

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012469.D
 Acq On : 18 Sep 2019 13:27
 Operator : JC/SP
 Sample : K4858-15DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20190910DL

Quant Time: Sep 19 06:48:12 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

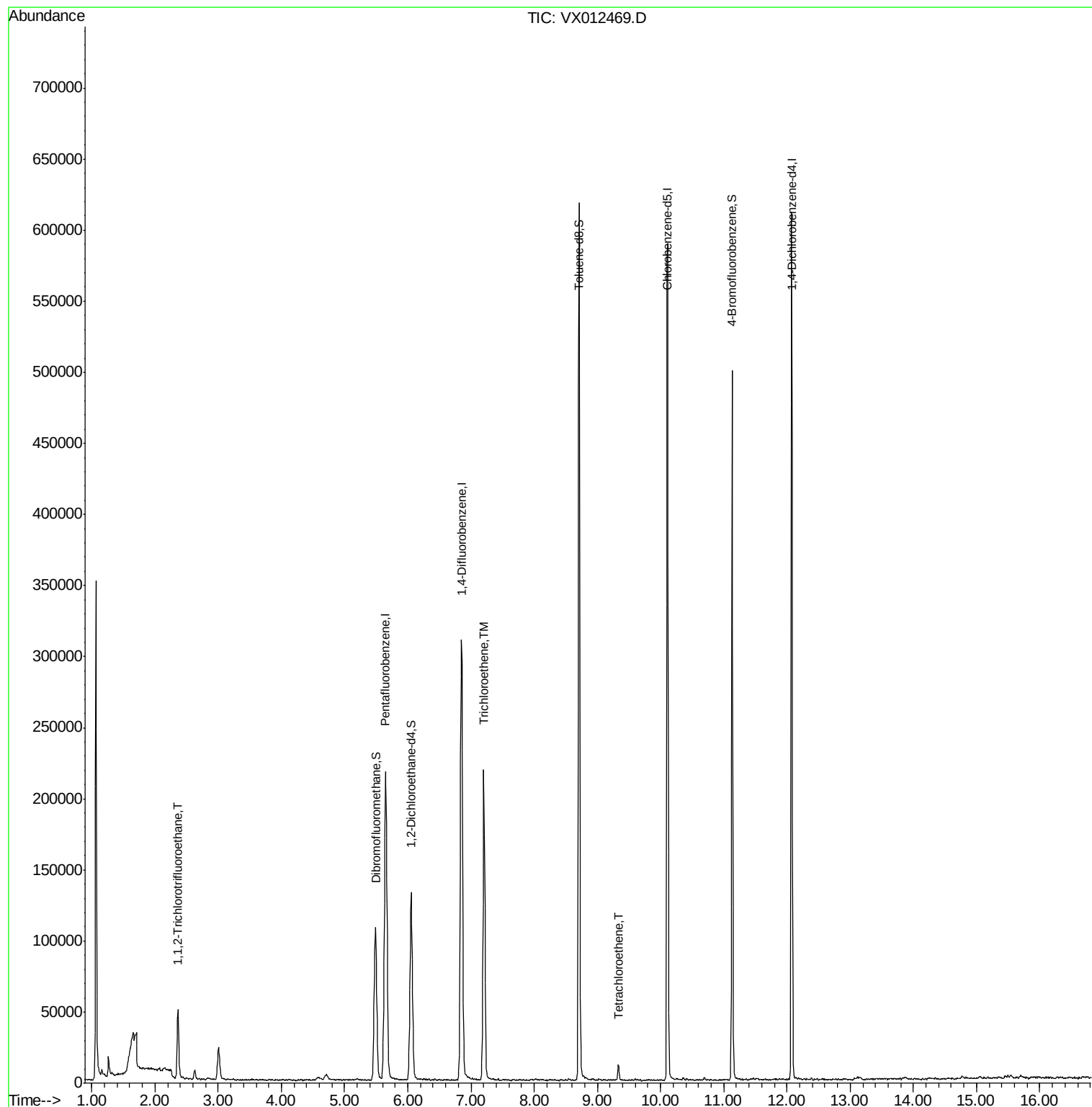
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	196794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	306321	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	117294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	130864	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
35) Dibromofluoromethane	5.49	113	90673	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
50) Toluene-d8	8.71	98	356150	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	11.14	95	135775	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.36	101	18218	11.746	ug/l	99
44) Trichloroethene	7.20	130	83120	53.375	ug/l	98
64) Tetrachloroethene	9.33	164	1946	1.599	ug/l	97

