

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031620\
 Data File : VX015292.D
 Acq On : 16 Mar 2020 14:27
 Operator : JC/SP
 Sample : L1903-20DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20200310DL

Quant Time: Mar 17 08:20:27 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

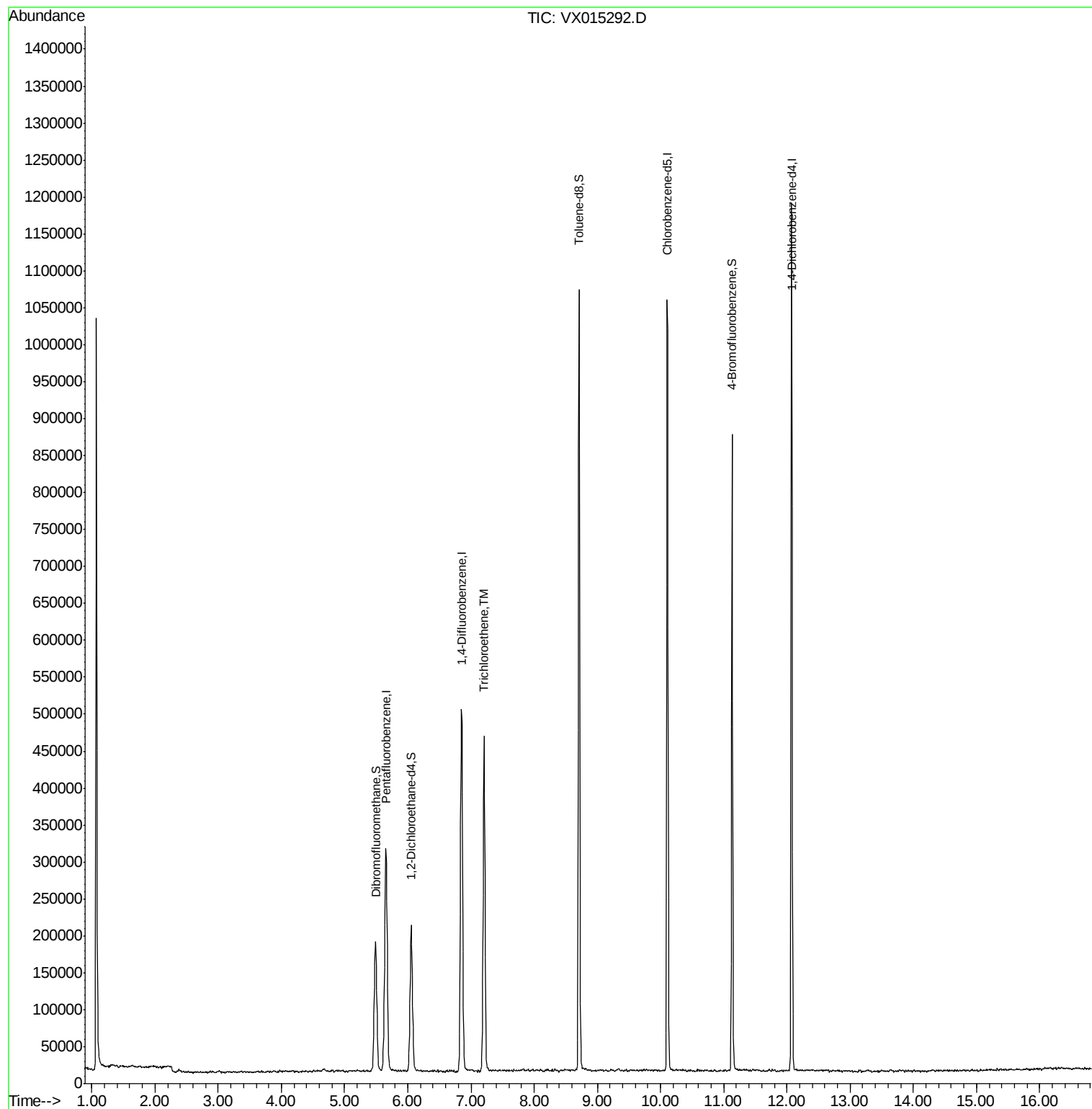
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	315128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	504737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	497784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	250320	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	180224	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
35) Dibromofluoromethane	5.49	113	153623	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
50) Toluene-d8	8.71	98	634065	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
62) 4-Bromofluorobenzene	11.13	95	231637	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
Target Compounds						
44) Trichloroethene	7.21	130	183166	47.509	ug/l	Qvalue 99

