

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030420\
 Data File : VX015093.D
 Acq On : 04 Mar 2020 17:27
 Operator : JC/SP
 Sample : L1779-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-200303

Quant Time: Mar 05 08:01:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

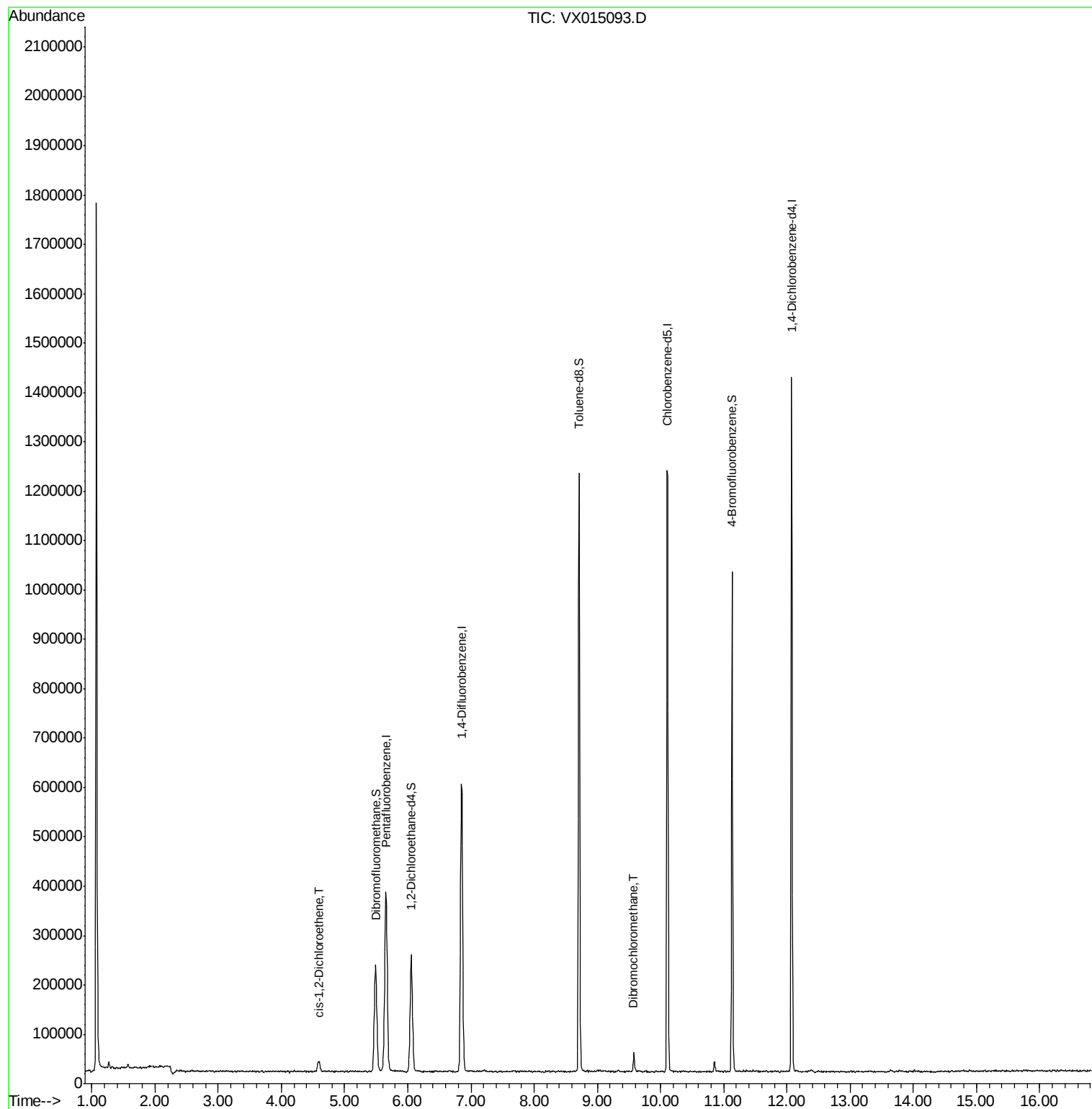
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	377483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	601595	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	573995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	290560	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	214606	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
35) Dibromofluoromethane	5.49	113	184116	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
50) Toluene-d8	8.71	98	723308	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.13	95	266593	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	14597	3.322	ug/l	96
60) Dibromochloromethane	9.58	129	5192	1.190	ug/l	89

