

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031620\
 Data File : VX015298.D
 Acq On : 16 Mar 2020 16:43
 Operator : JC/SP
 Sample : L1945-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D1-20200312

Quant Time: Mar 17 08:34:50 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

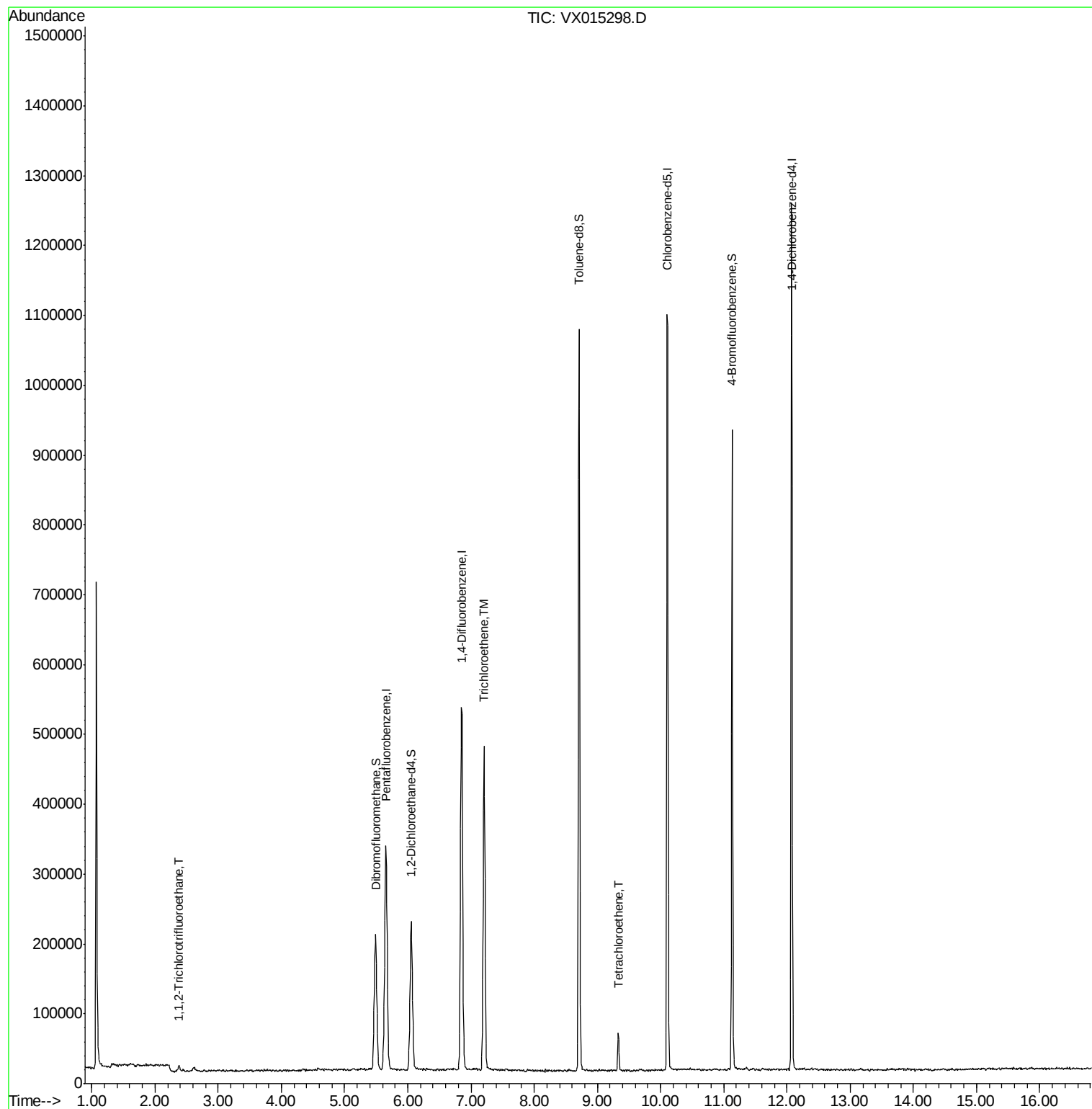
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	331061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	543183	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	523476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	263401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	196437	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
35) Dibromofluoromethane	5.49	113	166522	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
50) Toluene-d8	8.71	98	635649	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	11.13	95	242246	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	3407	1.093	ug/l	87
44) Trichloroethene	7.21	130	187126	45.101	ug/l	96
64) Tetrachloroethene	9.33	164	11693	2.702	ug/l	96

