

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012482.D
 Acq On : 18 Sep 2019 18:31
 Operator : JC/SP
 Sample : K4858-14DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20190910DL

Quant Time: Sep 19 07:42:36 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

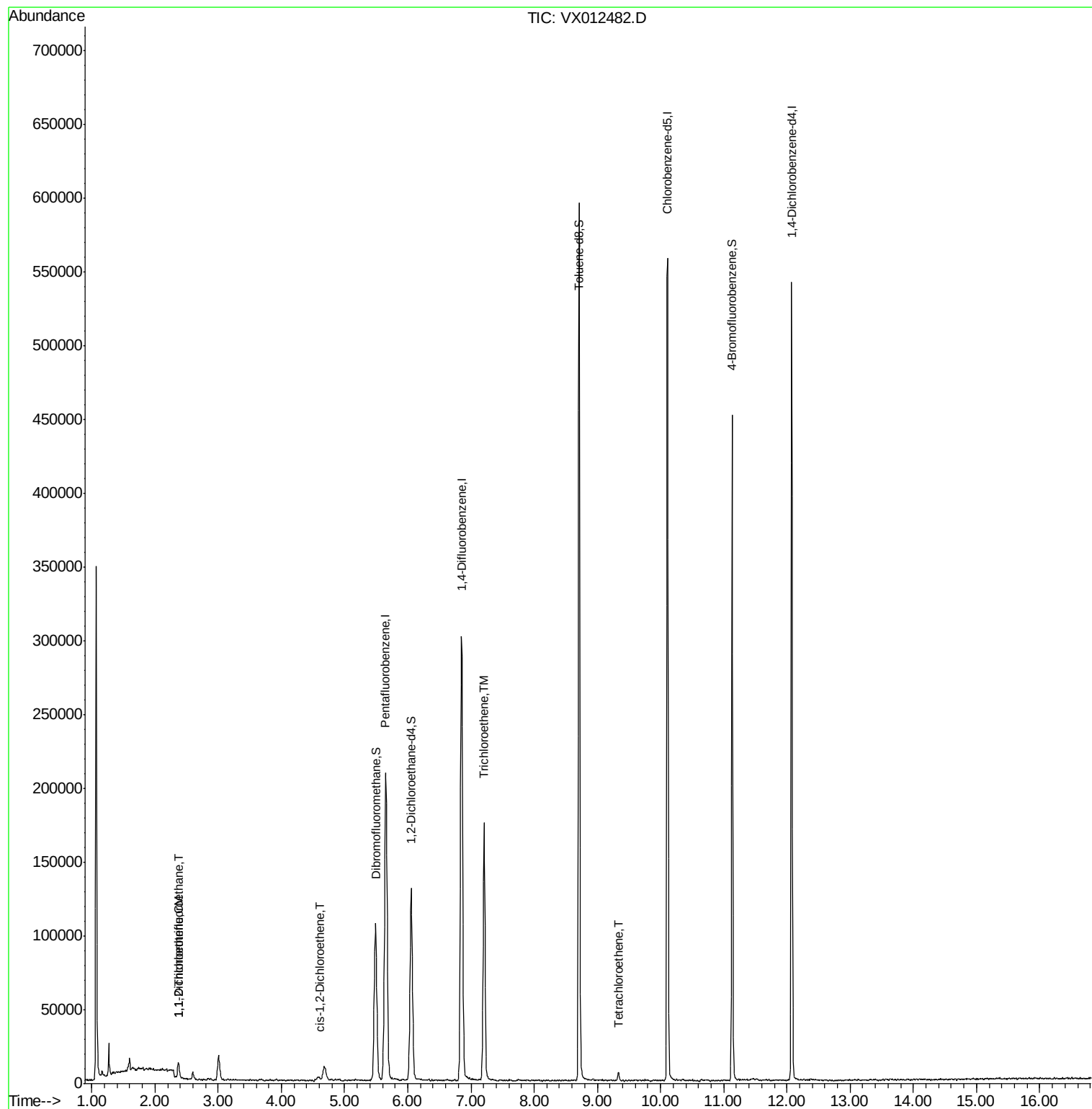
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	188580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	295046	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103812	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	127286	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
35) Dibromofluoromethane	5.49	113	89707	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
50) Toluene-d8	8.71	98	337398	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	11.14	95	121121	44.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.26%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	3334	2.243	ug/l	95
12) 1,1-Dichloroethene	2.37	96	1358	1.145	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	1316	0.716	ug/l	92
44) Trichloroethene	7.21	130	65725	43.818	ug/l	91
64) Tetrachloroethene	9.33	164	1112	0.974	ug/l #	80