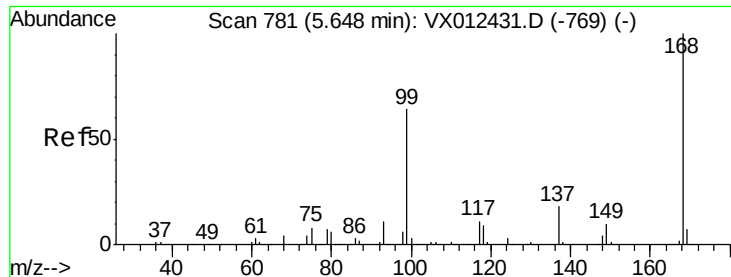
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 17 15:27:10 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012469.D

Acq: 18 Sep 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

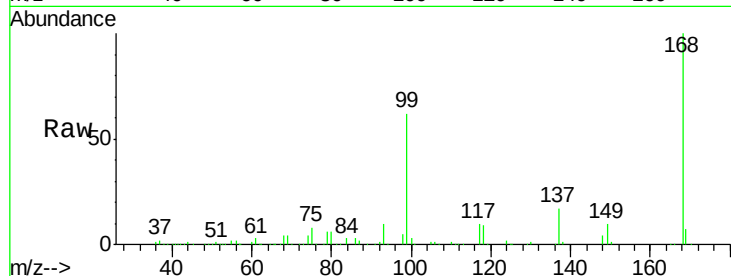
RE125D3-20190910DL

Tot Ion:168 Resp: 196794

Ion Ratio Lower Upper

168 100

99 61.6 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

80000

60000

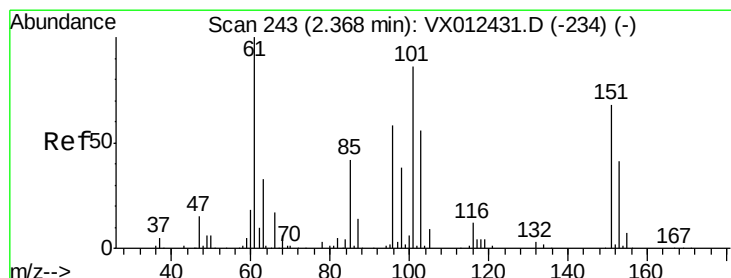
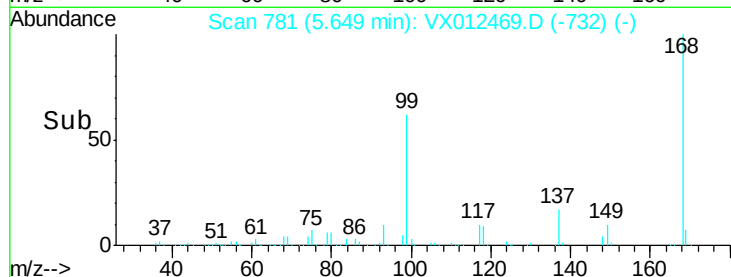
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.746 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012469.D

