

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031620\
 Data File : VX015305.D
 Acq On : 16 Mar 2020 19:43
 Operator : JC/SP
 Sample : L1945-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20200312

Quant Time: Mar 17 08:57:42 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

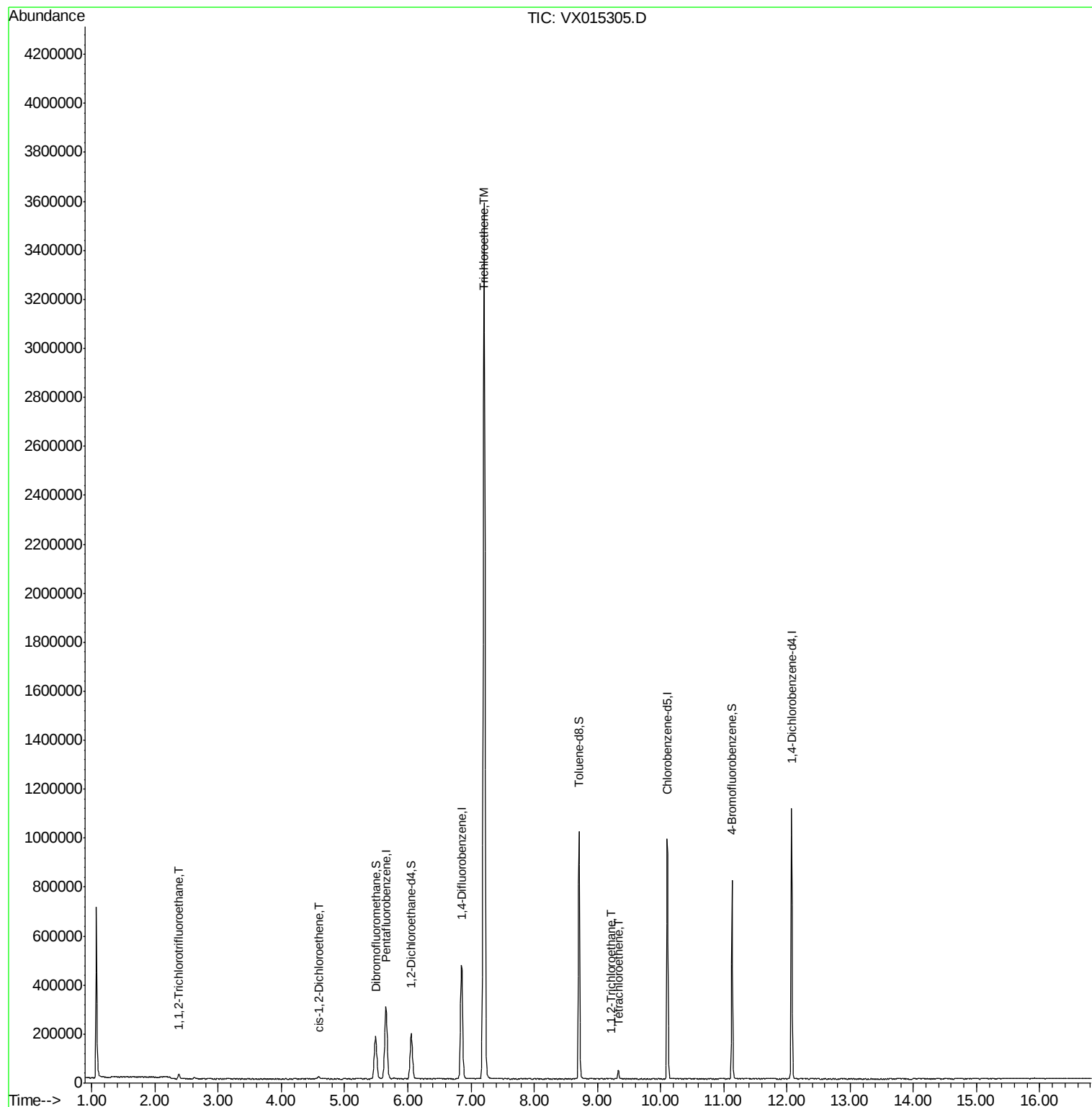
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	302182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	478557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	469629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	236497	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	170550	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
35) Dibromofluoromethane	5.49	113	149716	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
50) Toluene-d8	8.71	98	591856	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	11.13	95	219385	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.38	101	8000	2.812	ug/l #	94
27) cis-1,2-Dichloroethene	4.58	96	5542	1.575	ug/l	90
44) Trichloroethene	7.21	130	1419730	388.393	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	1250	0.378	ug/l #	80
64) Tetrachloroethene	9.33	164	7596	1.956	ug/l	96