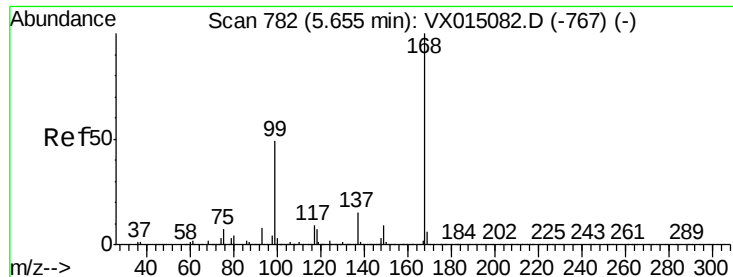
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015292.D

Acq: 16 Mar 2020 14:27

Instrument :

MSVOA_X

ClientSampleId :

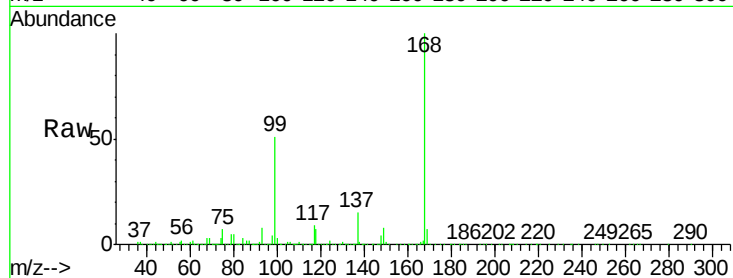
RE103D3-20200310DL

Tot Ion:168 Resp: 315128

Ion Ratio Lower Upper

168 100

99 50.6 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

120000

100000

80000

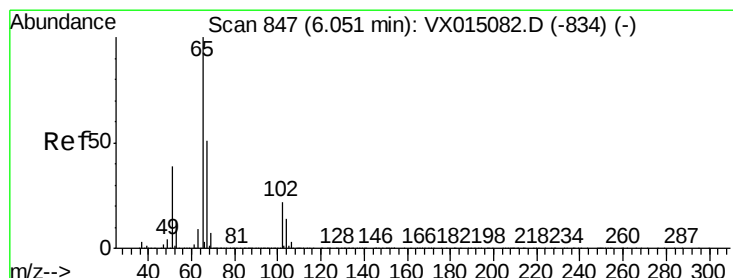
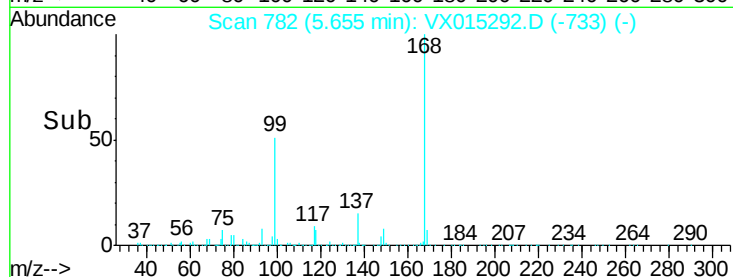
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.206 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015292.D