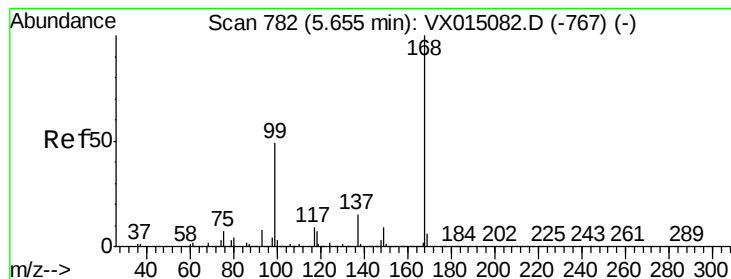
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015298.D

Acq: 16 Mar 2020 16:43

Instrument :

MSVOA_X

ClientSampleId :

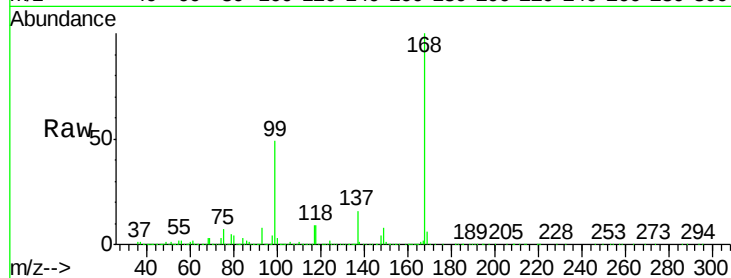
RE104D1-20200312

Tot Ion:168 Resp: 331061

Ion Ratio Lower Upper

168 100

99 49.4 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

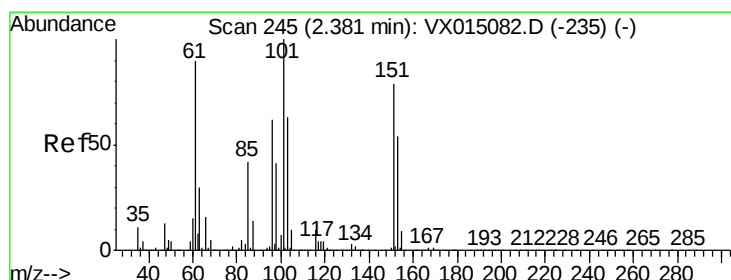
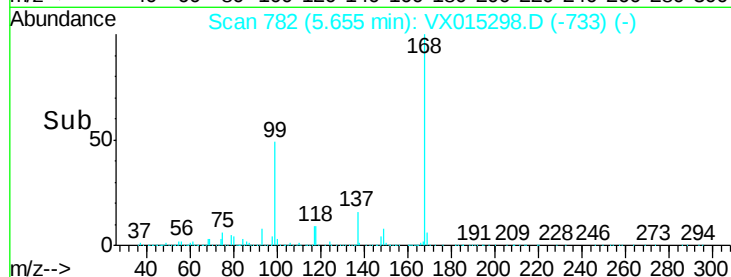
5.65

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.093 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015298.D