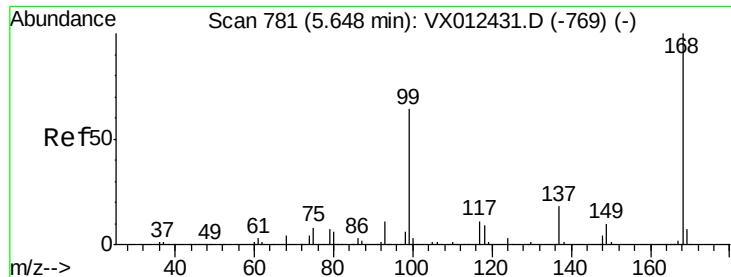
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012482.D

Acq: 18 Sep 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

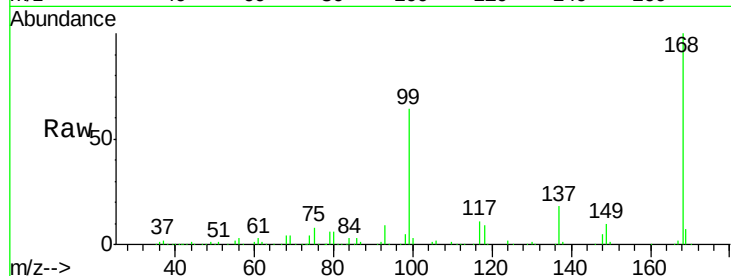
RE125D2-20190910DL

Tot Ion:168 Resp: 188580

Ion Ratio Lower Upper

168 100

99 63.7 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

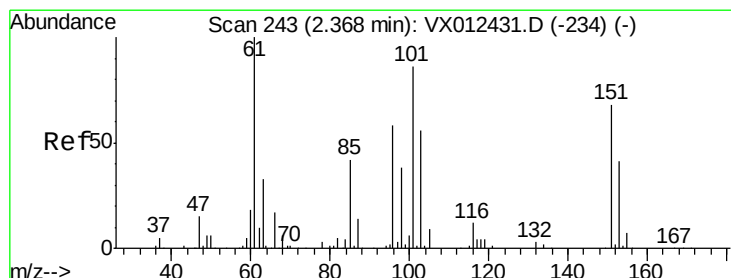
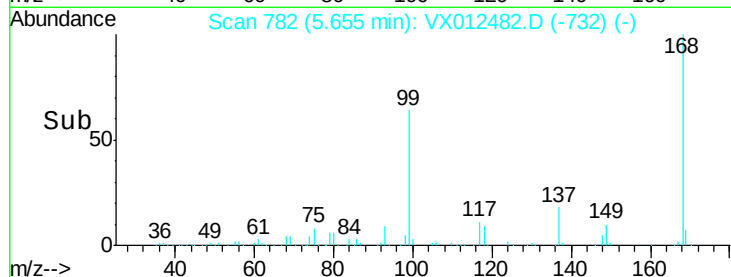
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.243 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012482.D

