

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030920\
 Data File : VX015148.D
 Acq On : 09 Mar 2020 17:14
 Operator : JC/SP
 Sample : L1842-22
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20200305

Quant Time: Mar 10 11:39:13 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

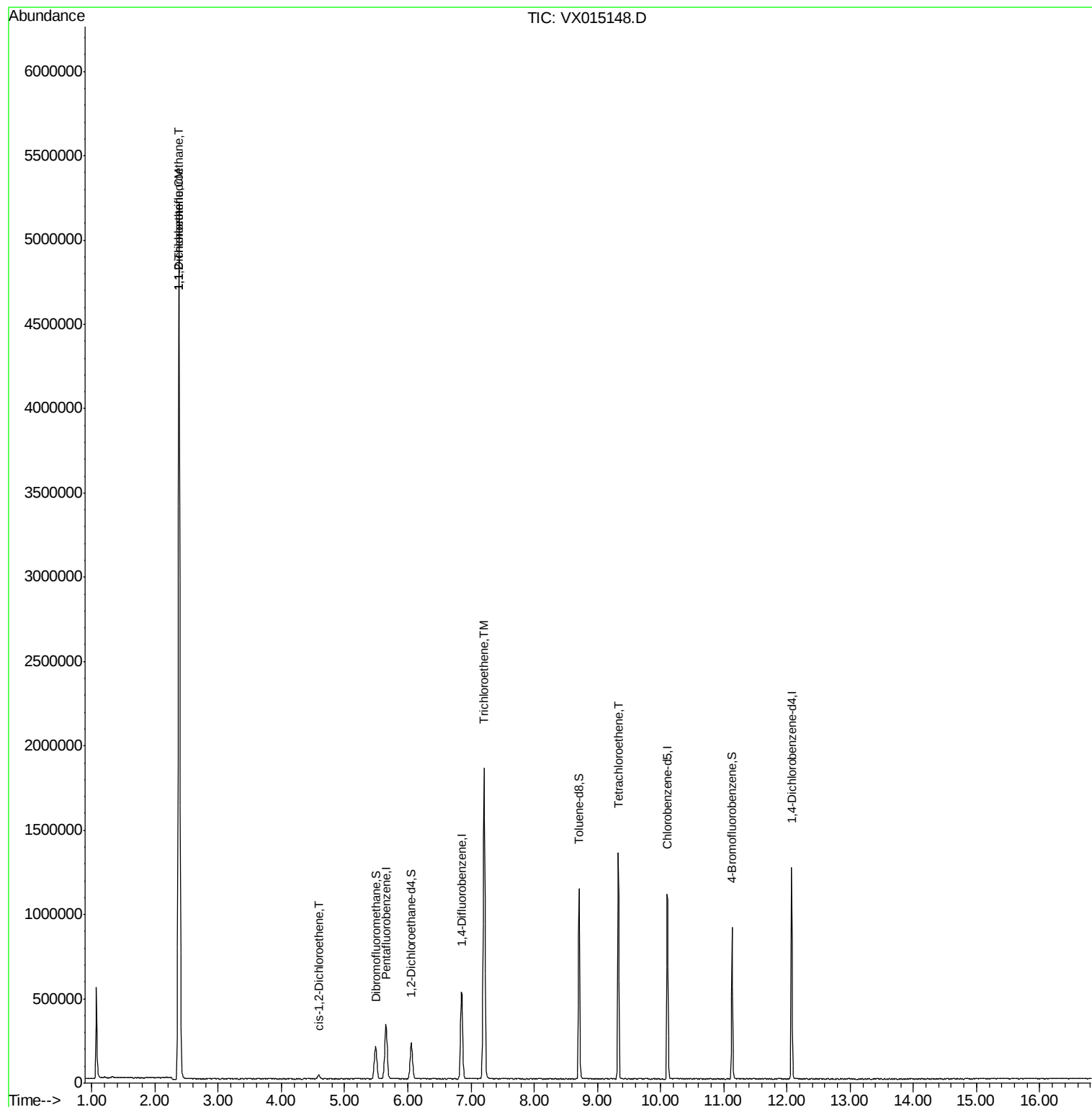
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	325187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	523840	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	515337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	264742	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	200261	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
35) Dibromofluoromethane	5.49	113	164971	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
50) Toluene-d8	8.71	98	648166	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.14	95	239835	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2068505	675.550	ug/l	99
12) 1,1-Dichloroethene	2.37	96	13704	4.337	ug/l	83
27) cis-1,2-Dichloroethene	4.59	96	15762	4.164	ug/l	89
44) Trichloroethene	7.21	130	716394	179.041	ug/l	100
64) Tetrachloroethene	9.33	164	258320	60.626	ug/l	98