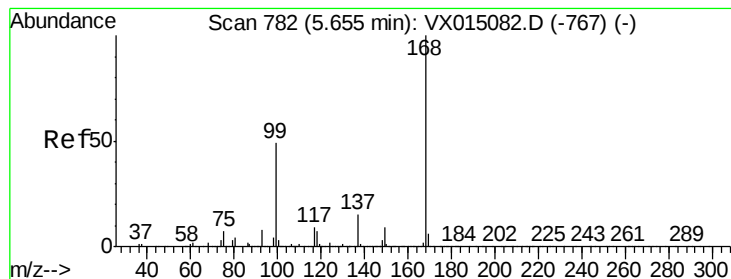
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031620\
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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# 782

Delta R.T. 0.00 min

Lab File: VX015305.D

Acq: 16 Mar 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

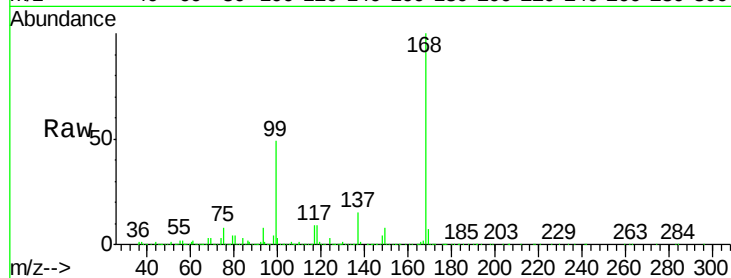
RE122D1-20200312

Tot Ion:168 Resp: 302182

Ion Ratio Lower Upper

168 100

99 48.7 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

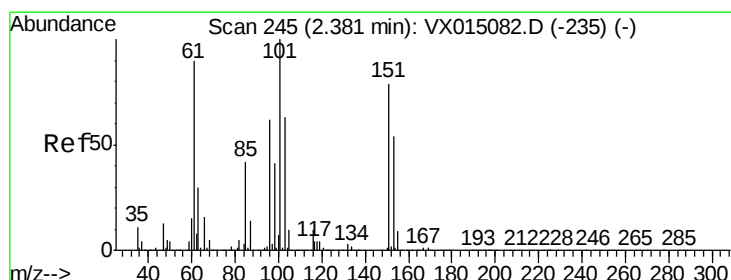
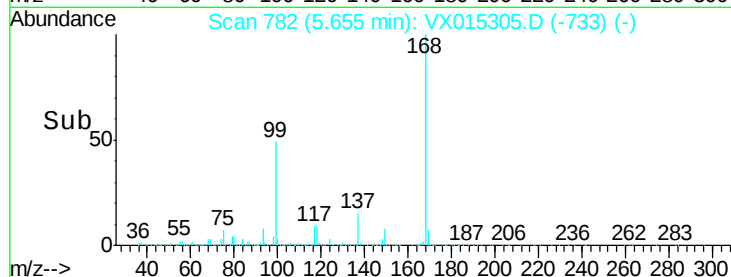
60000

40000

20000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.812 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015305.D