Acq: 18 Sep 2019 18:31

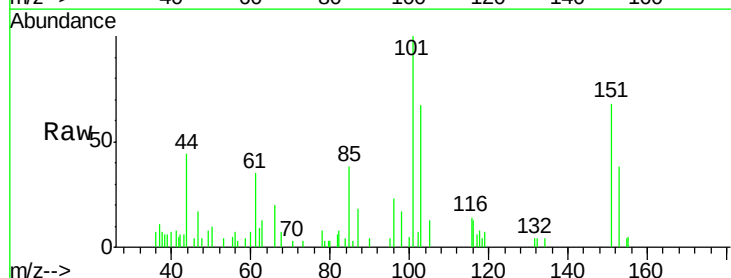
Tgt Ion:101 Resp: 3334

Ion Ratio Lower Upper

101 100

85 50.5 37.3 55.9

151 71.7 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

2500

2000

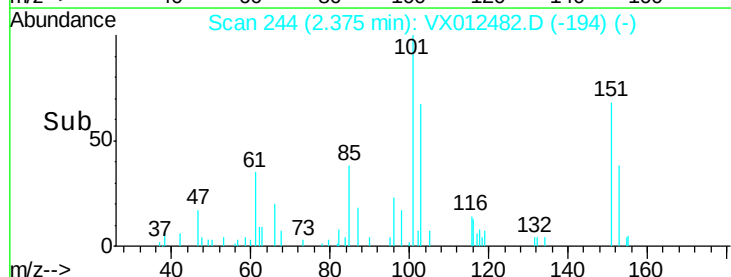
1500

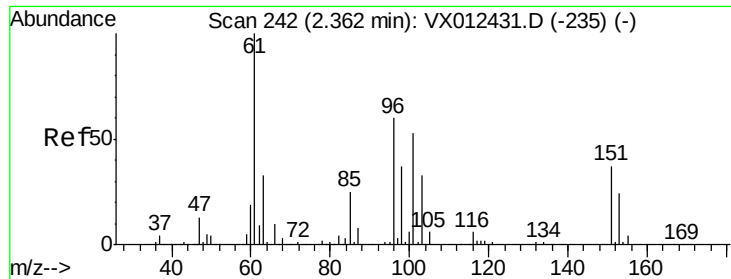
1000

500

0

Time--> 2.30 2.35 2.40 2.45

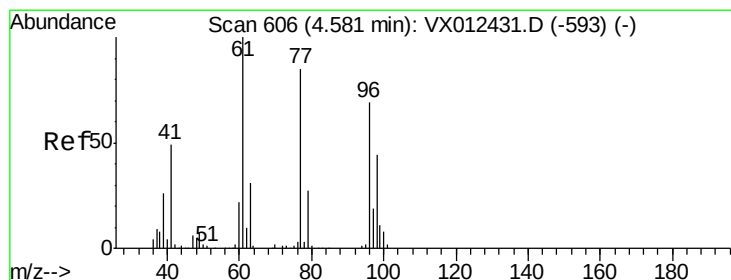
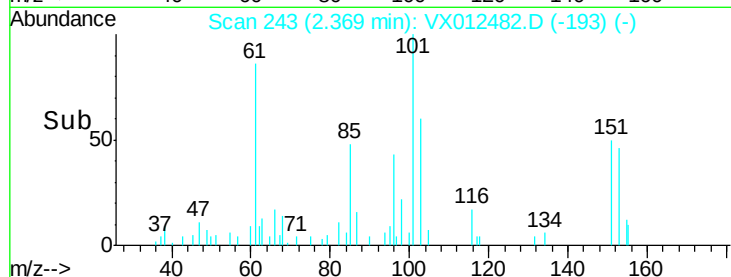
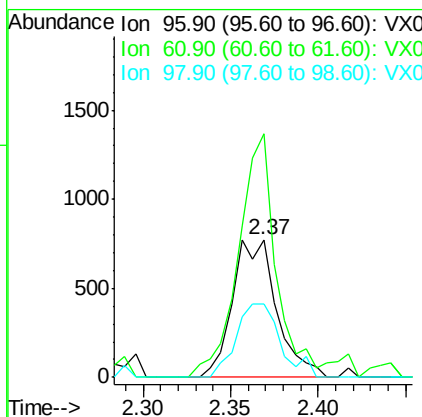
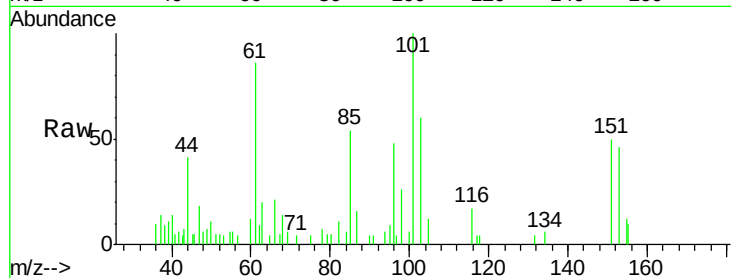




#12
 1,1-Dichloroethene
 Concen: 1.145 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX012482.D
 Acq: 18 Sep 2019 18:31

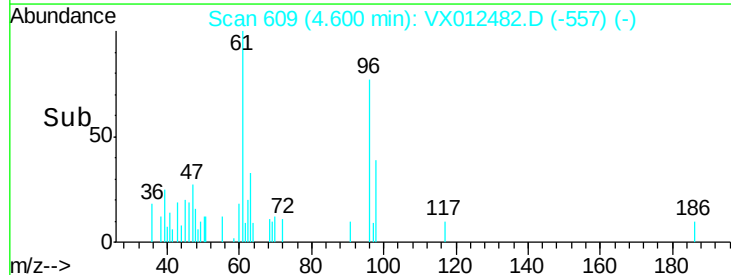
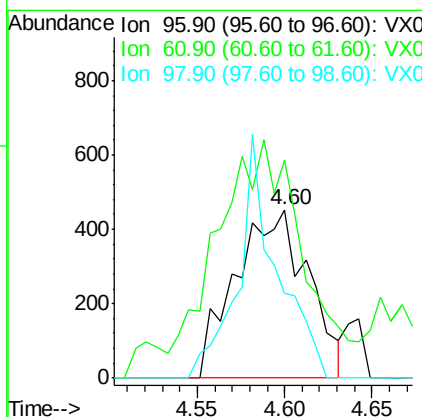
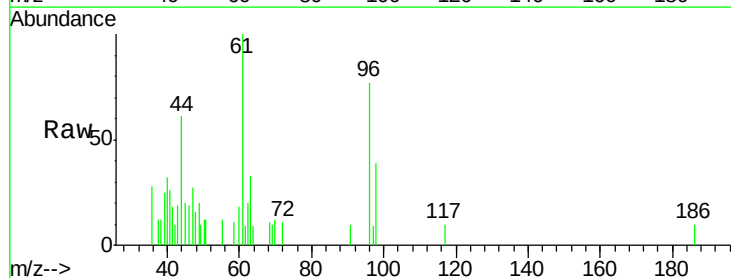
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20190910DL

