

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012459.D
 Acq On : 18 Sep 2019 02:07
 Operator : JC/SP
 Sample : K4858-06 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909

Quant Time: Sep 18 05:17:42 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

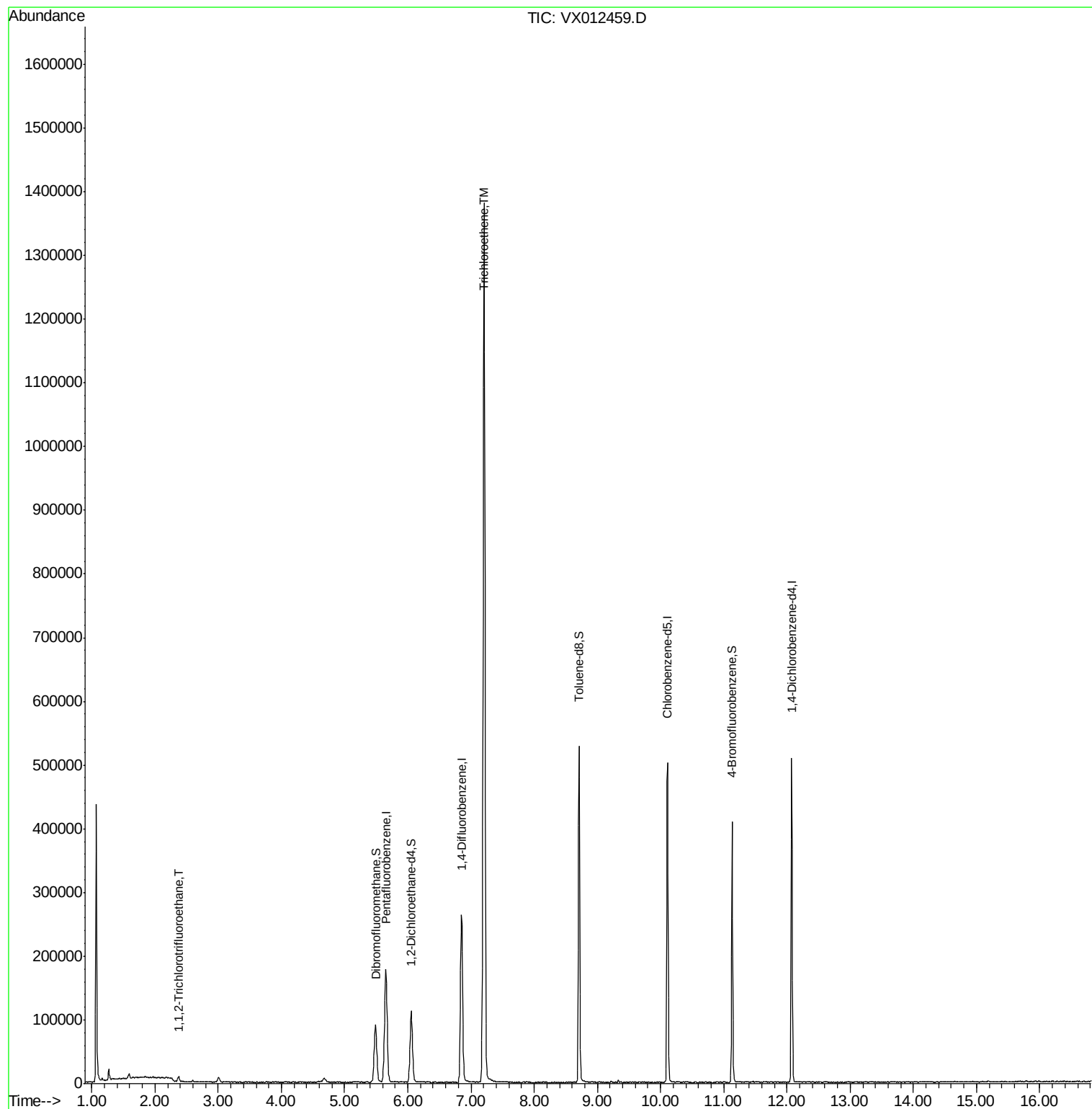
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	158350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	252305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	220035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	94771	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	109831	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
35) Dibromofluoromethane	5.49	113	77765	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
50) Toluene-d8	8.71	98	299204	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
62) 4-Bromofluorobenzene	11.14	95	112492	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2699	2.163	ug/l	90
44) Trichloroethene	7.21	130	518541	404.265	ug/l	99