Acq: 16 Mar 2020 16:43

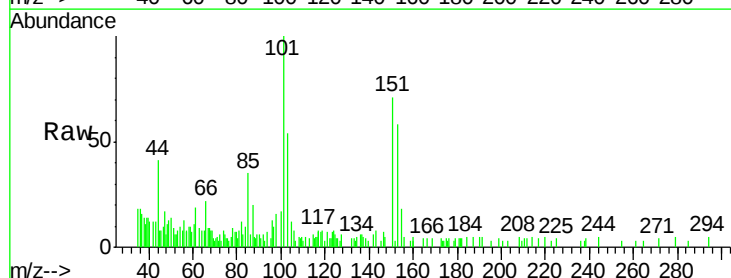
Tgt Ion:101 Resp: 3407

Ion Ratio Lower Upper

101 100

85 45.5 33.7 50.5

151 95.7 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

2.38

2500

2000

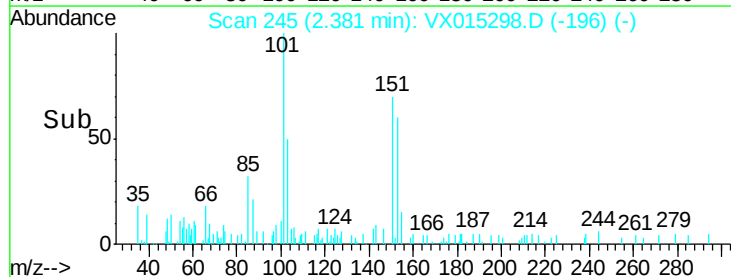
1500

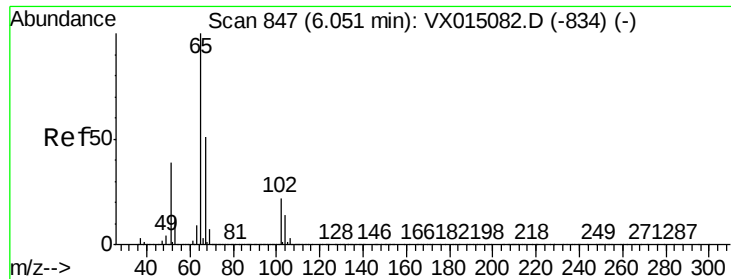
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.014 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015298.D

Acq: 16 Mar 2020 16:43

Instrument :

MSVOA_X

ClientSampleId :

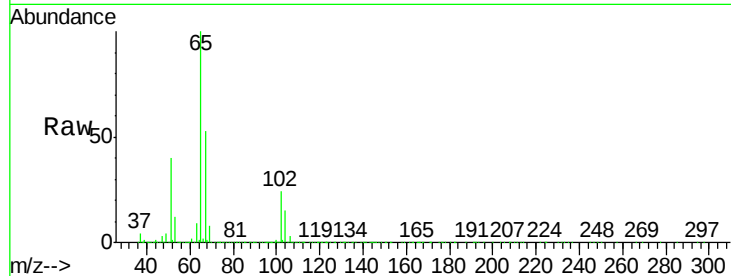
RE104D1-20200312

Tot Ion: 65 Resp: 196437

Ion Ratio Lower Upper

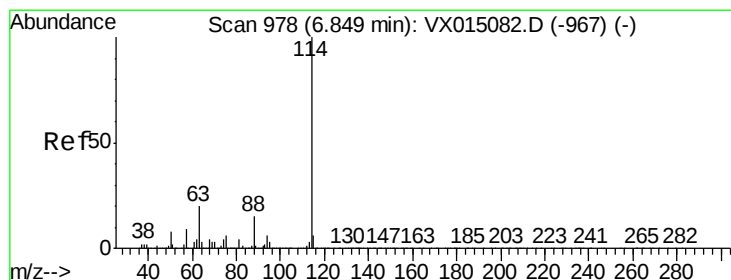
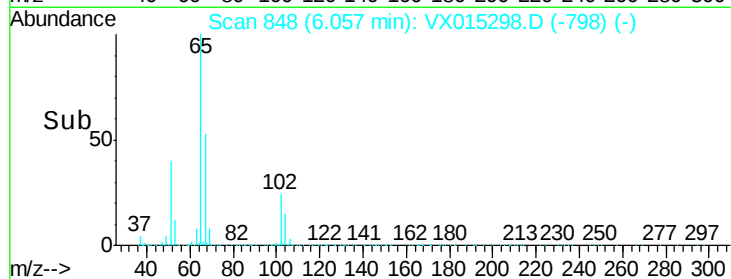
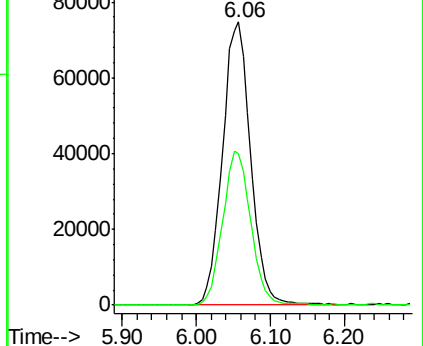
65 100

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: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX015298.D

