

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012504.D
 Acq On : 19 Sep 2019 03:51
 Operator : JC/SP
 Sample : K4858-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20190909

Quant Time: Sep 19 09:00:21 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

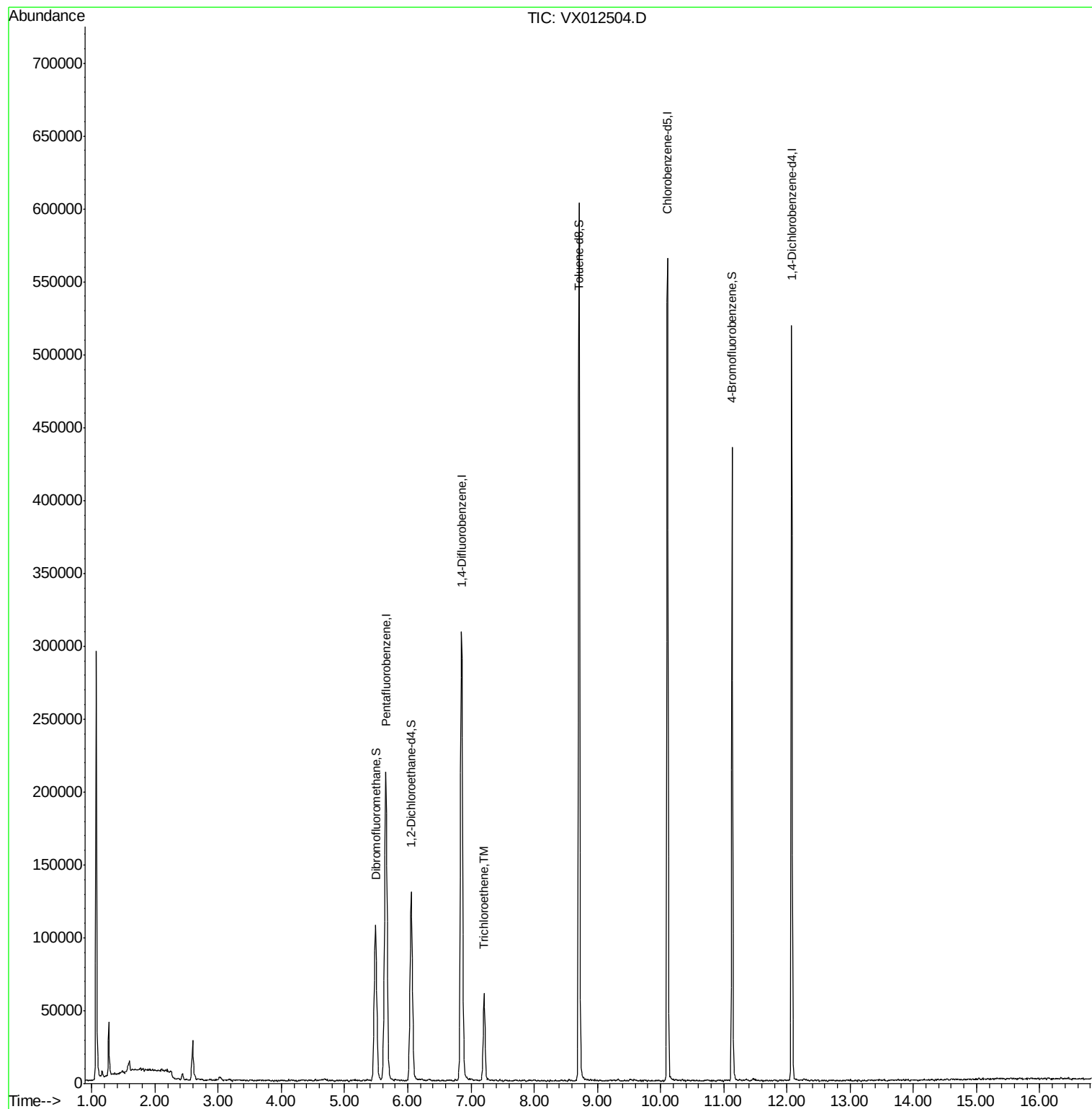
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	188629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	299919	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	96652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	126306	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
35) Dibromofluoromethane	5.49	113	88950	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
50) Toluene-d8	8.71	98	341284	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.14	95	119729	42.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.84%	
Target Compounds						
44) Trichloroethene	7.21	130	21890	14.357	ug/l	Qvalue 95