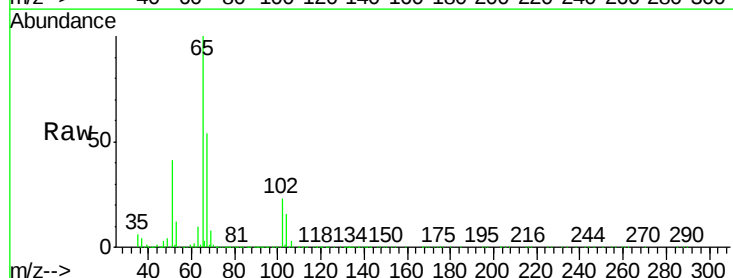
Acq: 16 Mar 2020 14:27

Tgt Ion: 65 Resp: 180224

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

80000

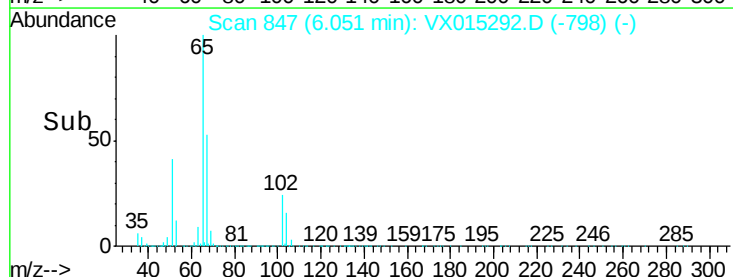
60000

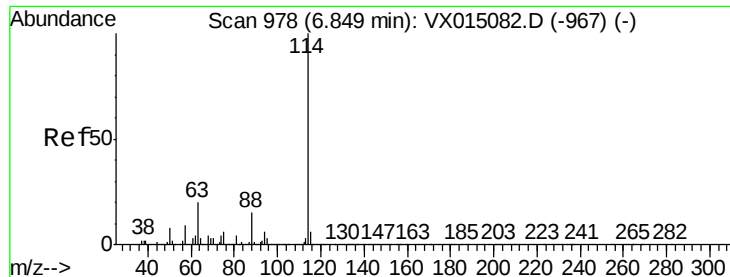
40000

20000

0

Time--> 5.90 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: VX015292.D

Acq: 16 Mar 2020 14:27

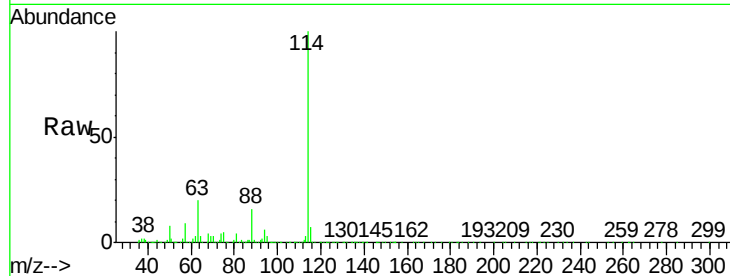
Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20200310DL

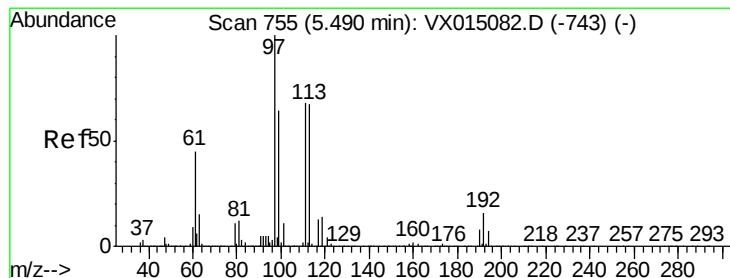
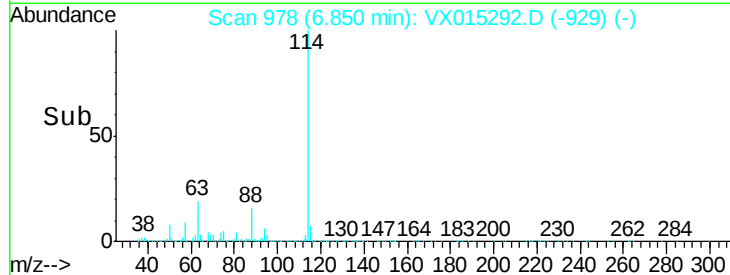
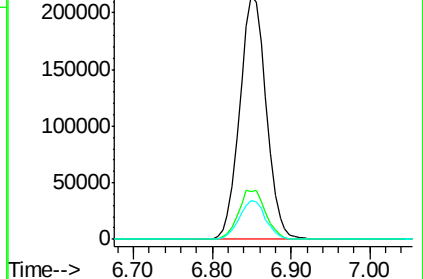
Tot Ion:114	Resp:	504737
Ion Ratio	Lower	Upper
114 100		
63 19.4	0.0	40.0
88 16.1	0.0	30.6