Acq: 16 Mar 2020 16:43

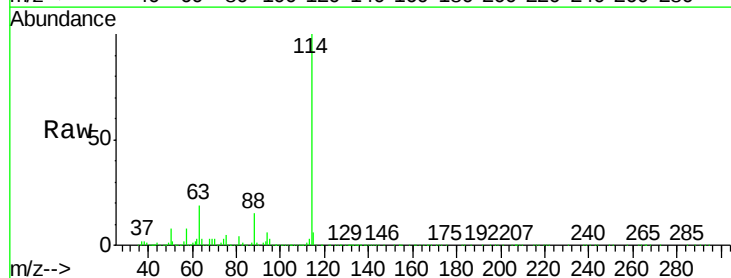
Tgt Ion: 114 Resp: 543183

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

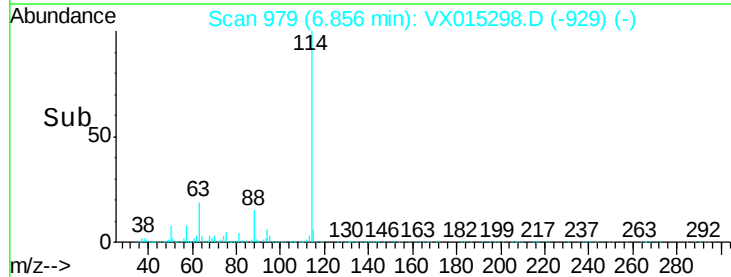
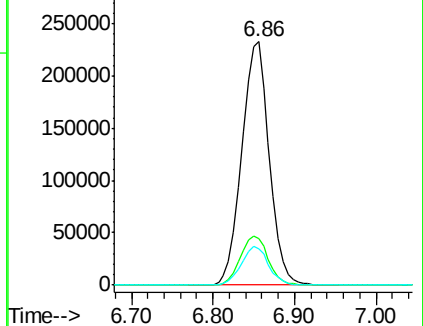
88 14.8 0.0 30.6

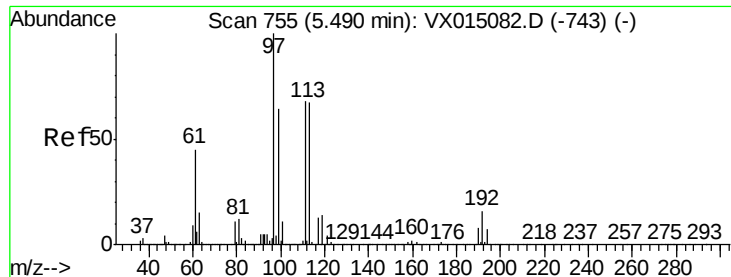


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

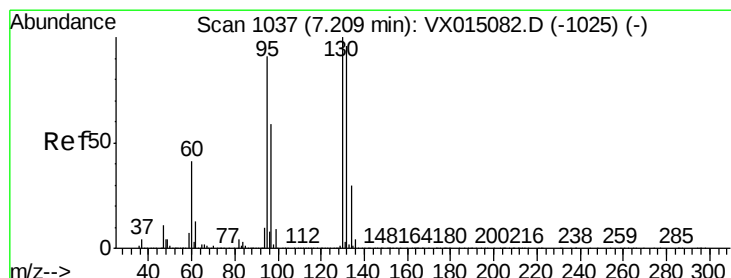
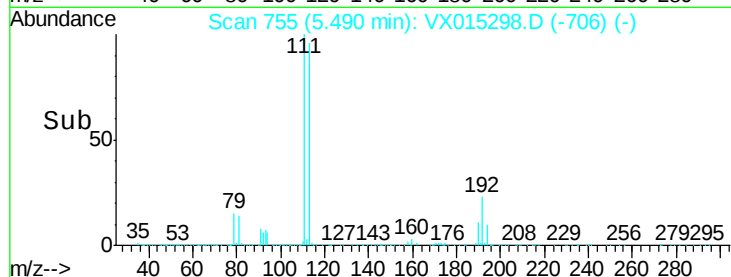
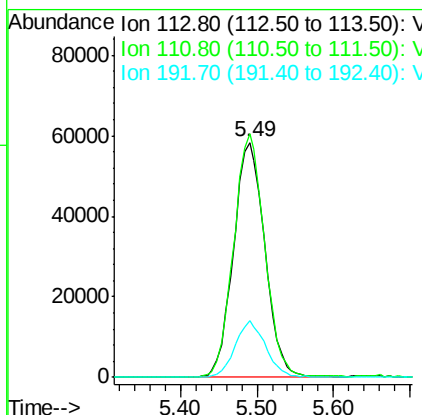
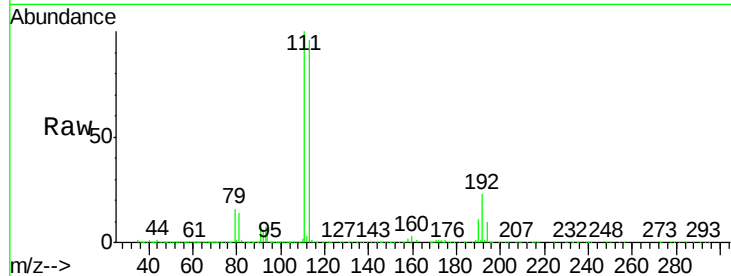




