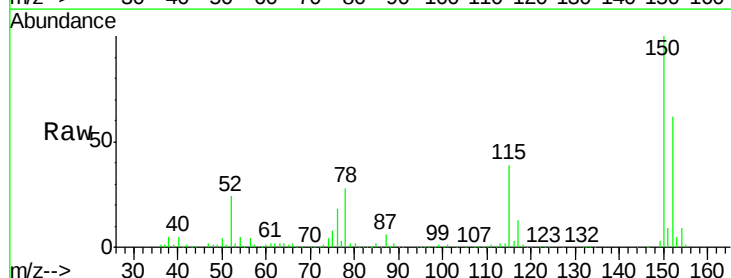


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012537.D
Acq: 19 Sep 2019 18:41

Tgt Ion:152 Resp: 94009
Ion Ratio Lower Upper
152 100
115 64.1 44.1 132.3
150 159.4 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