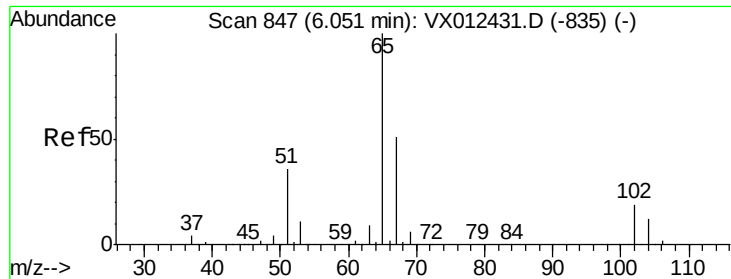
Tot Ion: 96 Resp: 1358
 Ion Ratio Lower Upper
 96 100
 61 176.8 133.8 200.6
 98 53.4 49.9 74.9



#27
 cis-1,2-Dichloroethene
 Concen: 0.716 ug/l
 RT: 4.60 min Scan# 609
 Delta R.T. 0.02 min
 Lab File: VX012482.D
 Acq: 18 Sep 2019 18:31

Tgt Ion: 96 Resp: 1316
 Ion Ratio Lower Upper
 96 100
 61 166.9 0.0 319.4
 98 75.8 0.0 130.6

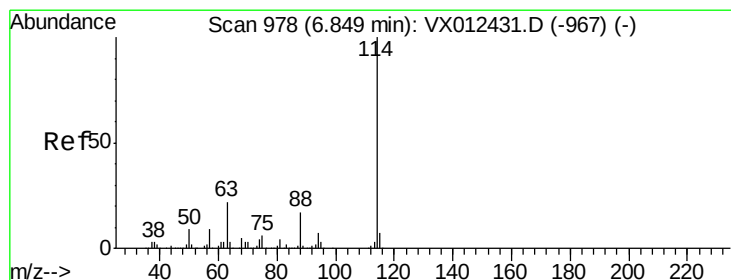
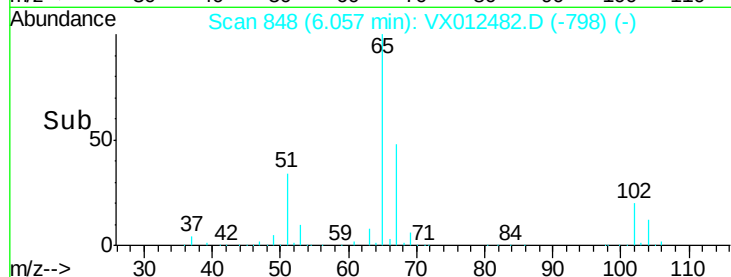
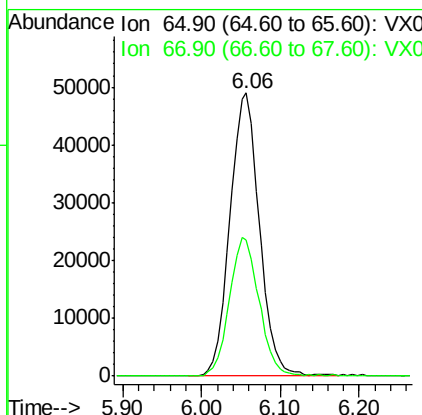
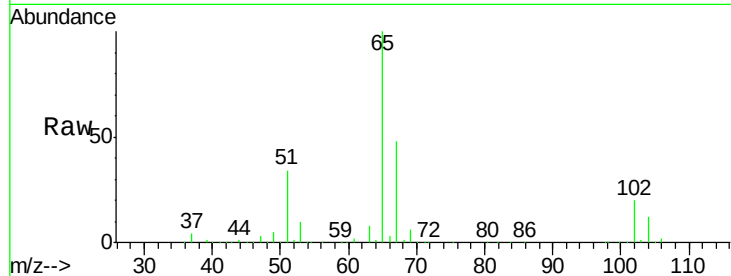




#33
 1,2-Dichloroethane-d4
 Concen: 47.095 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012482.D
 Acq: 18 Sep 2019 18:31