#35
 Dibromofluoromethane
 Concen: 48.594 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX015298.D
 Acq: 16 Mar 2020 16:43

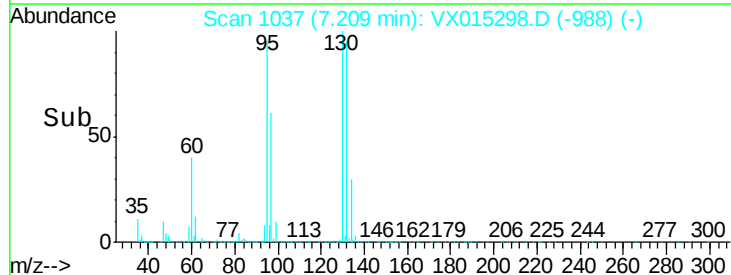
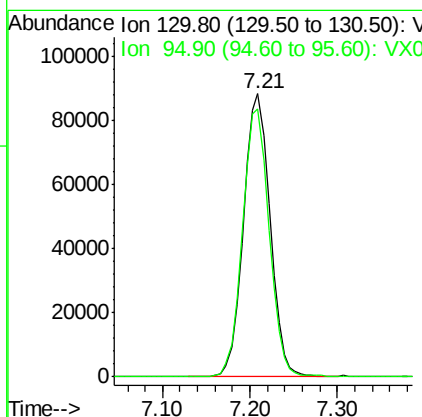
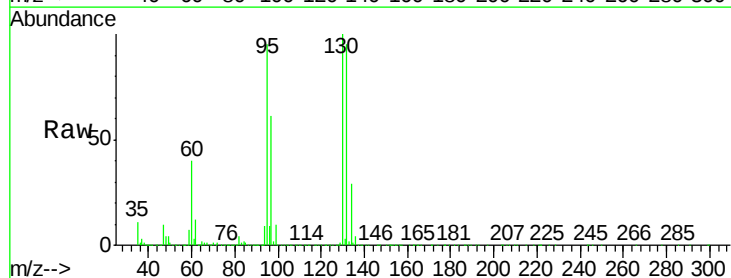
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D1-20200312

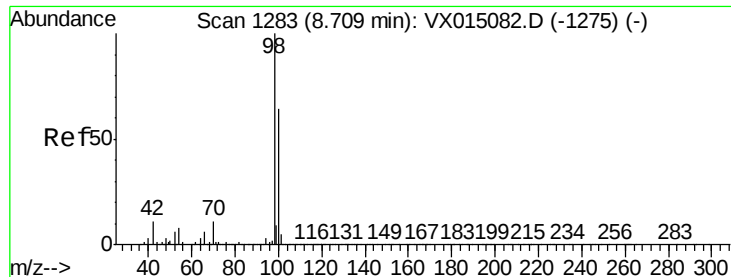
Tot Ion:113 Resp: 166522
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.6 123.8
 192 23.5 18.6 28.0



#44
 Trichloroethene
 Concen: 45.101 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX015298.D
 Acq: 16 Mar 2020 16:43