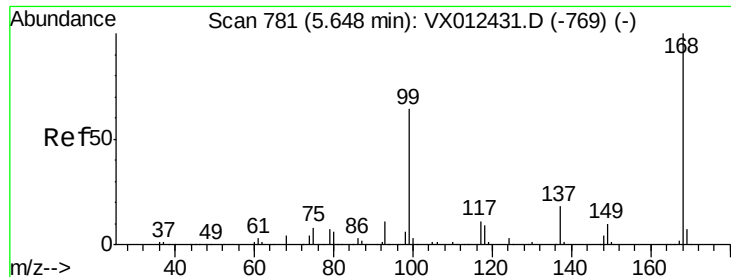
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 782

Delta R.T. 0.01 min

Lab File: VX012504.D

Acq: 19 Sep 2019 03:51

Instrument :

MSVOA_X

ClientSampleId :

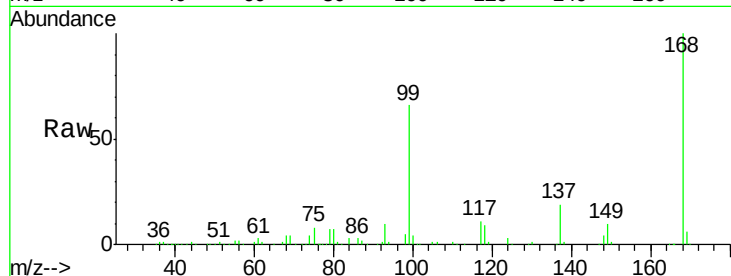
RE122D3-20190909

Tot Ion:168 Resp: 188629

Ion Ratio Lower Upper

168 100

99 65.6 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

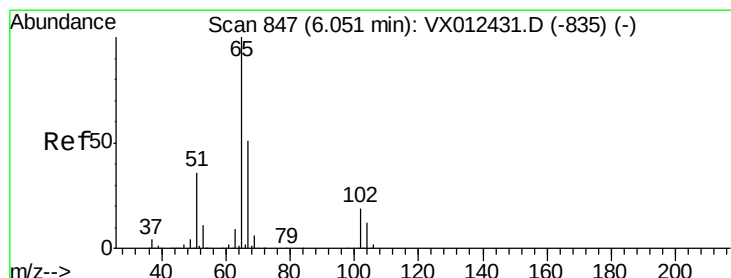
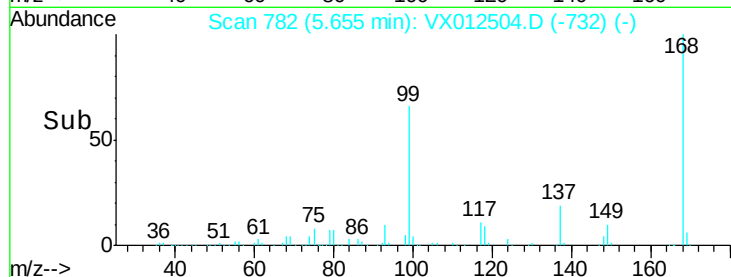
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.721 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012504.D