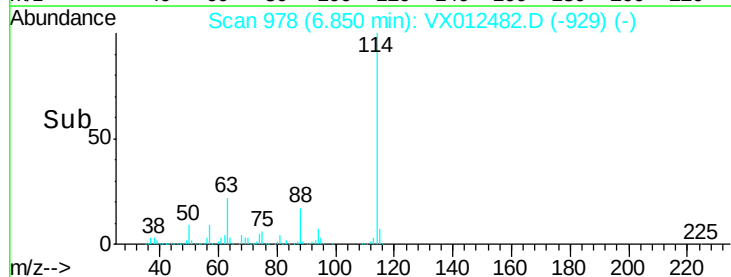
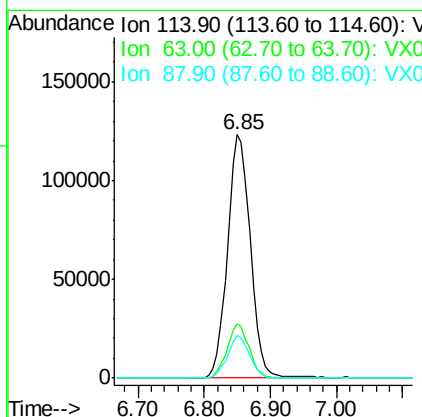
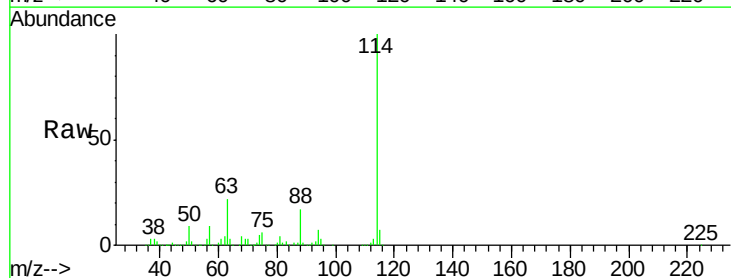
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20190910DL

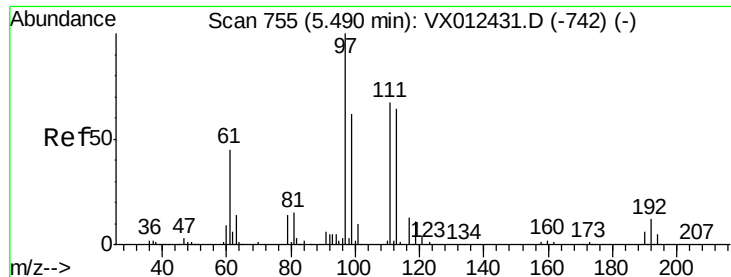
Tot Ion: 65 Resp: 127286
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012482.D
 Acq: 18 Sep 2019 18:31

Tgt Ion: 114 Resp: 295046
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.2
 88 17.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.234 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012482.D

Acq: 18 Sep 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20190910DL

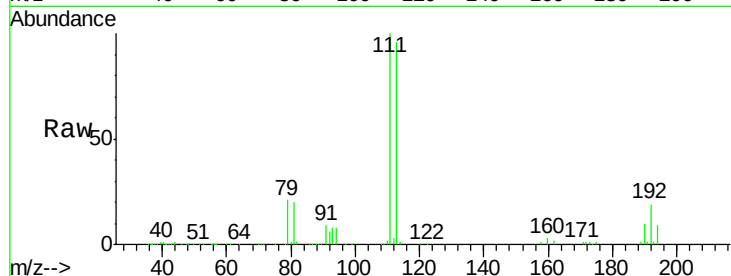
Tot Ion:113 Resp: 89707

Ion Ratio Lower Upper

113 100

111 101.5 83.4 125.2

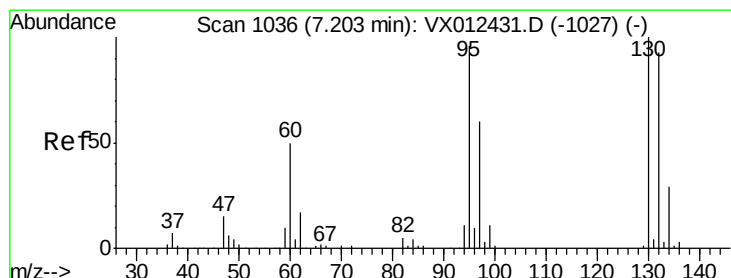
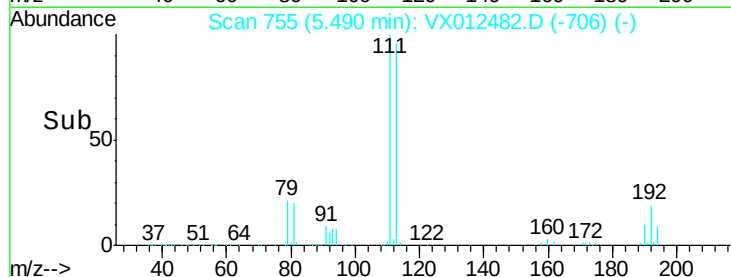
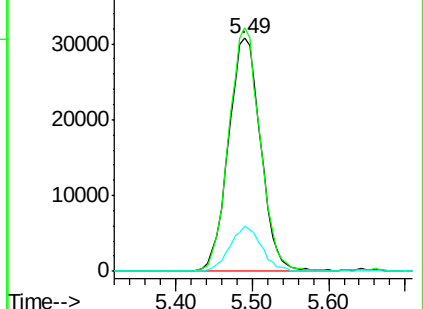
192 19.1 14.4 21.6



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: 43.818 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012482.D