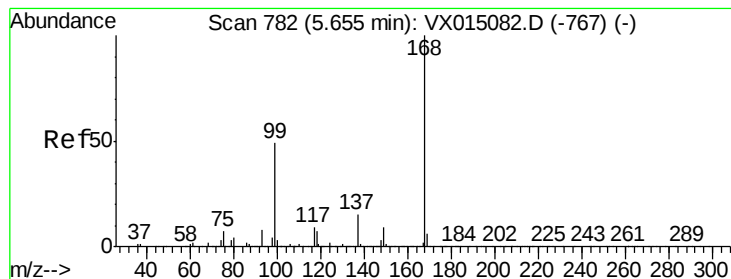
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 04 14:19:10 2020
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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: VX015093.D

Acq: 04 Mar 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

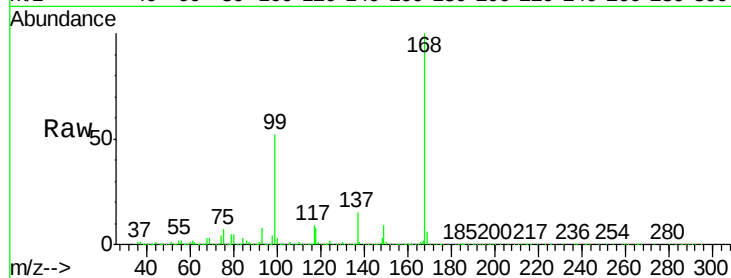
OUTFALL001-200303

Tot Ion:168 Resp: 377483

Ion Ratio Lower Upper

168 100

99 51.4 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

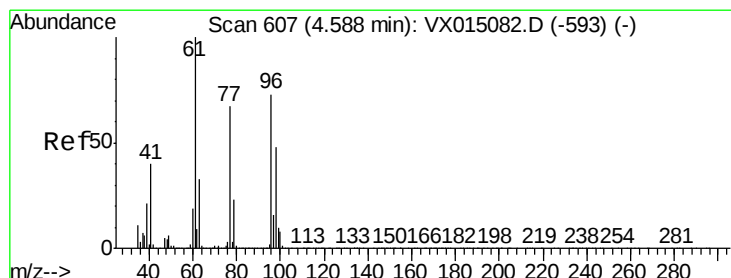
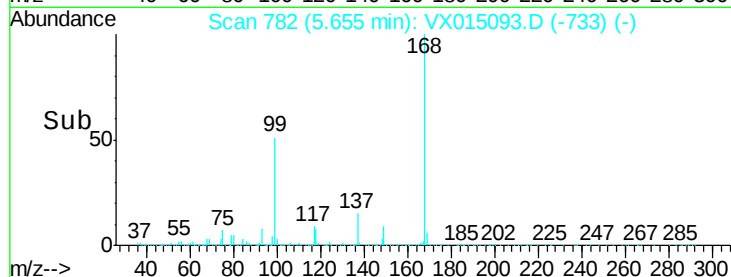
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 3.322 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX015093.D

