

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008201.D
 Acq On : 19 Mar 2019 19:44
 Operator : JC/SP
 Sample : K1860-08DL 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20190311DL

Quant Time: Mar 20 08:09:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

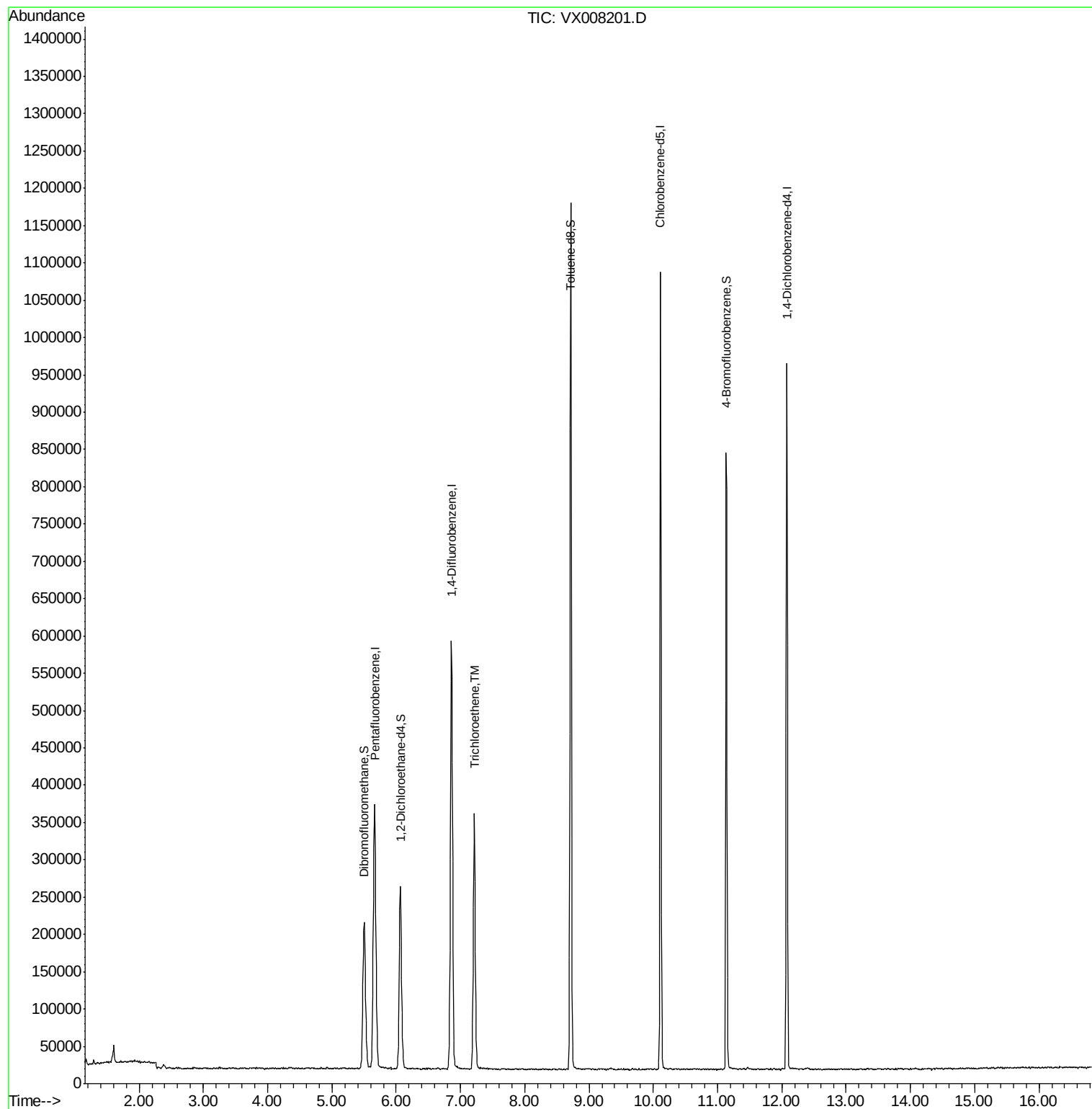
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	334025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	548494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	459830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186677	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	235980	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
35) Dibromofluoromethane	5.50	113	170773	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
50) Toluene-d8	8.71	98	671262	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
62) 4-Bromofluorobenzene	11.13	95	215162	44.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.78%	
Target Compounds						
44) Trichloroethene	7.21	130	127160	27.515	ug/l	Qvalue 89

