

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015258.D
 Acq On : 13 Mar 2020 14:35
 Operator : JC/SP
 Sample : L1903-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20200309

Quant Time: Mar 16 09:15:24 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

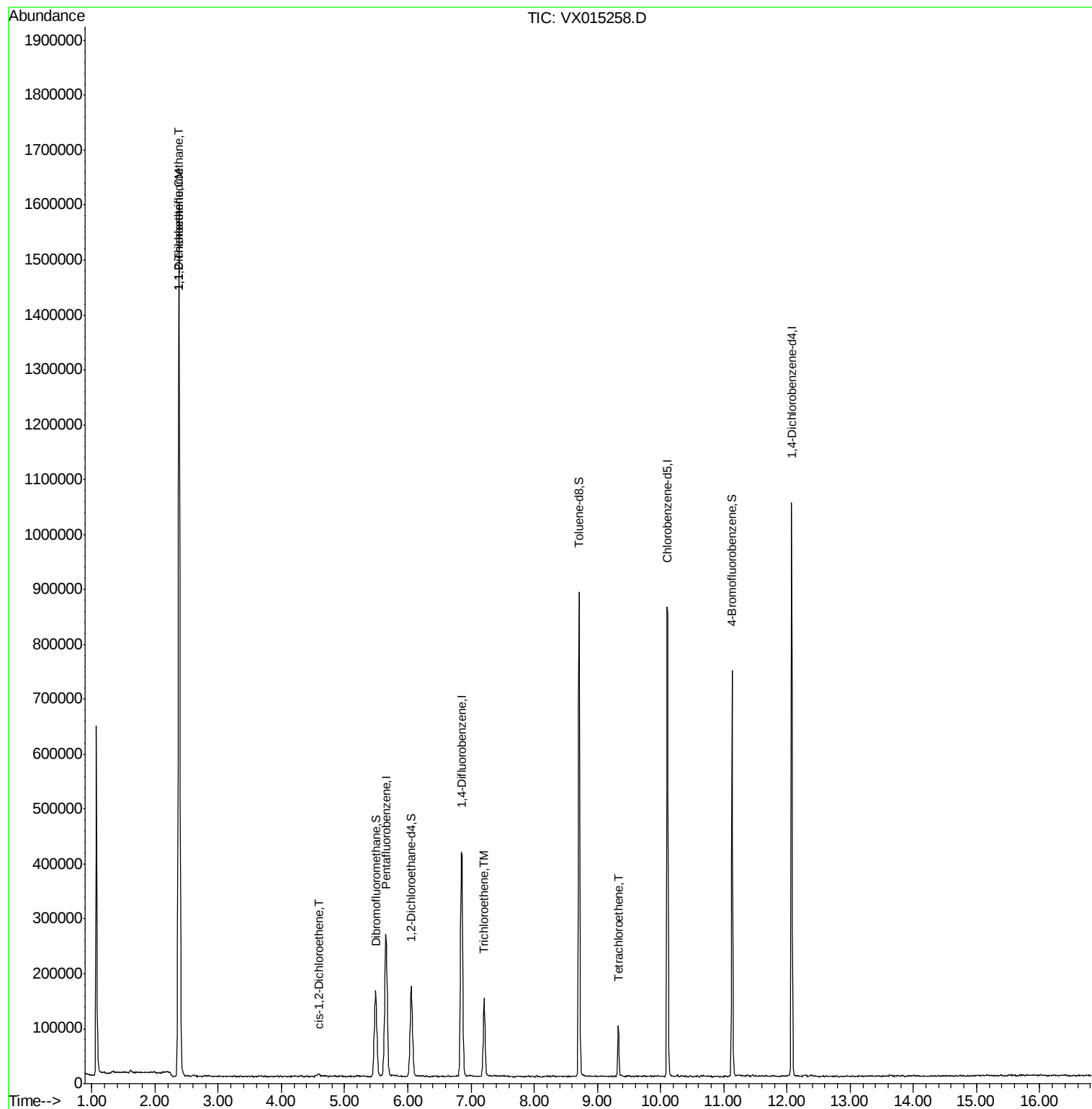
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	271460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	426869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	417533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	216770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	151892	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
35) Dibromofluoromethane	5.49	113	132143	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
50) Toluene-d8	8.71	98	525566	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.13	95	196055	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	632157	247.317	ug/l	98
12) 1,1-Dichloroethene	2.37	96	4040	1.531	ug/l #	80
27) cis-1,2-Dichloroethene	4.59	96	2263	0.716	ug/l	80
44) Trichloroethene	7.21	130	57776	17.720	ug/l	98
64) Tetrachloroethene	9.33	164	19304	5.592	ug/l	96