Acq: 04 Mar 2020 17:27

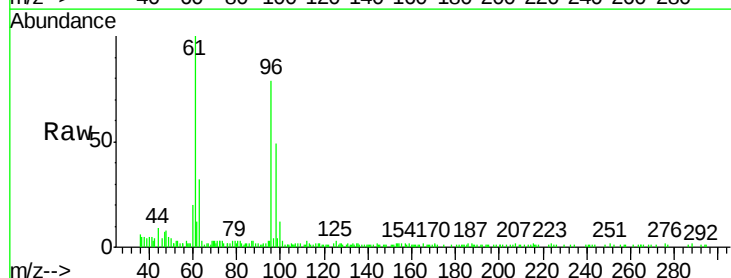
Tgt Ion: 96 Resp: 14597

Ion Ratio Lower Upper

96 100

61 137.7 0.0 286.8

98 65.3 0.0 128.4



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

8000

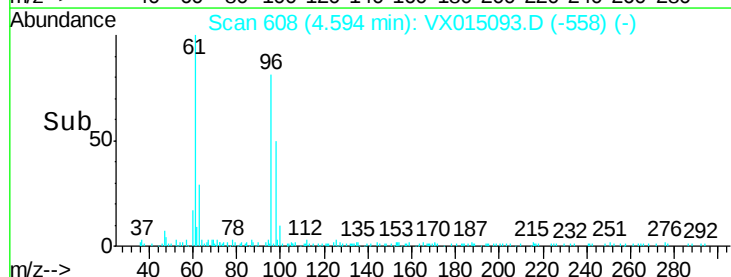
6000

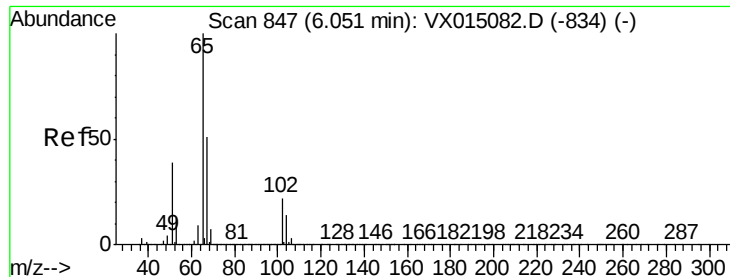
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.921 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015093.D

Acq: 04 Mar 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

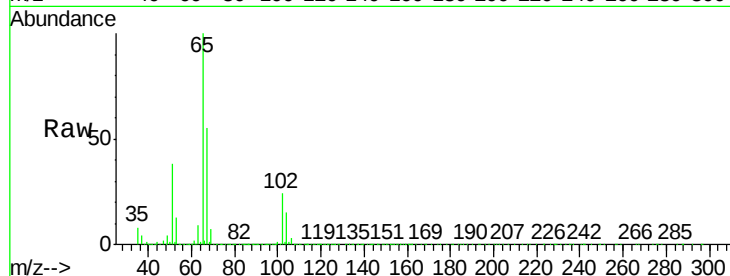
OUTFALL001-200303

Tot Ion: 65 Resp: 214606

Ion Ratio Lower Upper

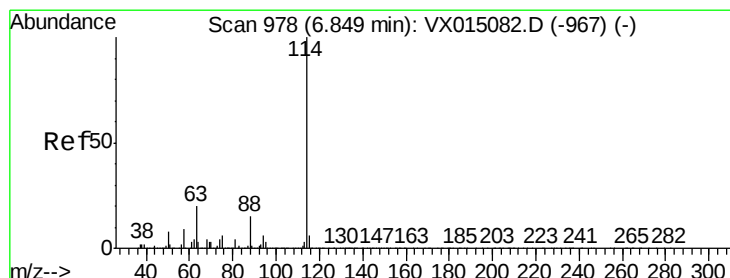
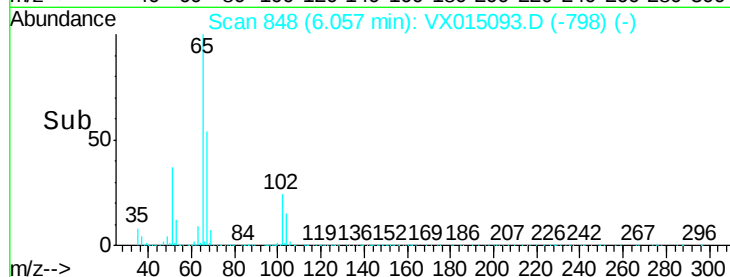
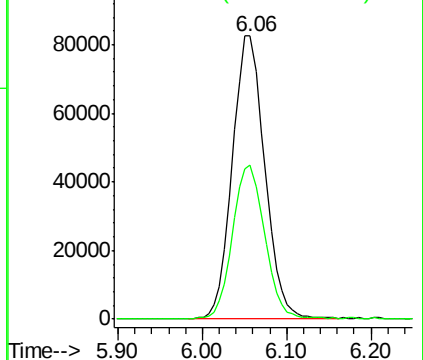
65 100