Acq: 16 Mar 2020 19:43

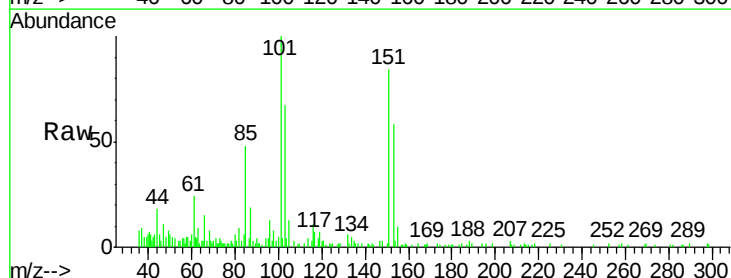
Tgt Ion:101 Resp: 8000

Ion Ratio Lower Upper

101 100

85 51.6 33.7 50.5#

151 81.6 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

5000

4000

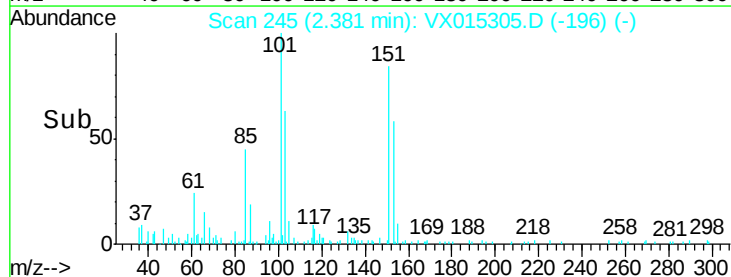
3000

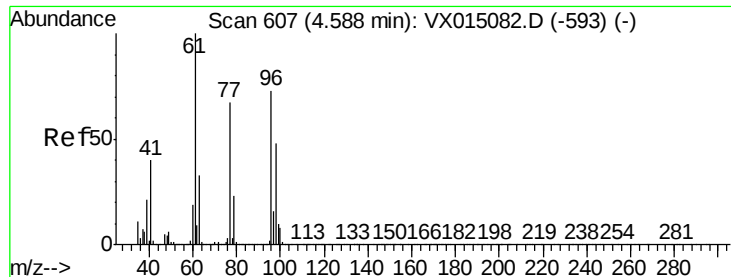
2000

1000

0

Time-->



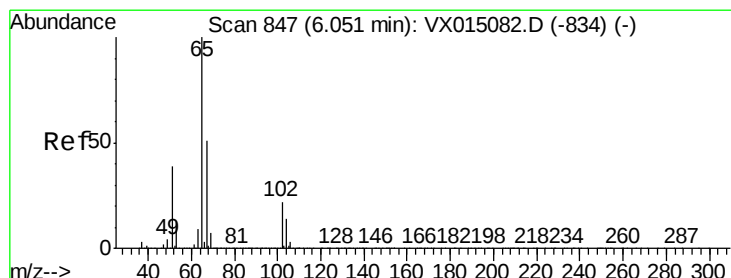
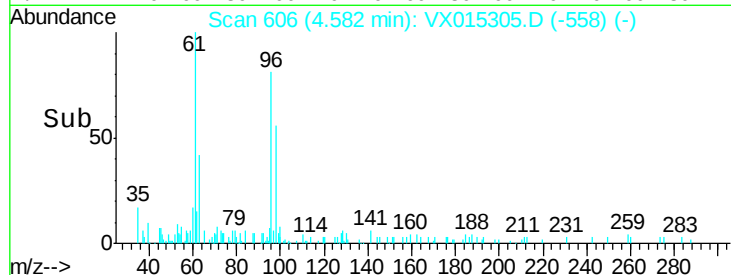
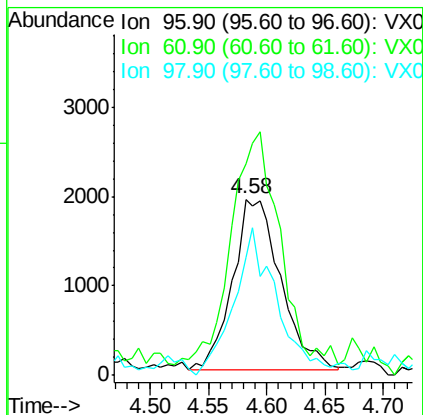
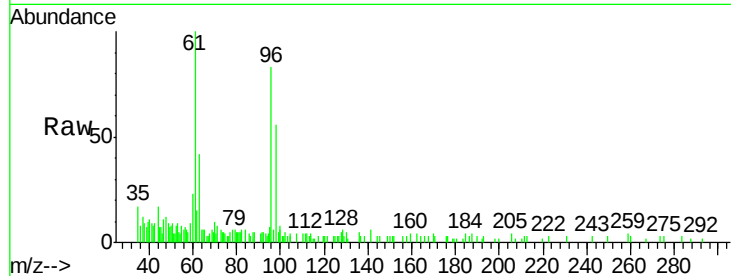


#27

cis-1,2-Dichloroethene
 Concen: 1.575 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX015305.D
 Acq: 16 Mar 2020 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20200312

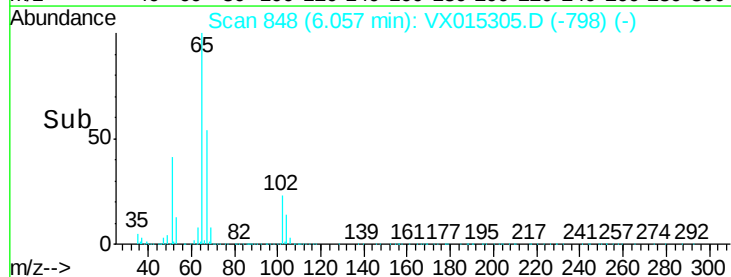
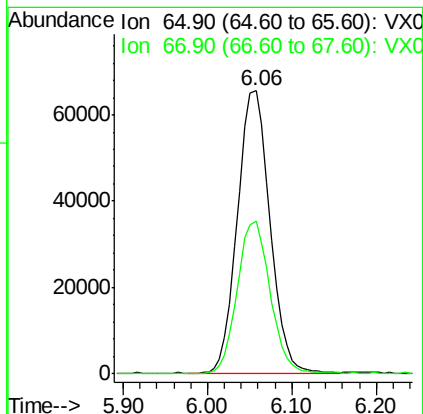
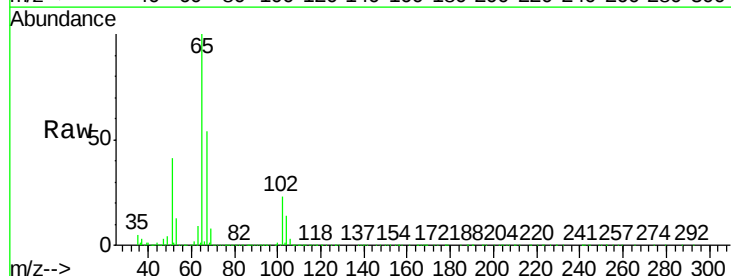
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.4	0.0	286.8
98	76.2	0.0	128.4

