

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031620\
 Data File : VX015287.D
 Acq On : 16 Mar 2020 12:34
 Operator : JC/SP
 Sample : L1903-17DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20200310DL

Quant Time: Mar 17 08:07:19 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

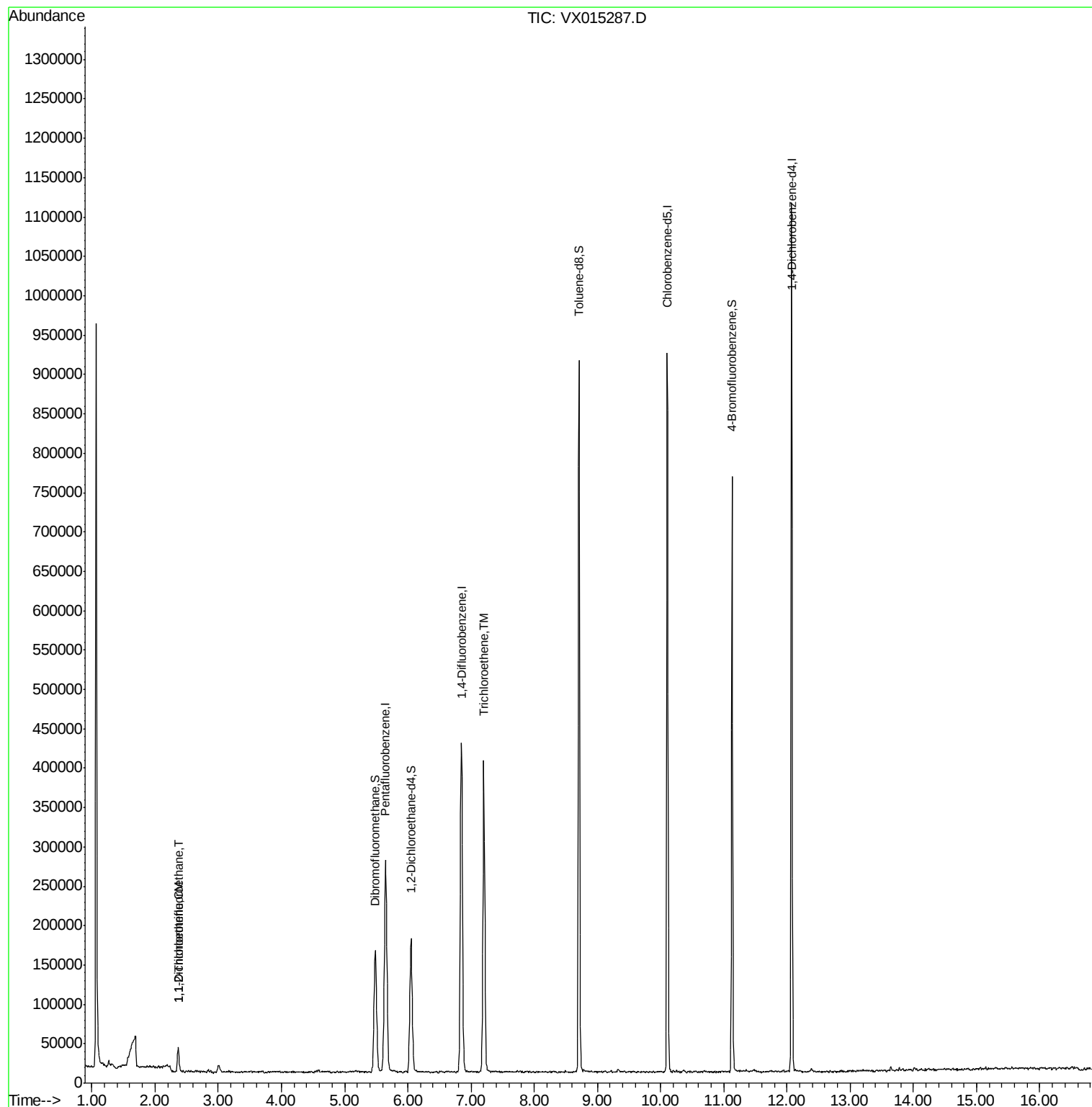
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	280242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	440541	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	424457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	232403	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	155709	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
35) Dibromofluoromethane	5.48	113	134109	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	8.71	98	531660	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.13	95	208016	55.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.32%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	10239	3.880	ug/l	97
12) 1,1-Dichloroethene	2.36	96	4040	1.483	ug/l #	81
44) Trichloroethene	7.20	130	160974	47.838	ug/l	94