67 53.9 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015093.D

Acq: 04 Mar 2020 17:27

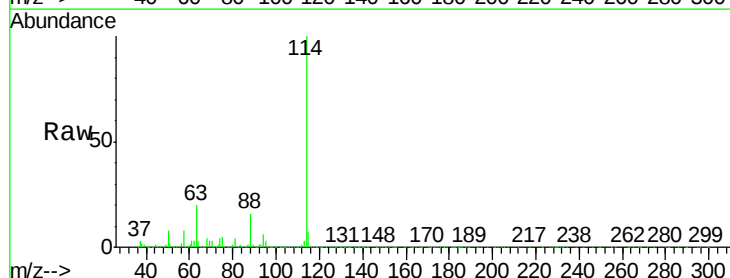
Tgt Ion: 114 Resp: 601595

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

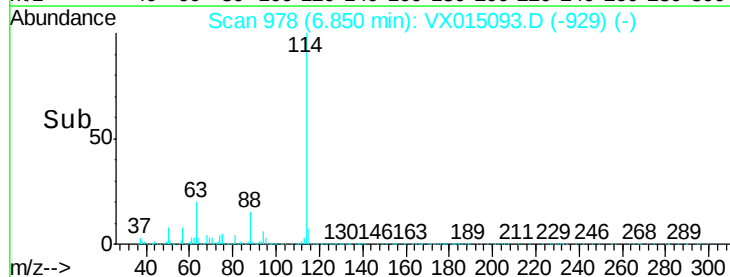
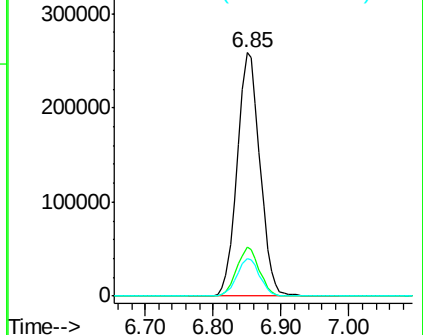
88 15.4 0.0 30.6

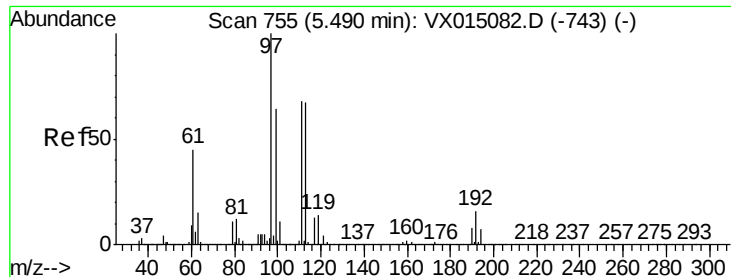


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.512 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015093.D

Acq: 04 Mar 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

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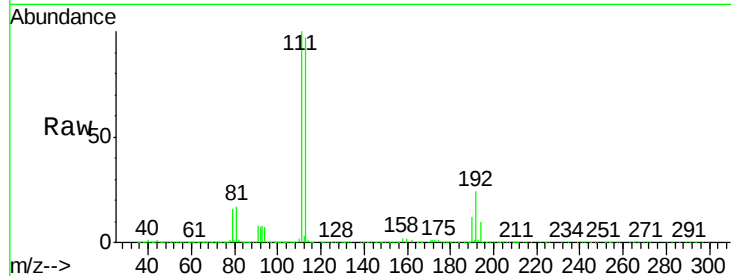
Tot Ion:113 Resp: 184116

Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

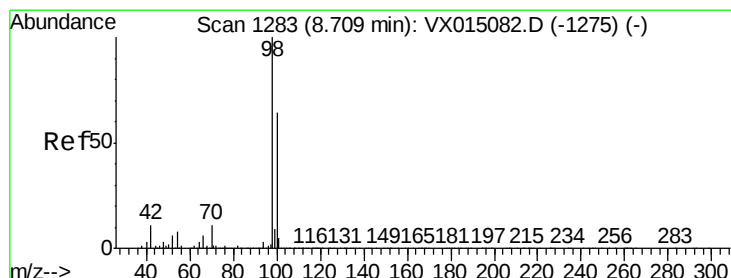
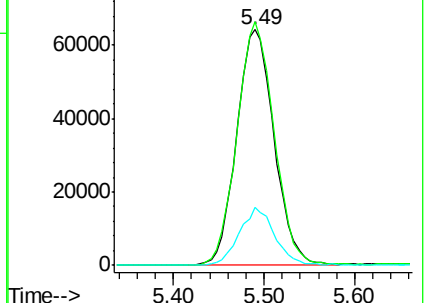
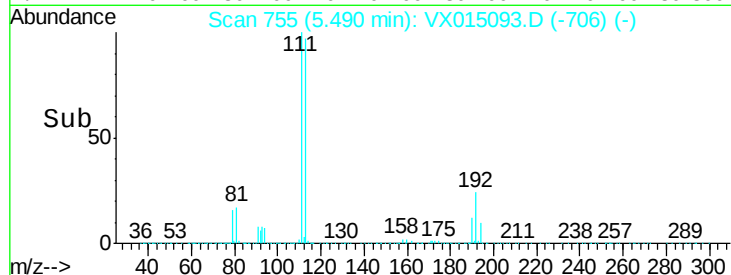
192 23.0 18.6 28.0