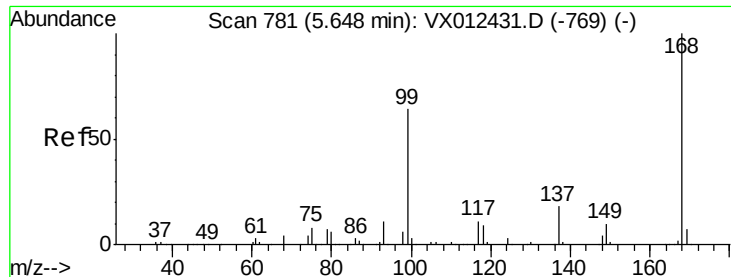
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012459.D

Acq: 18 Sep 2019 02:07

Instrument :

MSVOA_X

ClientSampleId :

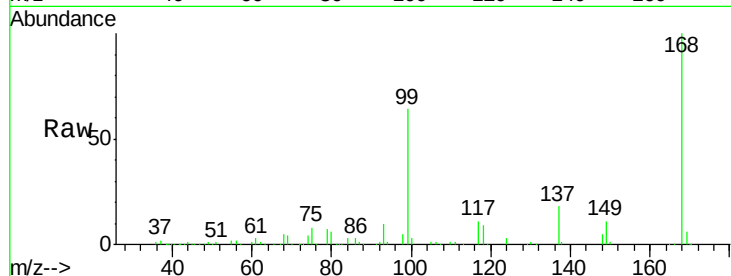
RE122D2-20190909

Tot Ion:168 Resp: 158350

Ion Ratio Lower Upper

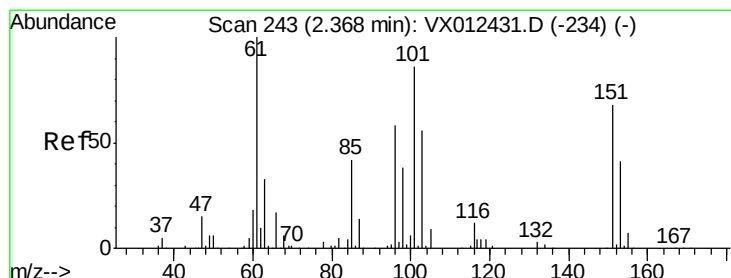
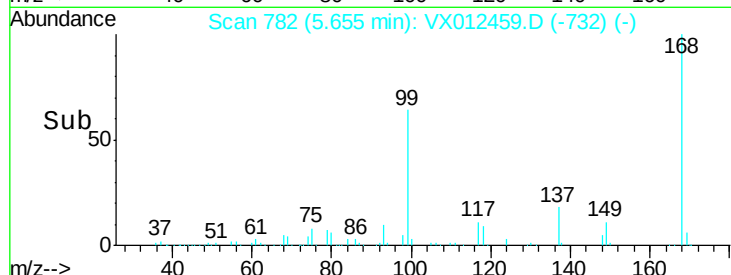
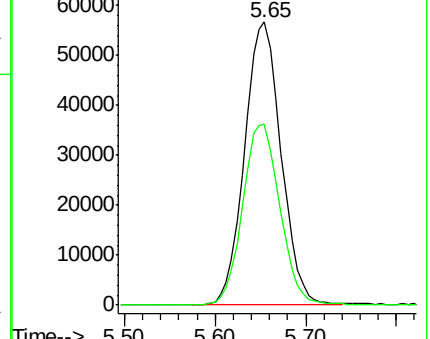
168 100