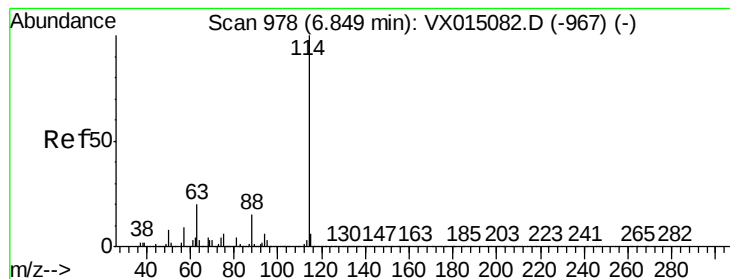


#33

1,2-Dichloroethane-d4
 Concen: 47.573 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX015305.D
 Acq: 16 Mar 2020 19:43

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015305.D

Acq: 16 Mar 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20200312

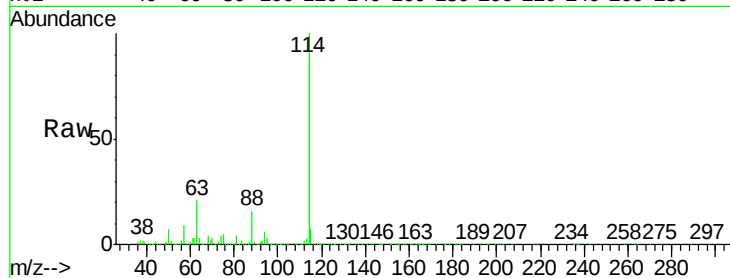
Tot Ion:114 Resp: 478557

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

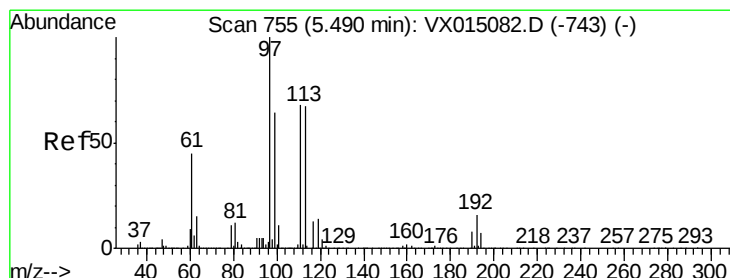
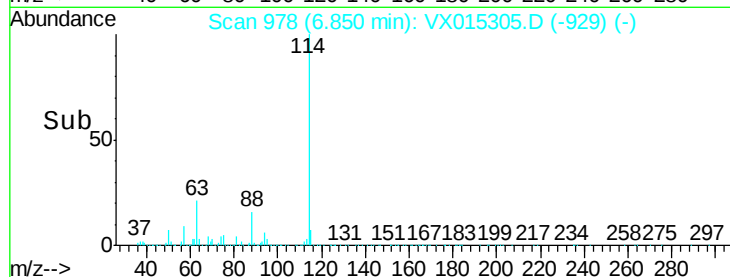
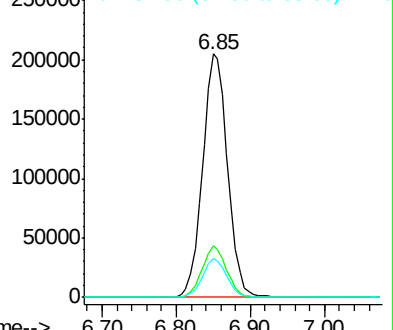
88 16.1 0.0 30.6



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: 49.590 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015305.D