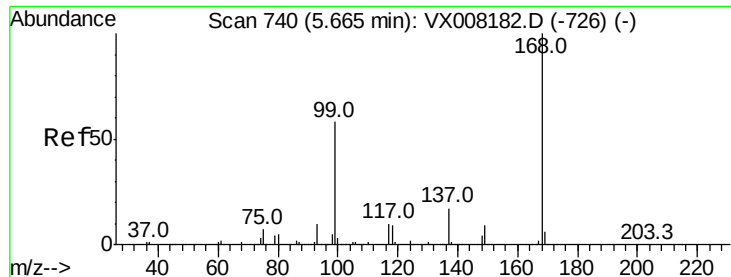
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008201.D

Acq: 19 Mar 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

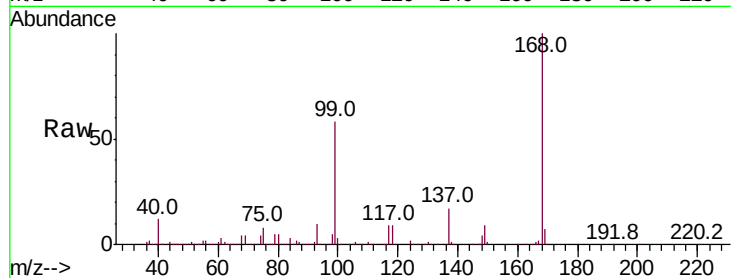
RE105D2-20190311DL

Tot Ion:168 Resp: 334025

Ion Ratio Lower Upper

168 100

99 57.8 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

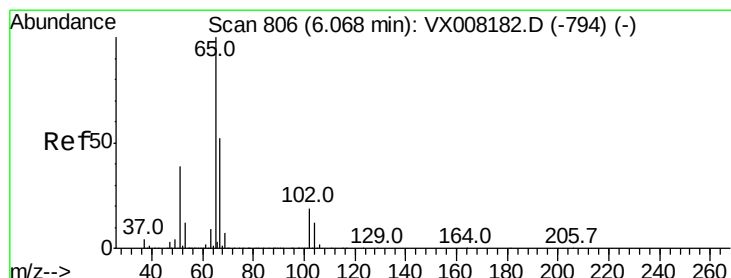
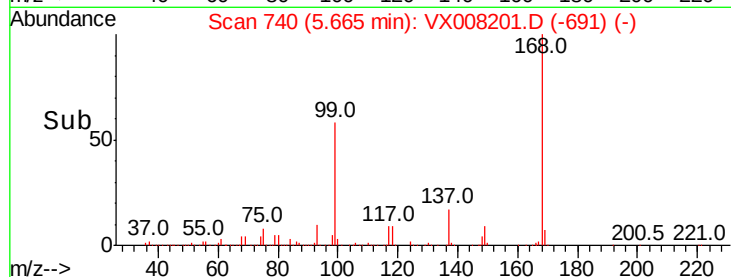
5.67

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.908 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008201.D