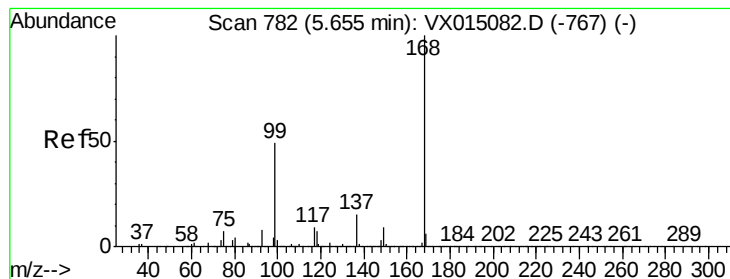
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 782

Delta R.T. 0.00 min

Lab File: VX015148.D

Acq: 09 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

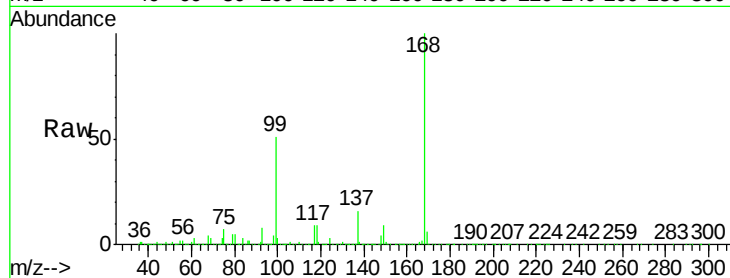
RE134D3-20200305

Tot Ion:168 Resp: 325187

Ion Ratio Lower Upper

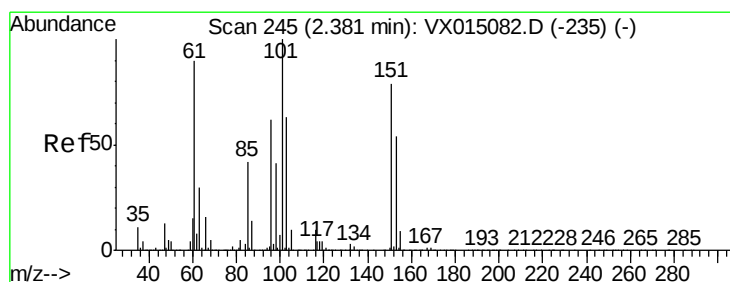
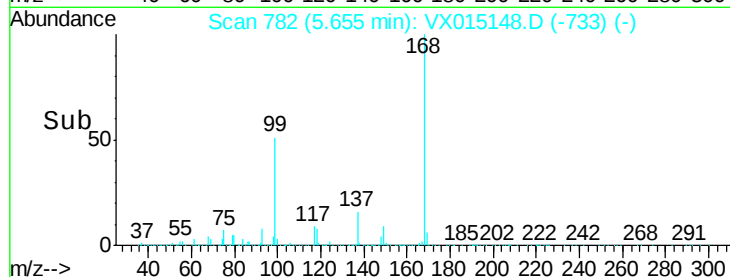
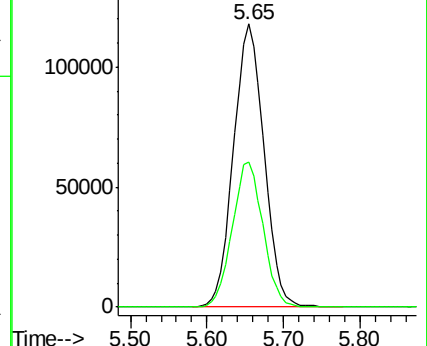
168 100

99 51.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 675.550 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015148.D

Acq: 09 Mar 2020 17:14

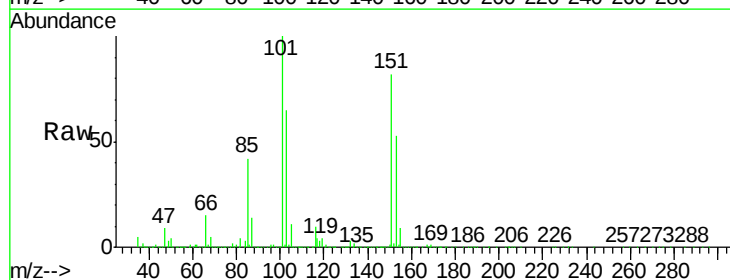
Tgt Ion:101 Resp: 2068505

Ion Ratio Lower Upper

101 100

85 41.8 33.7 50.5

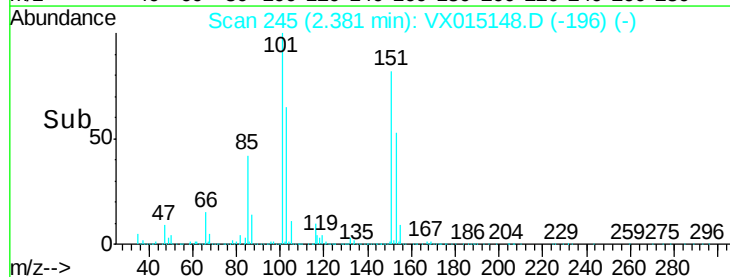
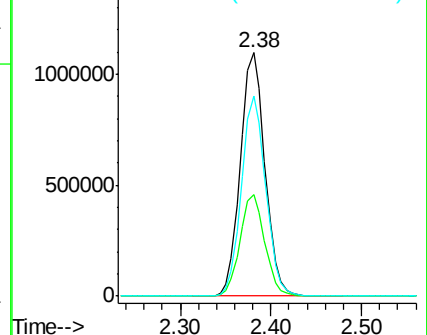
151 81.2 64.0 96.0