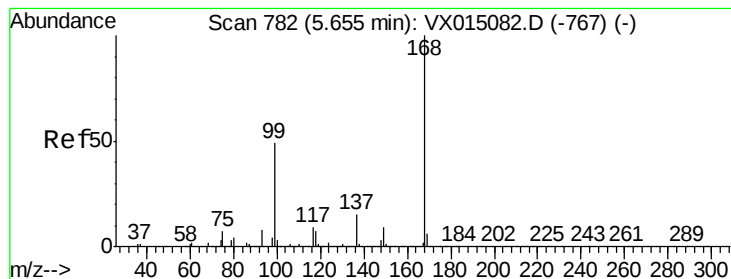
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015287.D

Acq: 16 Mar 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

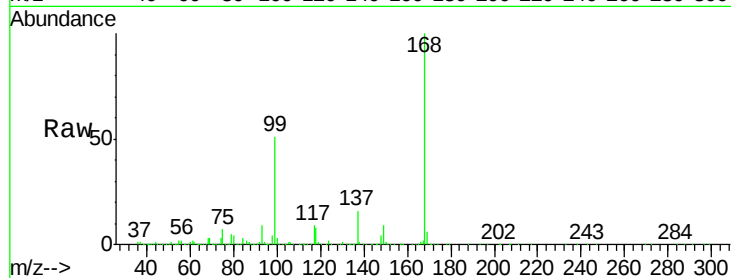
TT101D1-20200310DL

Tot Ion:168 Resp: 280242

Ion Ratio Lower Upper

168 100

99 51.1 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

100000

80000

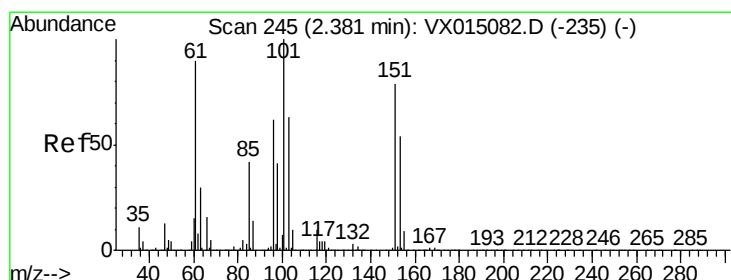
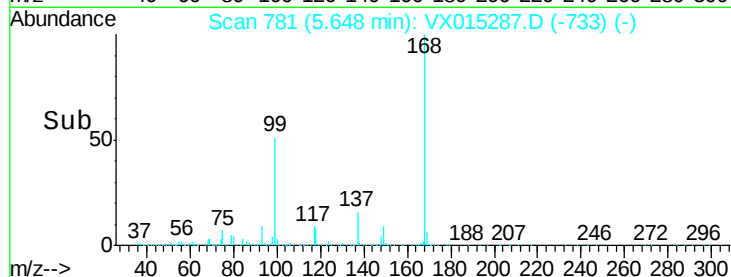
60000

40000

20000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.880 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX015287.D