99 64.1 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.163 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012459.D

Acq: 18 Sep 2019 02:07

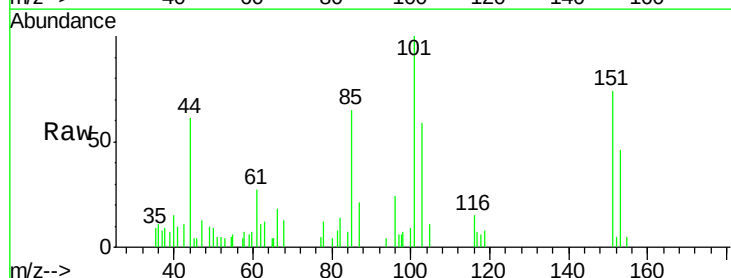
Tgt Ion:101 Resp: 2699

Ion Ratio Lower Upper

101 100

85 53.4 37.3 55.9

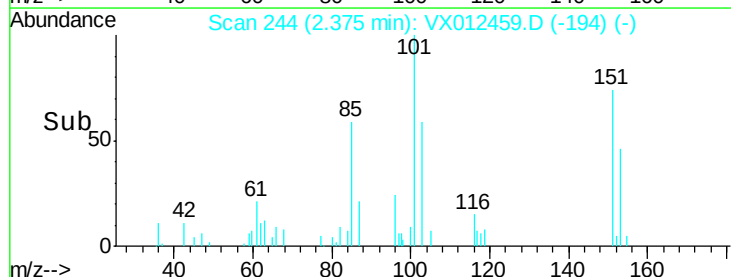
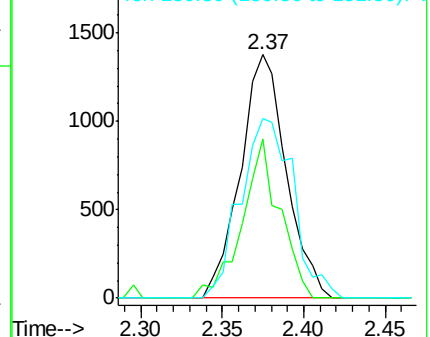
151 84.9 61.0 91.4

