

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022720\
 Data File : VX015046.D
 Acq On : 27 Feb 2020 14:29
 Operator : JC/SP
 Sample : L1683-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01-20200225

Quant Time: Feb 27 16:23:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

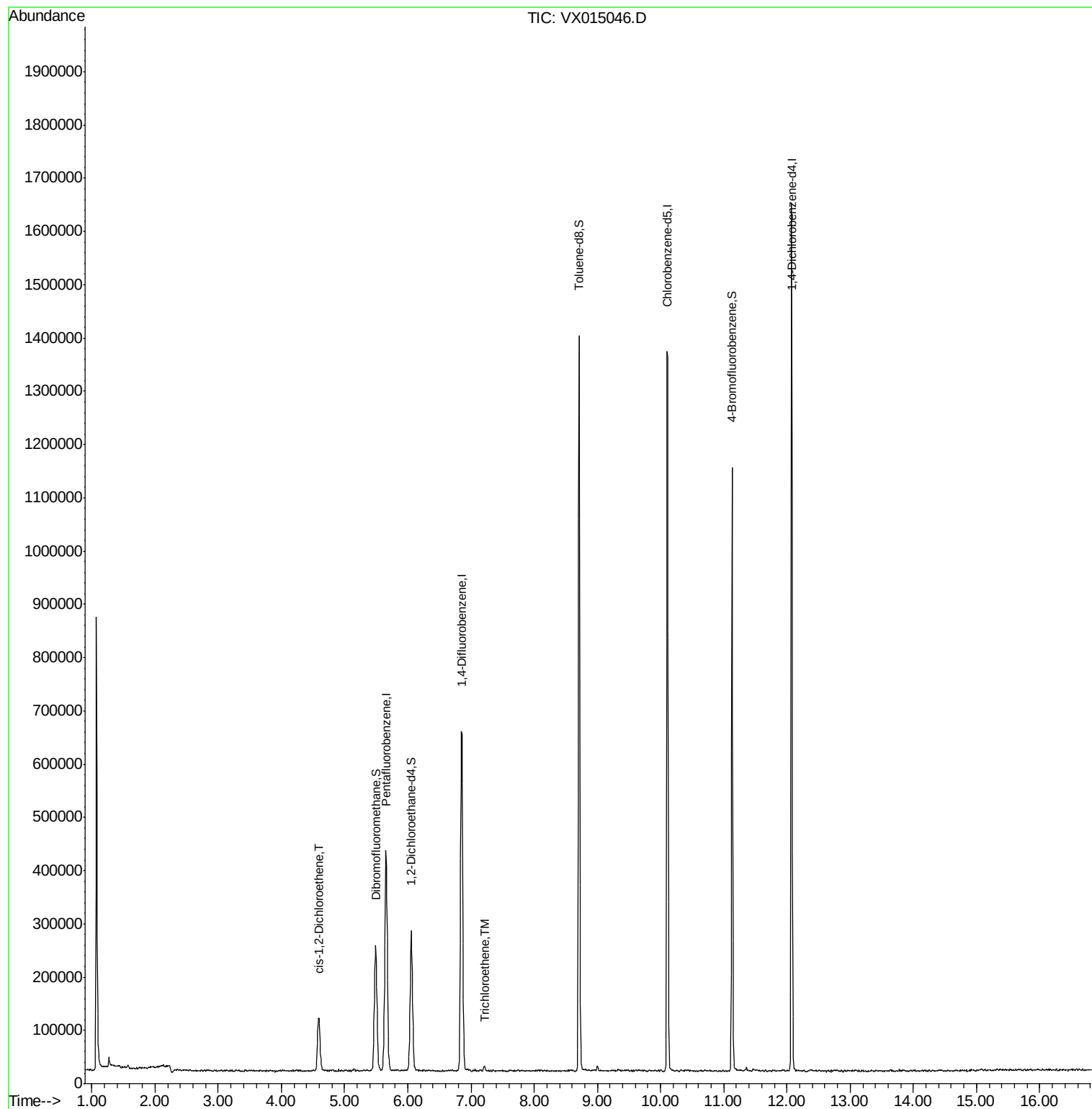
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	421003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	666289	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	642644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	335092	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	238614	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
35) Dibromofluoromethane	5.49	113	204136	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	8.71	98	810654	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	11.13	95	300331	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	68201	14.329	ug/l	90
44) Trichloroethene	7.21	130	4464	0.864	ug/l	76