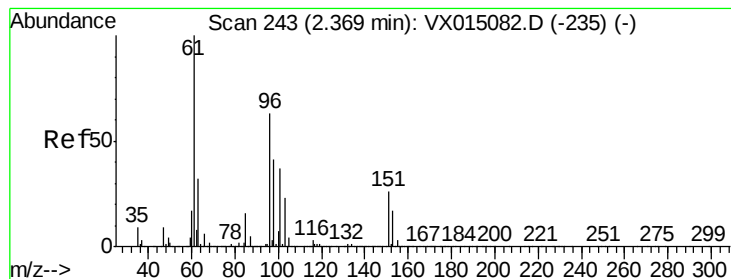


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 4.337 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX015148.D

Acq: 09 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20200305

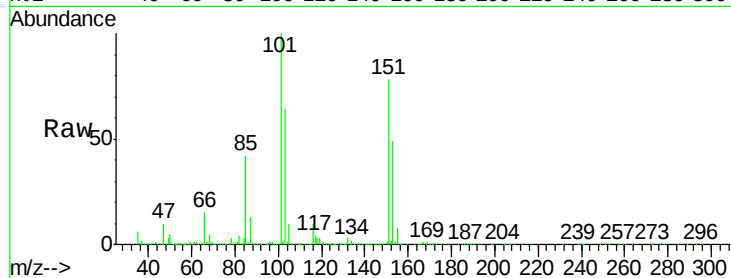
Tot Ion: 96 Resp: 13704

Ion Ratio Lower Upper

96 100

61 130.7 126.2 189.4

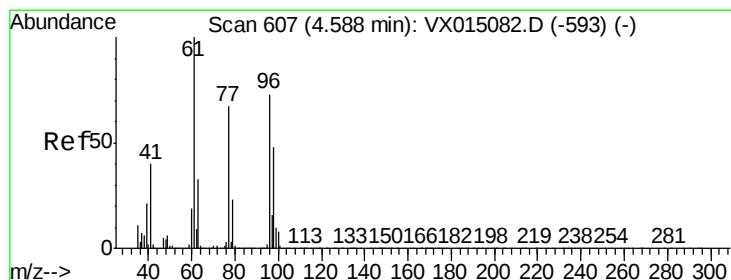
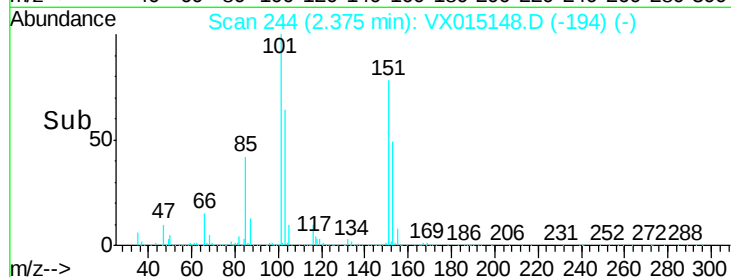
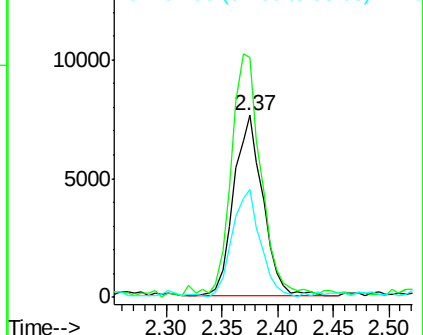
98 58.4 51.4 77.0