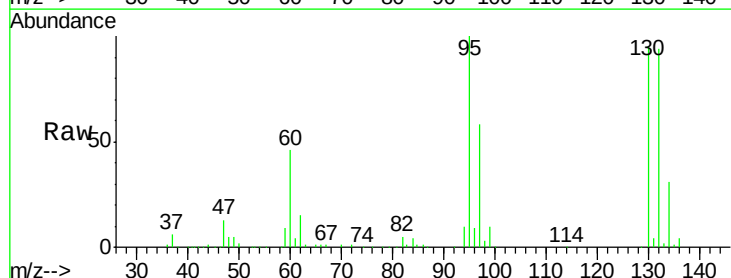
Acq: 18 Sep 2019 18:31

Tgt Ion:130 Resp: 65725

Ion Ratio Lower Upper

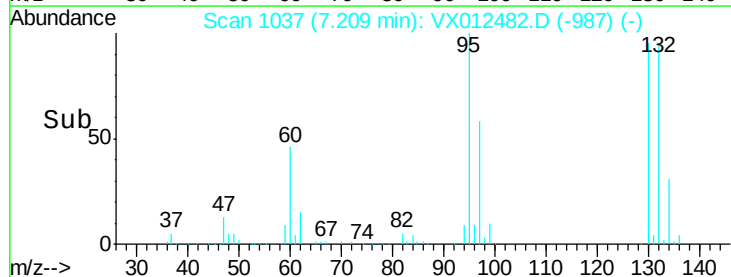
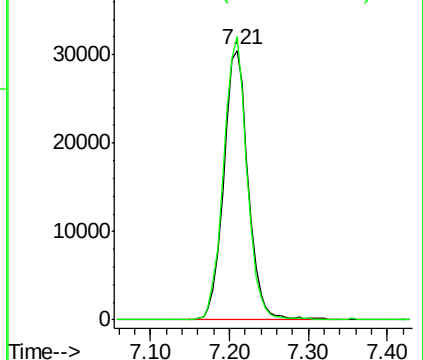
130 100

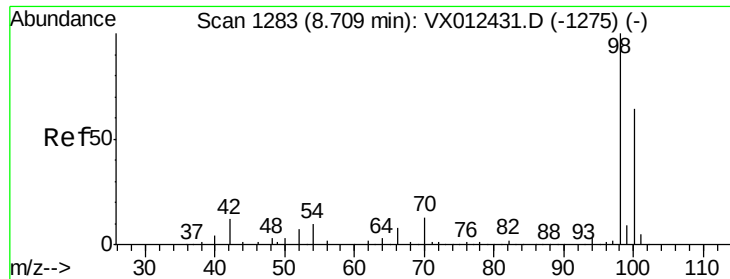
95 105.1 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.044 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012482.D

Acq: 18 Sep 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

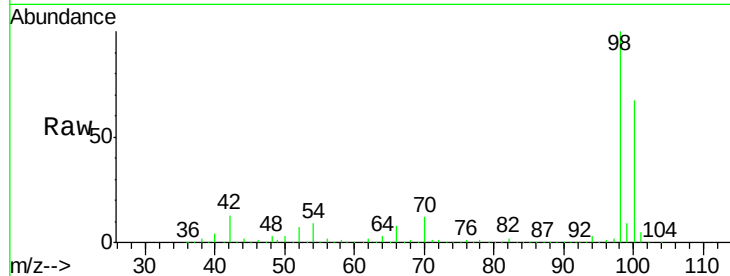
RE125D2-20190910DL

Tot Ion: 98 Resp: 337398

Ion Ratio Lower Upper

98 100

100 67.1 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

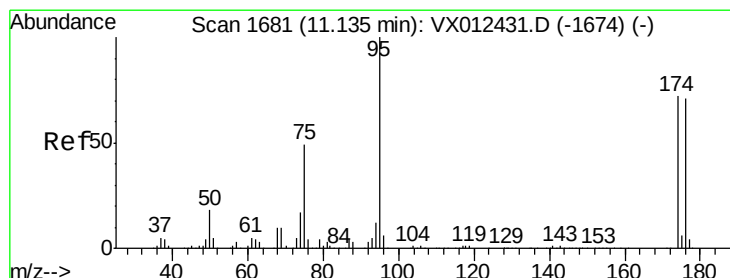
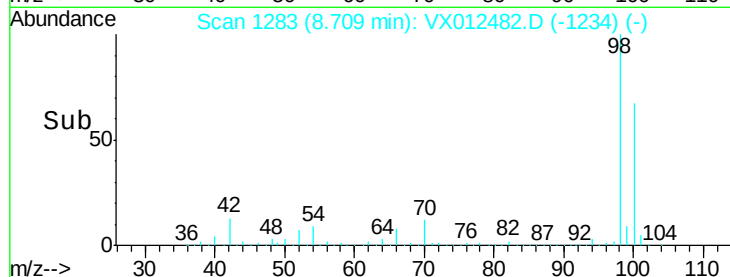
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 44.132 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012482.D

