

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013821.D
 Acq On : 07 Dec 2019 00:24
 Operator : JC/SP
 Sample : K6184-16 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20191203

Quant Time: Dec 07 05:29:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

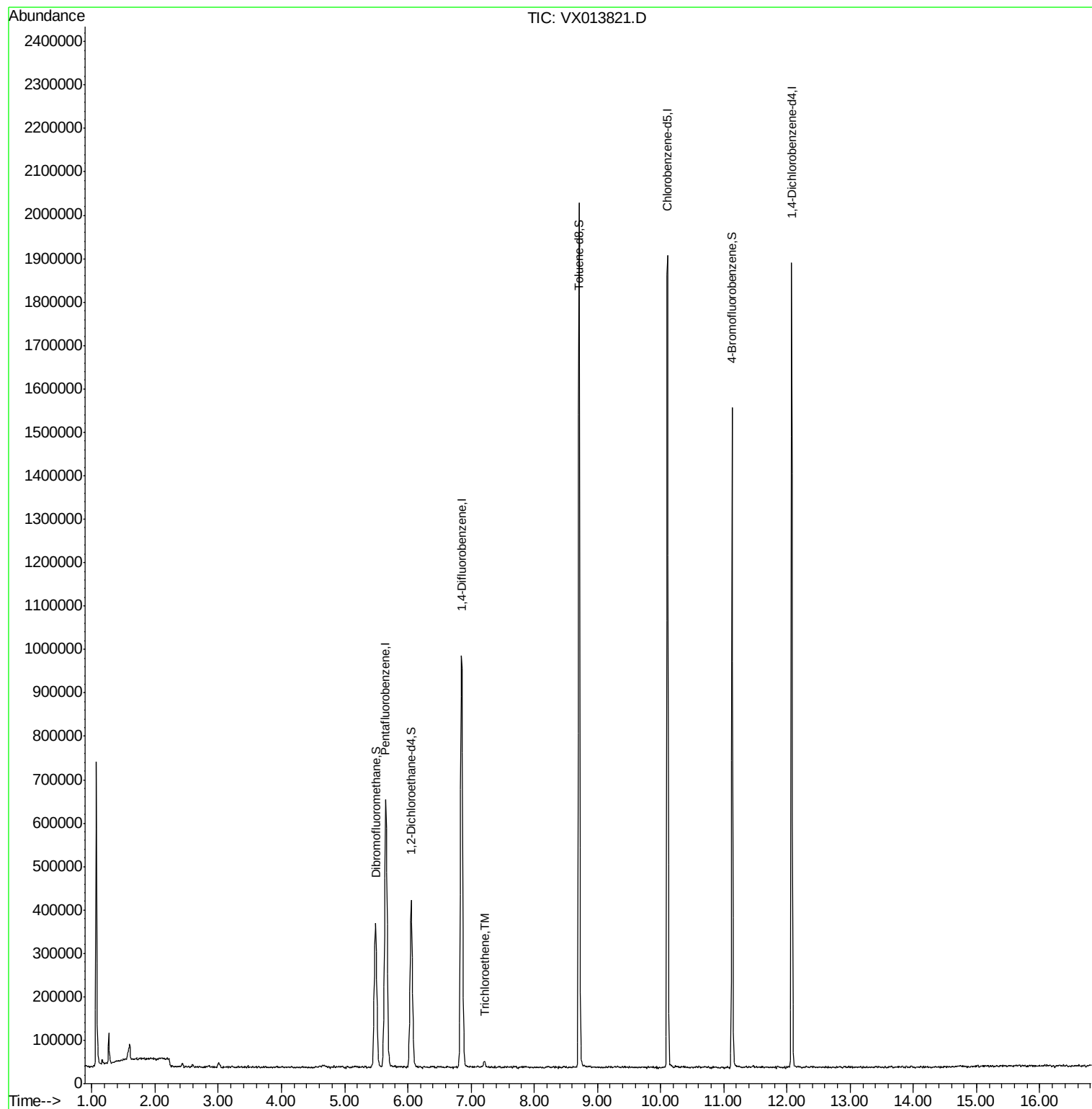
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	652785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	989814	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	879628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	386790	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	358417	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
35) Dibromofluoromethane	5.49	113	294696	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
50) Toluene-d8	8.71	98	1168939	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	11.14	95	391515	45.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.08%	
Target Compounds						
44) Trichloroethene	7.21	130	6630	0.883	ug/l	Qvalue 95