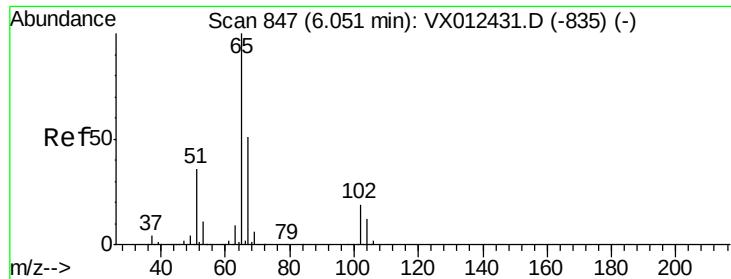


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

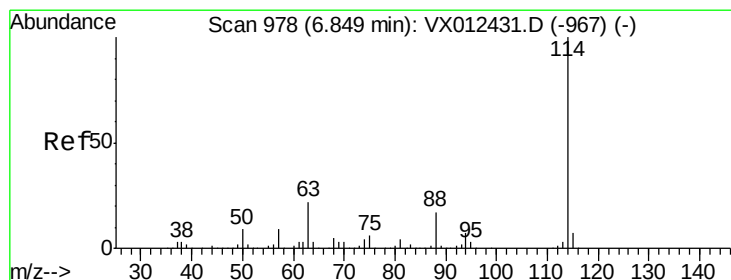
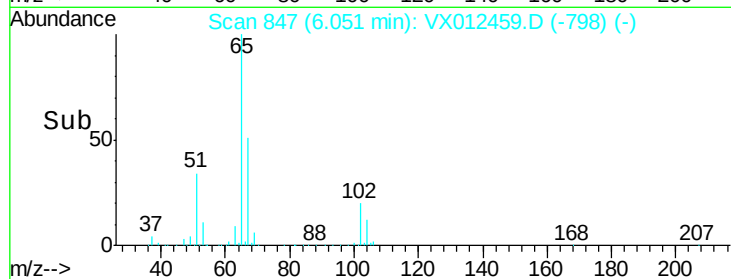
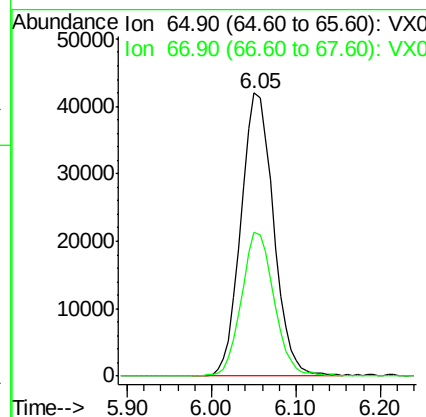
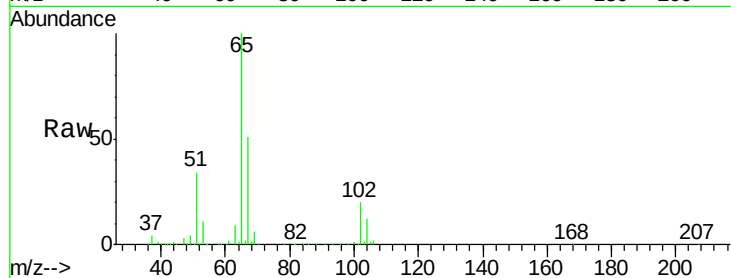




#33
 1,2-Dichloroethane-d4
 Concen: 48.395 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012459.D
 Acq: 18 Sep 2019 02:07

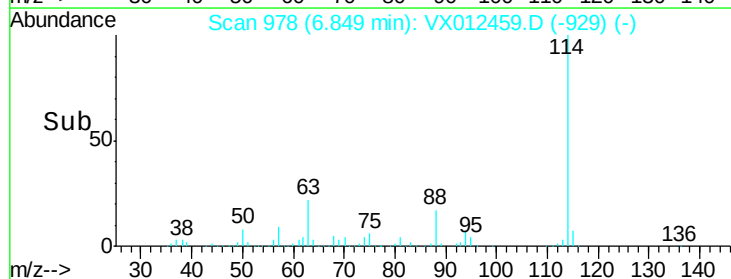
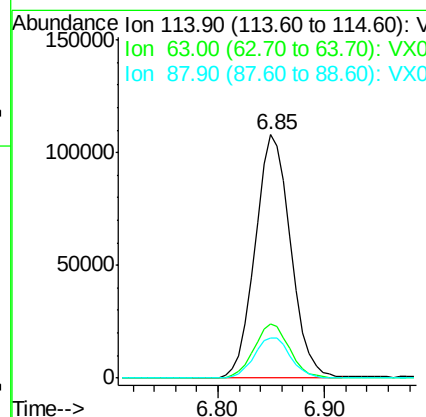
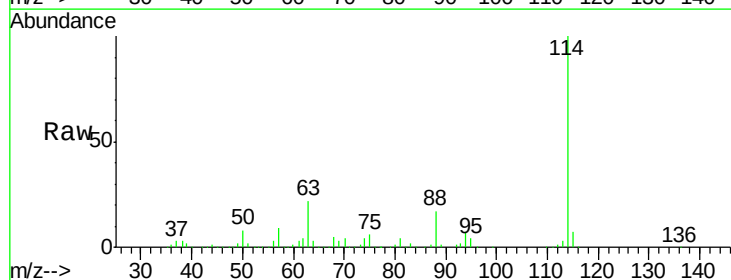
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909