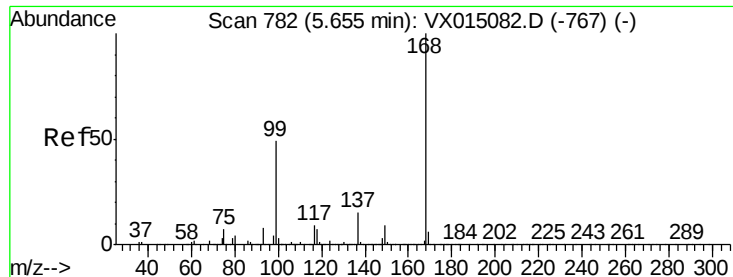
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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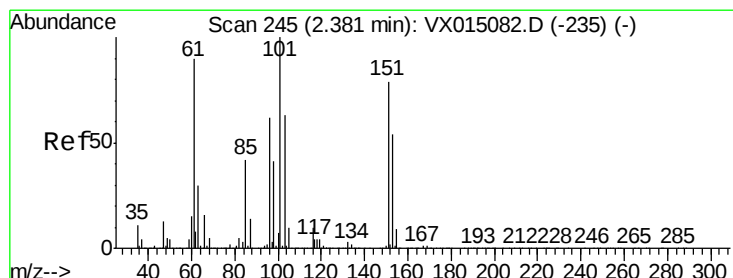
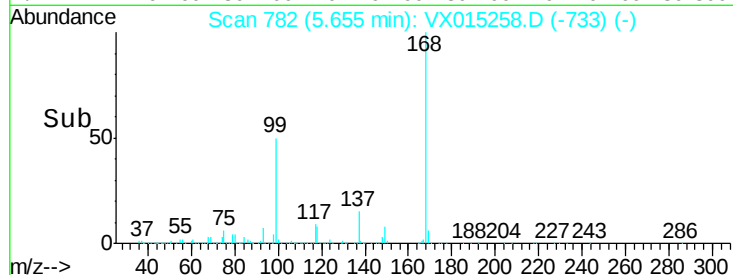
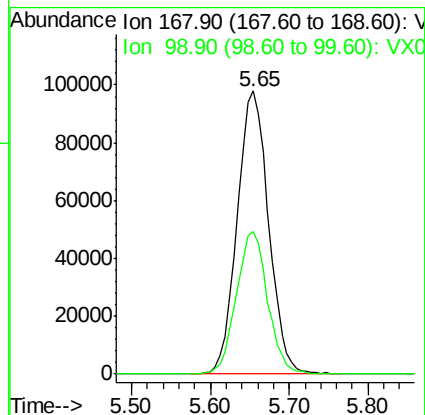
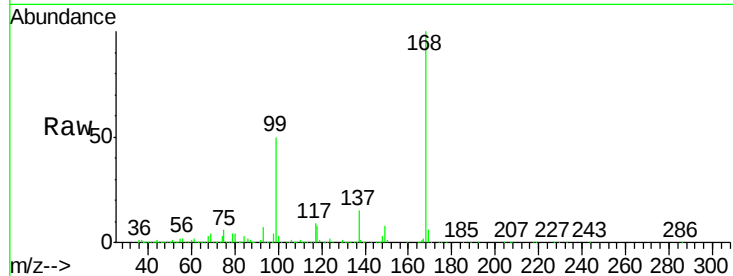


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: VX015258.D
 Acq: 13 Mar 2020 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20200309

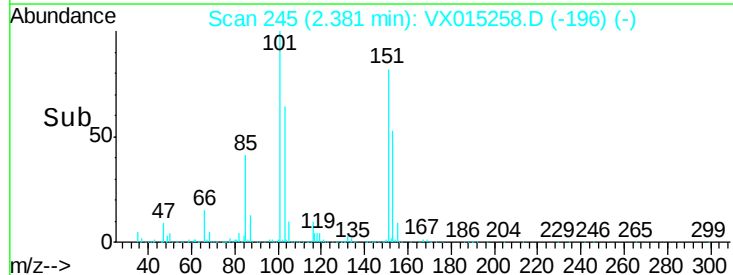
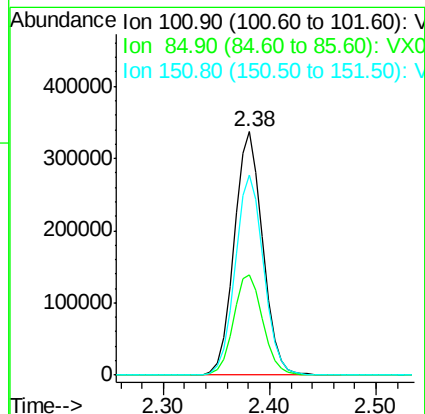
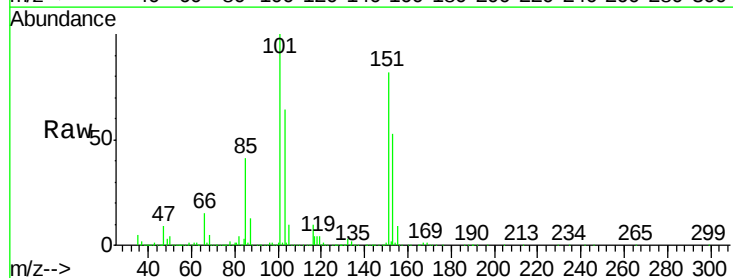
Tot Ion:168 Resp: 271460
 Ion Ratio Lower Upper
 168 100
 99 50.3 39.4 59.2