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: 48.245 ug/l

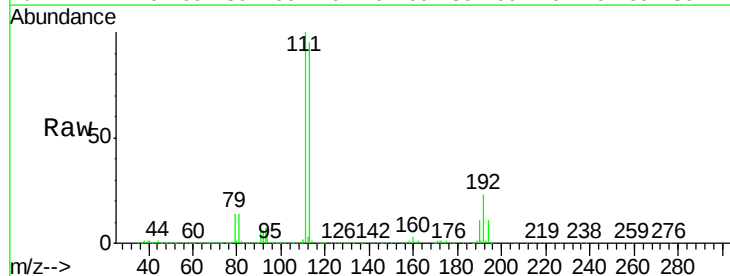
RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015292.D

Acq: 16 Mar 2020 14:27

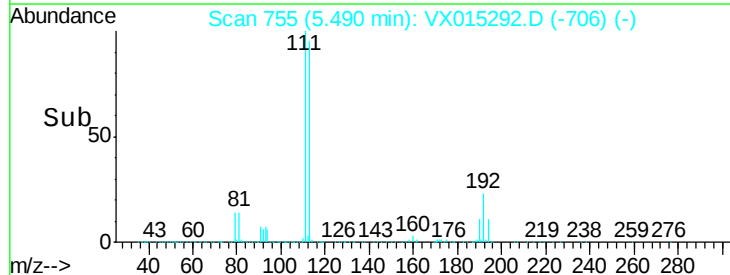
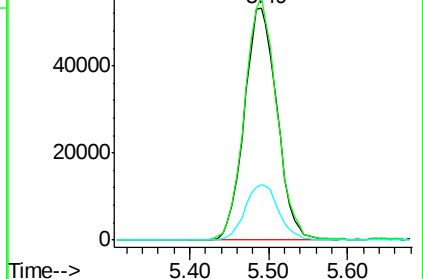
Tgt Ion:113	Resp:	153623
Ion Ratio	Lower	Upper
113 100		
111 102.7	82.6	123.8
192 24.8	18.6	28.0

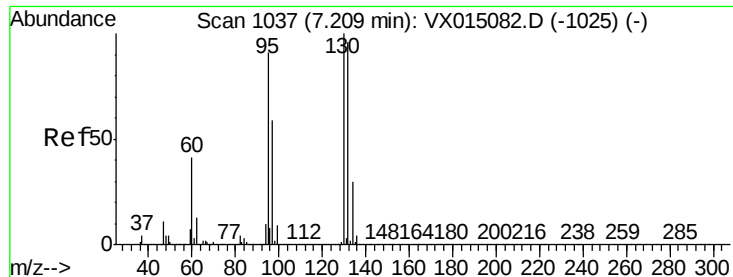


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 47.509 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015292.D

Acq: 16 Mar 2020 14:27

Instrument :

MSVOA_X

ClientSampleId :