Acq: 16 Mar 2020 12:34

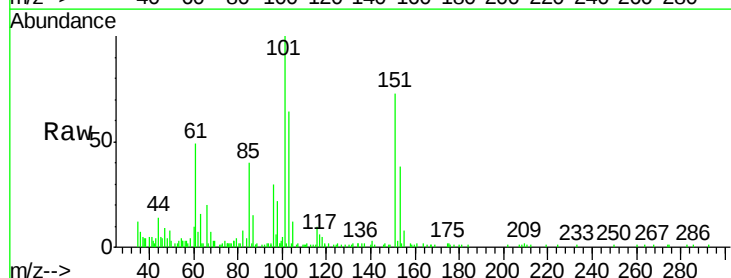
Tgt Ion:101 Resp: 10239

Ion Ratio Lower Upper

101 100

85 44.5 33.7 50.5

151 77.7 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.37

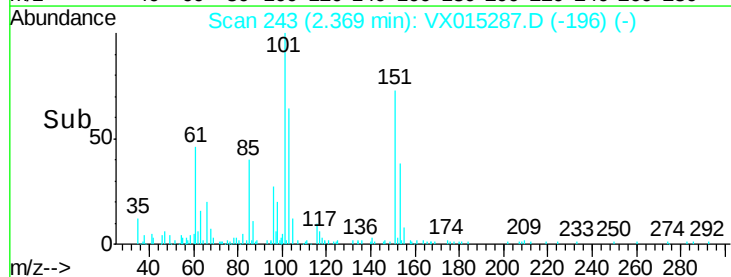
6000

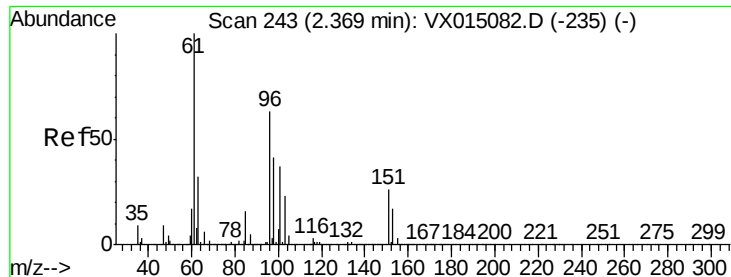
4000

2000

0

Time-->





#12

1,1-Dichloroethene

Concen: 1.483 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX015287.D

Acq: 16 Mar 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20200310DL

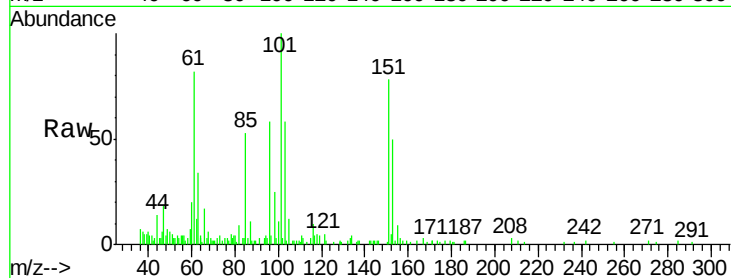
Tot Ion: 96 Resp: 4040

Ion Ratio Lower Upper

96 100

61 139.4 126.2 189.4

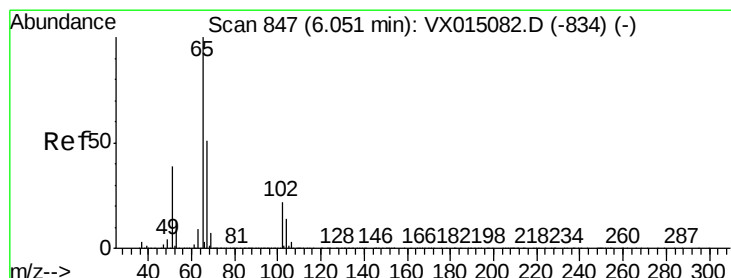
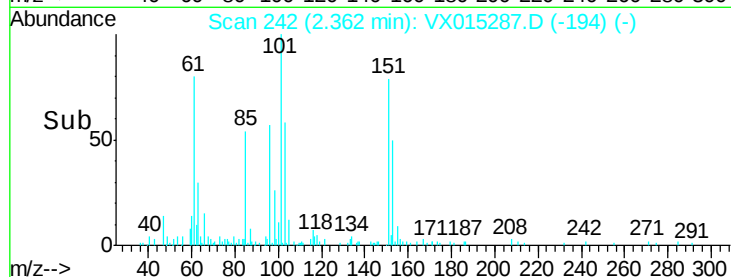
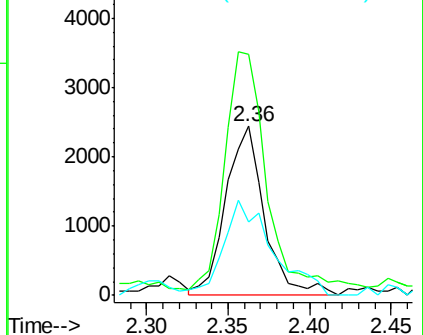
98 40.7 51.4 77.0#