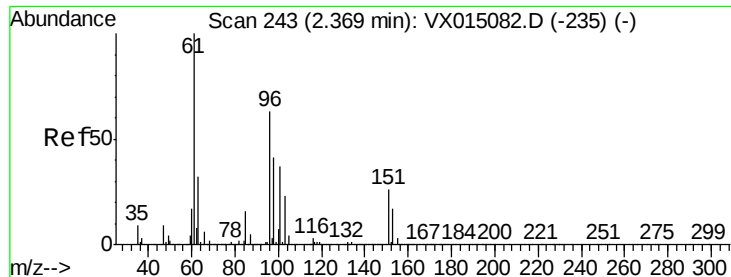


#9

1,1,2-Trichlorotrifluoroethane
 Concen: 247.317 ug/l
 RT: 2.38 min Scan# 245
 Delta R.T. -0.00 min
 Lab File: VX015258.D
 Acq: 13 Mar 2020 14:35

Tgt Ion:101 Resp: 632157
 Ion Ratio Lower Upper
 101 100
 85 42.3 33.7 50.5
 151 82.3 64.0 96.0





#12

1,1-Dichloroethene

Concen: 1.531 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX015258.D

Acq: 13 Mar 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20200309

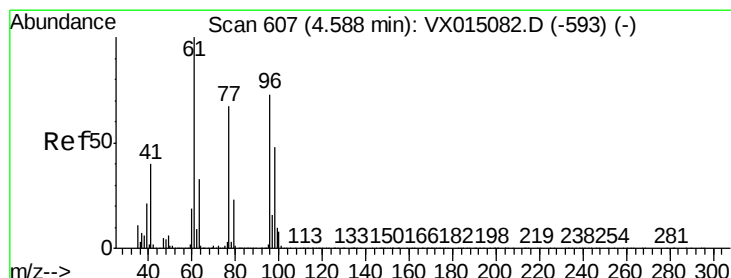
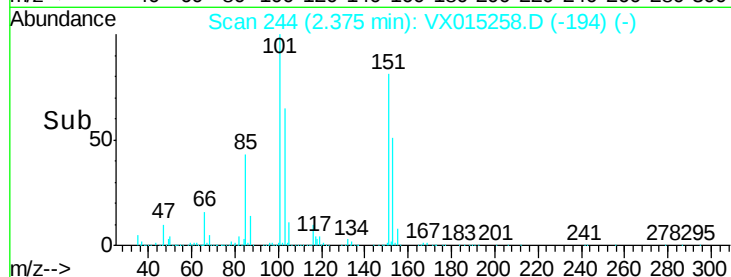
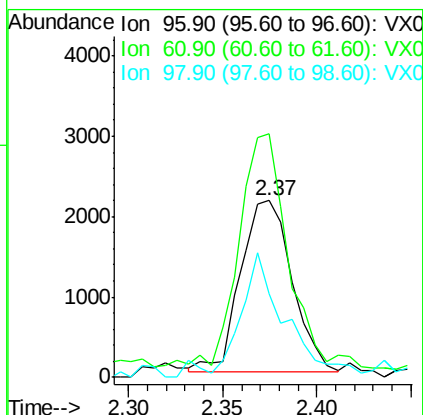
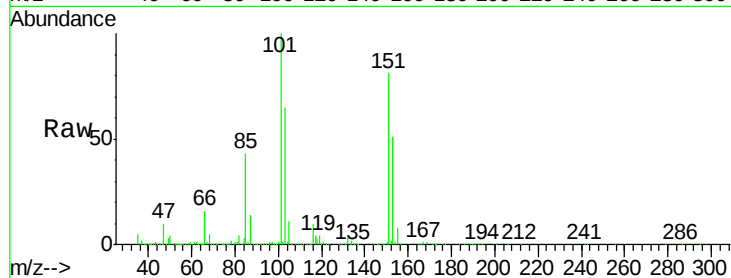
Tot Ion: 96 Resp: 4040