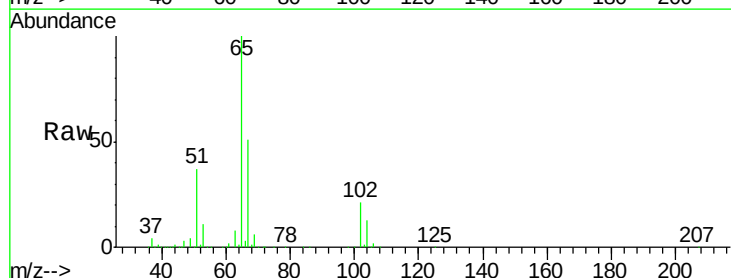
Acq: 19 Sep 2019 03:51

Tgt Ion: 65 Resp: 126306

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

50000

40000

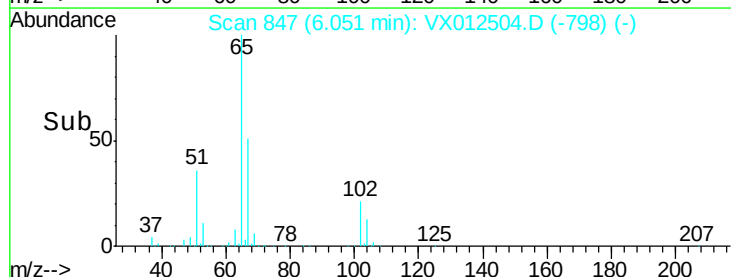
30000

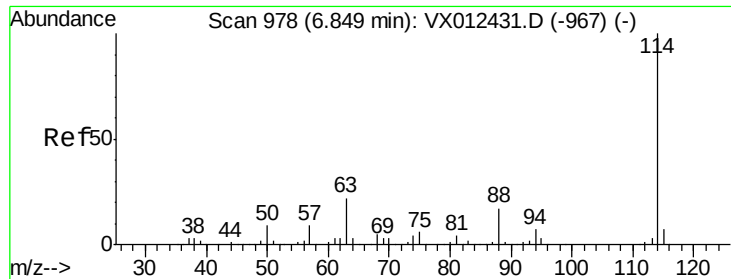
20000

10000

0

Time--> 6.00 6.10 6.20

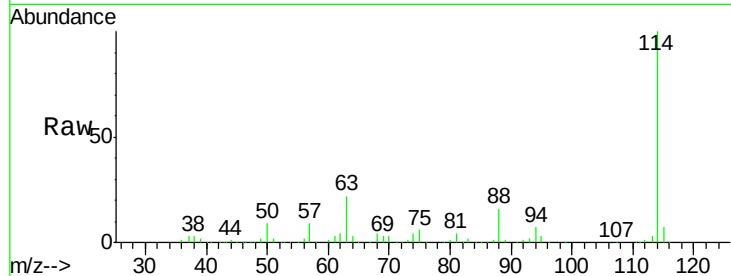




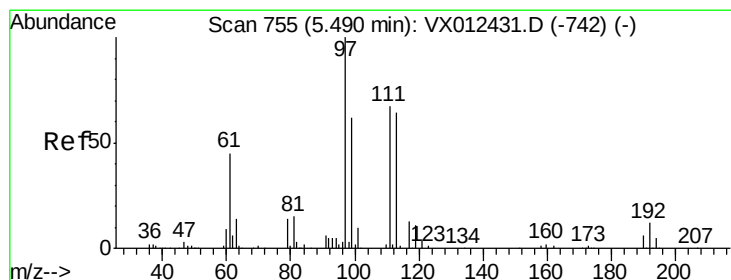
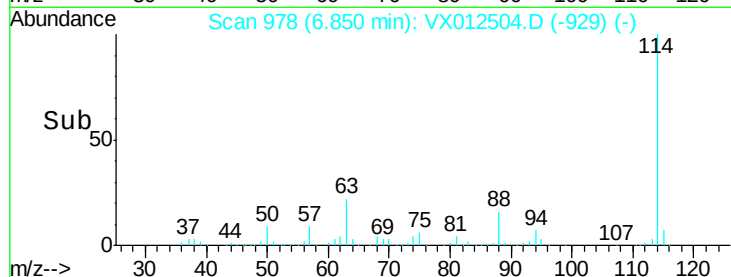
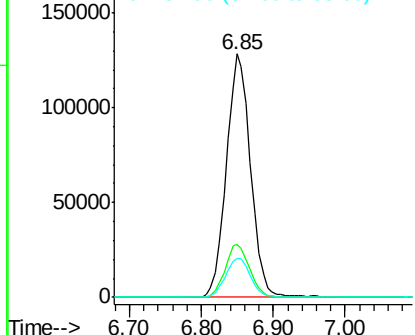
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012504.D
 Acq: 19 Sep 2019 03:51