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



#33

1,2-Dichloroethane-d4

Concen: 46.834 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX015287.D

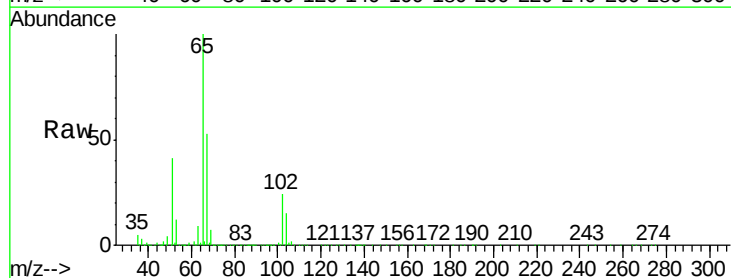
Acq: 16 Mar 2020 12:34

Tgt Ion: 65 Resp: 155709

Ion Ratio Lower Upper

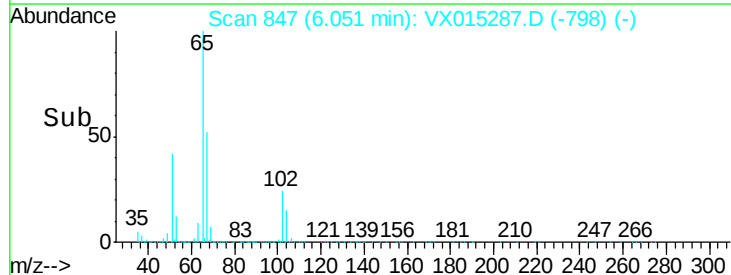
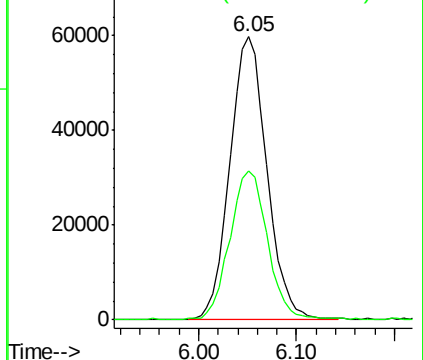
65 100

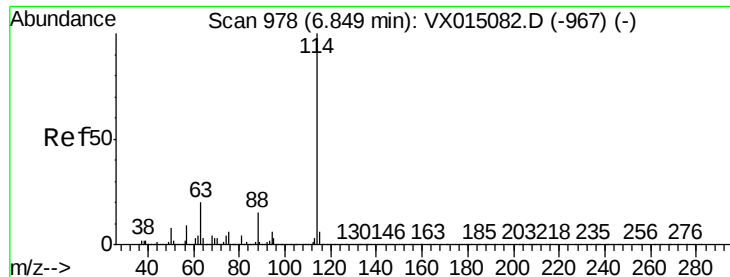
67 53.9 0.0 105.6



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: VX015287.D

Acq: 16 Mar 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20200310DL

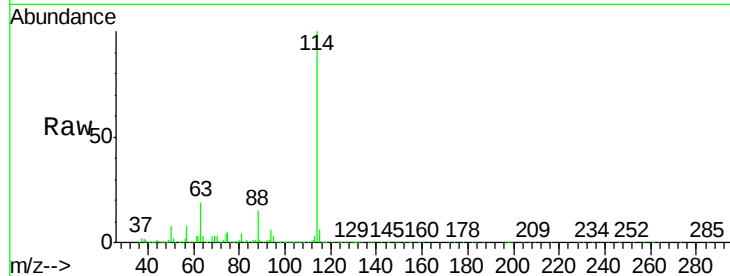
Tot Ion:114 Resp: 440541

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 15.5 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