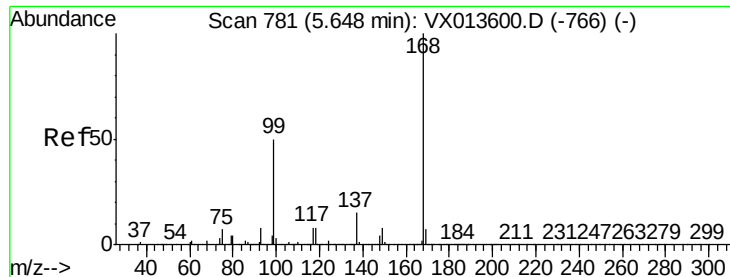
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013821.D

Acq: 07 Dec 2019 00:24

Instrument :

MSVOA_X

ClientSampleId :

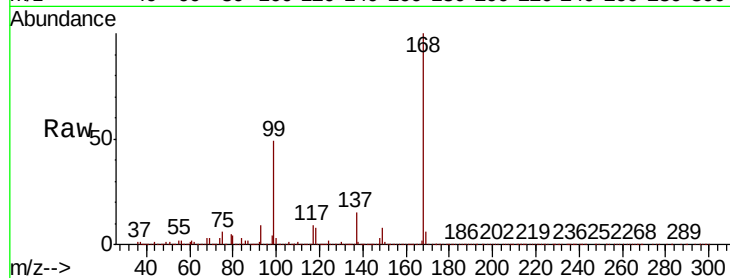
DUP01-20191203

Tot Ion:168 Resp: 652785

Ion Ratio Lower Upper

168 100

99 48.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

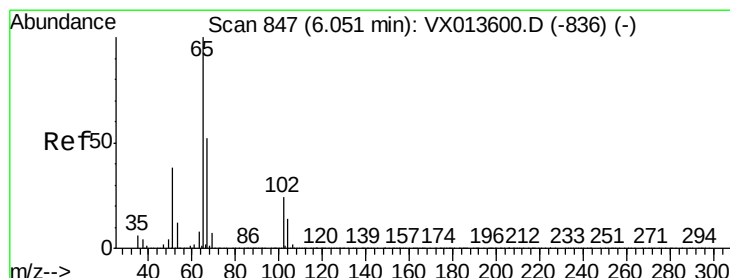
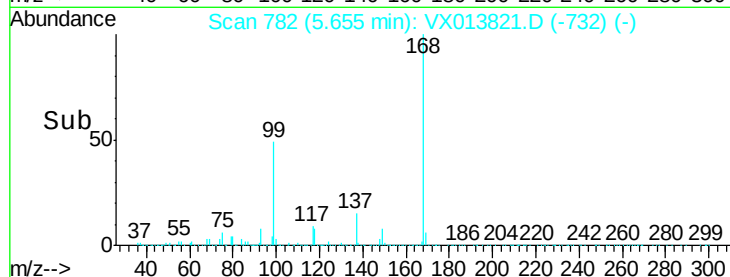
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.301 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013821.D