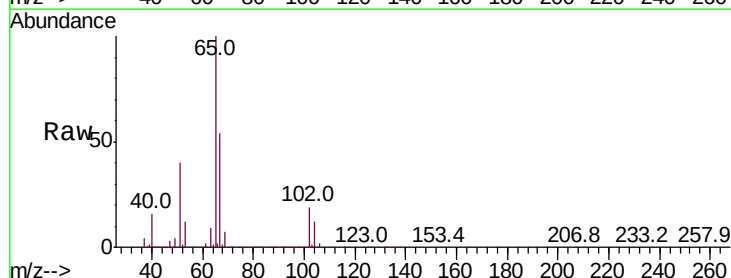
Acq: 19 Mar 2019 19:44

Tgt Ion: 65 Resp: 235980

Ion Ratio Lower Upper

65 100

67 53.4 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

100000

80000

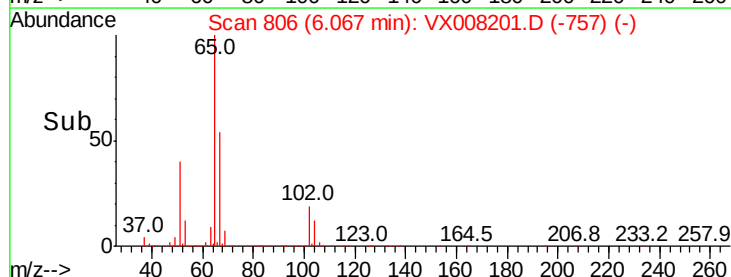
60000

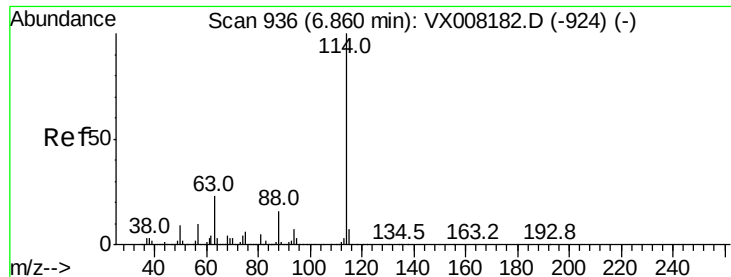
40000

20000

0

Time-->

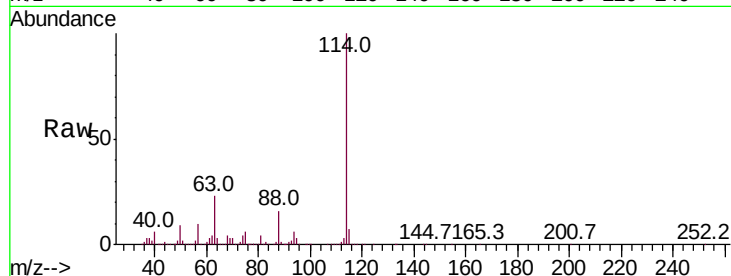




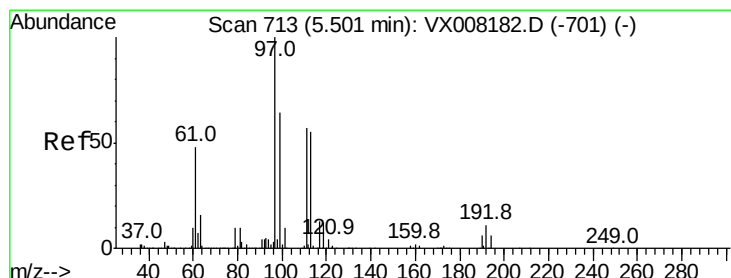
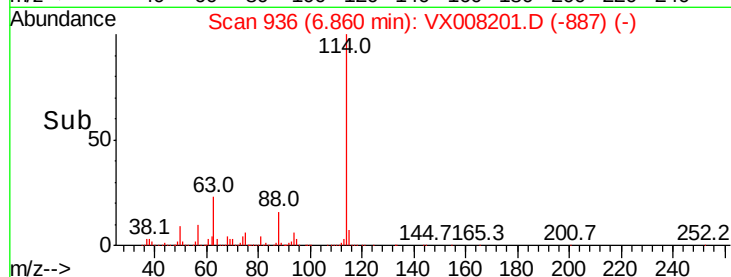
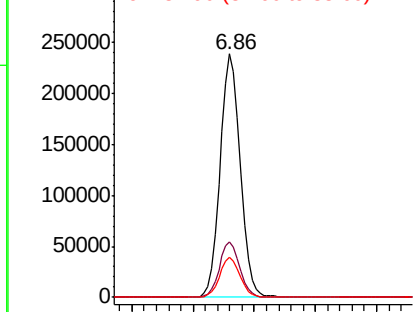
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008201.D
 Acq: 19 Mar 2019 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20190311DL