250000

200000

150000

100000

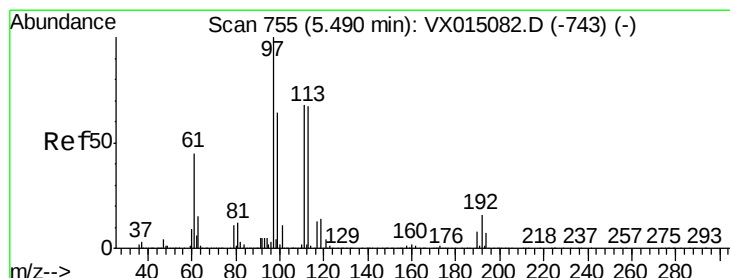
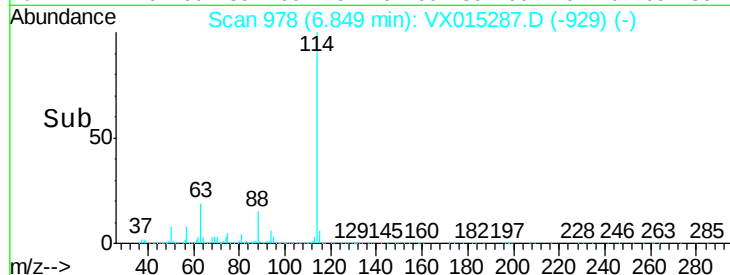
50000

0

6.85

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 48.254 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015287.D

Acq: 16 Mar 2020 12:34

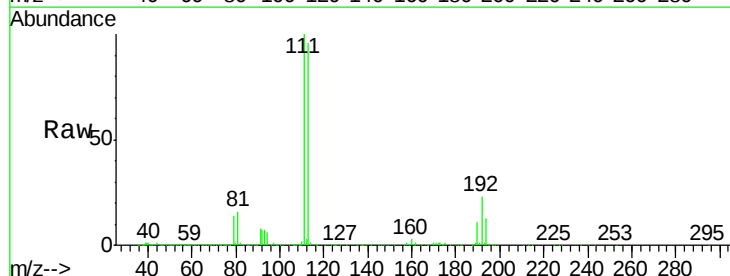
Tgt Ion:113 Resp: 134109

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 23.7 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