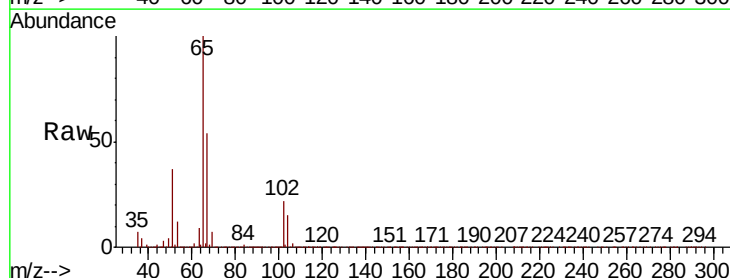
Acq: 07 Dec 2019 00:24

Tgt Ion: 65 Resp: 358417

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

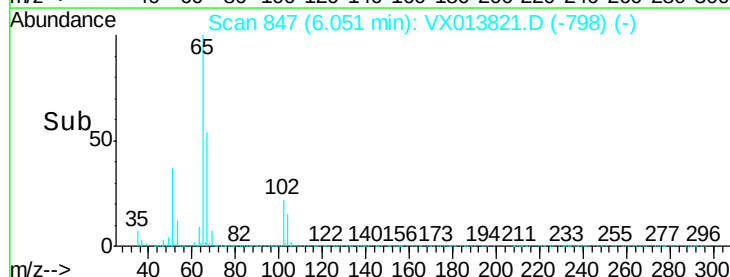
150000

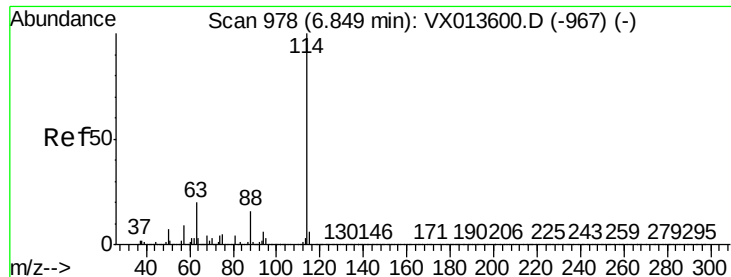
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

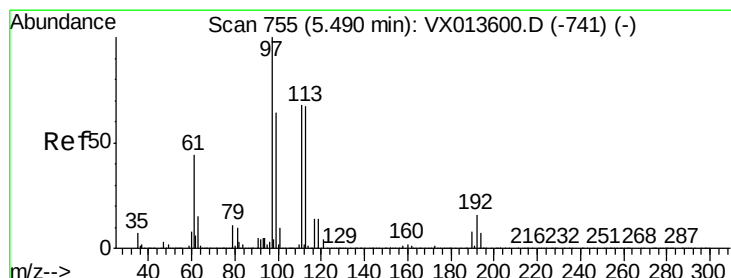
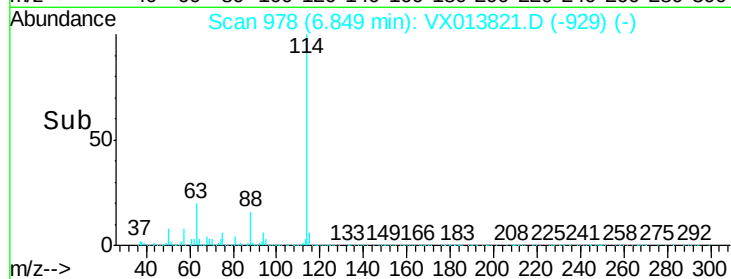
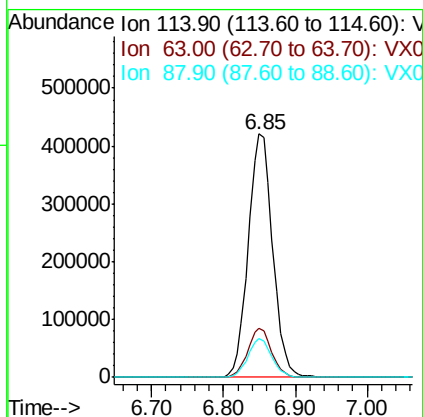
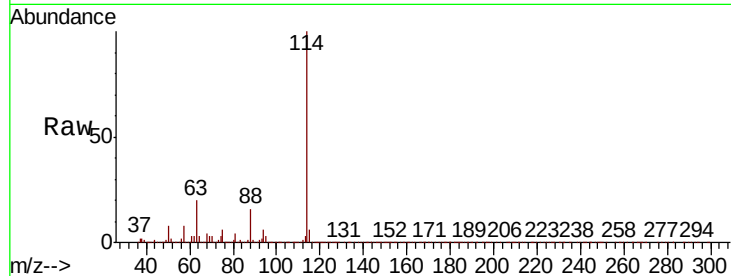
Delta R.T. 0.00 min