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



#50

Toluene-d8

Concen: 50.102 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015093.D

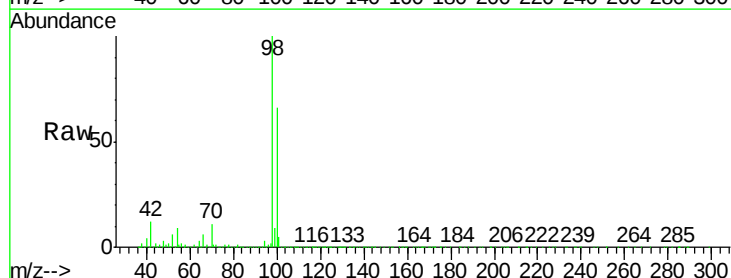
Acq: 04 Mar 2020 17:27

Tgt Ion: 98 Resp: 723308

Ion Ratio Lower Upper

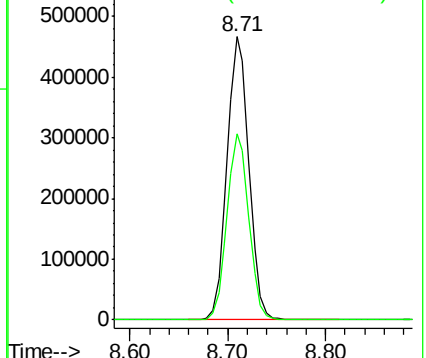
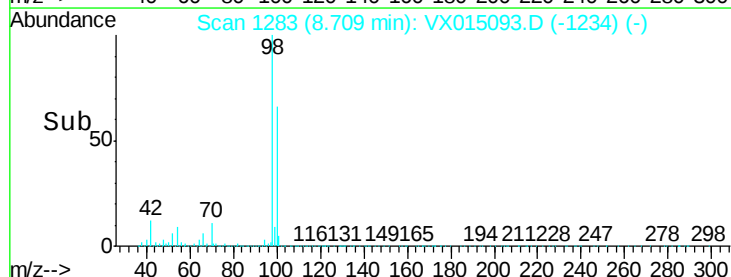
98 100

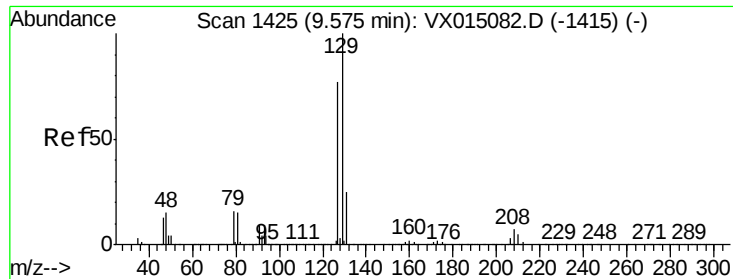
100 65.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#60