60000

50000

40000

30000

20000

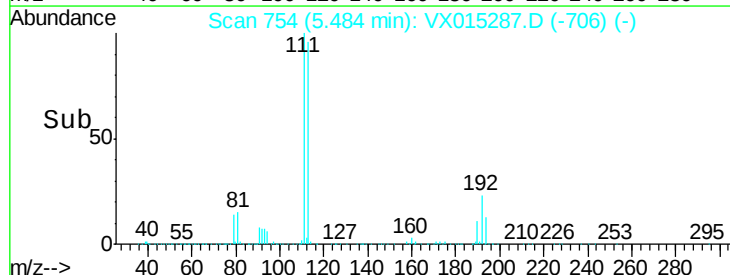
10000

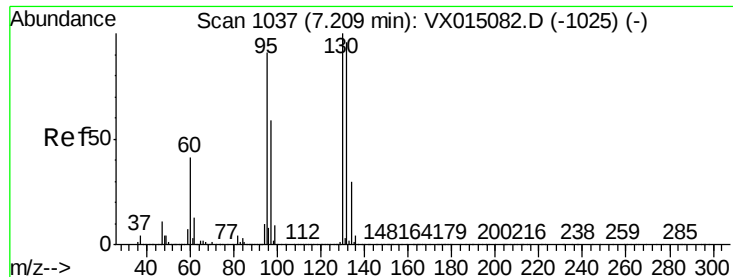
0

5.48

5.40 5.50 5.60

Time-->





#44

Trichloroethene

Concen: 47.838 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015287.D

Acq: 16 Mar 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

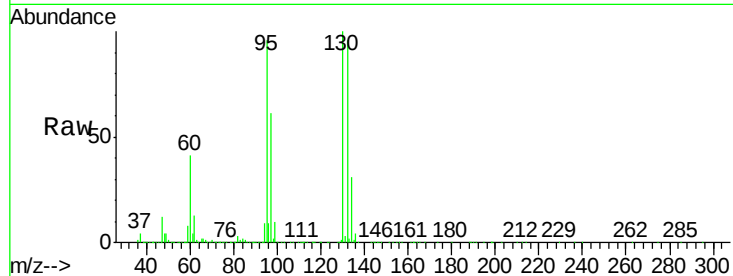
TT101D1-20200310DL

Tot Ion:130 Resp: 160974

Ion Ratio Lower Upper

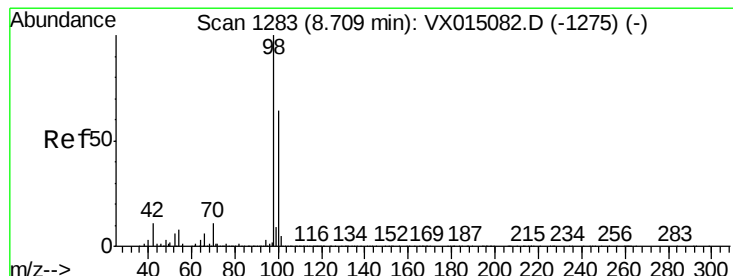
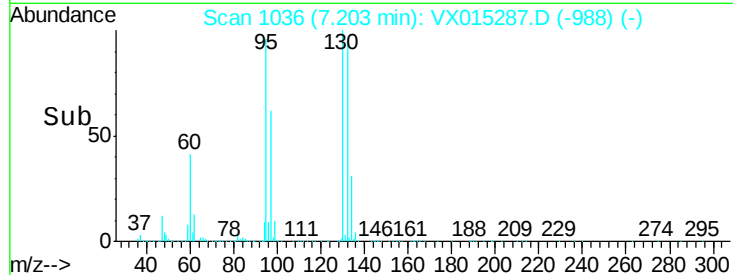
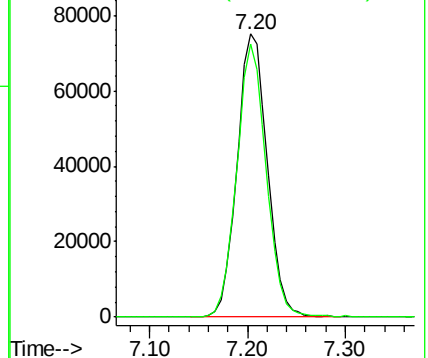
130 100