Lab File: VX013821.D

Acq: 07 Dec 2019 00:24

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20191203

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.6
88	15.7	0.0	31.4



#35

Dibromofluoromethane

Concen: 48.160 ug/l

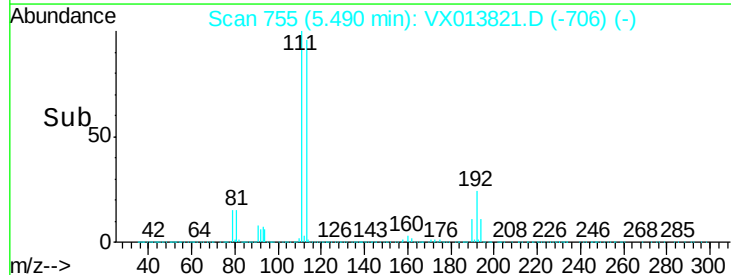
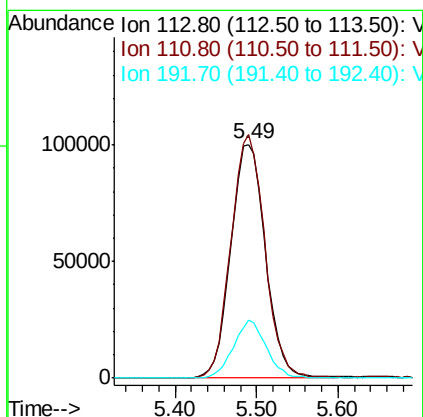
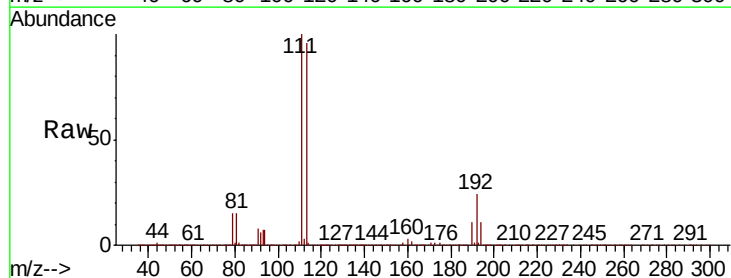
RT: 5.49 min Scan# 755

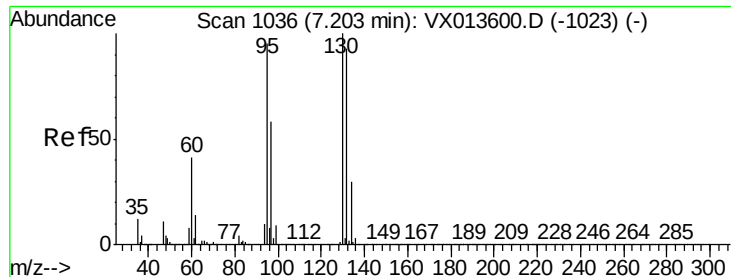
Delta R.T. 0.00 min

Lab File: VX013821.D

Acq: 07 Dec 2019 00:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.6	125.4
192	23.5	19.2	28.8





#44

Trichloroethene

Concen: 0.883 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013821.D

Acq: 07 Dec 2019 00:24

Instrument :

MSVOA_X

ClientSampleId :