Acq: 18 Sep 2019 13:27

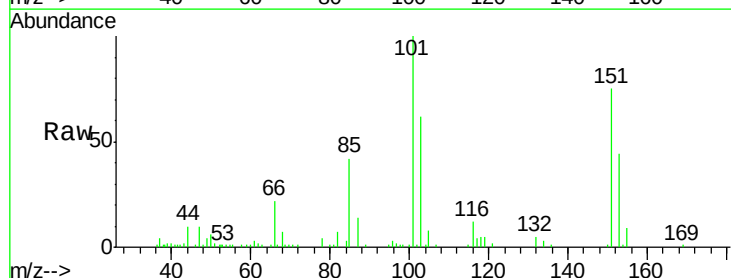
Tgt Ion:101 Resp: 18218

Ion Ratio Lower Upper

101 100

85 48.0 37.3 55.9

151 76.2 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

2.36

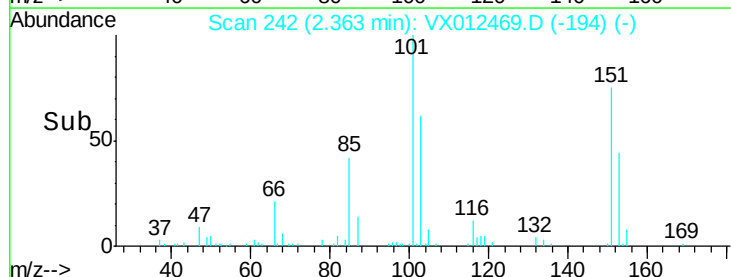
10000

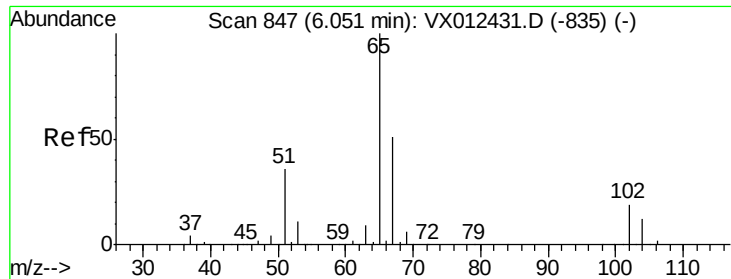
5000

0

Time-->

2.30 2.35 2.40 2.45

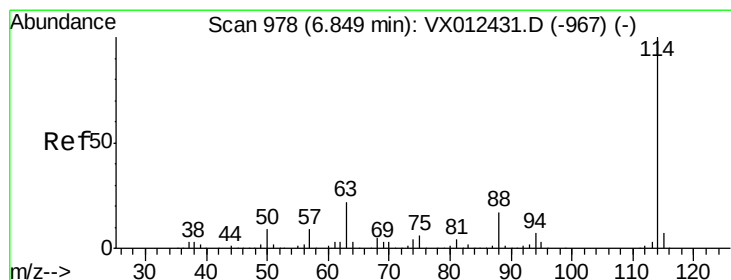
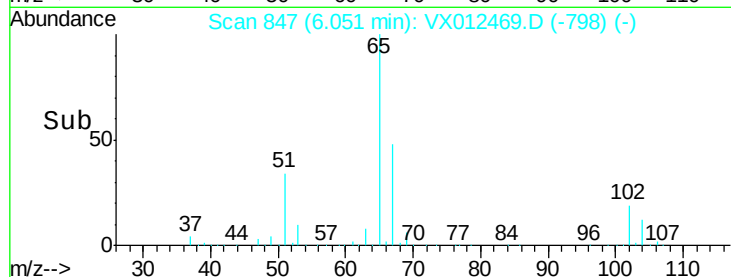
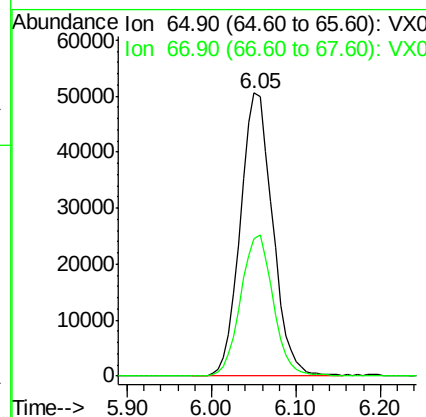
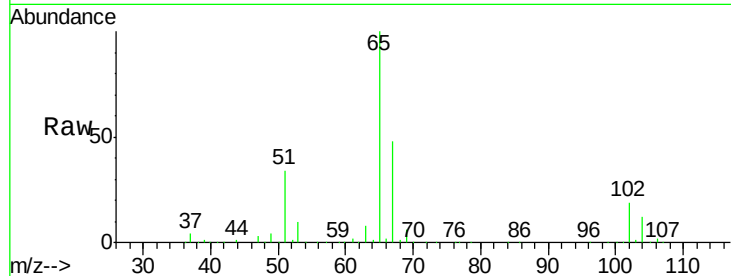




#33
 1,2-Dichloroethane-d4
 Concen: 46.398 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012469.D
 Acq: 18 Sep 2019 13:27