Dibromochloromethane

Concen: 1.190 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX015093.D

Acq: 04 Mar 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

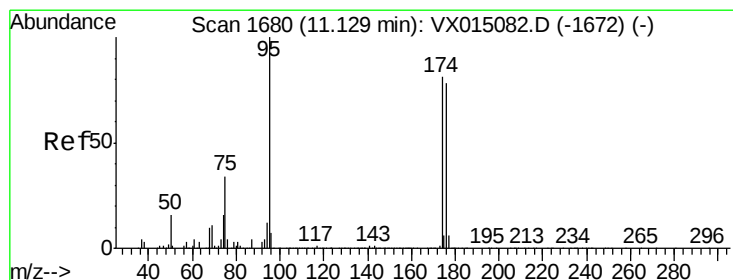
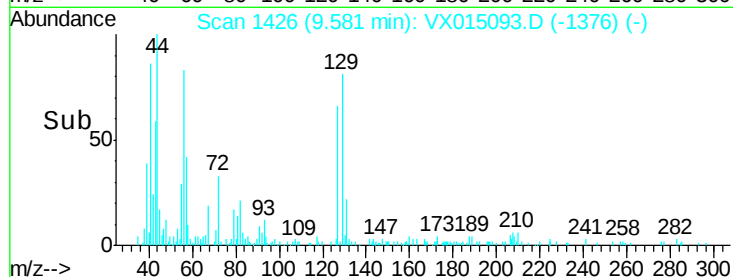
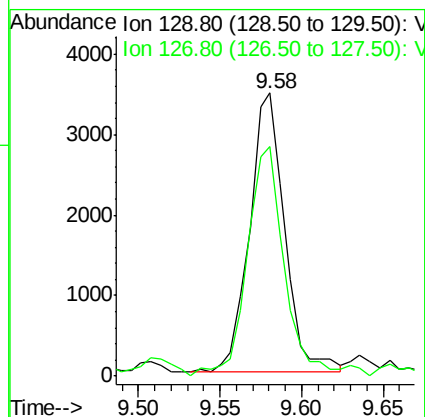
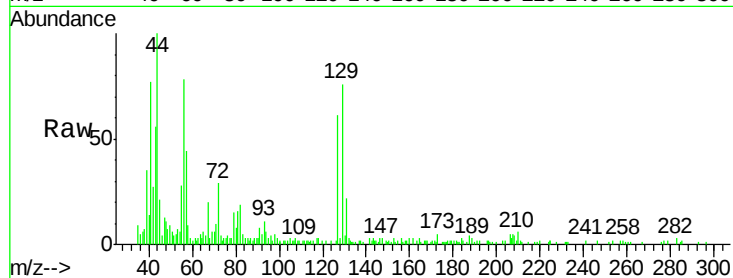
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Tot Ion:129 Resp: 5192

Ion Ratio Lower Upper

129 100

127 86.9 38.8 116.3



#62

4-Bromofluorobenzene

Concen: 51.771 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015093.D

Acq: 04 Mar 2020 17:27

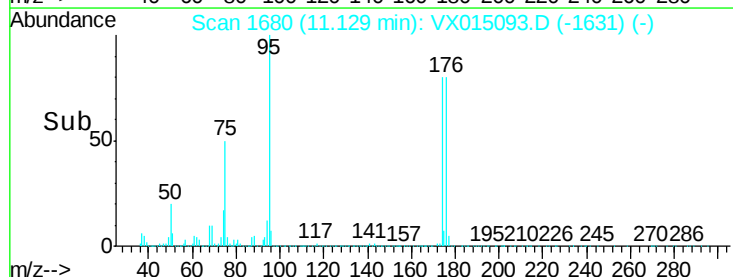
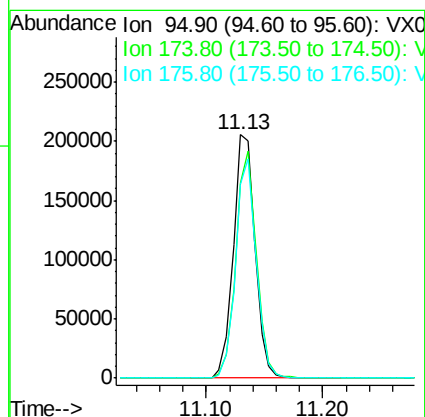
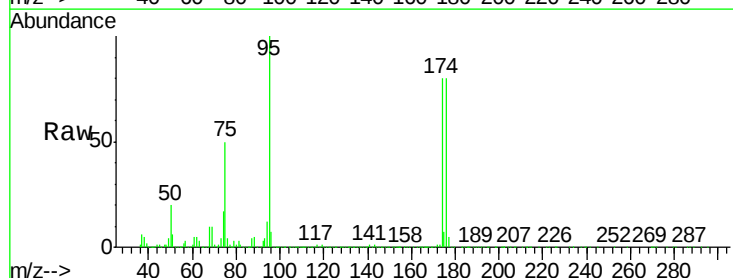
Tgt Ion: 95 Resp: 266593