Tot Ion:114 Resp: 548494
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 39.8
 88 16.4 0.0 31.4

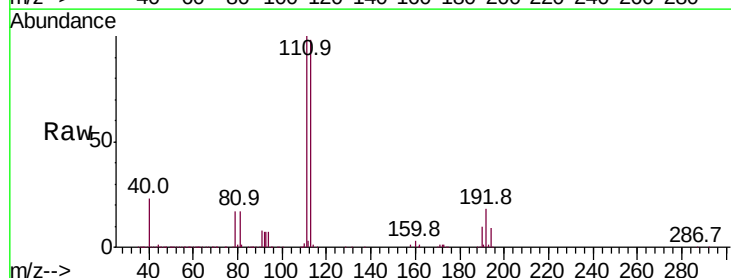


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

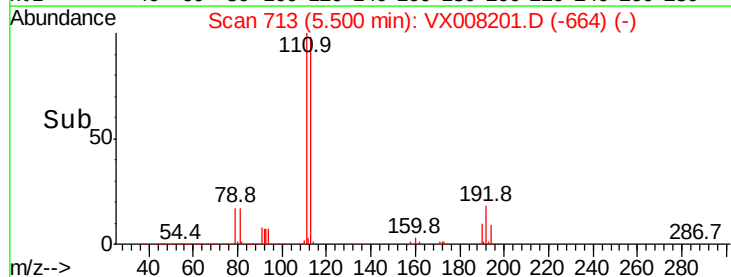
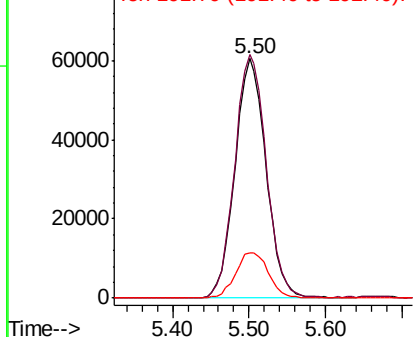


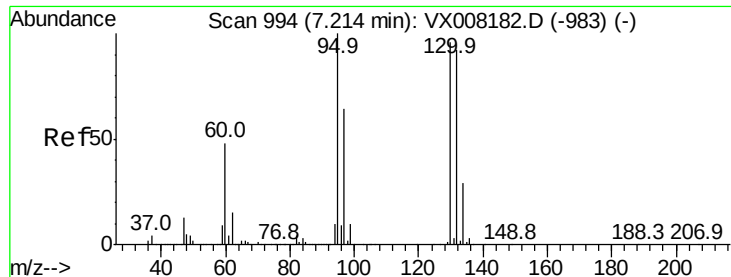
#35
 Dibromofluoromethane
 Concen: 46.509 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008201.D
 Acq: 19 Mar 2019 19:44

Tgt Ion:113 Resp: 170773
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.4 122.0
 192 20.1 19.4 29.0



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: 27.515 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008201.D