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20190909

Tot Ion:114 Resp: 299919
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 16.1 0.0 33.2

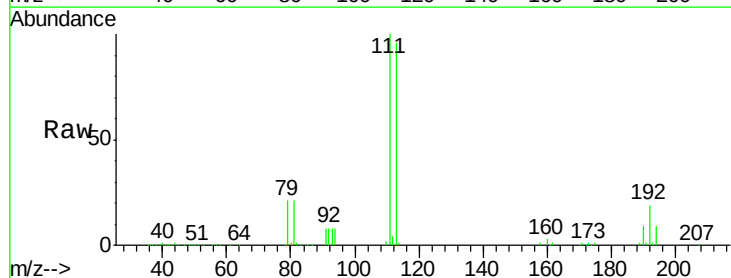


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

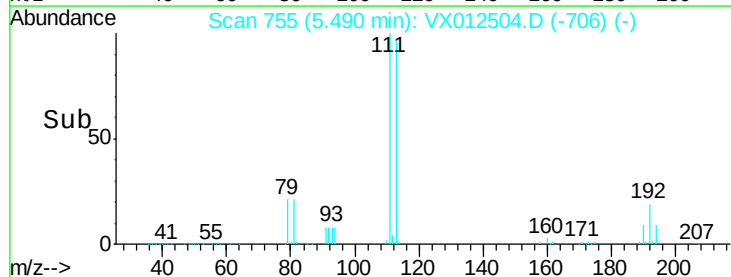
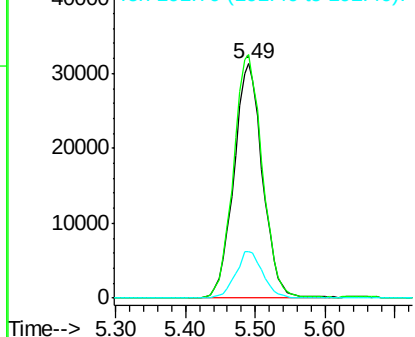


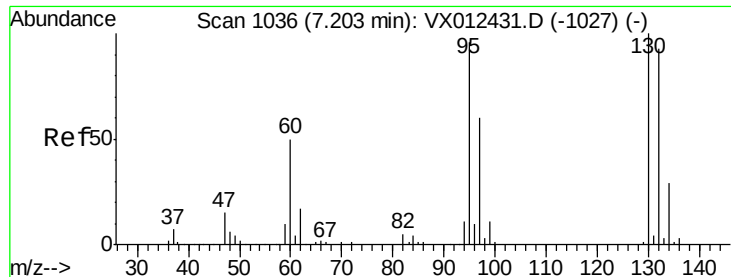
#35
 Dibromofluoromethane
 Concen: 49.001 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012504.D
 Acq: 19 Sep 2019 03:51

Tgt Ion:113 Resp: 88950
 Ion Ratio Lower Upper
 113 100
 111 104.6 83.4 125.2
 192 18.8 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: 14.357 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012504.D

Acq: 19 Sep 2019 03:51

Instrument :

MSVOA_X

ClientSampleId :