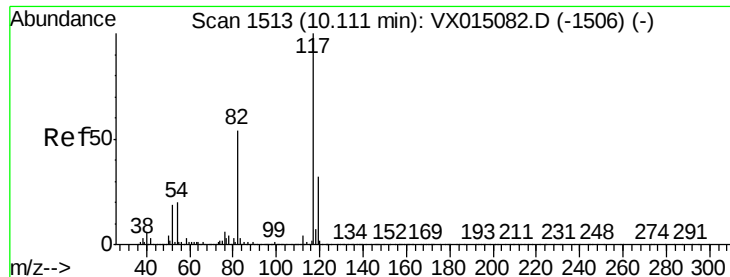
Ion Ratio Lower Upper

95 100

174 88.8 0.0 177.6

176 86.0 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX015093.D

Acq: 04 Mar 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-200303

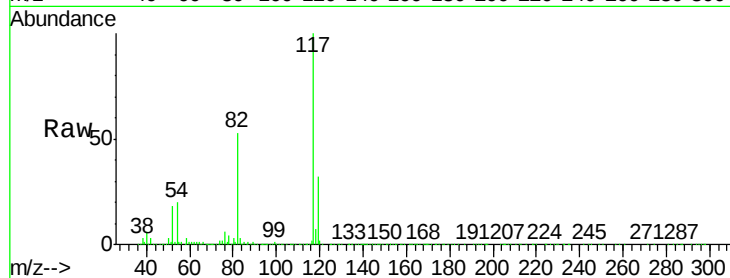
Tot Ion:117 Resp: 573995

Ion Ratio Lower Upper

117 100

82 52.7 43.3 64.9

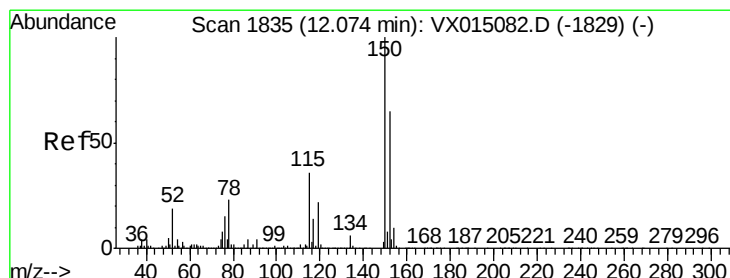
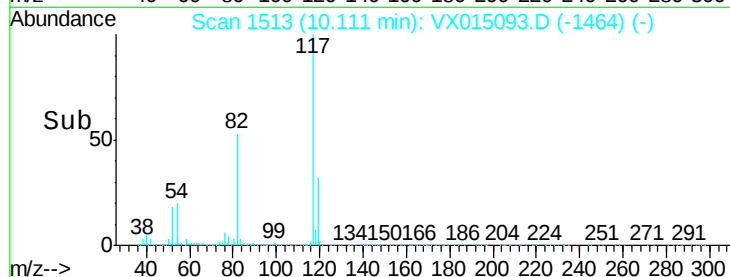
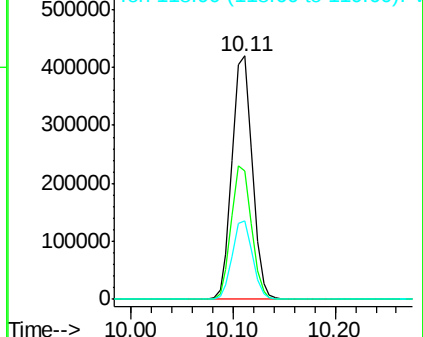
119 32.1 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX015093.D

Acq: 04 Mar 2020 17:27

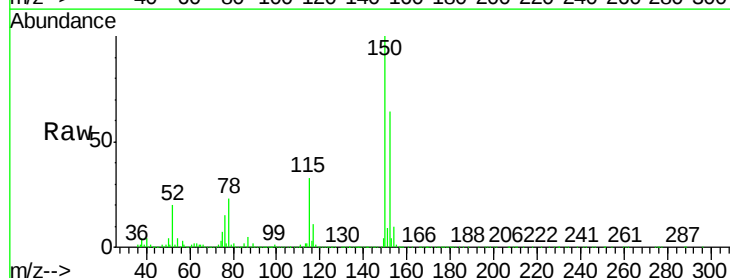
Tgt Ion:152 Resp: 290560

Ion Ratio Lower Upper

152 100

115 54.7 38.2 114.6

150 157.1 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