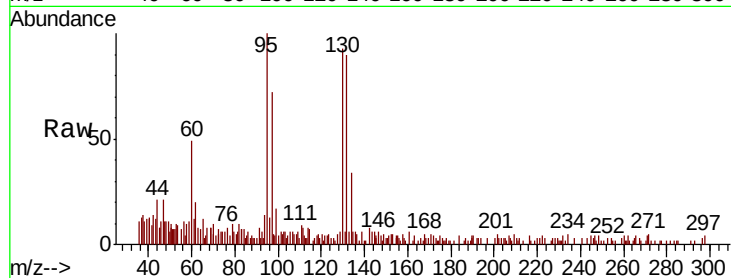
DUP01-20191203

Tot Ion:130 Resp: 6630

Ion Ratio Lower Upper

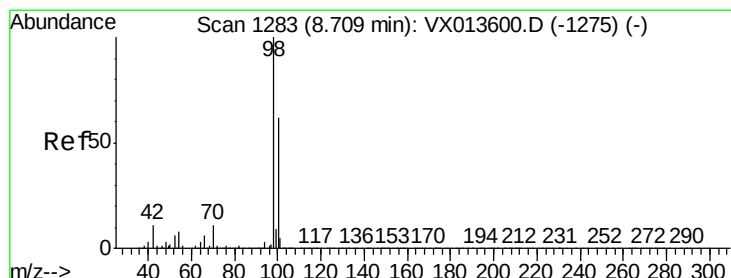
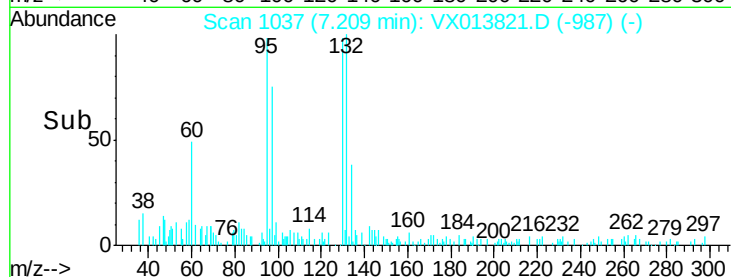
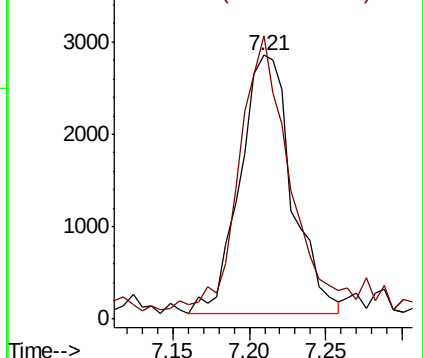
130 100

95 100.3 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.031 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013821.D