Acq: 19 Mar 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

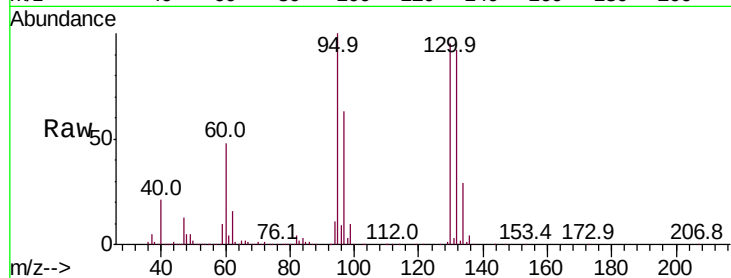
RE105D2-20190311DL

Tot Ion:130 Resp: 127160

Ion Ratio Lower Upper

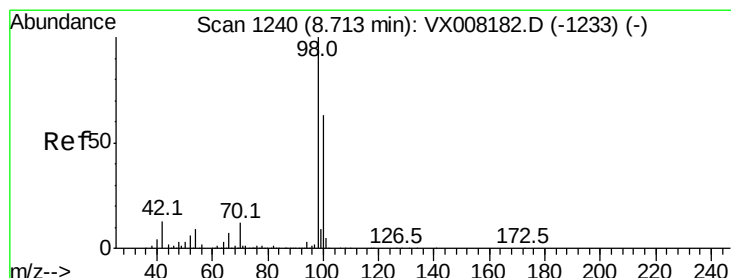
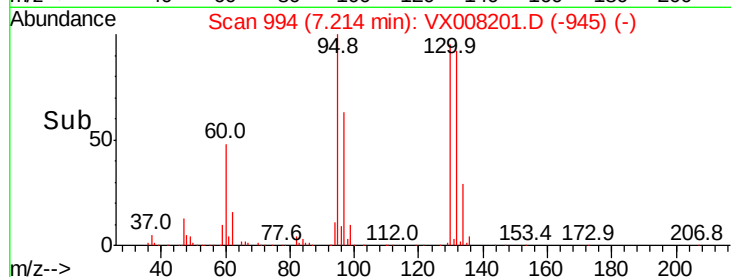
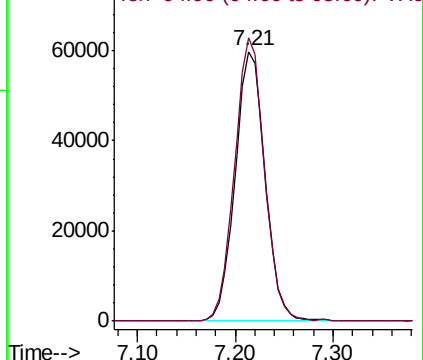
130 100

95 105.1 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.219 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008201.D