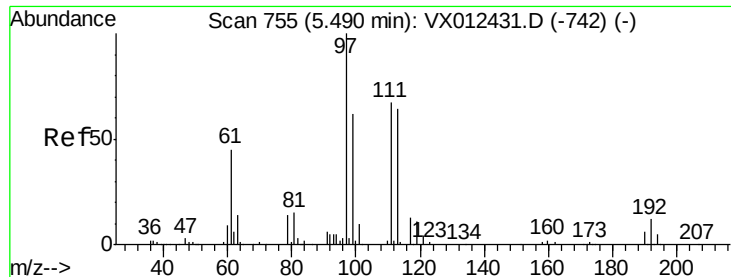
Tot Ion: 65 Resp: 109831
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012459.D
 Acq: 18 Sep 2019 02:07

Tgt Ion: 114 Resp: 252305
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.2
 88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.923 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012459.D

Acq: 18 Sep 2019 02:07

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909

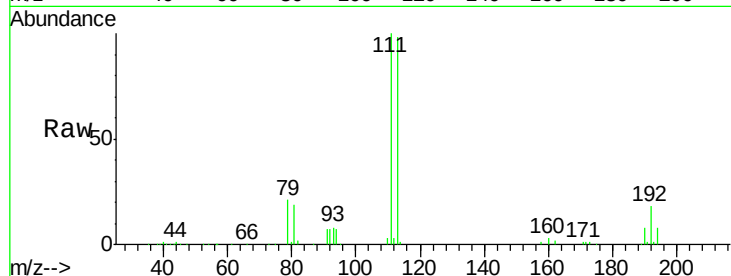
Tot Ion:113 Resp: 77765

Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

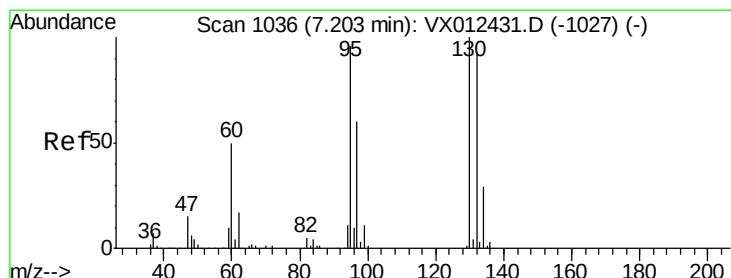
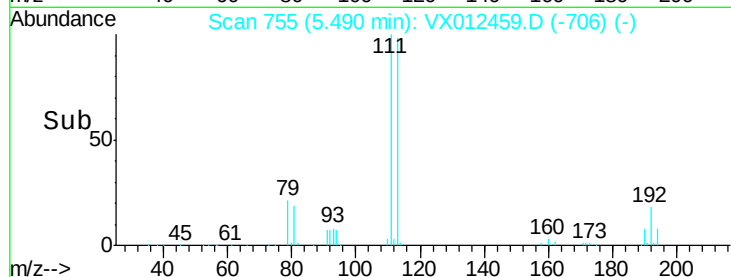
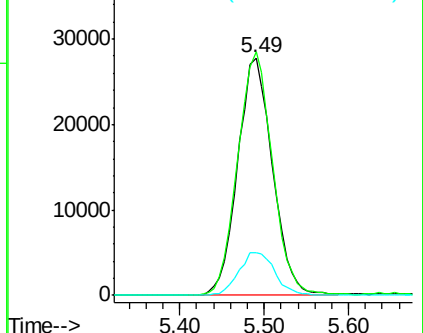
192 18.5 14.4 21.6



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: 404.265 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012459.D