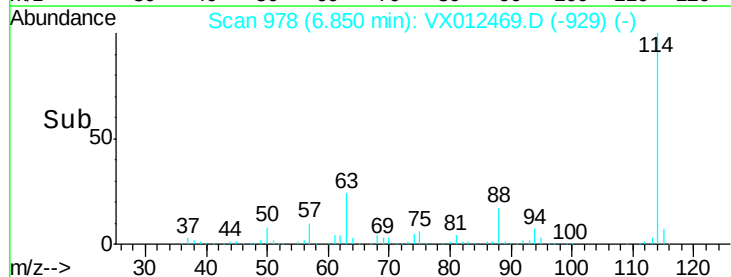
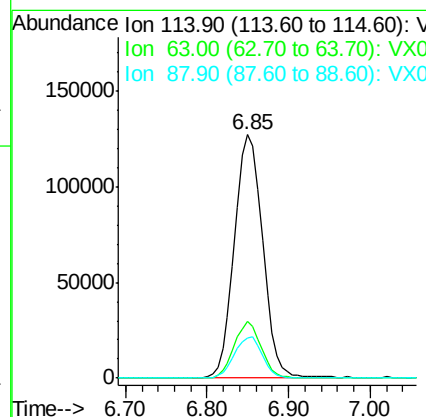
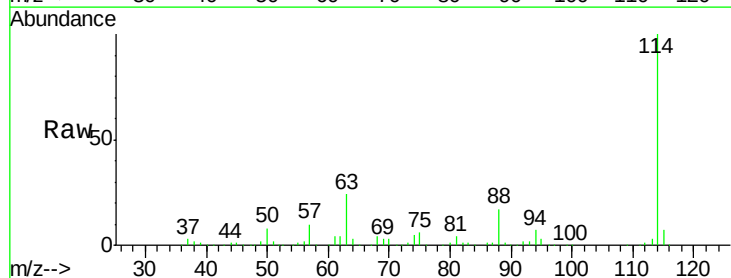
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20190910DL

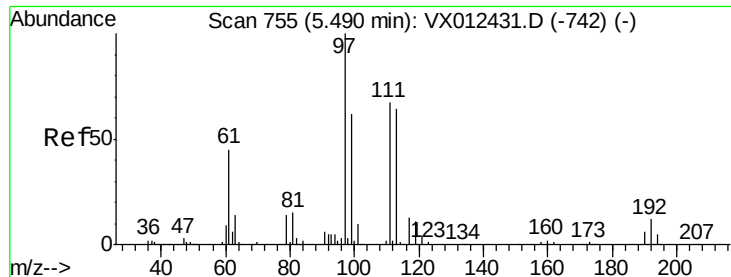
Tot Ion: 65 Resp: 130864
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012469.D
 Acq: 18 Sep 2019 13:27

Tgt Ion: 114 Resp: 306321
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 43.2
 88 16.7 0.0 33.2

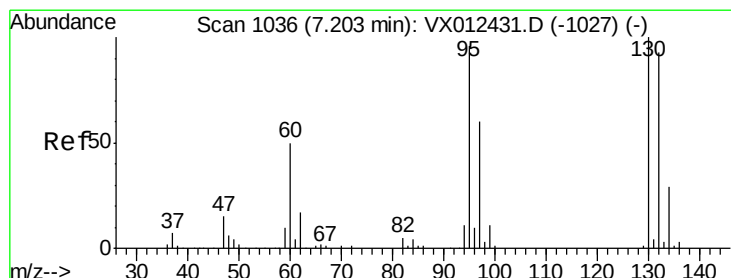
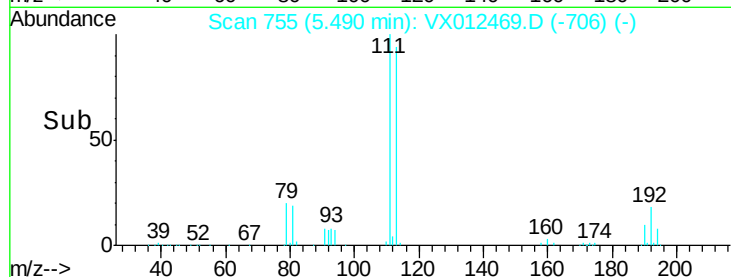
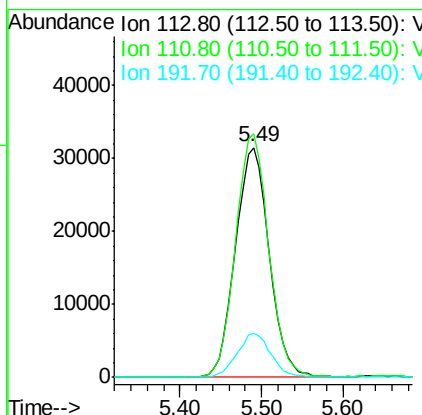
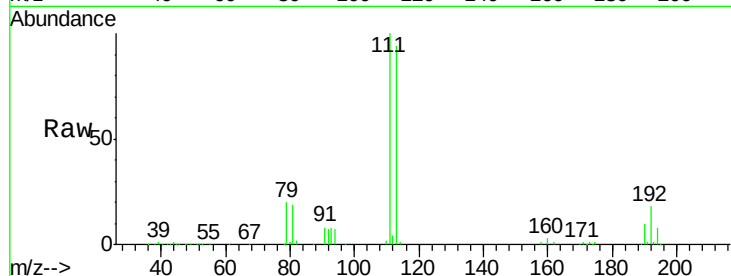