Tgt Ion:130 Resp: 187126
 Ion Ratio Lower Upper
 130 100
 95 94.3 0.0 181.2





#50

Toluene-d8

Concen: 48.765 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015298.D

Acq: 16 Mar 2020 16:43

Instrument :

MSVOA_X

ClientSampleId :

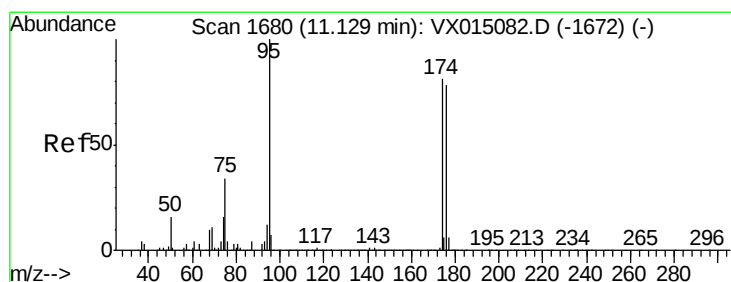
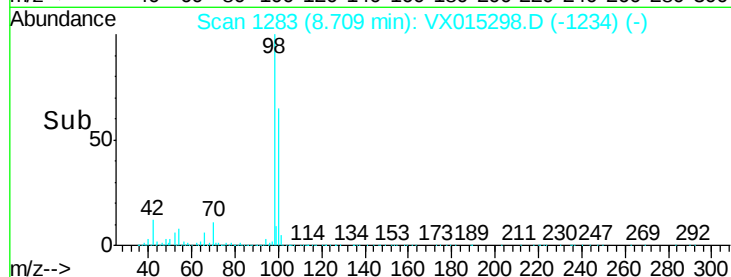
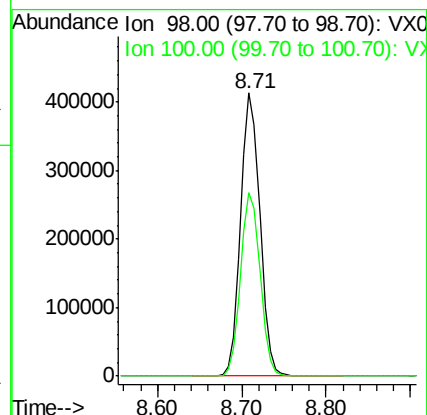
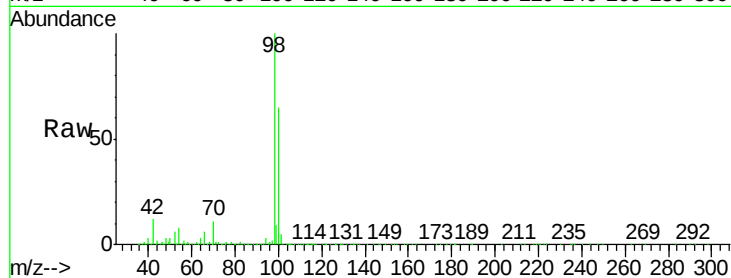
RE104D1-20200312

Tot Ion: 98 Resp: 635649

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 52.102 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015298.D

Acq: 16 Mar 2020 16:43

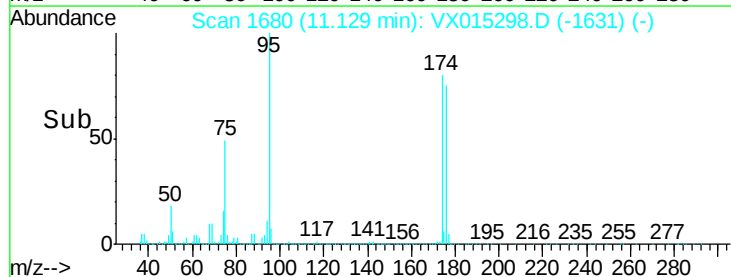
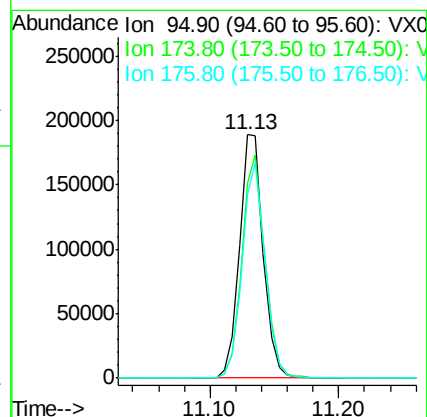
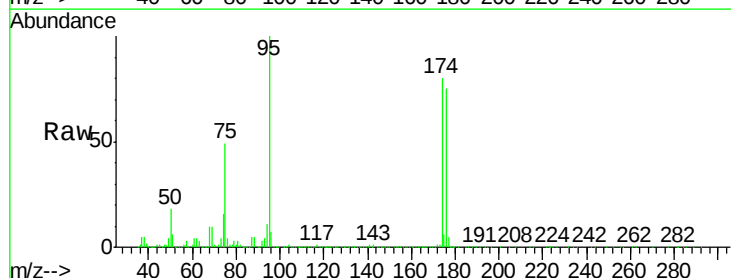
Tgt Ion: 95 Resp: 242246