95 96.3 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): VX015287.D

Ion 94.90 (94.60 to 95.60): VX015287.D



#50

Toluene-d8

Concen: 50.290 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015287.D

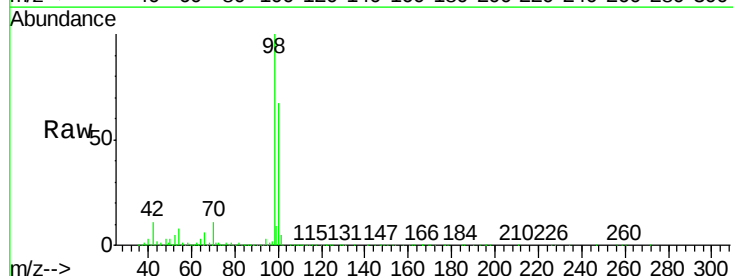
Acq: 16 Mar 2020 12:34

Tgt Ion: 98 Resp: 531660

Ion Ratio Lower Upper

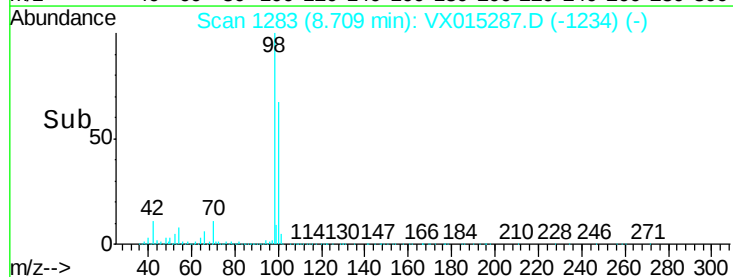
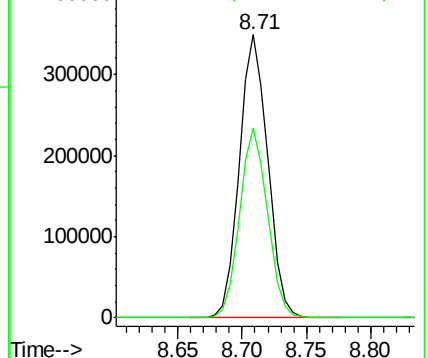
98 100

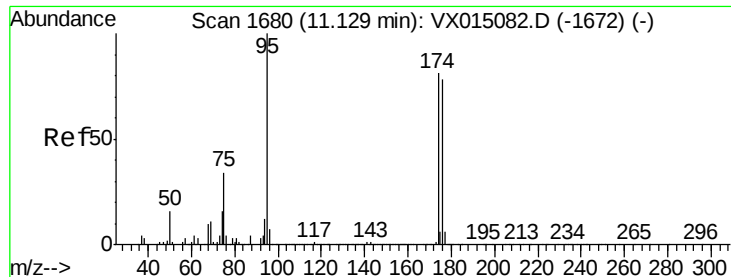
100 65.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX015287.D

Ion 100.00 (99.70 to 100.70): VX015287.D





#62

4-Bromofluorobenzene

Concen: 55.164 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015287.D

Acq: 16 Mar 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20200310DL

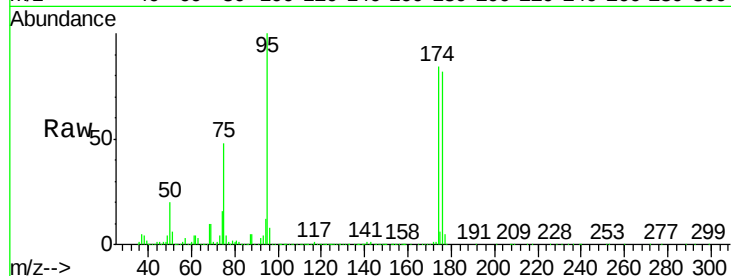
Tot Ion: 95 Resp: 208016

Ion Ratio Lower Upper

95 100

174 88.5 0.0 177.6

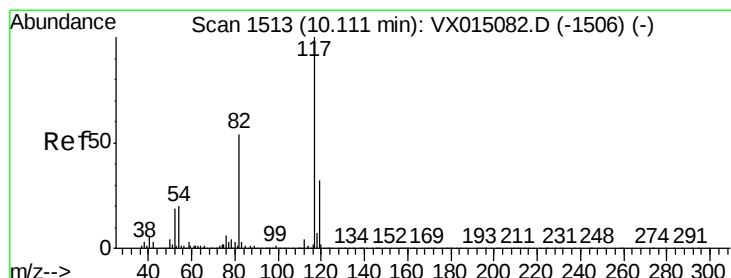
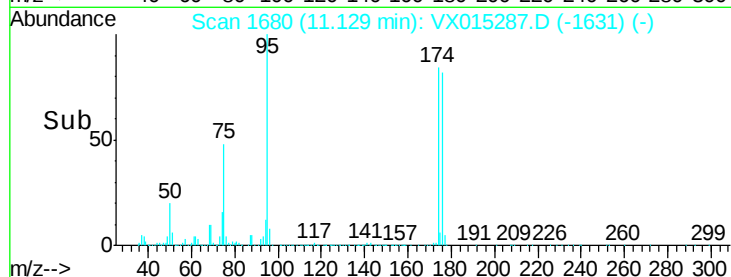
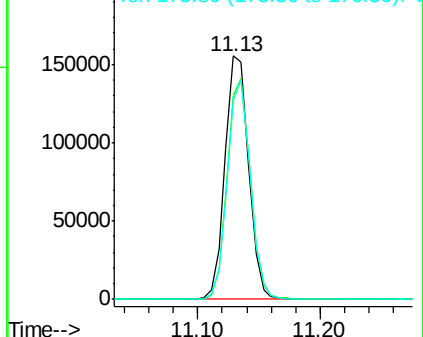
176 87.1 0.0 170.2