Ion Ratio Lower Upper

96 100

61 135.4 126.2 189.4

98 41.6 51.4 77.0#



#27

cis-1,2-Dichloroethene

Concen: 0.716 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX015258.D

Acq: 13 Mar 2020 14:35

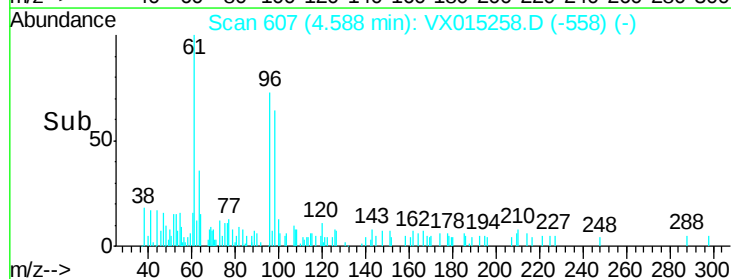
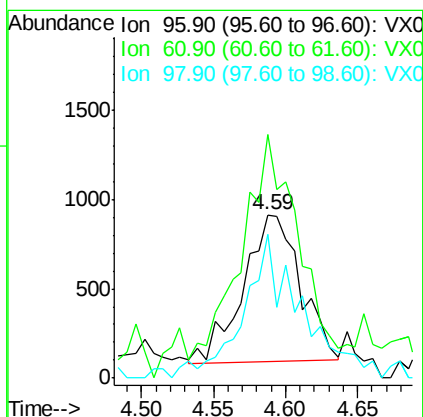
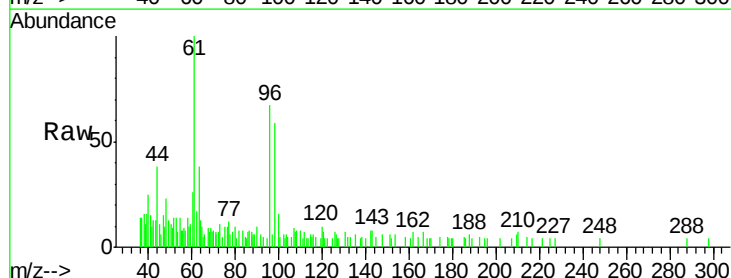
Tgt Ion: 96 Resp: 2263

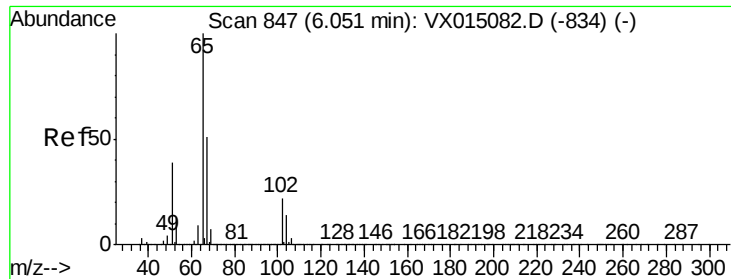
Ion Ratio Lower Upper

96 100

61 155.4 0.0 286.8

98 99.1 0.0 128.4





#33

1,2-Dichloroethane-d4

Concen: 47.164 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX015258.D

Acq: 13 Mar 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

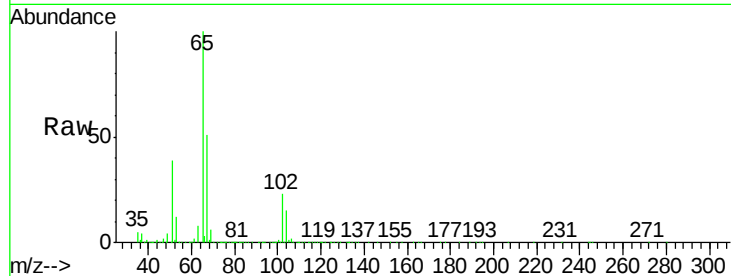
RE131D3-20200309

Tot Ion: 65 Resp: 151892

Ion Ratio Lower Upper

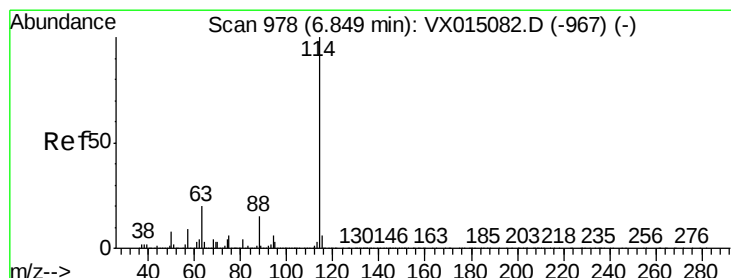
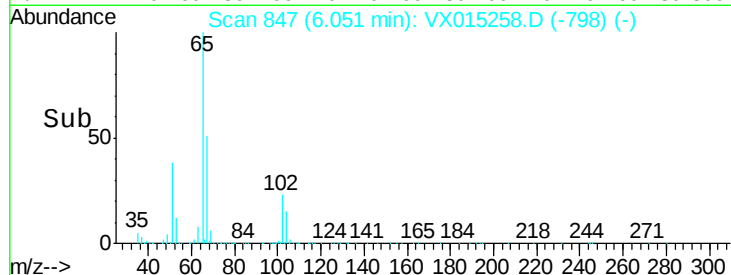
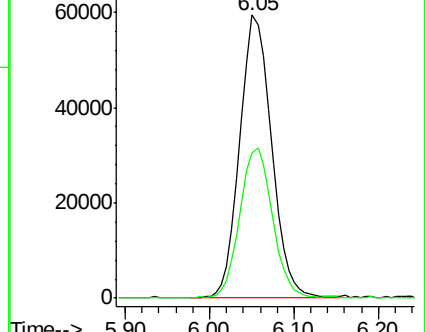
65 100