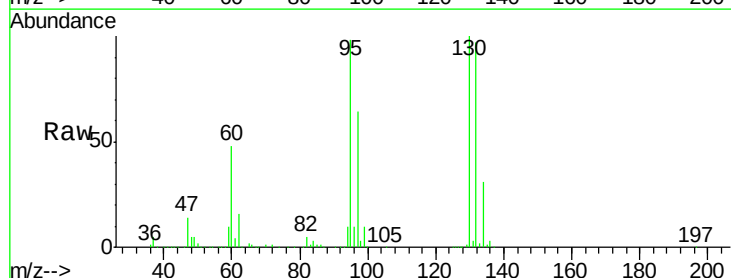
Acq: 18 Sep 2019 02:07

Tgt Ion:130 Resp: 518541

Ion Ratio Lower Upper

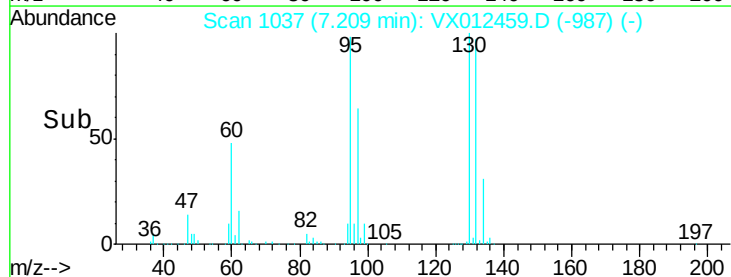
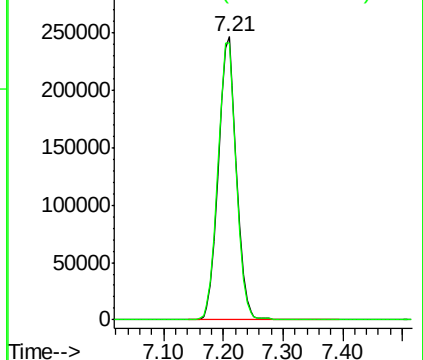
130 100

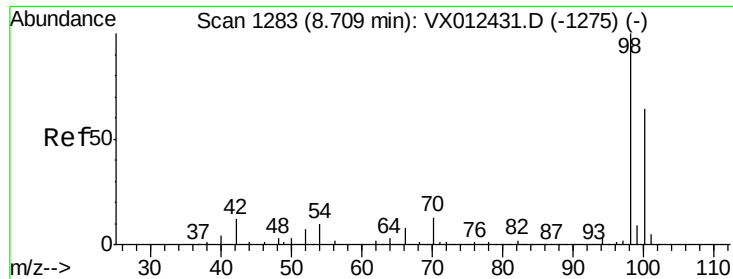
95 97.7 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 52.933 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012459.D

Acq: 18 Sep 2019 02:07

Instrument :

MSVOA_X

ClientSampleId :