Acq: 16 Mar 2020 19:43

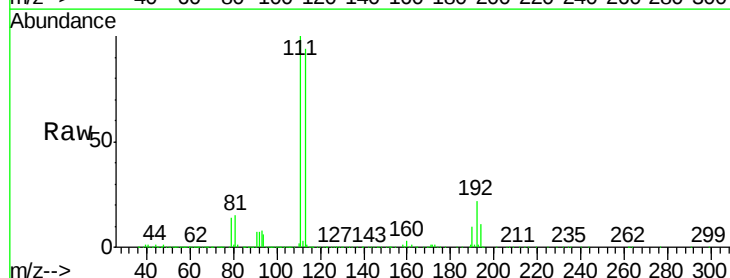
Tgt Ion:113 Resp: 149716

Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

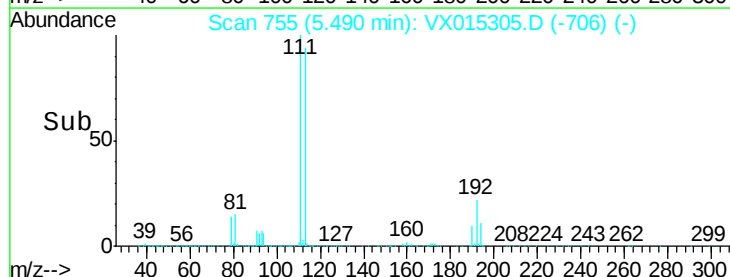
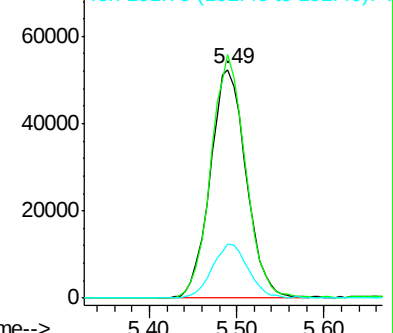
192 23.2 18.6 28.0

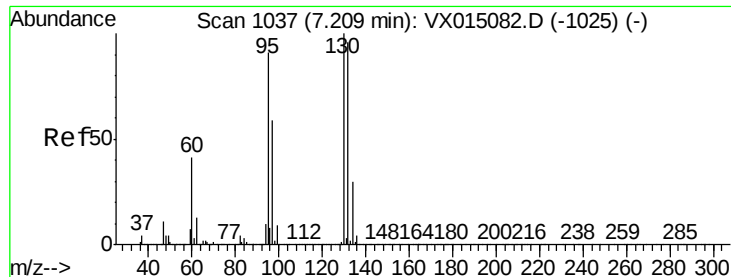


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 388.393 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015305.D

Acq: 16 Mar 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

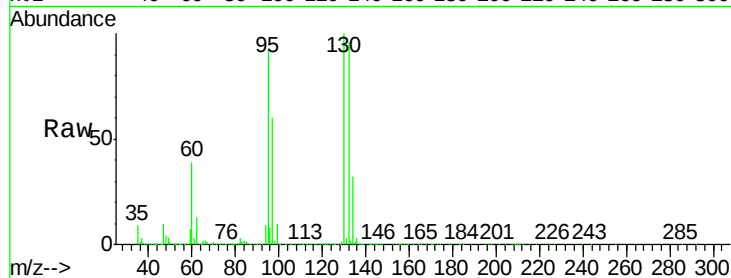
RE122D1-20200312

Tot Ion:130 Resp: 1419730

Ion Ratio Lower Upper

130 100

95 91.9 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

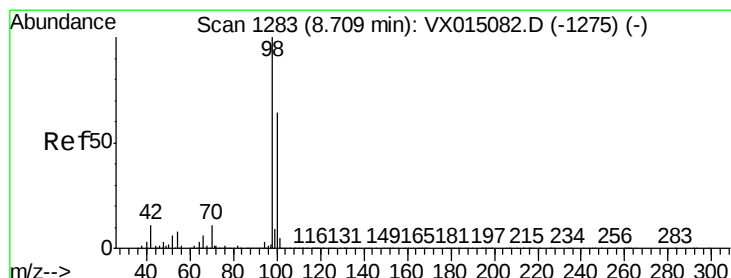
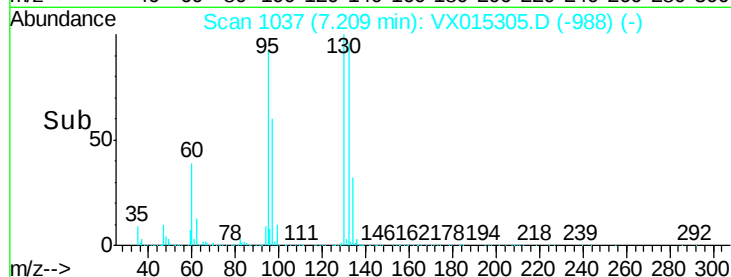
600000