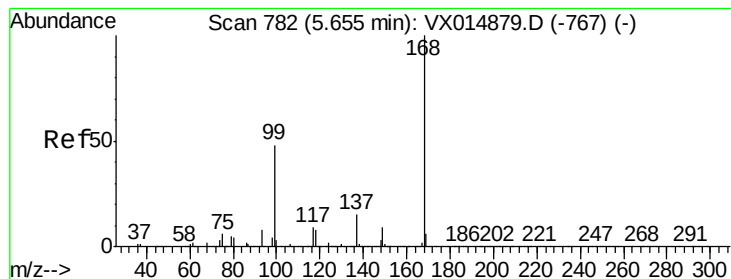
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015046.D

Acq: 27 Feb 2020 14:29

Instrument :

MSVOA_X

ClientSampleId :

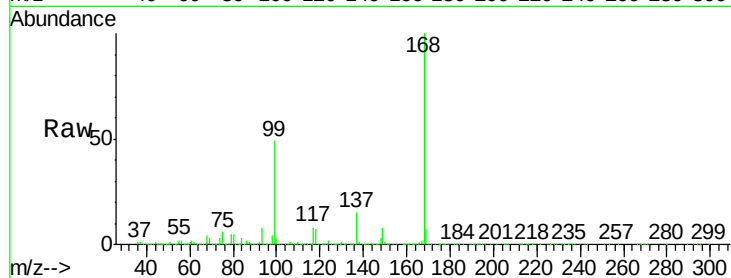
DUP-01-20200225

Tot Ion:168 Resp: 421003

Ion Ratio Lower Upper

168 100

99 48.5 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

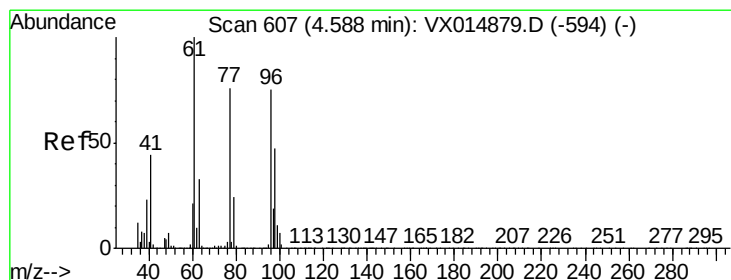
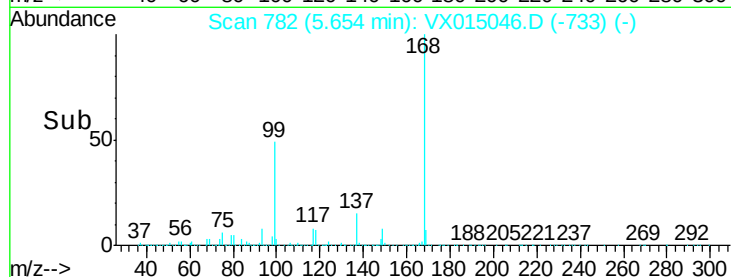
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 14.329 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX015046.D