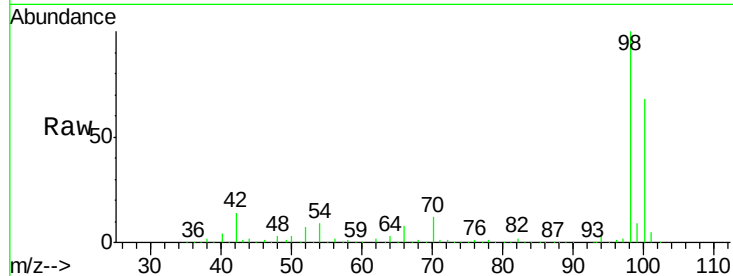
RE122D2-20190909

Tot Ion: 98 Resp: 299204

Ion Ratio Lower Upper

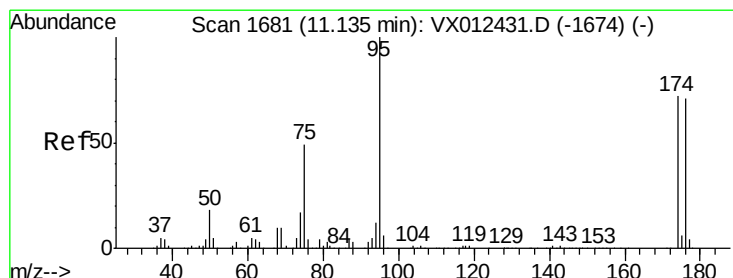
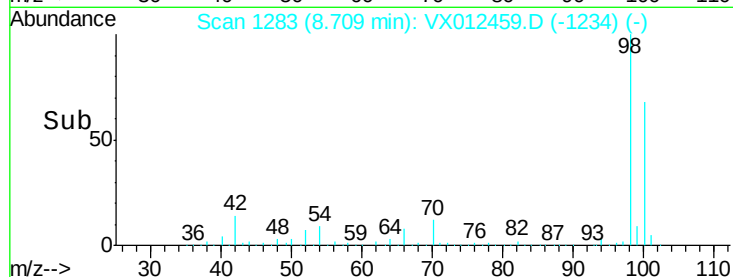
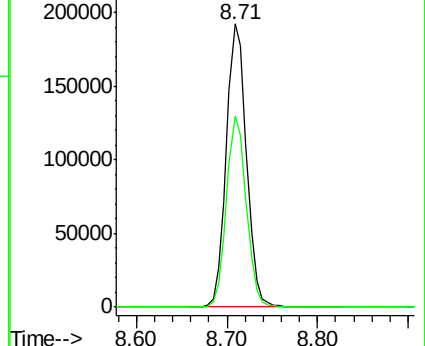
98 100

100 66.3 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 47.931 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012459.D

Acq: 18 Sep 2019 02:07

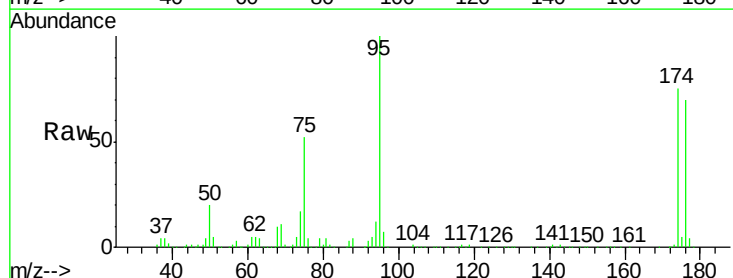
Tgt Ion: 95 Resp: 112492

Ion Ratio Lower Upper

95 100

174 70.0 0.0 140.0

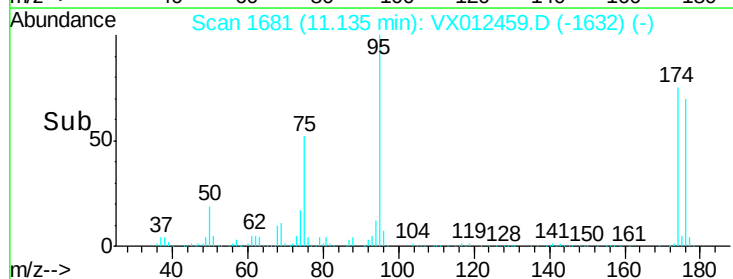
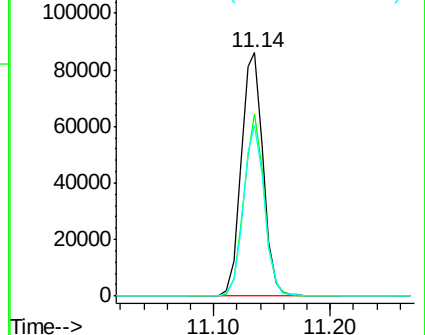
176 67.8 0.0 135.4