#35
Dibromofluoromethane
Concen: 48.906 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

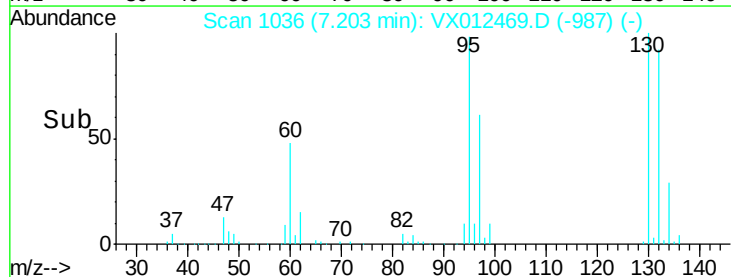
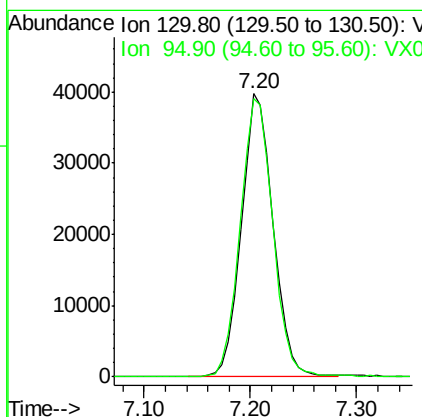
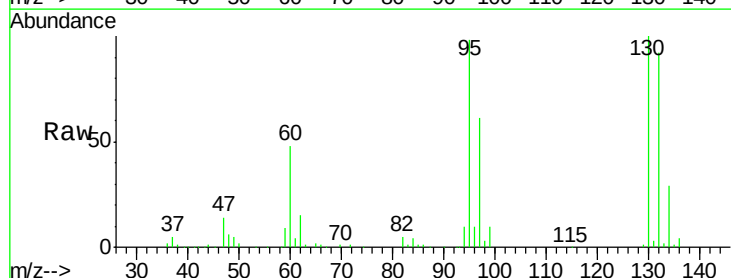
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910DL

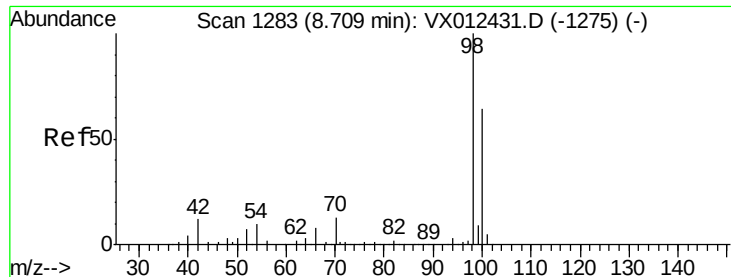
Tot Ion:113 Resp: 90673
Ion Ratio Lower Upper
113 100
111 104.0 83.4 125.2
192 19.1 14.4 21.6



#44
Trichloroethene
Concen: 53.375 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Tgt Ion:130 Resp: 83120
Ion Ratio Lower Upper
130 100
95 98.2 0.0 193.0