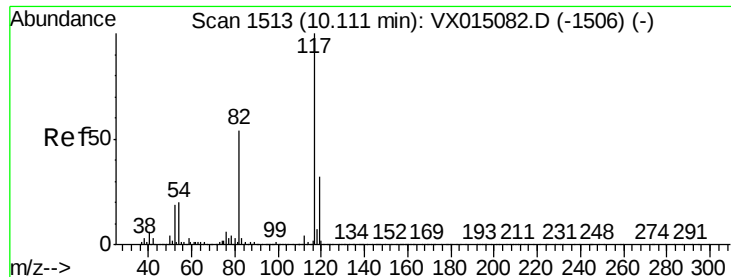
Ion Ratio Lower Upper

95 100

174 88.7 0.0 177.6

176 85.1 0.0 170.2

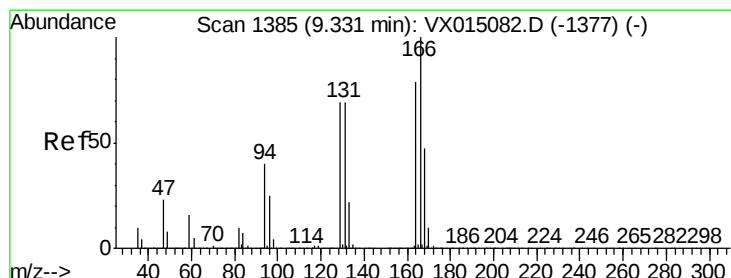
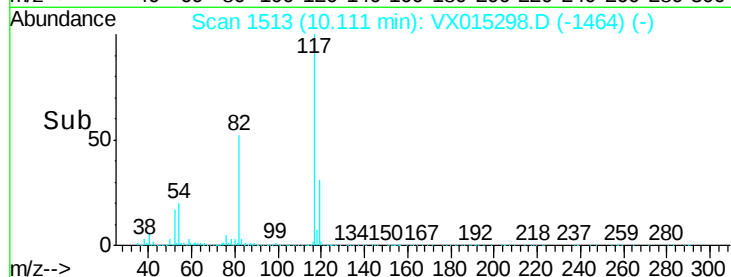
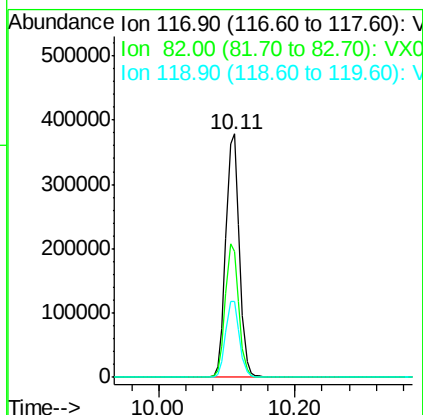
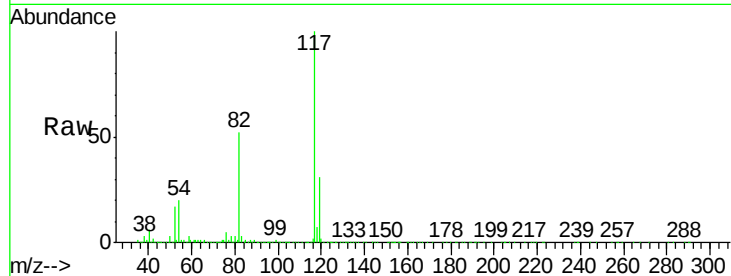