Acq: 18 Sep 2019 18:31

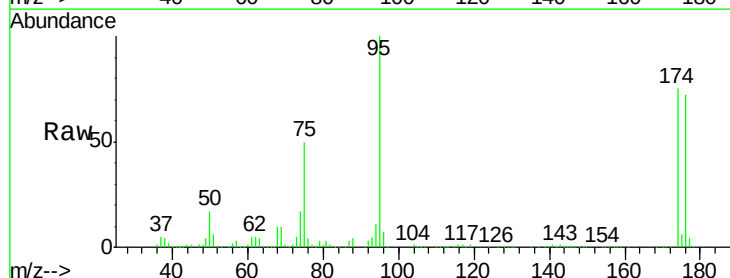
Tgt Ion: 95 Resp: 121121

Ion Ratio Lower Upper

95 100

174 71.8 0.0 140.0

176 70.3 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

11.14

120000

100000

80000

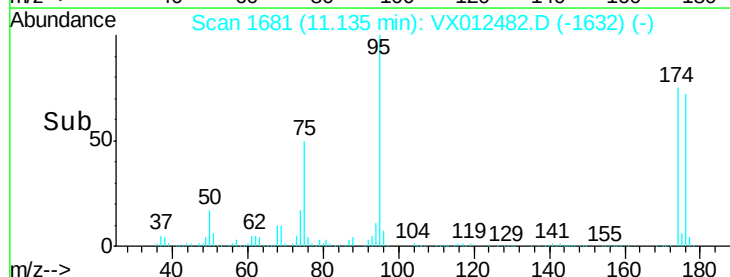
60000

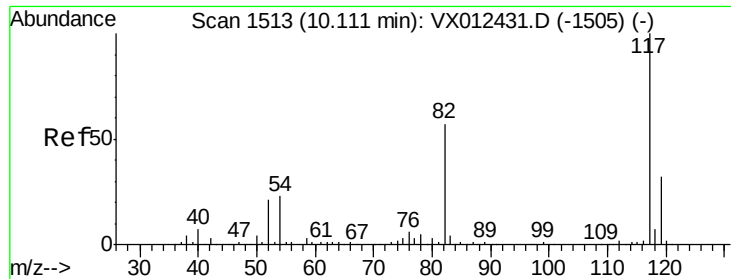
40000

20000

0

Time--> 11.10 11.20

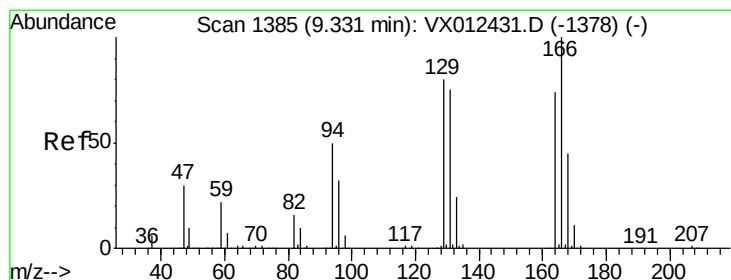
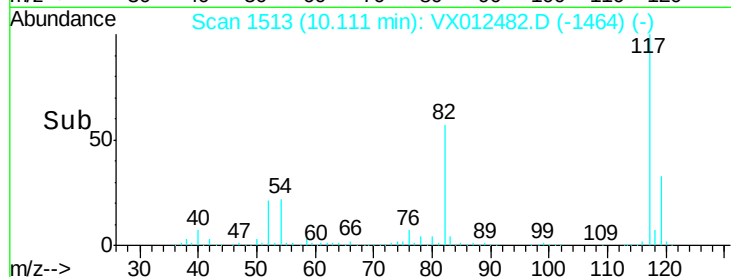
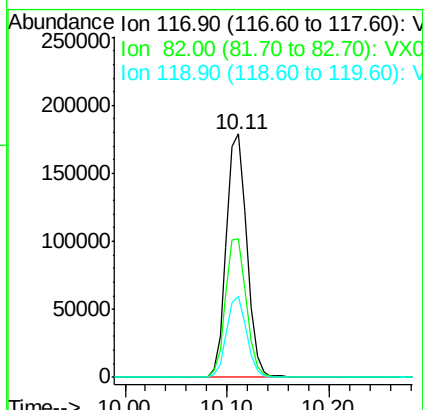
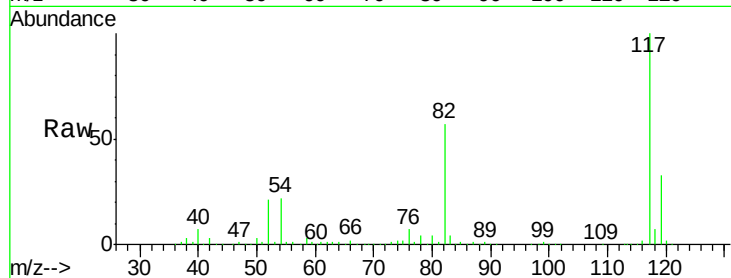