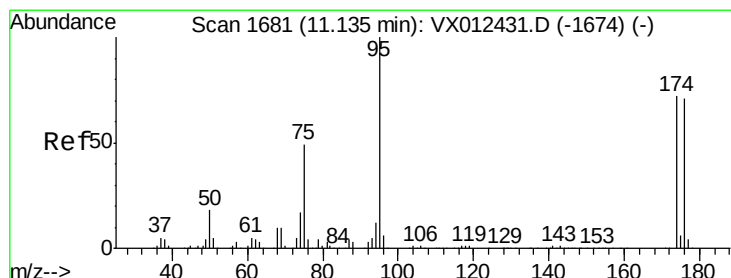
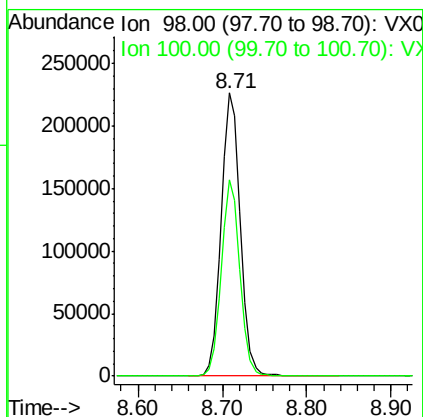
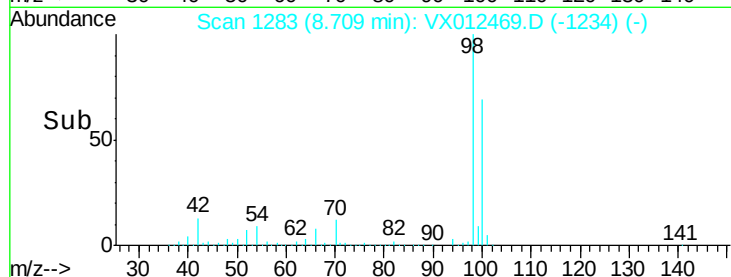
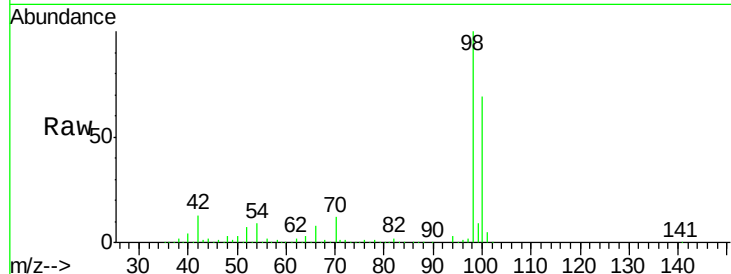




#50
Toluene-d8
Concen: 51.897 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

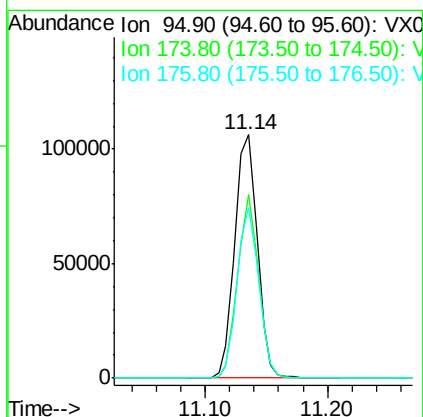
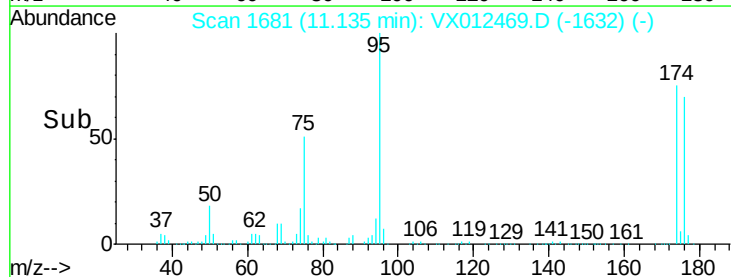
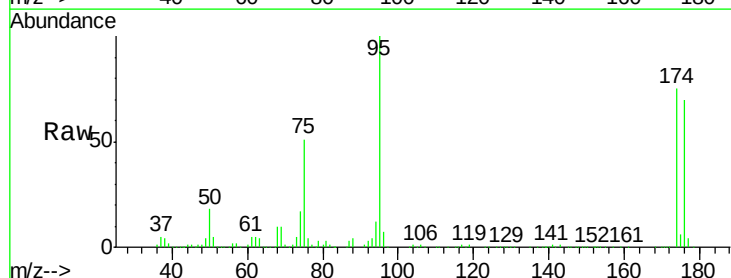
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910DL