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



#27

cis-1,2-Dichloroethene

Concen: 4.164 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX015148.D

Acq: 09 Mar 2020 17:14

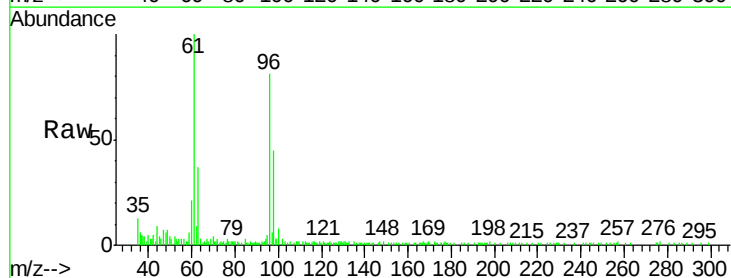
Tgt Ion: 96 Resp: 15762

Ion Ratio Lower Upper

96 100

61 124.8 0.0 286.8

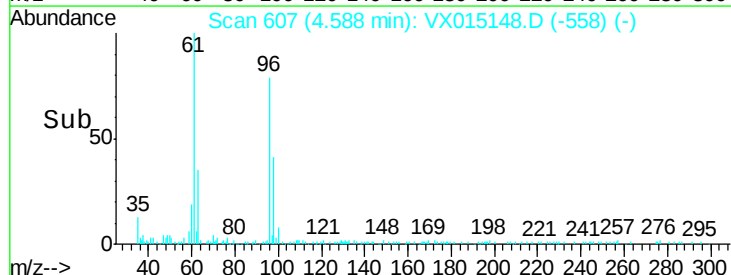
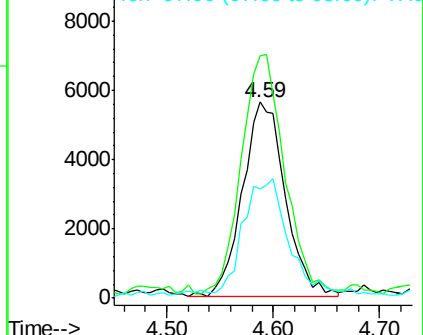
98 63.7 0.0 128.4

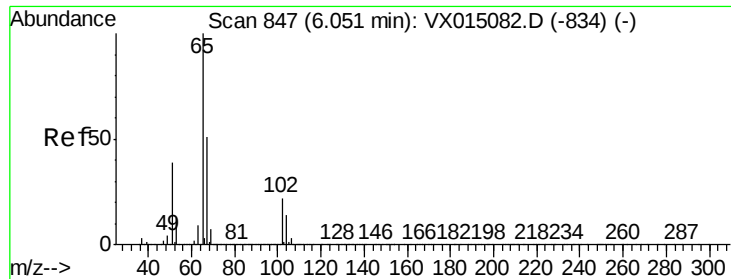


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

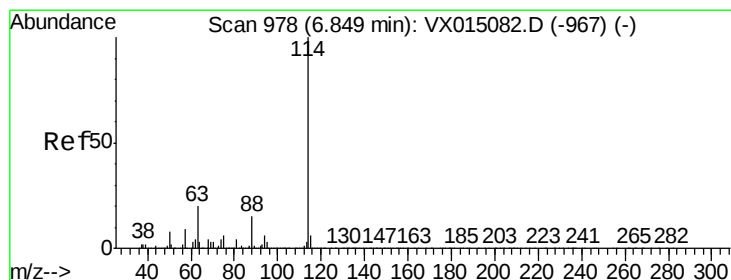
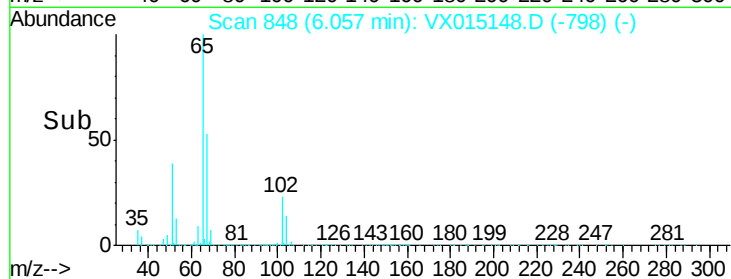
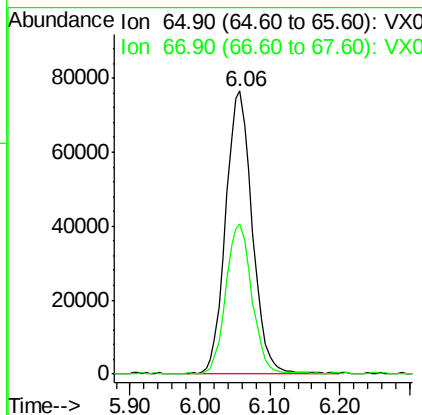
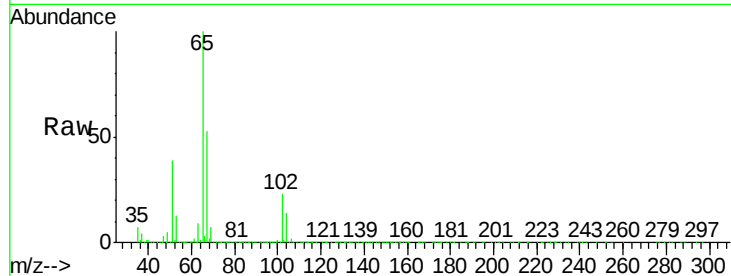




#33
 1,2-Dichloroethane-d4
 Concen: 51.909 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX015148.D
 Acq: 09 Mar 2020 17:14