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012482.D
Acq: 18 Sep 2019 18:31

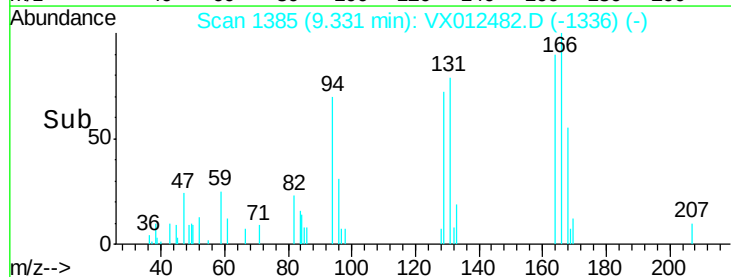
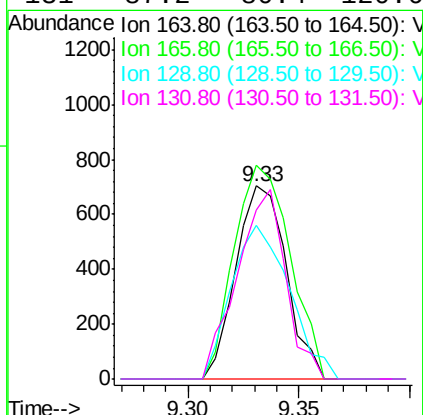
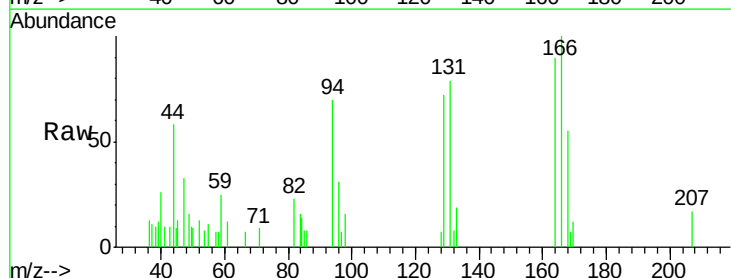
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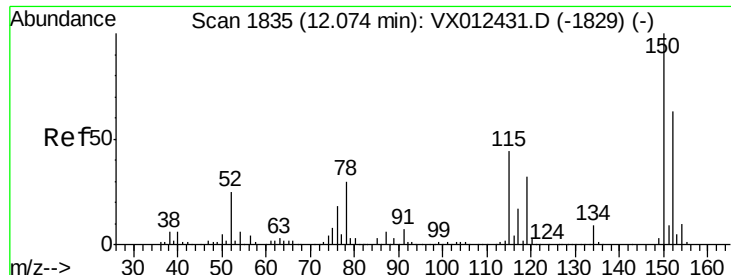
Tot Ion:117 Resp: 249185
Ion Ratio Lower Upper
117 100
82 57.1 45.9 68.9
119 33.0 25.3 37.9



#64
Tetrachloroethene
Concen: 0.974 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012482.D
Acq: 18 Sep 2019 18:31

Tgt Ion:164 Resp: 1112
Ion Ratio Lower Upper
164 100
166 110.7 107.8 161.6
129 79.5 86.2 129.2#
131 87.2 80.4 120.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012482.D

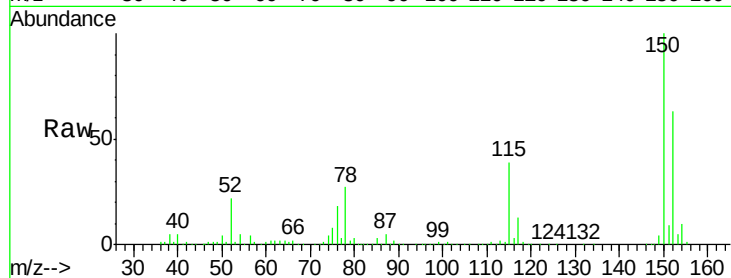
Acq: 18 Sep 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20190910DL



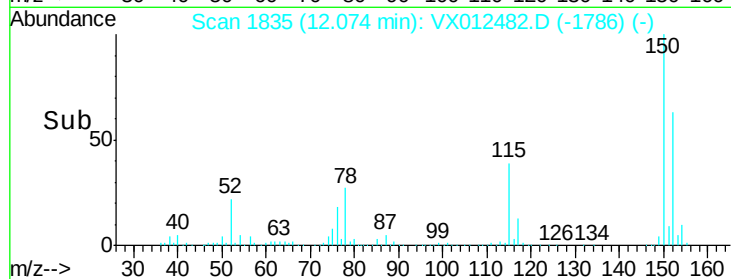
Tot Ion:152 Resp: 103812

Ion Ratio Lower Upper

152 100

115 62.5 44.1 132.3

150 158.0 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