Acq: 27 Feb 2020 14:29

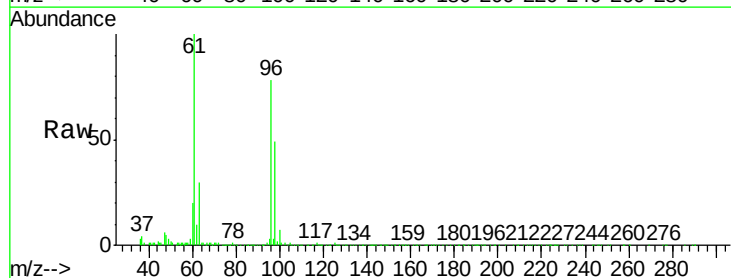
Tgt Ion: 96 Resp: 68201

Ion Ratio Lower Upper

96 100

61 125.3 0.0 286.2

98 64.5 0.0 131.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

40000

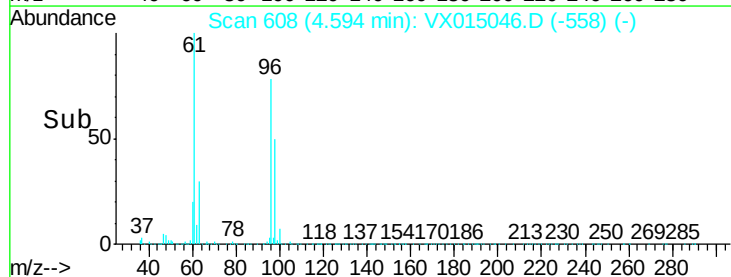
30000

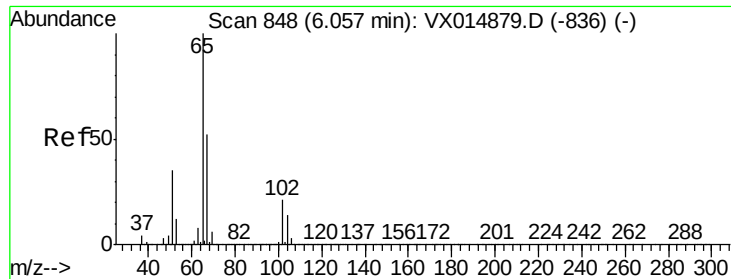
20000

10000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.220 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX015046.D

Acq: 27 Feb 2020 14:29

Instrument :

MSVOA_X

ClientSampleId :

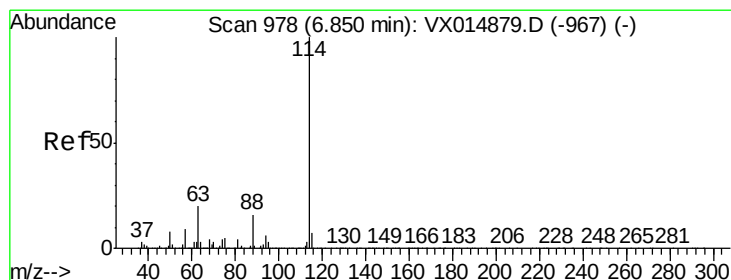
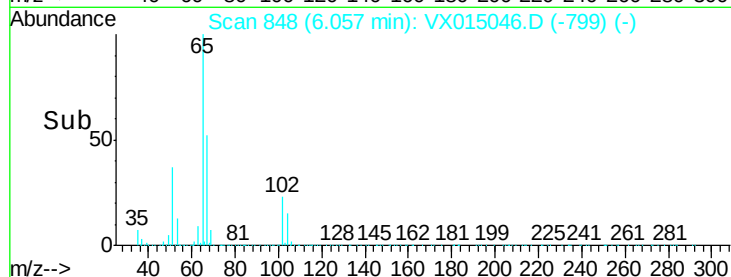
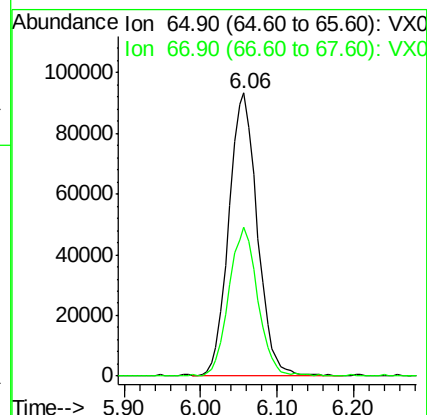
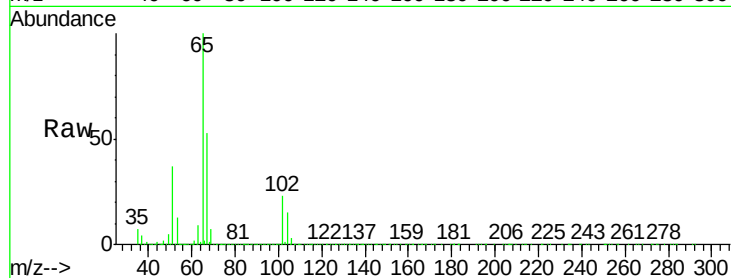
DUP-01-20200225