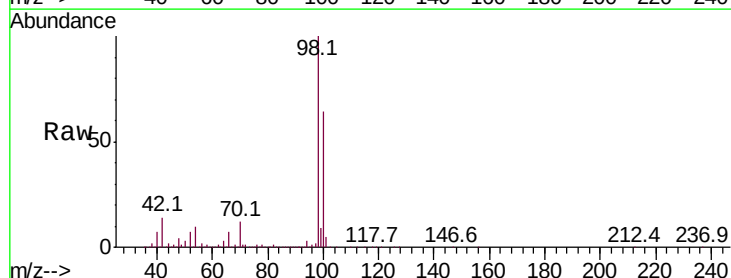
Acq: 19 Mar 2019 19:44

Tgt Ion: 98 Resp: 671262

Ion Ratio Lower Upper

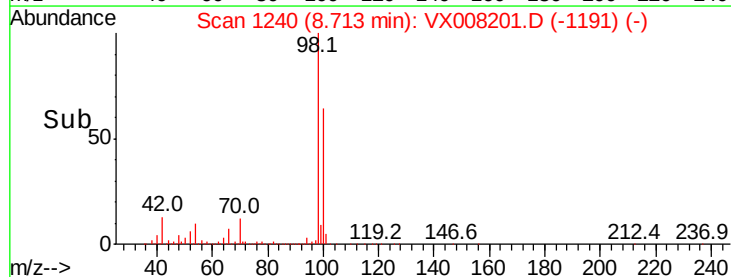
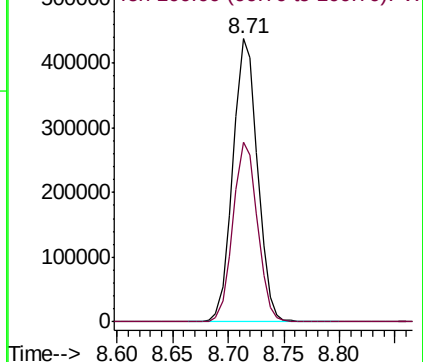
98 100

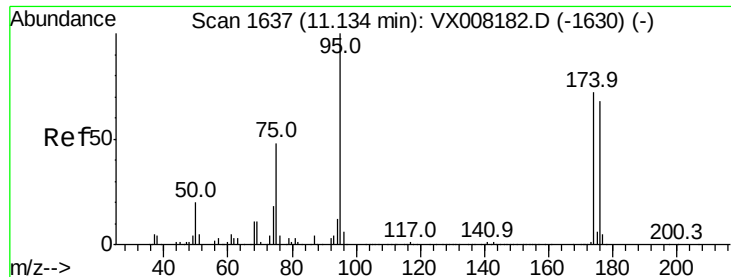
100 63.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.888 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008201.D

Acq: 19 Mar 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20190311DL

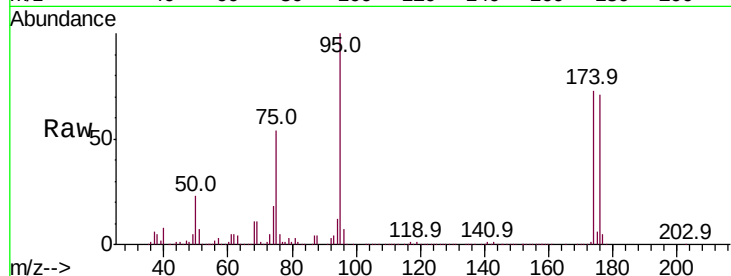
Tot Ion: 95 Resp: 215162

Ion Ratio Lower Upper

95 100

174 77.2 0.0 182.8

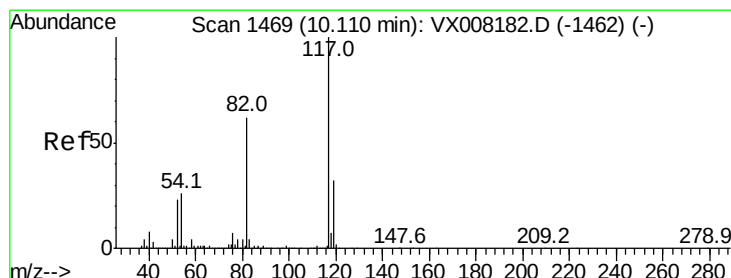
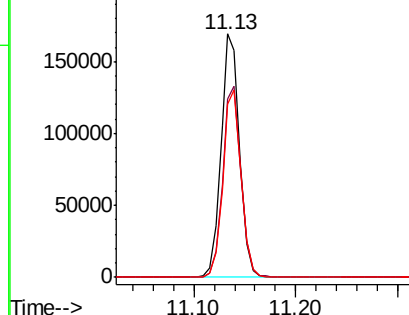
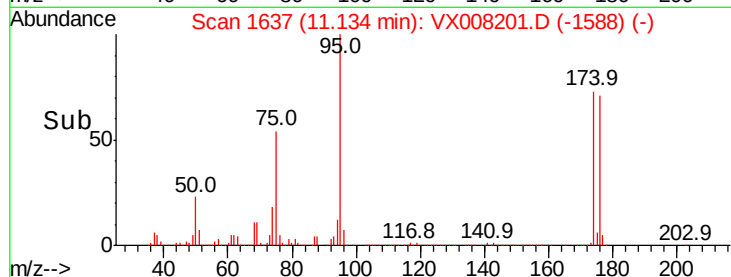
176 75.2 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX008201.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008201.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008201.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008201.D