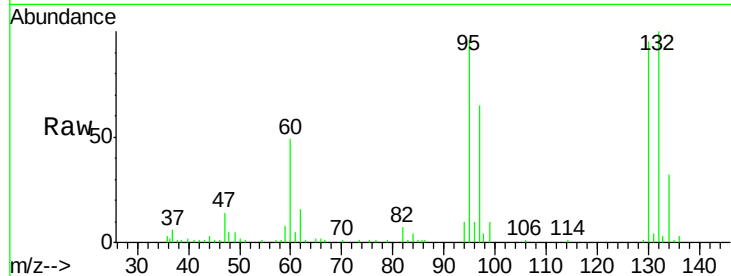
RE122D3-20190909

Tot Ion:130 Resp: 21890

Ion Ratio Lower Upper

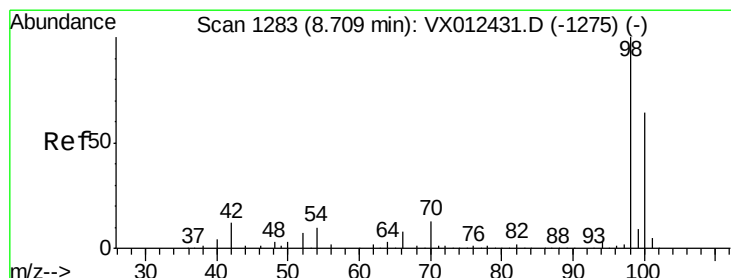
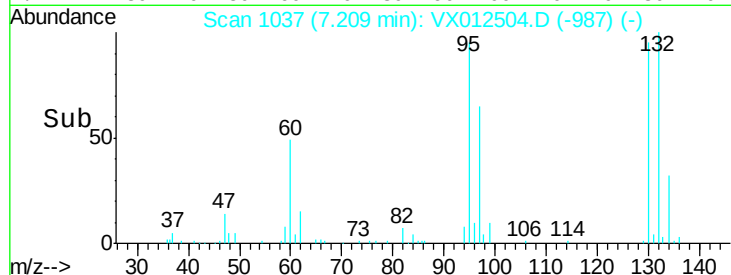
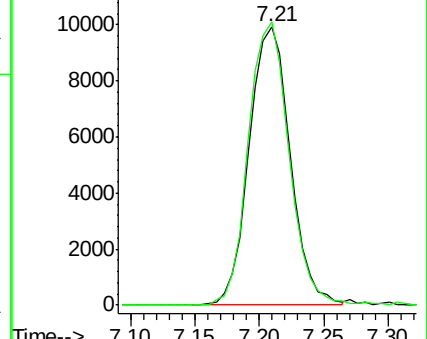
130 100

95 101.5 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: 50.793 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012504.D