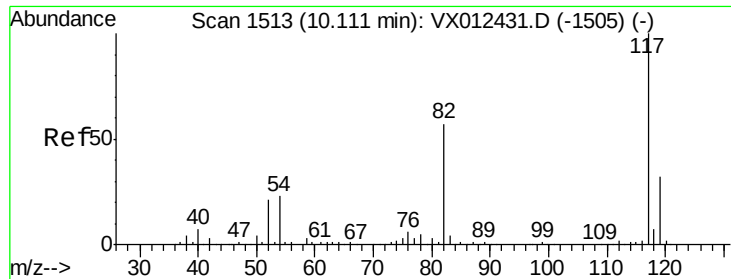


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX012459.D

Acq: 18 Sep 2019 02:07

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909

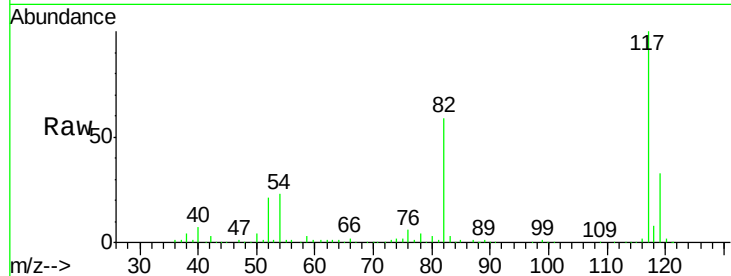
Tot Ion:117 Resp: 220035

Ion Ratio Lower Upper

117 100

82 58.7 45.9 68.9

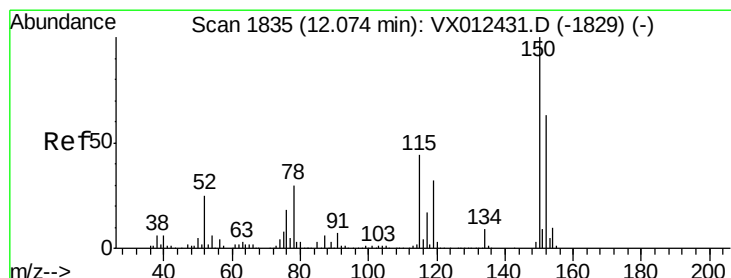
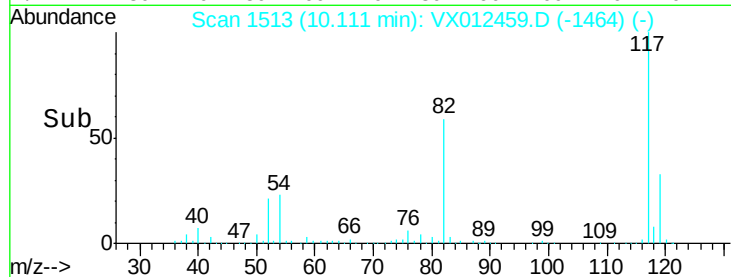
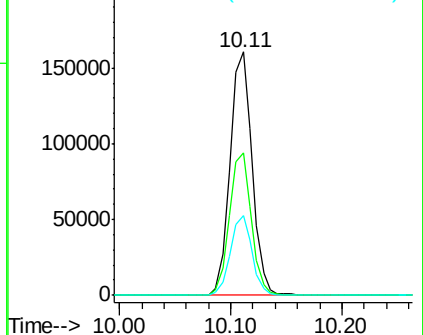
119 32.8 25.3 37.9



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012459.D

Acq: 18 Sep 2019 02:07

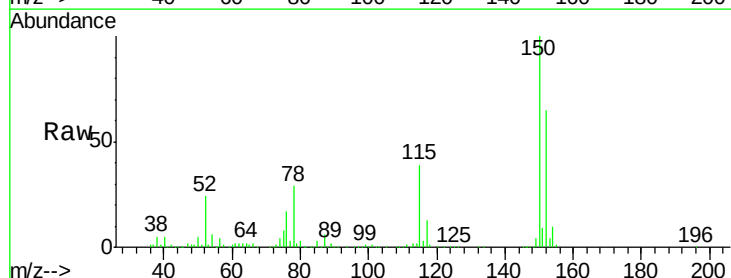
Tgt Ion:152 Resp: 94771

Ion Ratio Lower Upper

152 100

115 63.1 44.1 132.3

150 157.8 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