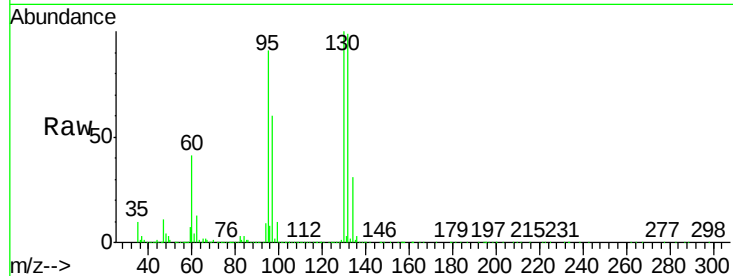
RE103D3-20200310DL

Tot Ion:130 Resp: 183166

Ion Ratio Lower Upper

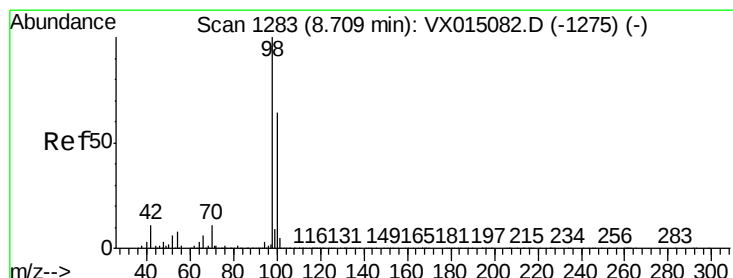
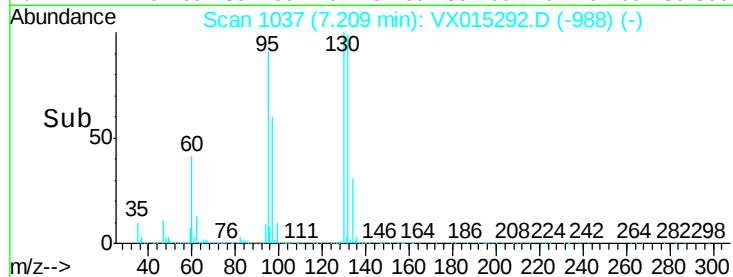
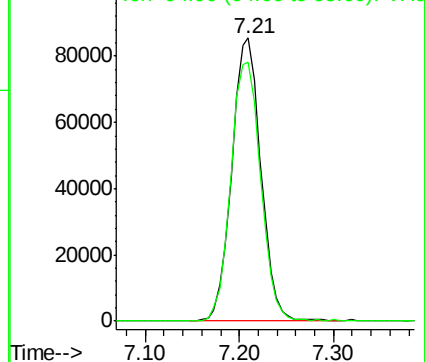
130 100

95 91.1 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 52.349 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015292.D

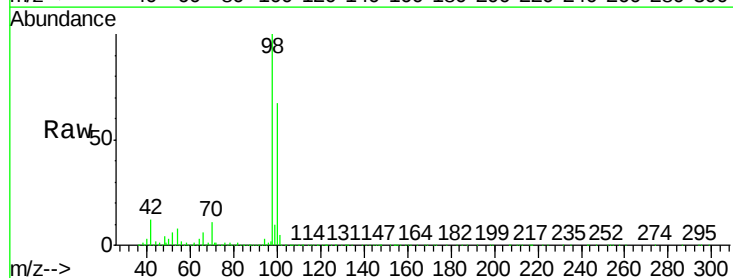
Acq: 16 Mar 2020 14:27

Tgt Ion: 98 Resp: 634065

Ion Ratio Lower Upper

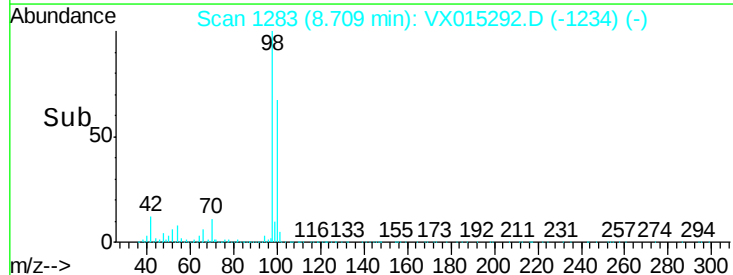
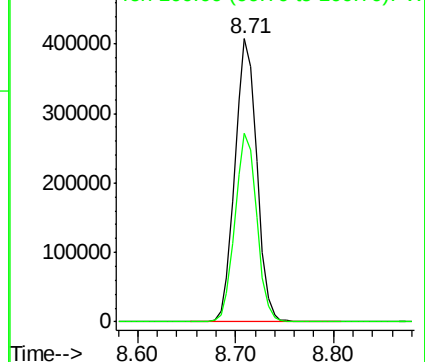
98 100