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015298.D
Acq: 16 Mar 2020 16:43

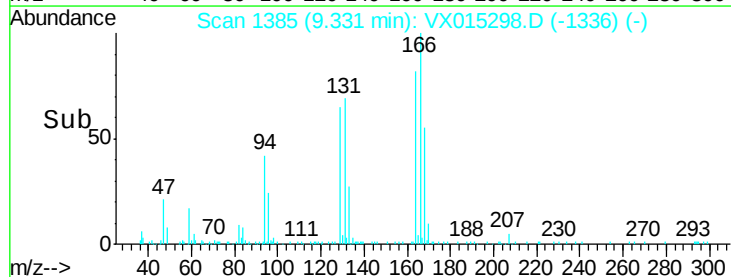
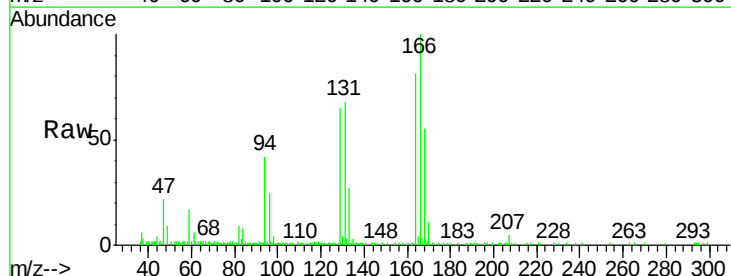
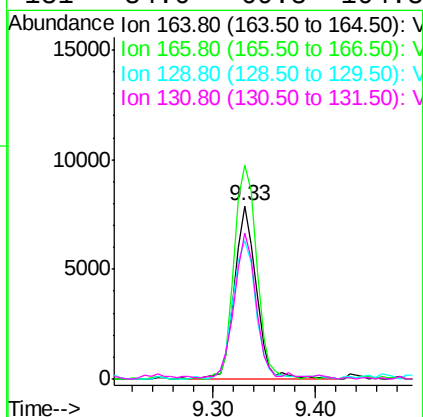
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20200312

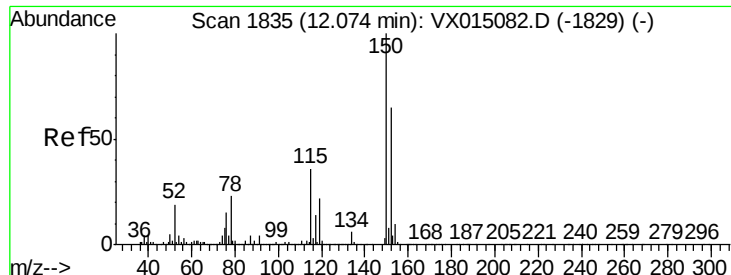
Tot Ion:117 Resp: 523476
Ion Ratio Lower Upper
117 100
82 51.7 43.3 64.9
119 31.3 25.8 38.8



#64
Tetrachloroethene
Concen: 2.702 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015298.D
Acq: 16 Mar 2020 16:43

Tgt Ion:164 Resp: 11693
Ion Ratio Lower Upper
164 100
166 123.3 101.1 151.7
129 79.8 69.4 104.0
131 84.0 69.8 104.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015298.D

Acq: 16 Mar 2020 16:43

Instrument :

MSVOA_X

ClientSampleId :

RE104D1-20200312

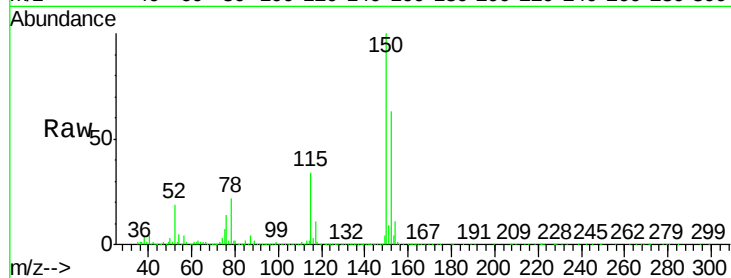
Tot Ion:152 Resp: 263401

Ion Ratio Lower Upper

152 100

115 55.2 38.2 114.6

150 157.8 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