Acq: 19 Mar 2019 19:44

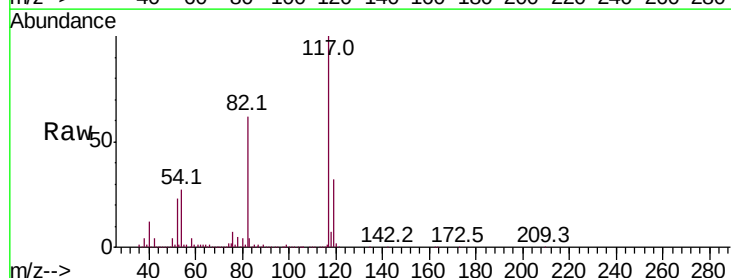
Tgt Ion: 117 Resp: 459830

Ion Ratio Lower Upper

117 100

82 61.5 44.3 66.5

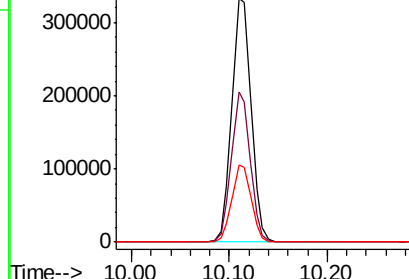
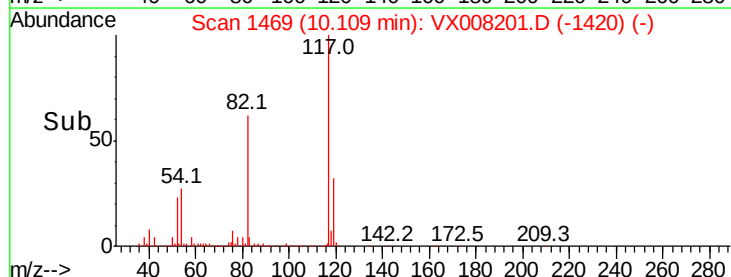
119 31.6 25.3 37.9

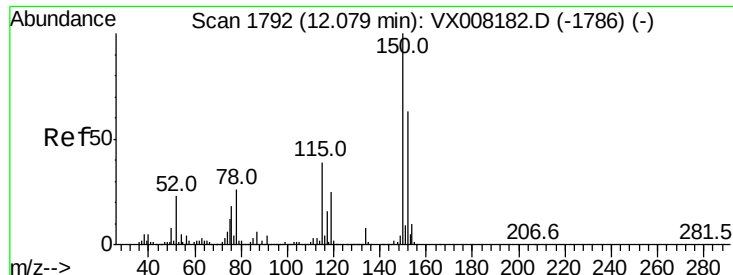


Abundance Ion 116.90 (116.60 to 117.60): VX008201.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008201.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008201.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008201.D

Acq: 19 Mar 2019 19:44

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20190311DL

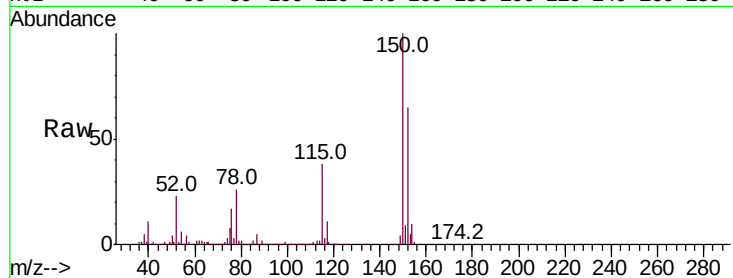
Tot Ion:152 Resp: 186677

Ion Ratio Lower Upper

152 100

115 59.7 38.6 115.7

150 157.2 0.0 348.4



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