Abundance Ion 94.90 (94.60 to 95.60): VX015287.D (-1672) (-)

Ion 173.80 (173.50 to 174.50): VX015287.D (-1672) (-)

Ion 175.80 (175.50 to 176.50): VX015287.D (-1672) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX015287.D

Acq: 16 Mar 2020 12:34

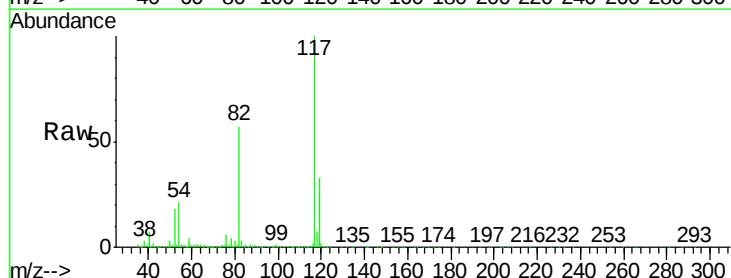
Tgt Ion: 117 Resp: 424457

Ion Ratio Lower Upper

117 100

82 57.0 43.3 64.9

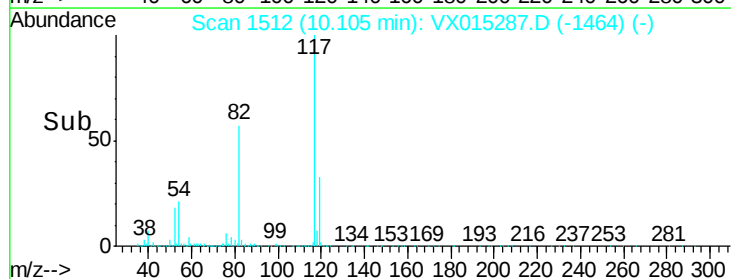
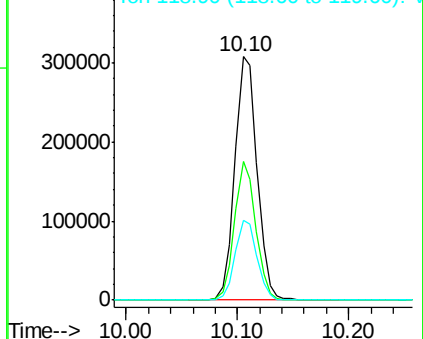
119 32.8 25.8 38.8

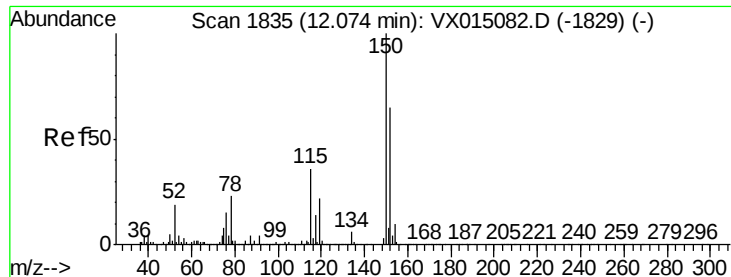


Abundance Ion 116.90 (116.60 to 117.60): VX015287.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX015287.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX015287.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: VX015287.D

Acq: 16 Mar 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20200310DL

Tot Ion:152 Resp: 232403

Ion Ratio Lower Upper

152 100

115 54.4 38.2 114.6

150 153.7 0.0 343.8