Tot Ion: 65 Resp: 238614

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX015046.D

Acq: 27 Feb 2020 14:29

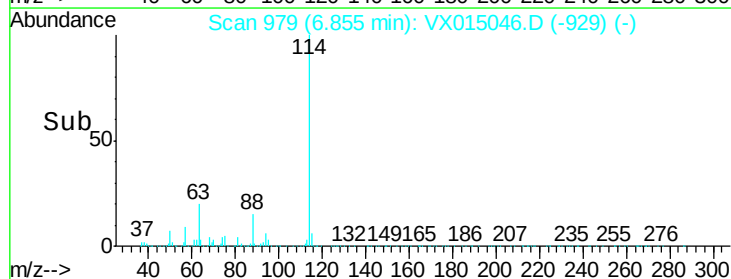
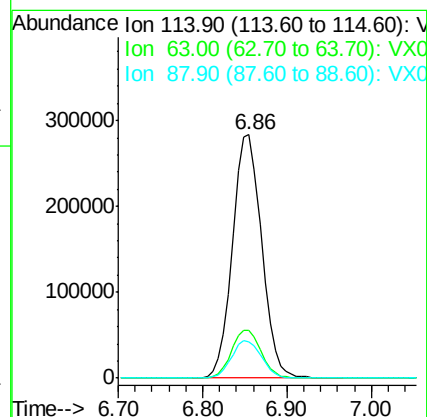
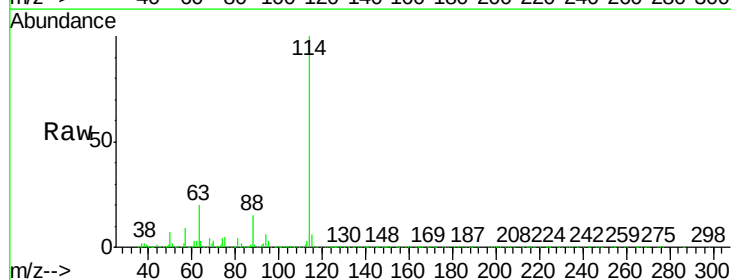
Tgt Ion: 114 Resp: 666289

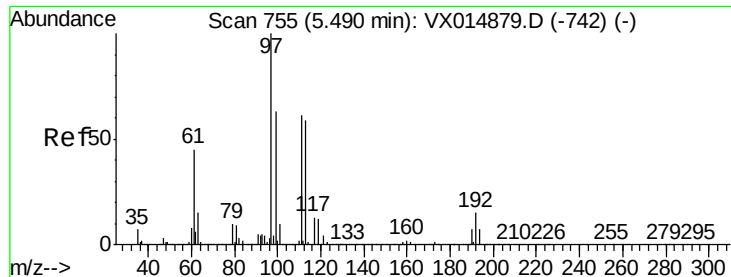
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 14.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.836 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015046.D

Acq: 27 Feb 2020 14:29

Instrument :

MSVOA_X

ClientSampleId :