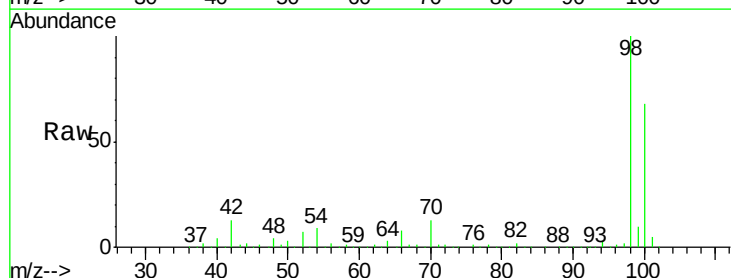
Acq: 19 Sep 2019 03:51

Tgt Ion: 98 Resp: 341284

Ion Ratio Lower Upper

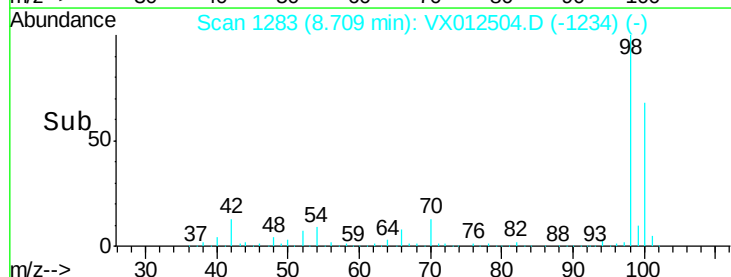
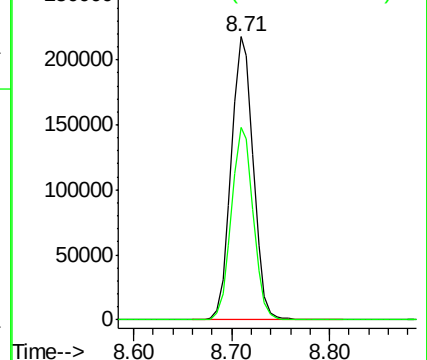
98 100

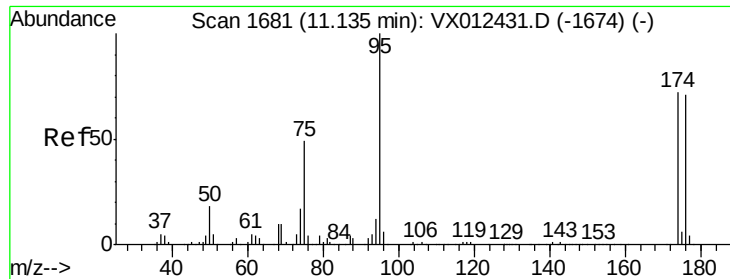
100 67.4 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 42.916 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012504.D

Acq: 19 Sep 2019 03:51

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20190909

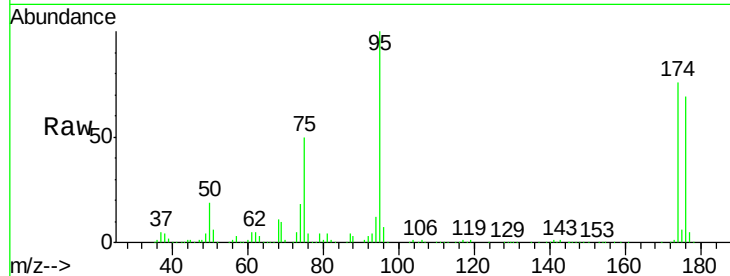
Tot Ion: 95 Resp: 119729

Ion Ratio Lower Upper

95 100

174 70.8 0.0 140.0

176 67.3 0.0 135.4

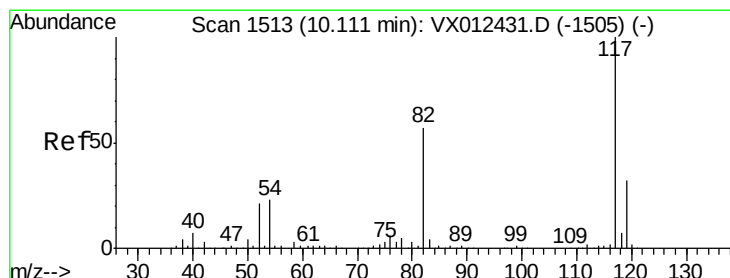
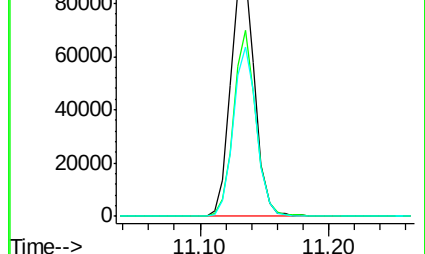
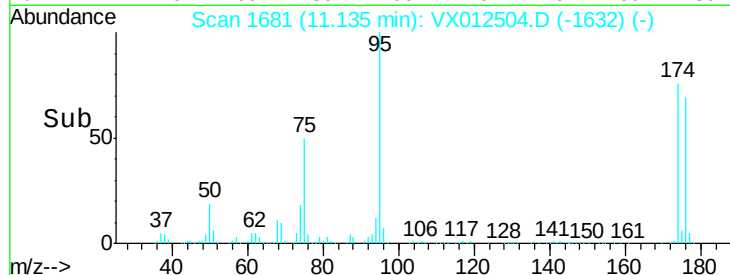