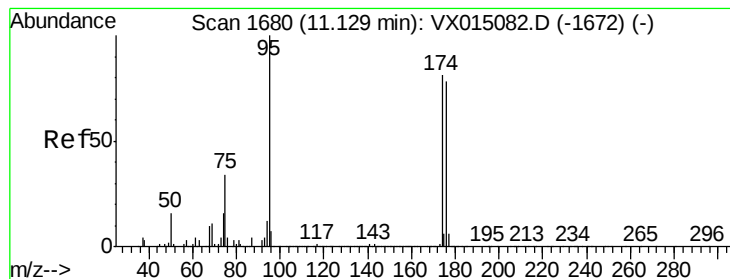
100 66.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.615 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015292.D

Acq: 16 Mar 2020 14:27

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20200310DL

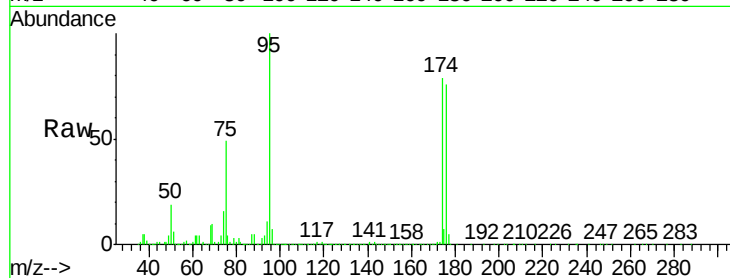
Tot Ion: 95 Resp: 231637

Ion Ratio Lower Upper

95 100

174 88.6 0.0 177.6

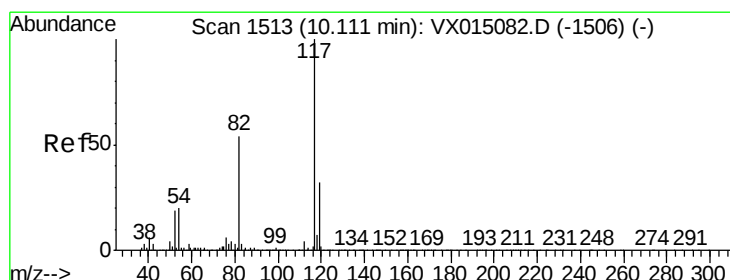
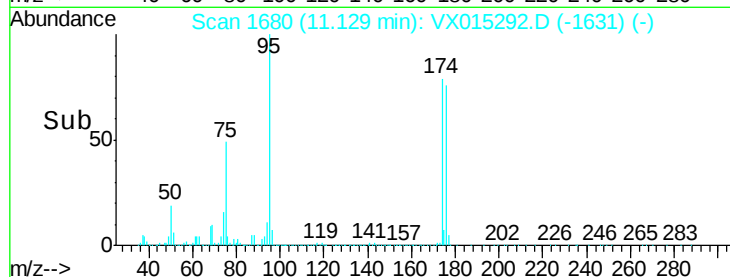
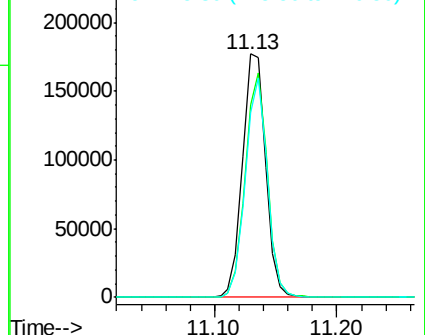
176 85.9 0.0 170.2