DUP-01-20200225

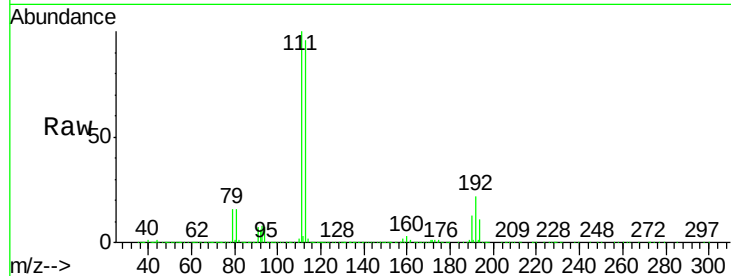
Tot Ion:113 Resp: 204136

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

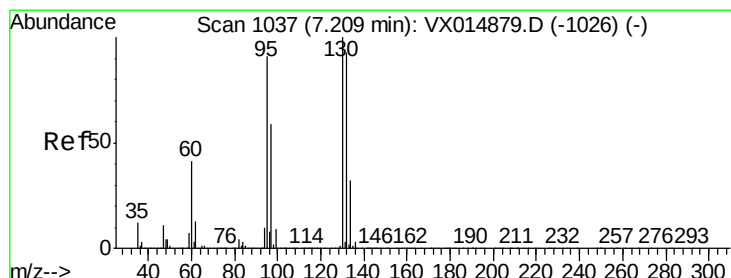
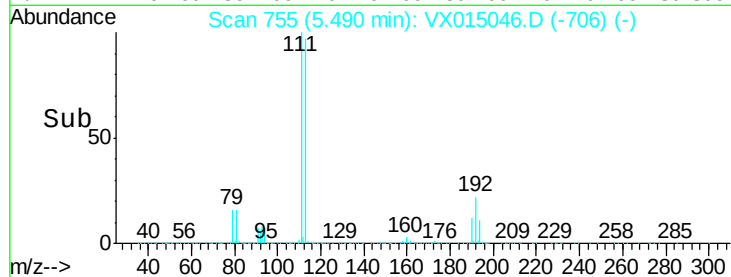
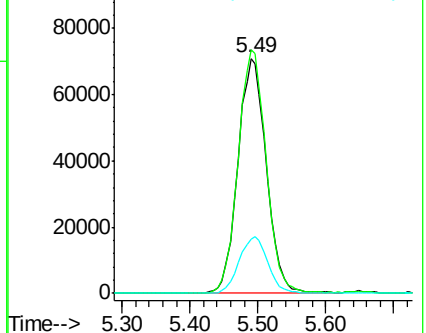
192 24.5 19.1 28.7



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: 0.864 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015046.D

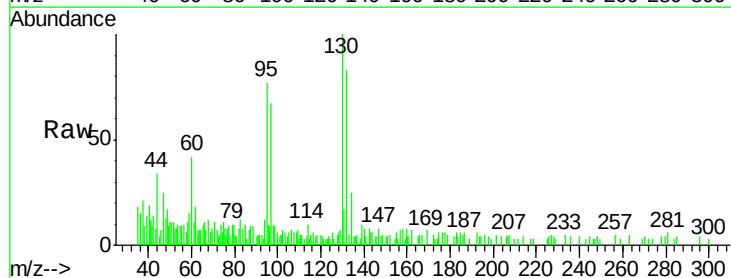
Acq: 27 Feb 2020 14:29

Tgt Ion:130 Resp: 4464

Ion Ratio Lower Upper

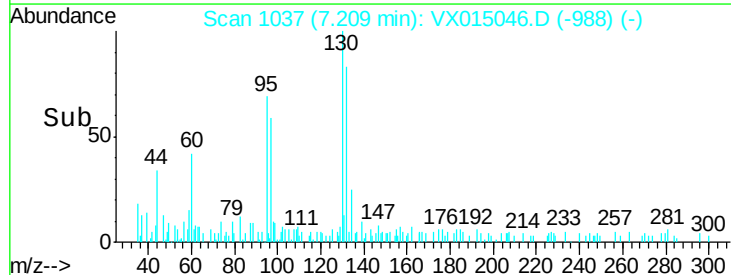
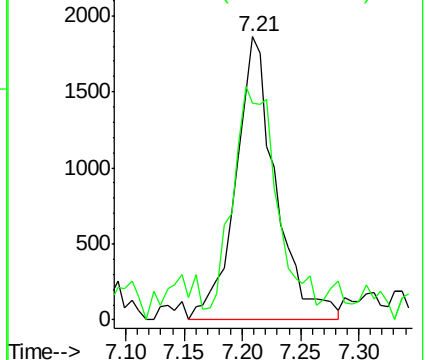
130 100

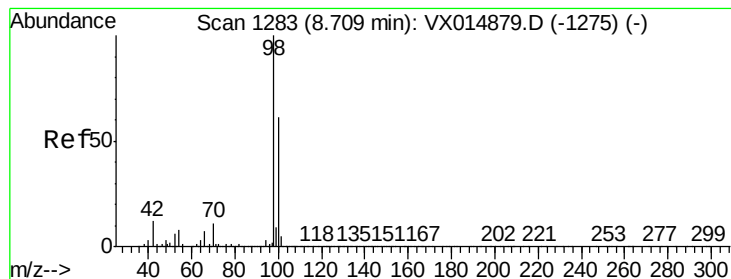
95 68.9 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 51.847 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015046.D

Acq: 27 Feb 2020 14:29

Instrument :

MSVOA_X

ClientSampleId :