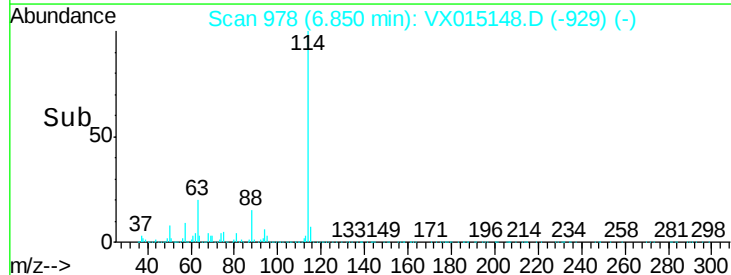
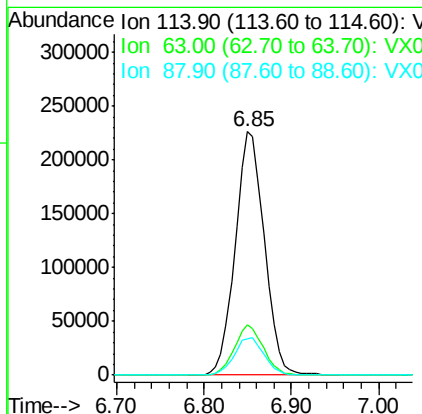
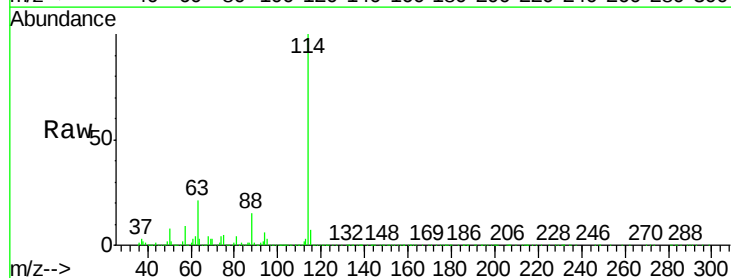
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20200305

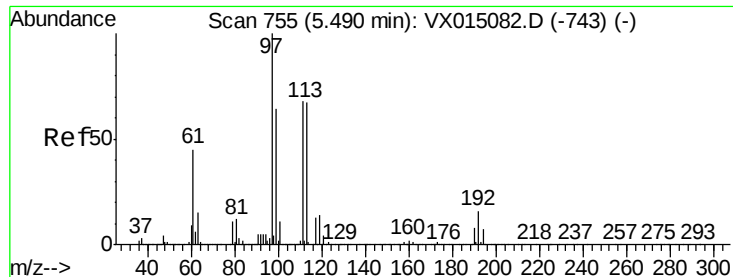
Tot Ion: 65 Resp: 200261
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015148.D
 Acq: 09 Mar 2020 17:14

Tgt Ion: 114 Resp: 523840
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.0
 88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.919 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015148.D

Acq: 09 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20200305

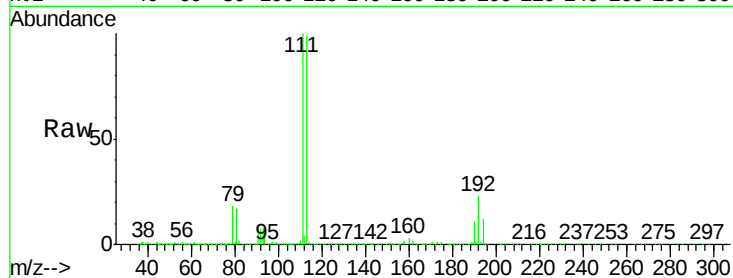
Tot Ion:113 Resp: 164971

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

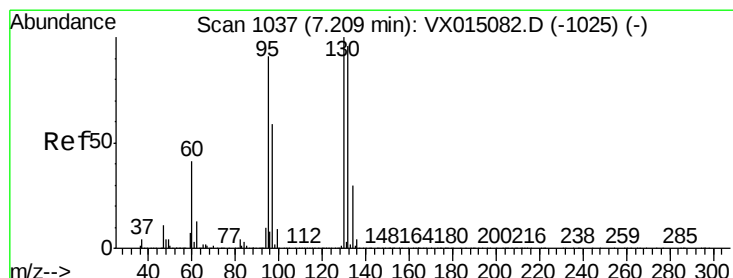
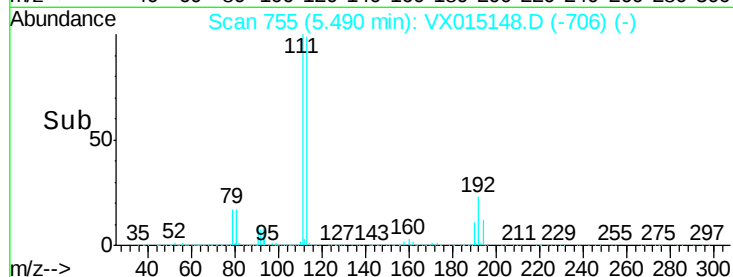
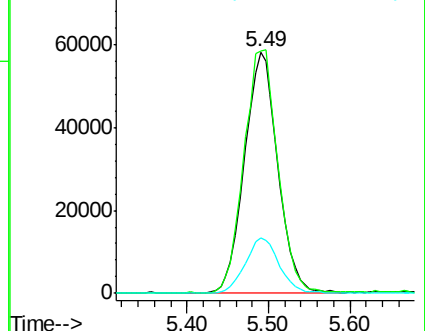
192 23.5 18.6 28.0