Abundance Ion 94.90 (94.60 to 95.60): VX015292.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX015292.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX015292.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX015292.D

Acq: 16 Mar 2020 14:27

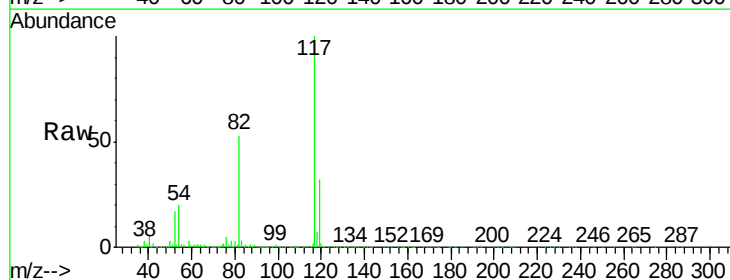
Tgt Ion: 117 Resp: 497784

Ion Ratio Lower Upper

117 100

82 52.9 43.3 64.9

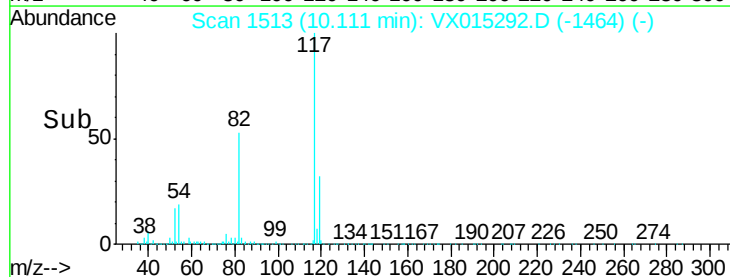
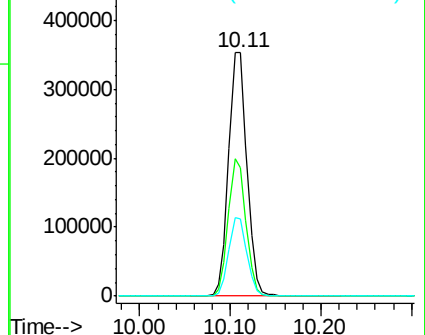
119 31.9 25.8 38.8

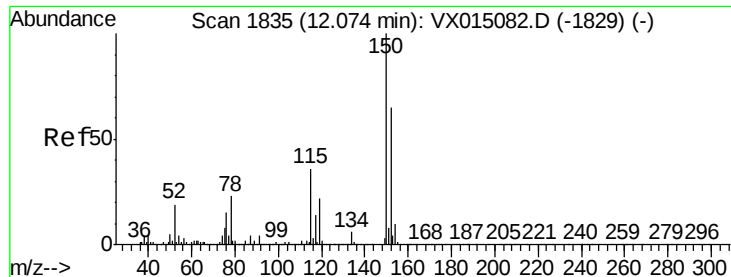


Abundance Ion 116.90 (116.60 to 117.60): VX015292.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX015292.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX015292.D (-1464) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015292.D

Acq: 16 Mar 2020 14:27

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20200310DL

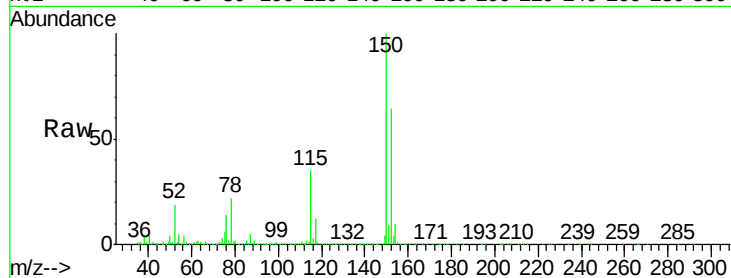
Tot Ion:152 Resp: 250320

Ion Ratio Lower Upper

152 100

115 56.0 38.2 114.6

150 157.7 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