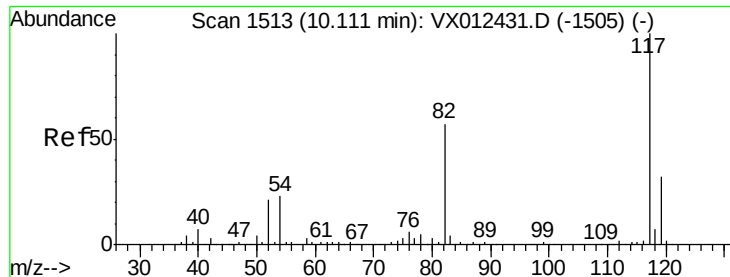
Tot Ion: 98 Resp: 356150
Ion Ratio Lower Upper
98 100
100 67.5 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 47.650 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012469.D
Acq: 18 Sep 2019 13:27

Tgt Ion: 95 Resp: 135775
Ion Ratio Lower Upper
95 100
174 69.9 0.0 140.0
176 67.5 0.0 135.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012469.D

Acq: 18 Sep 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20190910DL

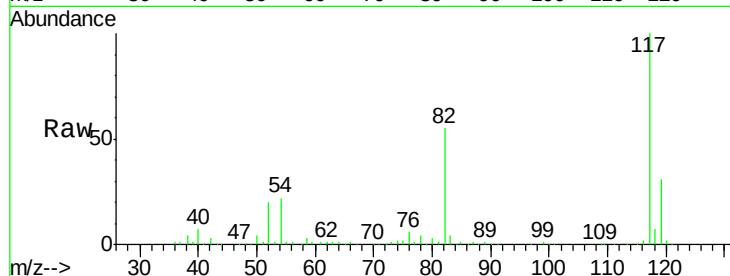
Tot Ion:117 Resp: 265665

Ion Ratio Lower Upper

117 100

82 55.3 45.9 68.9

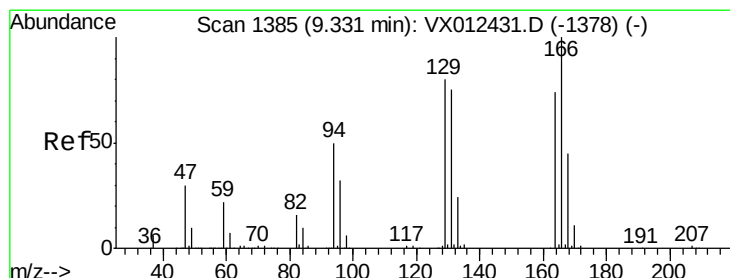
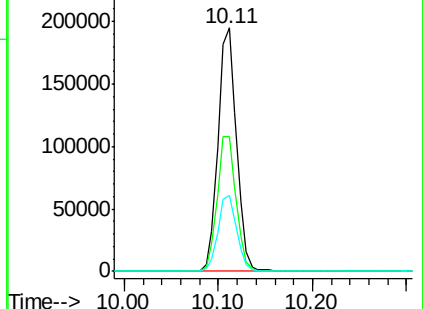
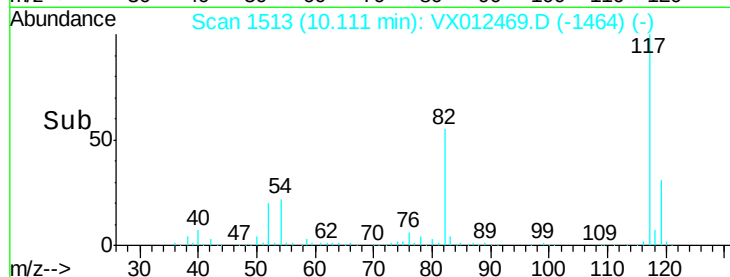
119 31.4 25.3 37.9



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: 1.599 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX012469.D