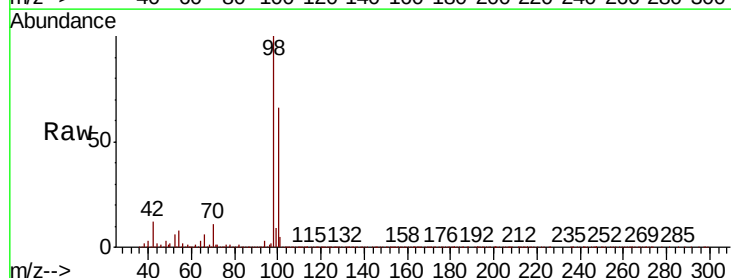
Acq: 07 Dec 2019 00:24

Tgt Ion: 98 Resp: 1168939

Ion Ratio Lower Upper

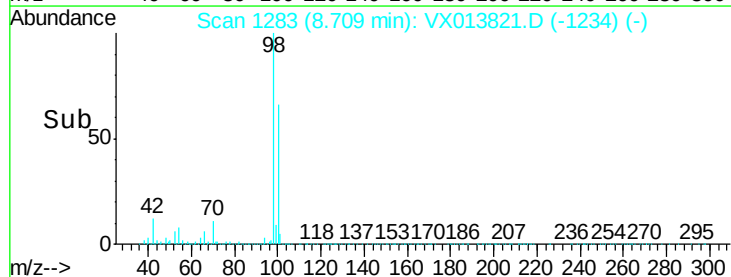
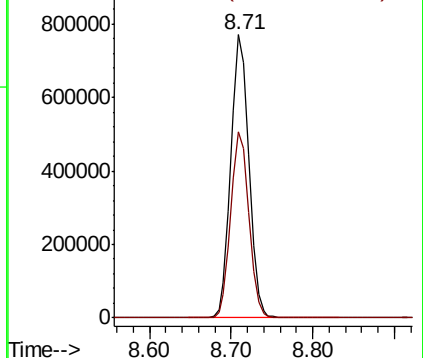
98 100

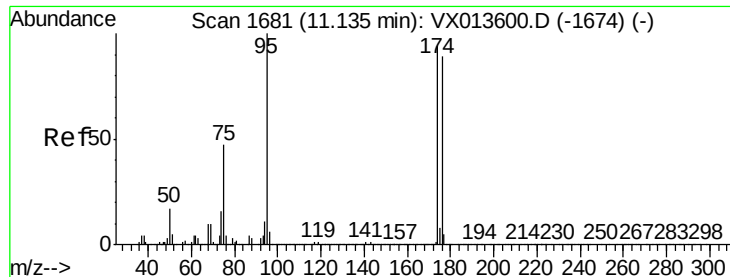
100 65.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.540 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013821.D

Acq: 07 Dec 2019 00:24

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20191203

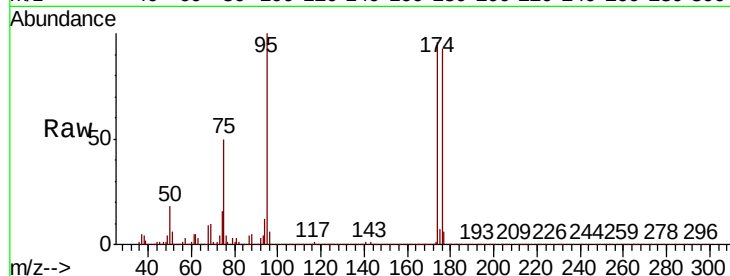
Tot Ion: 95 Resp: 391515

Ion Ratio Lower Upper

95 100

174 89.1 0.0 180.0

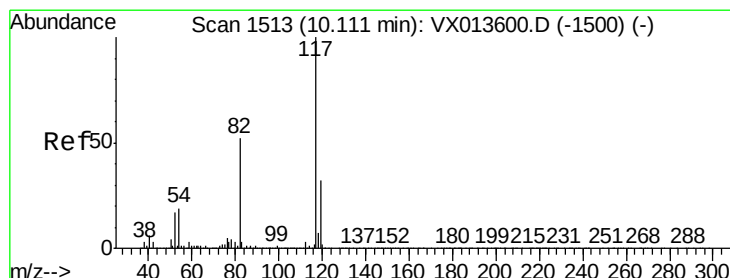
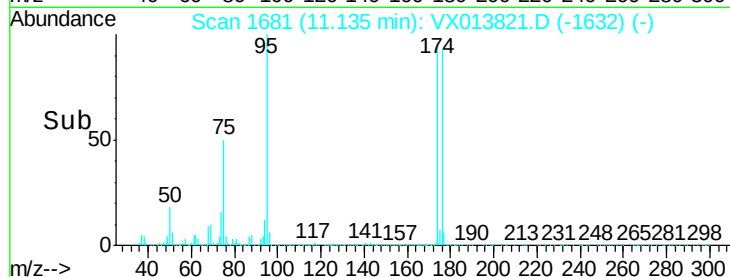
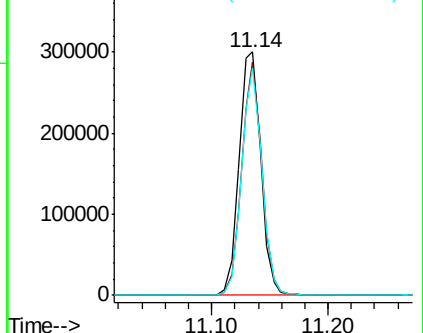
176 87.6 0.0 173.6