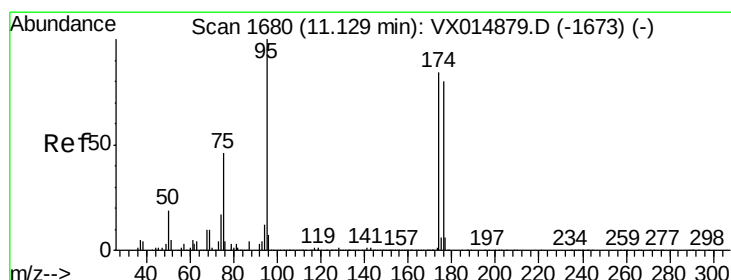
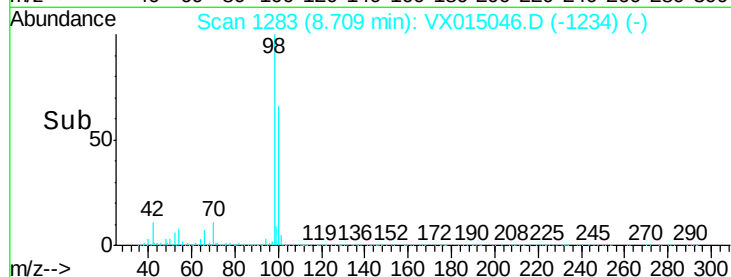
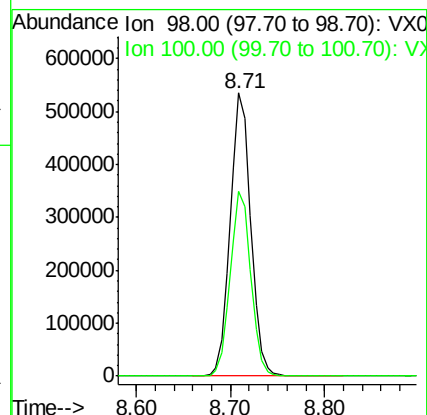
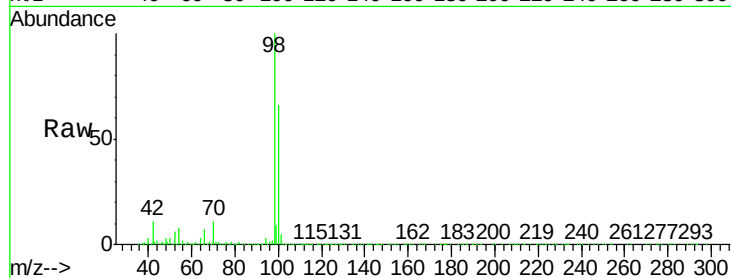
DUP-01-20200225

Tot Ion: 98 Resp: 810654

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 53.322 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015046.D

Acq: 27 Feb 2020 14:29

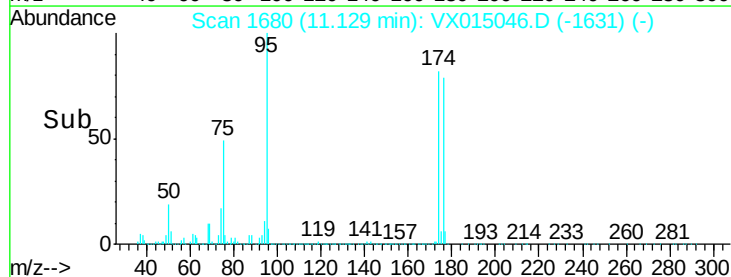
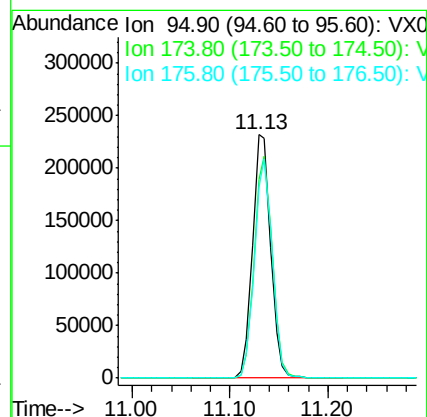
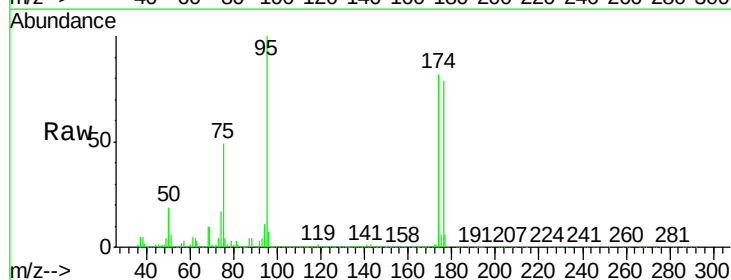
Tgt Ion: 95 Resp: 300331