67 54.3 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: VX015258.D

Acq: 13 Mar 2020 14:35

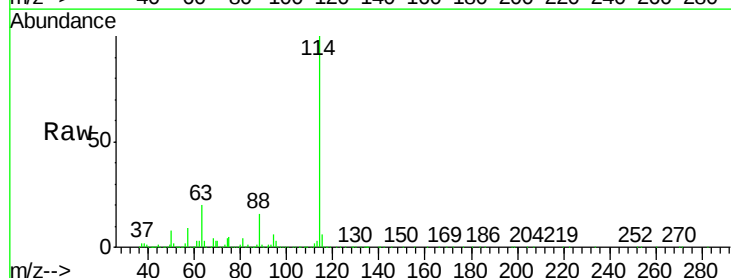
Tgt Ion: 114 Resp: 426869

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

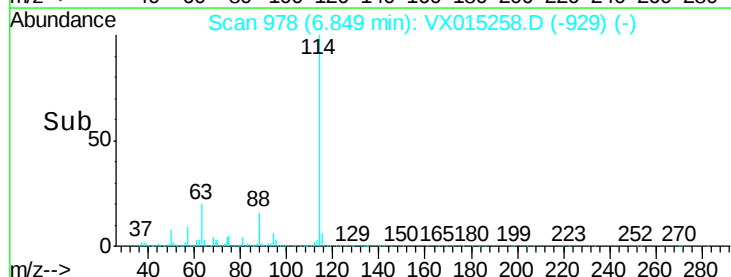
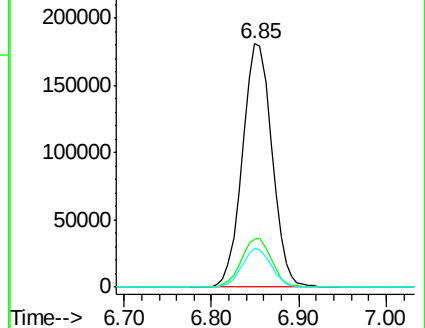
88 16.1 0.0 30.6

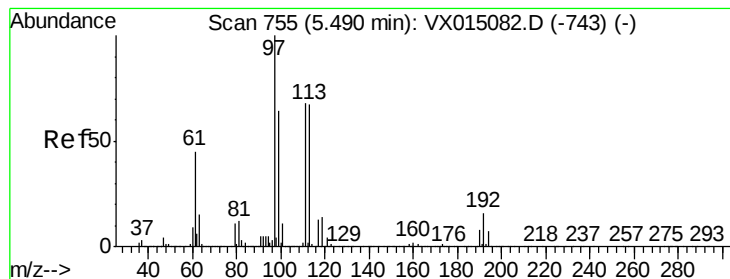


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.069 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015258.D

Acq: 13 Mar 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20200309

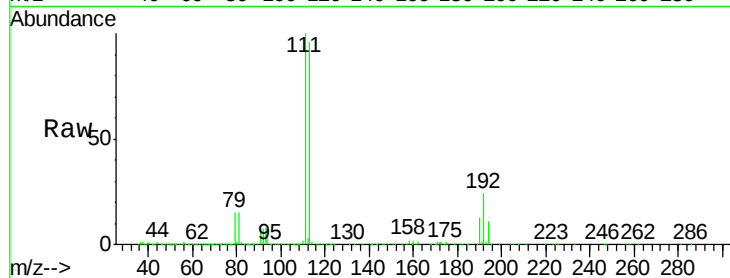
Tot Ion:113 Resp: 132143

Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

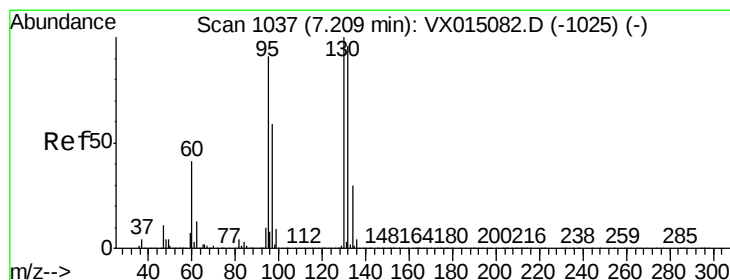
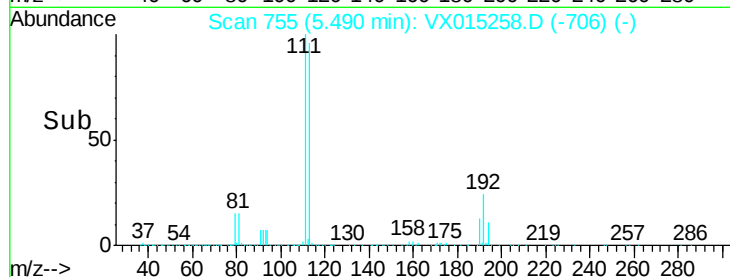
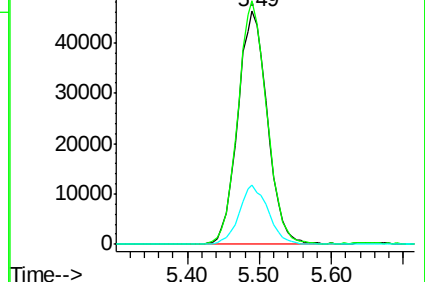
192 24.8 18.6 28.0



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: 17.720 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015258.D