Abundance Ion 94.90 (94.60 to 95.60): VX012504.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012504.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012504.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: VX012504.D

Acq: 19 Sep 2019 03:51

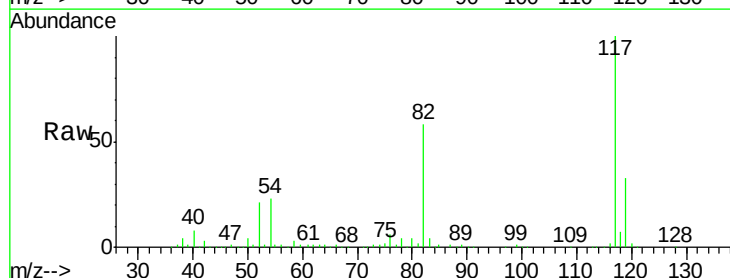
Tgt Ion: 117 Resp: 247785

Ion Ratio Lower Upper

117 100

82 57.8 45.9 68.9

119 32.6 25.3 37.9

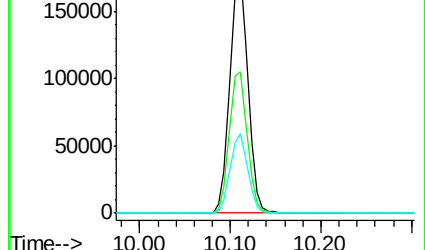
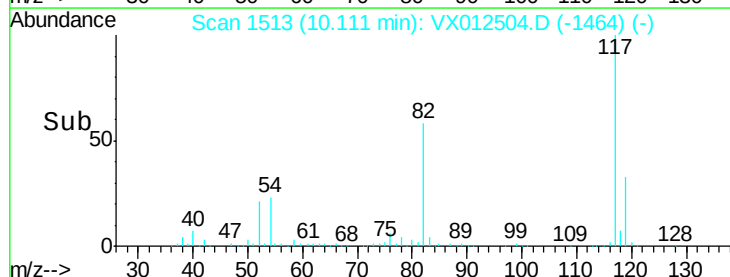


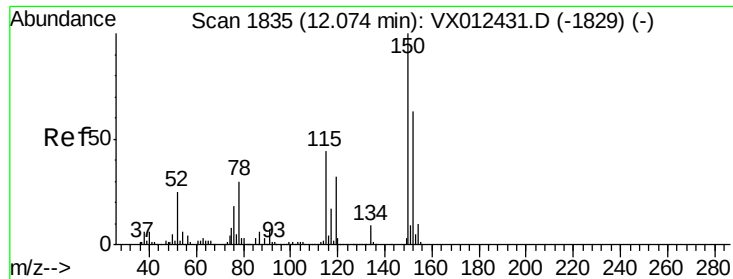
Abundance Ion 116.90 (116.60 to 117.60): VX012504.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012504.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012504.D (-1464) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012504.D

Acq: 19 Sep 2019 03:51

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20190909

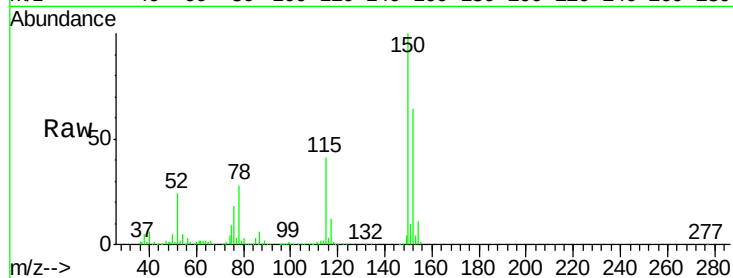
Tot Ion:152 Resp: 96652

Ion Ratio Lower Upper

152 100

115 64.3 44.1 132.3

150 157.3 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