400000

200000

0

Time-->



#50

Toluene-d8

Concen: 51.537 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015305.D

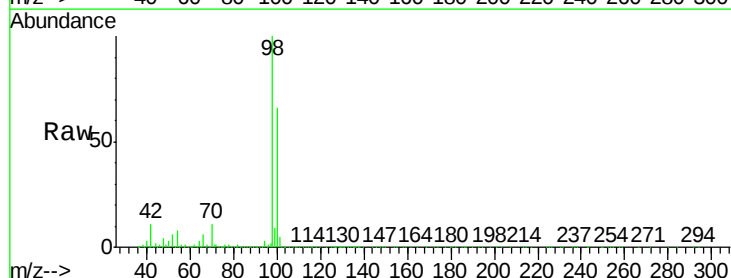
Acq: 16 Mar 2020 19:43

Tgt Ion: 98 Resp: 591856

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

400000

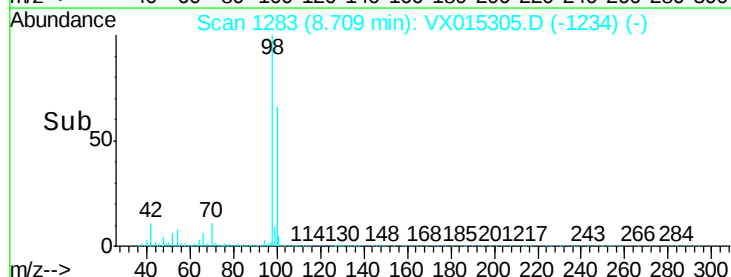
300000

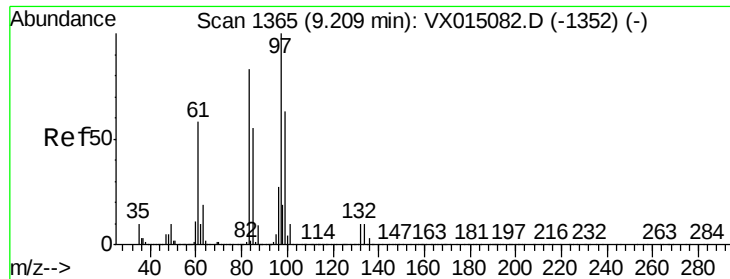
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 0.378 ug/l

RT: 9.21 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VX015305.D

Acq: 16 Mar 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20200312

Tot Ion: 97 Resp: 1250

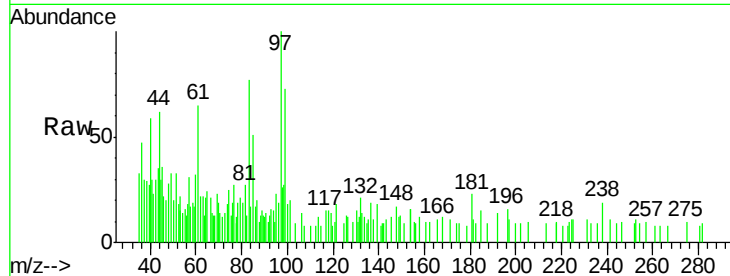
Ion Ratio Lower Upper

97 100

83 62.2 66.4 99.6#

85 35.9 43.5 65.3#

99 72.9 50.7 76.1

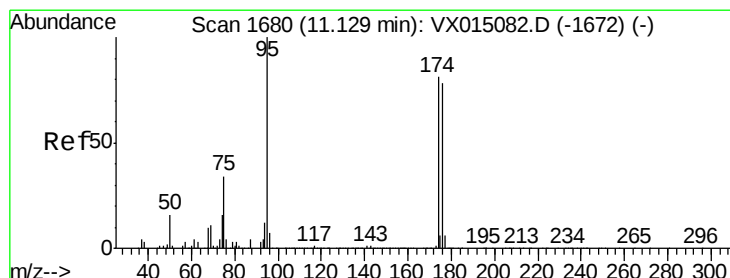
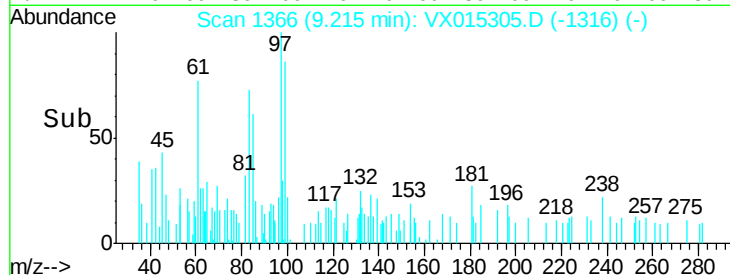
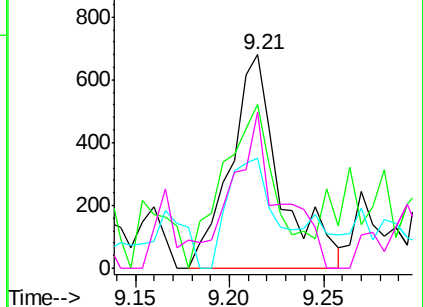