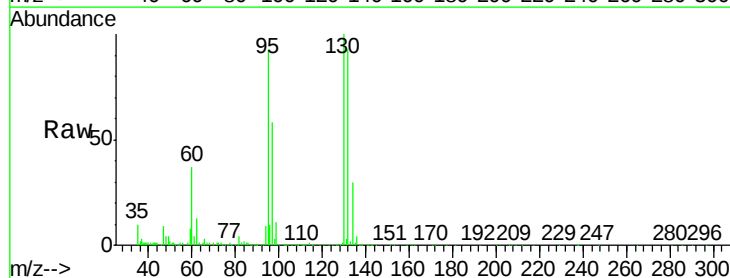
Acq: 13 Mar 2020 14:35

Tgt Ion:130 Resp: 57776

Ion Ratio Lower Upper

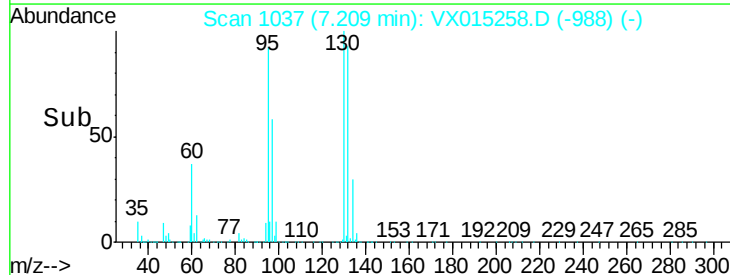
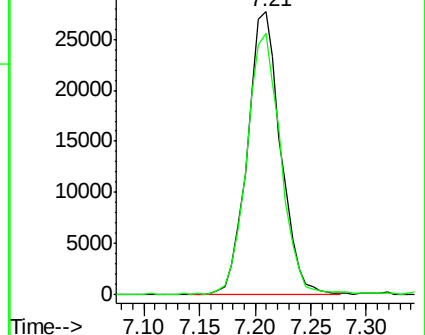
130 100

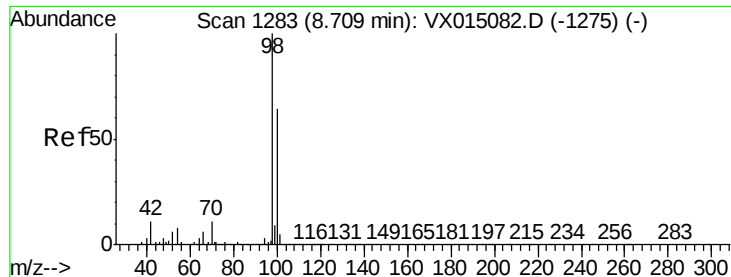
95 92.0 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 51.306 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015258.D

Acq: 13 Mar 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

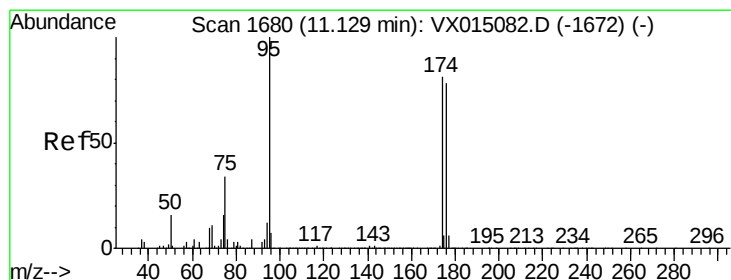
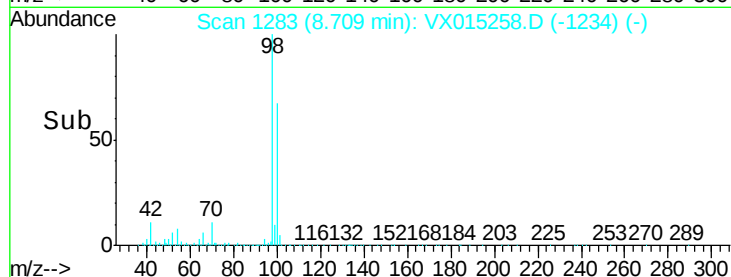
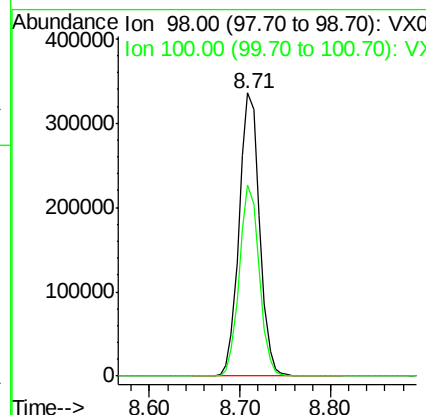
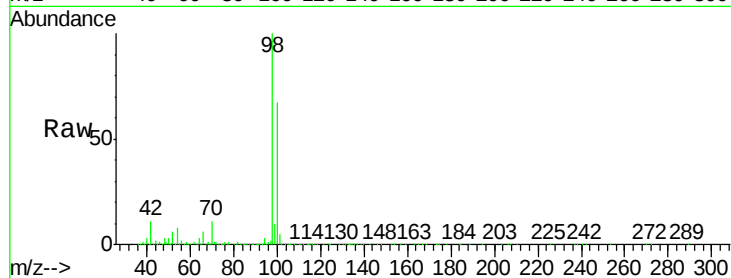
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Tot Ion: 98 Resp: 525566