Acq: 18 Sep 2019 13:27

Tgt Ion:164 Resp: 1946

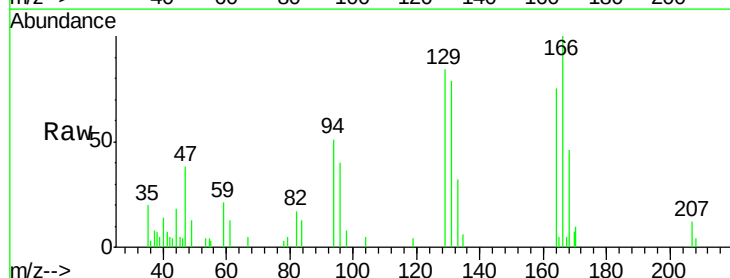
Ion Ratio Lower Upper

164 100

166 133.1 107.8 161.6

129 111.3 86.2 129.2

131 105.4 80.4 120.6

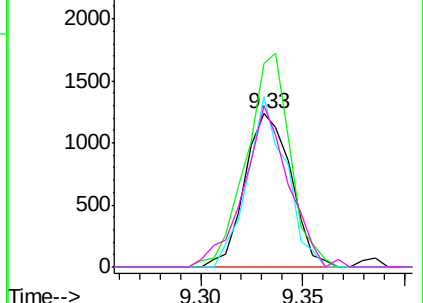
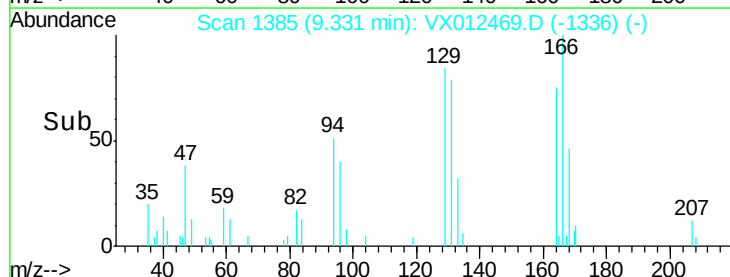


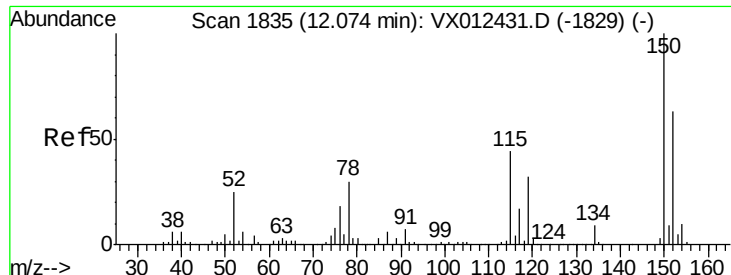
Abundance Ion 163.80 (163.50 to 164.50): V

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: VX012469.D

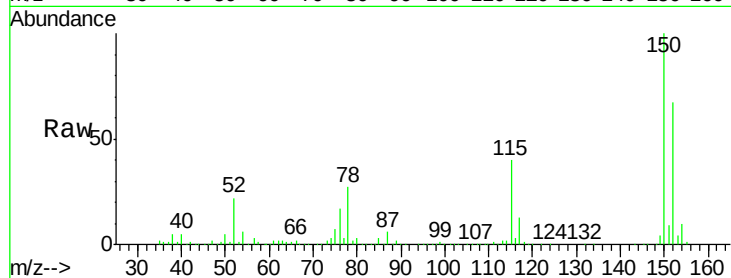
Acq: 18 Sep 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20190910DL



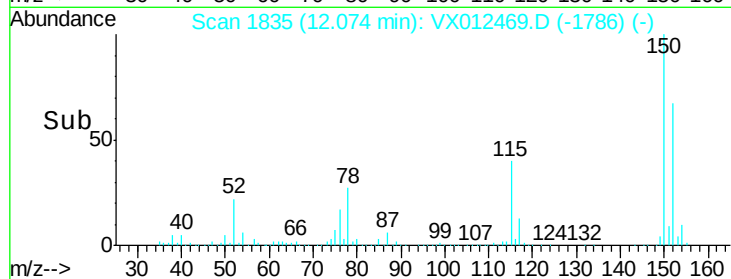
Tot Ion:152 Resp: 117294

Ion Ratio Lower Upper

152 100

115 62.4 44.1 132.3

150 155.7 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