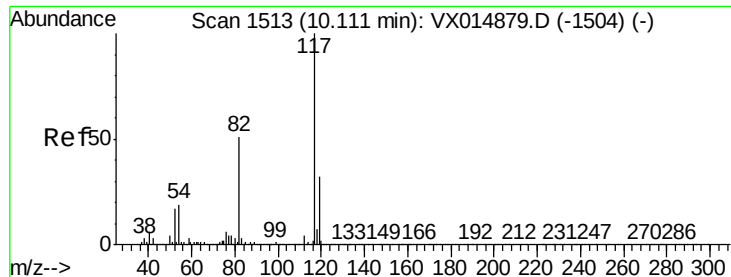
Ion Ratio Lower Upper

95 100

174 90.6 0.0 183.0

176 87.9 0.0 178.0

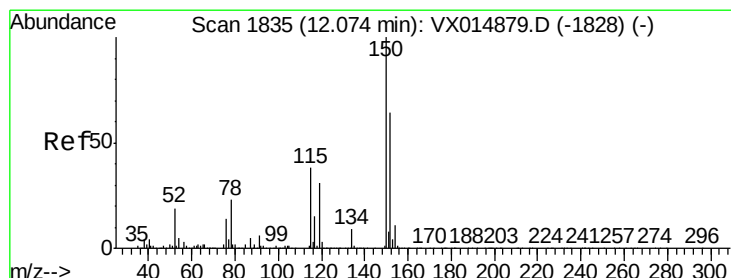
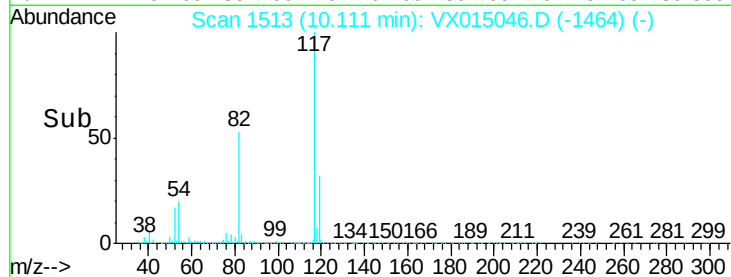
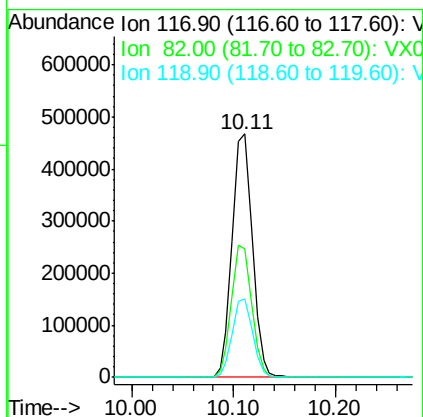
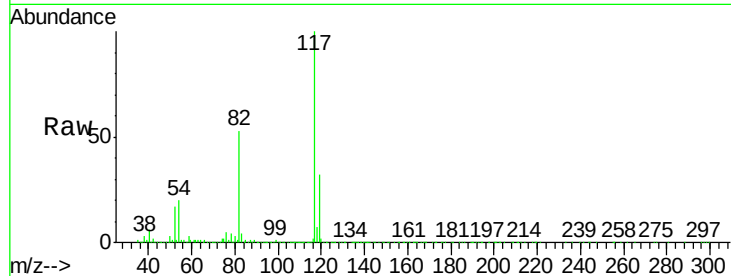




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015046.D
Acq: 27 Feb 2020 14:29

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20200225

Tot Ion:117 Resp: 642644
Ion Ratio Lower Upper
117 100
82 52.9 40.5 60.7
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015046.D
Acq: 27 Feb 2020 14:29

Tgt Ion:152 Resp: 335092
Ion Ratio Lower Upper
152 100
115 55.0 38.6 116.0
150 157.9 0.0 349.0