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#62

4-Bromofluorobenzene

Concen: 53.557 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015305.D

Acq: 16 Mar 2020 19:43

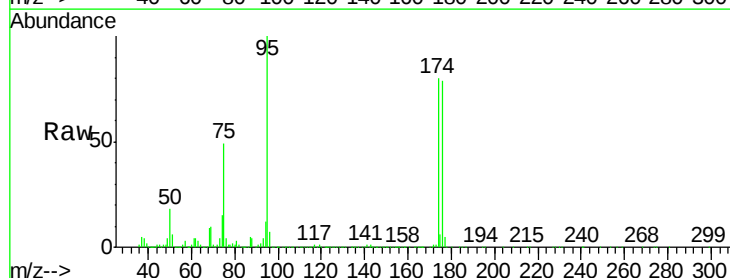
Tgt Ion: 95 Resp: 219385

Ion Ratio Lower Upper

95 100

174 87.4 0.0 177.6

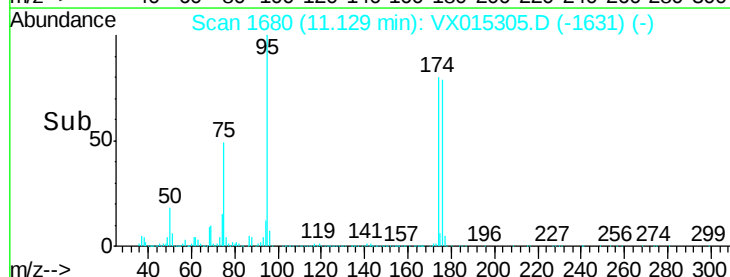
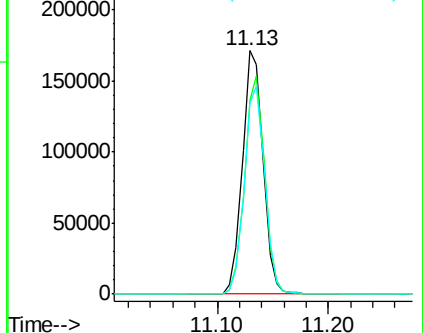
176 85.4 0.0 170.2

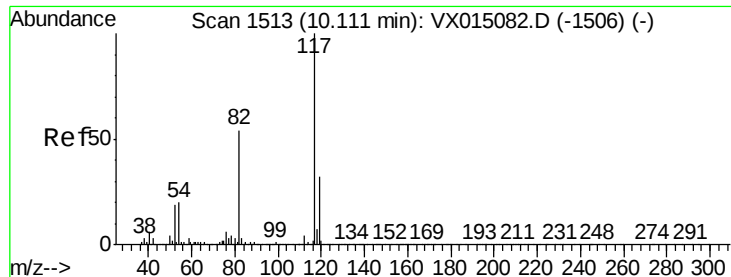


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

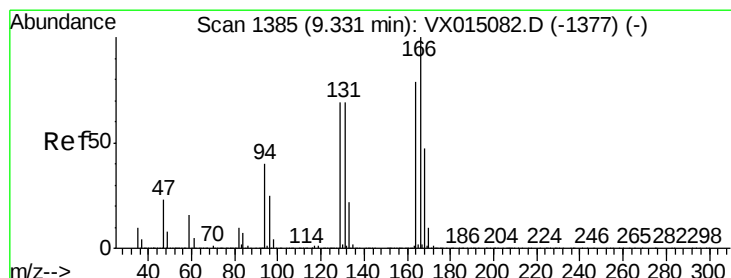
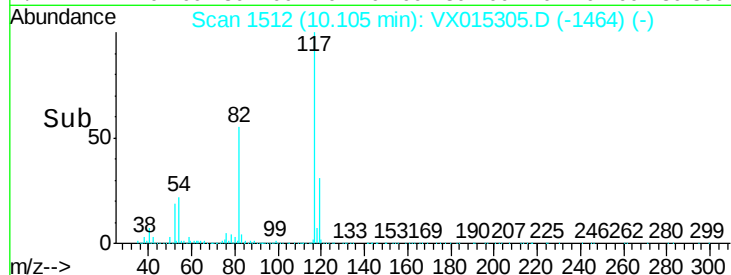
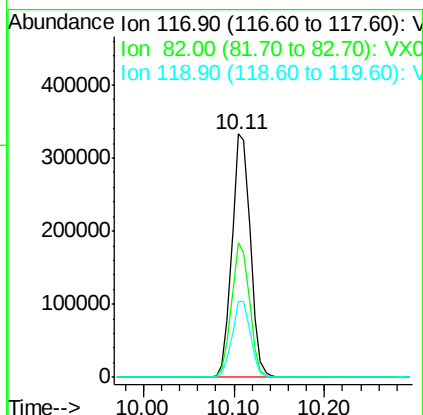
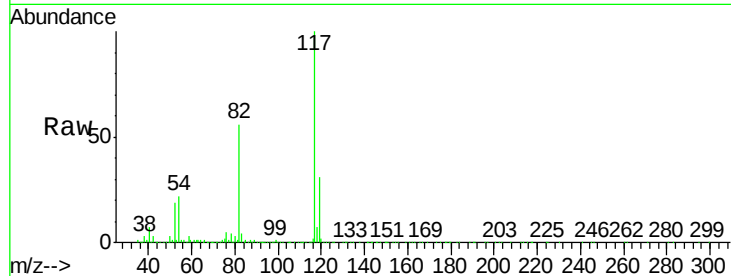