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: VX013821.D

Acq: 07 Dec 2019 00:24

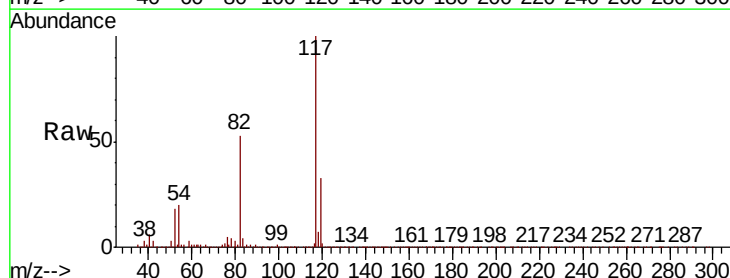
Tgt Ion: 117 Resp: 879628

Ion Ratio Lower Upper

117 100

82 52.5 41.8 62.8

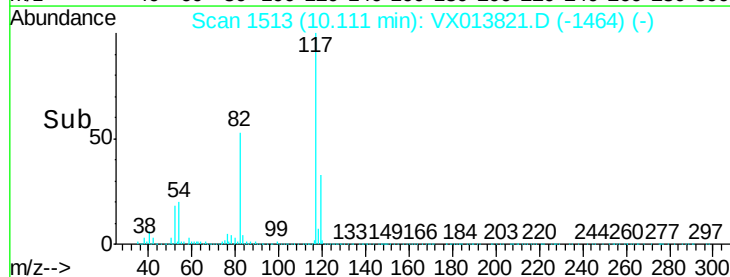
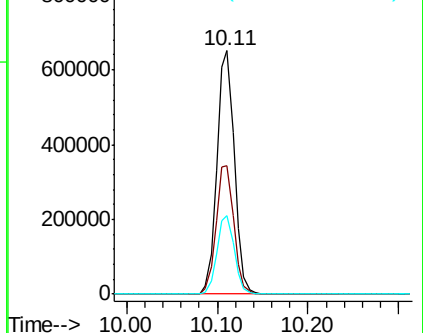
119 32.5 25.8 38.8

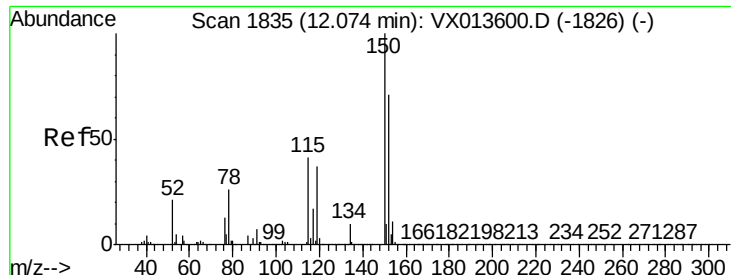


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX013821.D

Acq: 07 Dec 2019 00:24

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20191203

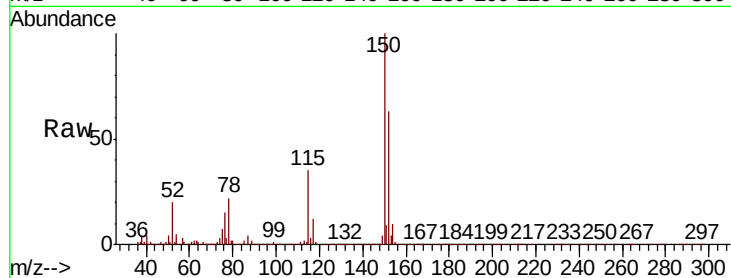
Tot Ion:152 Resp: 386790

Ion Ratio Lower Upper

152 100

115 56.0 38.4 115.1

150 158.1 0.0 346.8



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