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: 179.041 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015148.D

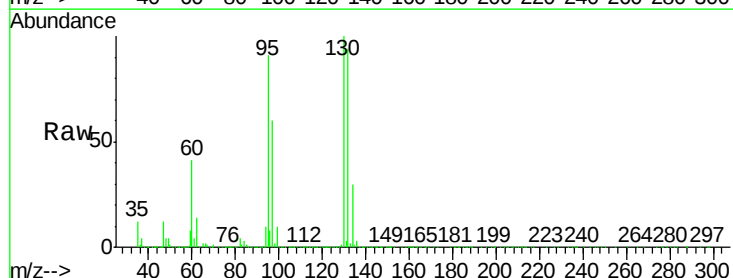
Acq: 09 Mar 2020 17:14

Tgt Ion:130 Resp: 716394

Ion Ratio Lower Upper

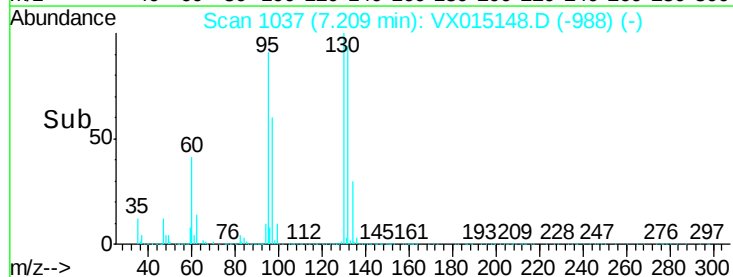
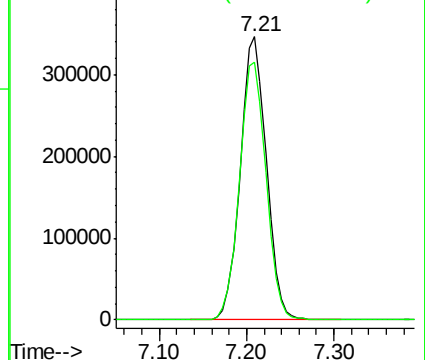
130 100

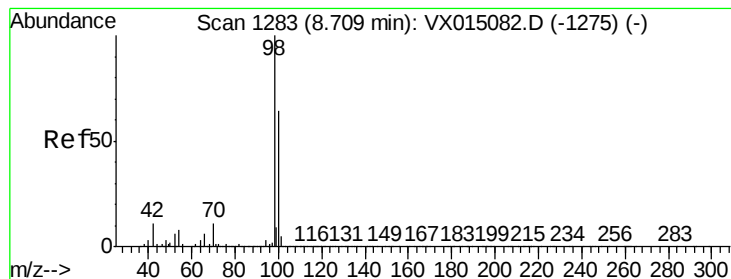
95 90.9 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.561 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015148.D

Acq: 09 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

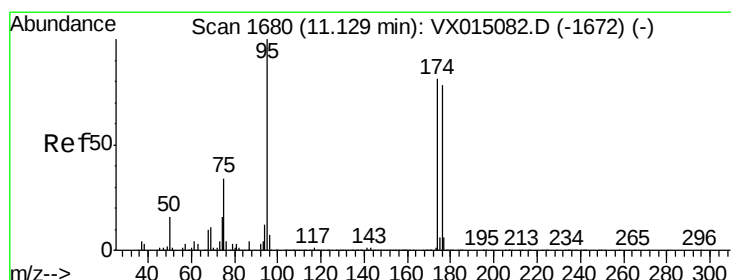
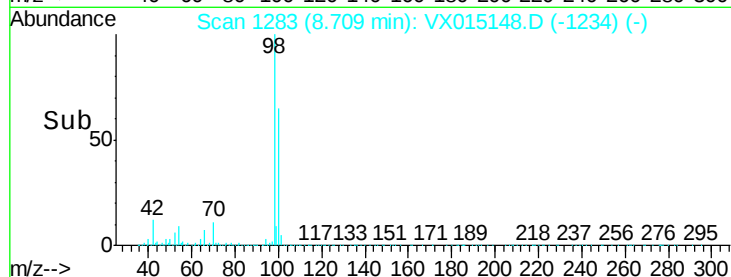
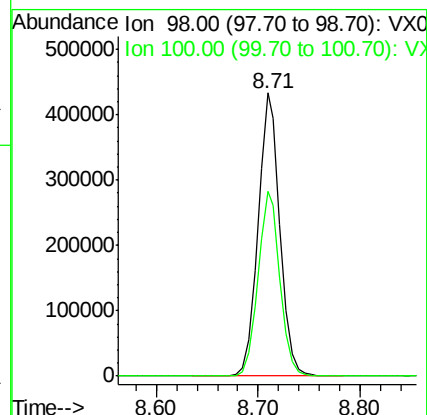
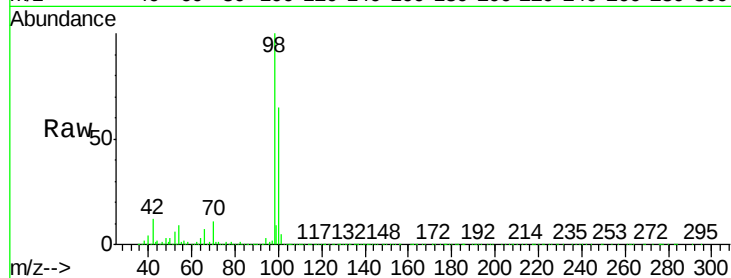
RE134D3-20200305