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 53.657 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015258.D

Acq: 13 Mar 2020 14:35

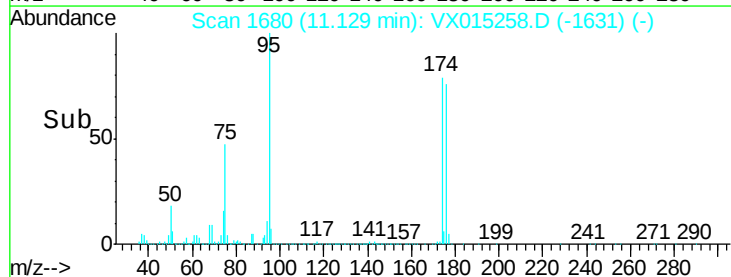
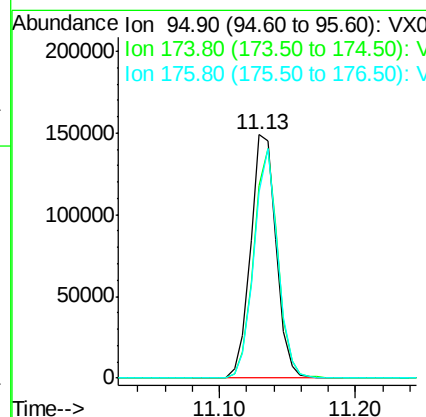
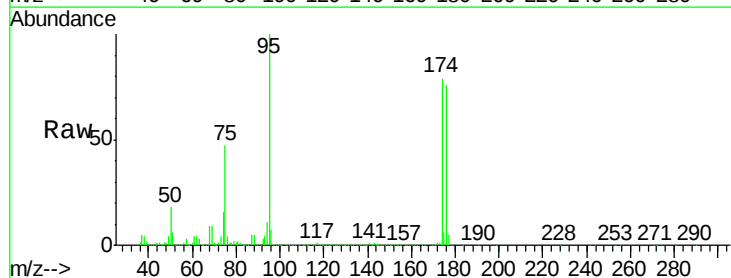
Tgt Ion: 95 Resp: 196055

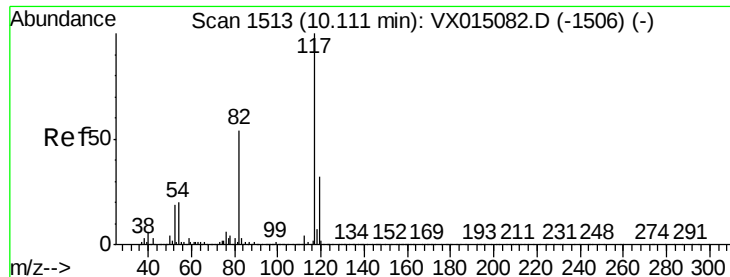
Ion Ratio Lower Upper

95 100

174 89.8 0.0 177.6

176 88.5 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: VX015258.D

Acq: 13 Mar 2020 14:35

Instrument :

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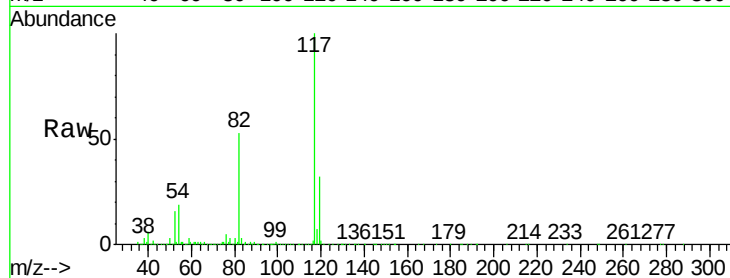
Tot Ion:117 Resp: 417533

Ion Ratio Lower Upper

117 100

82 53.2 43.3 64.9

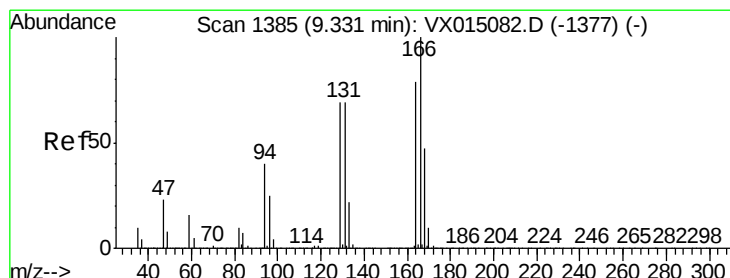
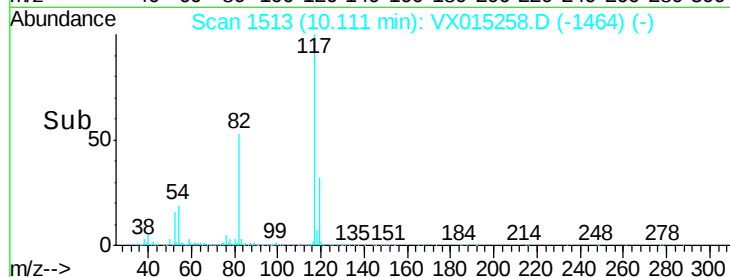
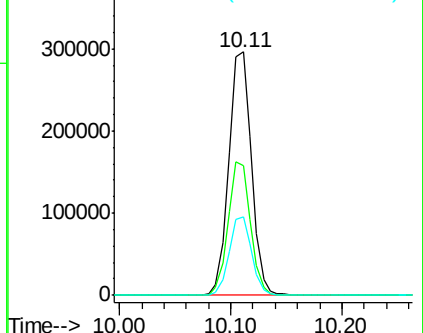
119 32.4 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 5.592 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015258.D