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015305.D
Acq: 16 Mar 2020 19:43

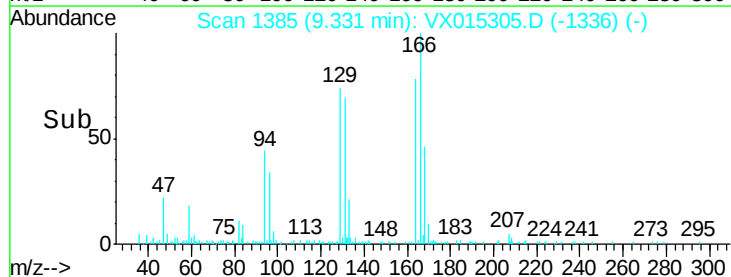
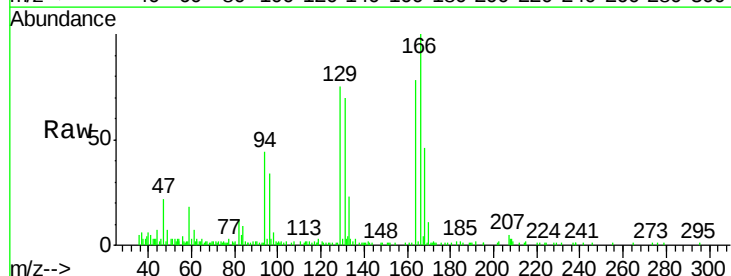
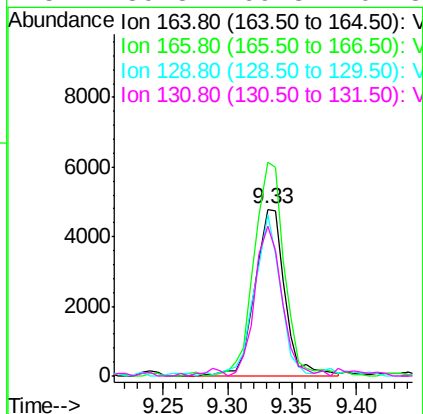
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20200312

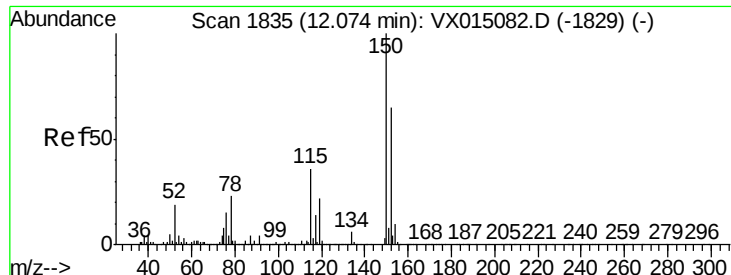
Tot Ion:117 Resp: 469629
Ion Ratio Lower Upper
117 100
82 55.5 43.3 64.9
119 31.0 25.8 38.8



#64
Tetrachloroethene
Concen: 1.956 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015305.D
Acq: 16 Mar 2020 19:43

Tgt Ion:164 Resp: 7596
Ion Ratio Lower Upper
164 100
166 126.8 101.1 151.7
129 95.1 69.4 104.0
131 89.8 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: VX015305.D

Acq: 16 Mar 2020 19:43

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20200312

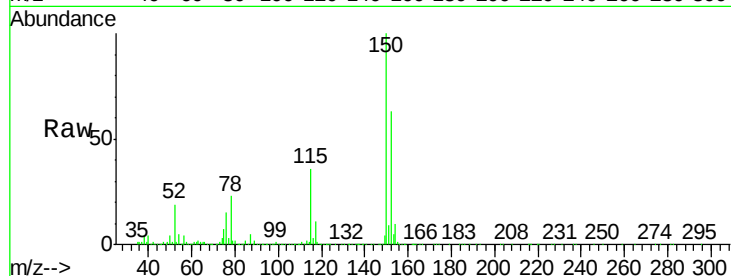
Tot Ion:152 Resp: 236497

Ion Ratio Lower Upper

152 100

115 56.6 38.2 114.6

150 158.1 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