Tot Ion: 98 Resp: 648166

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 53.488 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015148.D

Acq: 09 Mar 2020 17:14

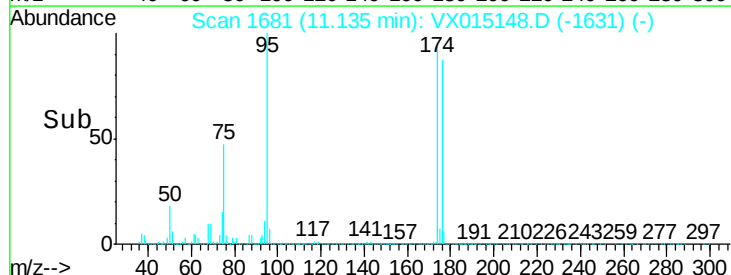
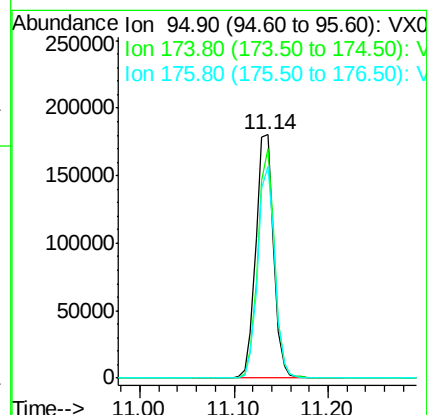
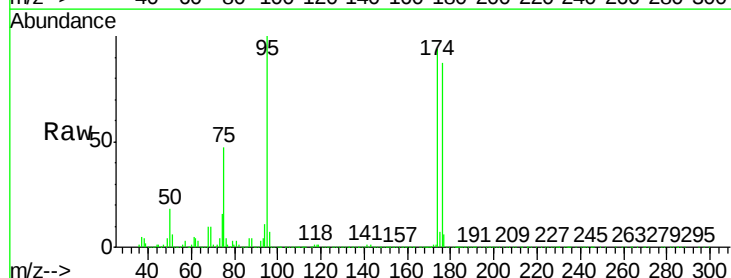
Tgt Ion: 95 Resp: 239835

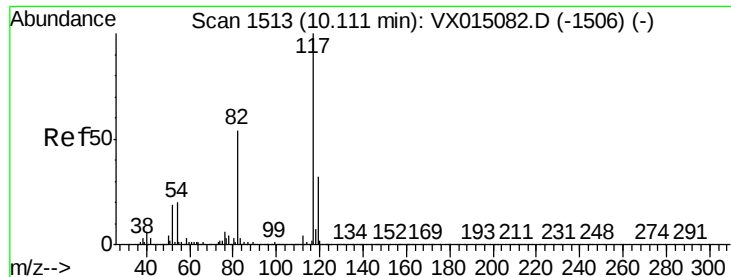
Ion Ratio Lower Upper

95 100

174 89.8 0.0 177.6

176 84.3 0.0 170.2

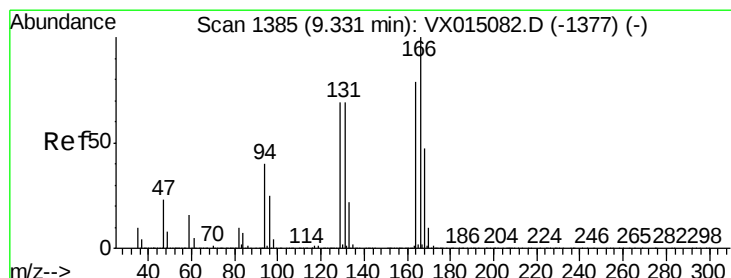
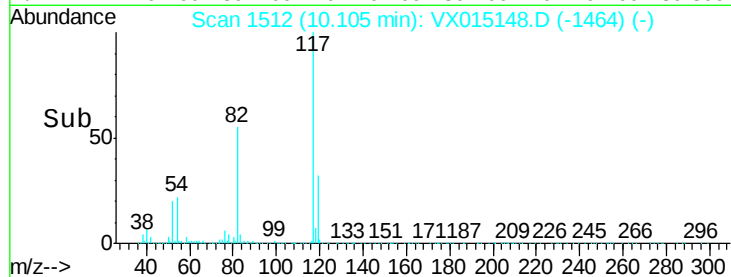
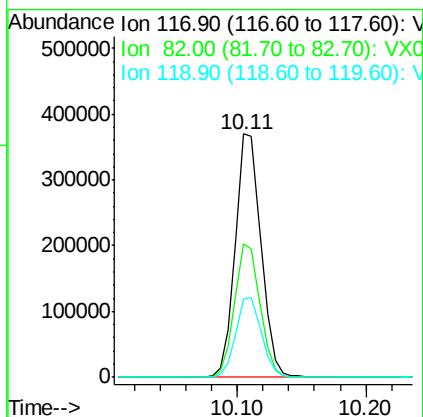
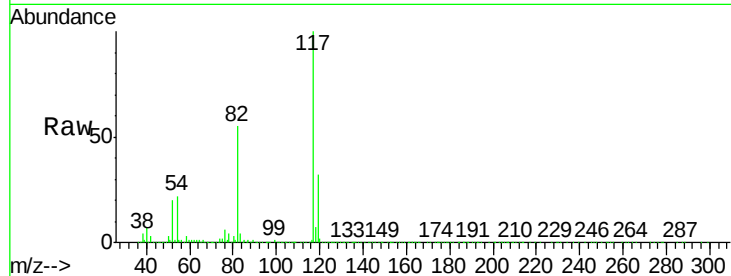