Acq: 13 Mar 2020 14:35

Tgt Ion:164 Resp: 19304

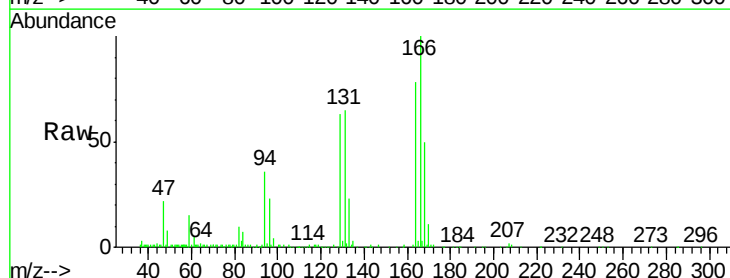
Ion Ratio Lower Upper

164 100

166 128.5 101.1 151.7

129 80.3 69.4 104.0

131 84.1 69.8 104.8

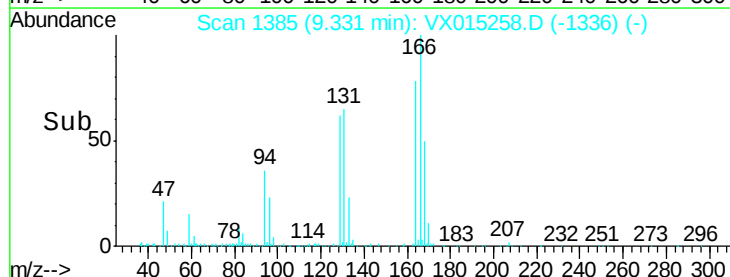
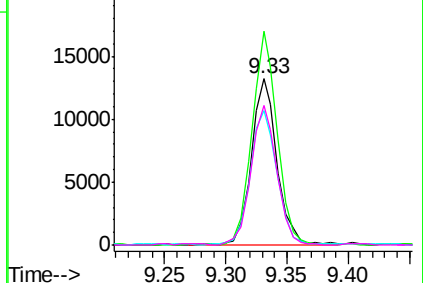


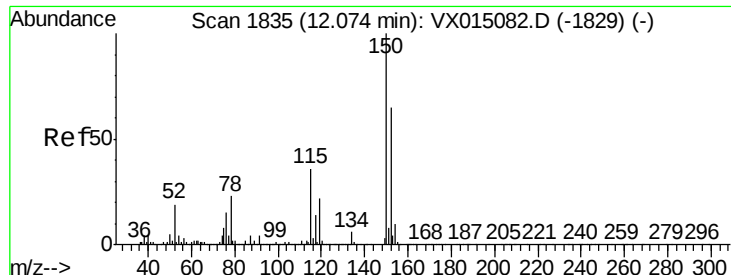
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX015258.D

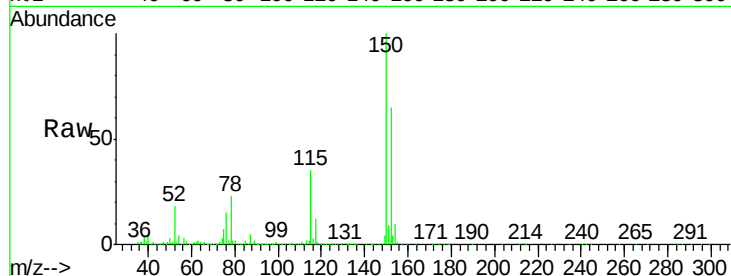
Acq: 13 Mar 2020 14:35

Instrument :

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ClientSampleId :

RE131D3-20200309



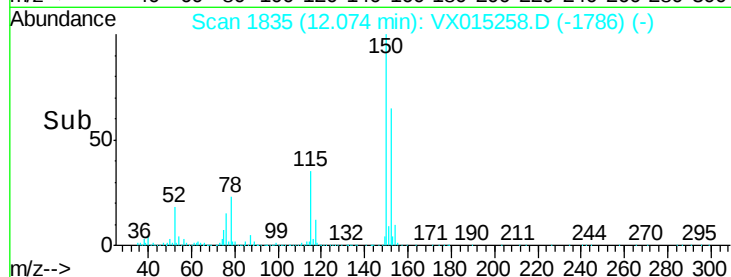
Tot Ion:152 Resp: 216770

Ion Ratio Lower Upper

152 100

115 54.6 38.2 114.6

150 156.0 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