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015148.D
Acq: 09 Mar 2020 17:14

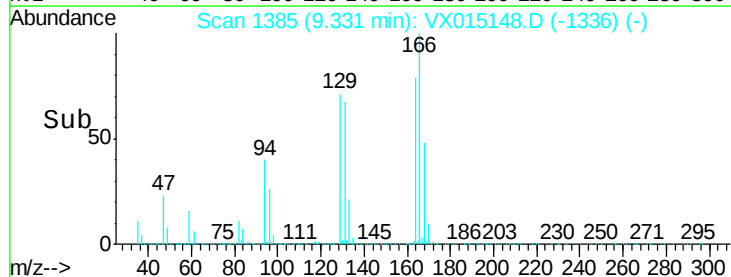
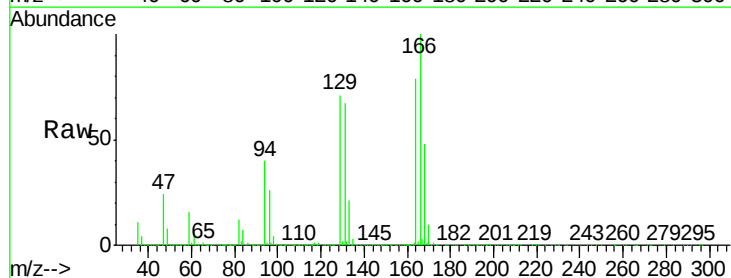
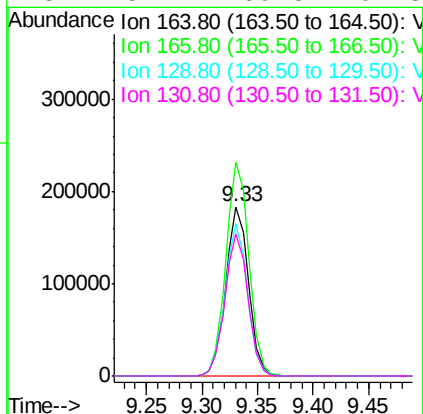
Instrument :
MSVOA_X
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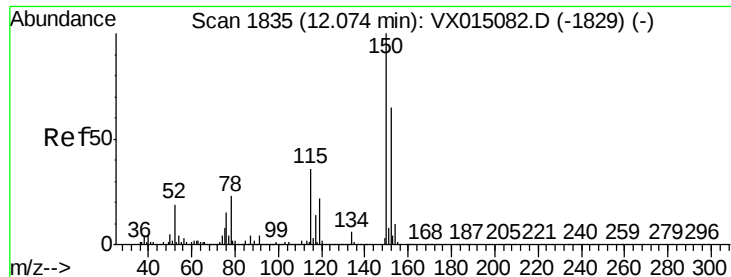
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.3	64.9
119	32.1	25.8	38.8



#64
Tetrachloroethene
Concen: 60.626 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015148.D
Acq: 09 Mar 2020 17:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	101.1	151.7
129	90.1	69.4	104.0
131	84.2	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: VX015148.D

Acq: 09 Mar 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20200305

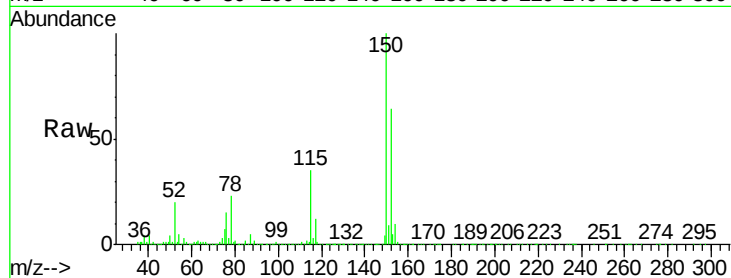
Tot Ion:152 Resp: 264742

Ion Ratio Lower Upper

152 100

115 55.7 38.2 114.6

150 156.3 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

