

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030920\
 Data File : VX015149.D
 Acq On : 09 Mar 2020 17:37
 Operator : JC/SP
 Sample : L1842-25
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20200305

Quant Time: Mar 10 11:41:29 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

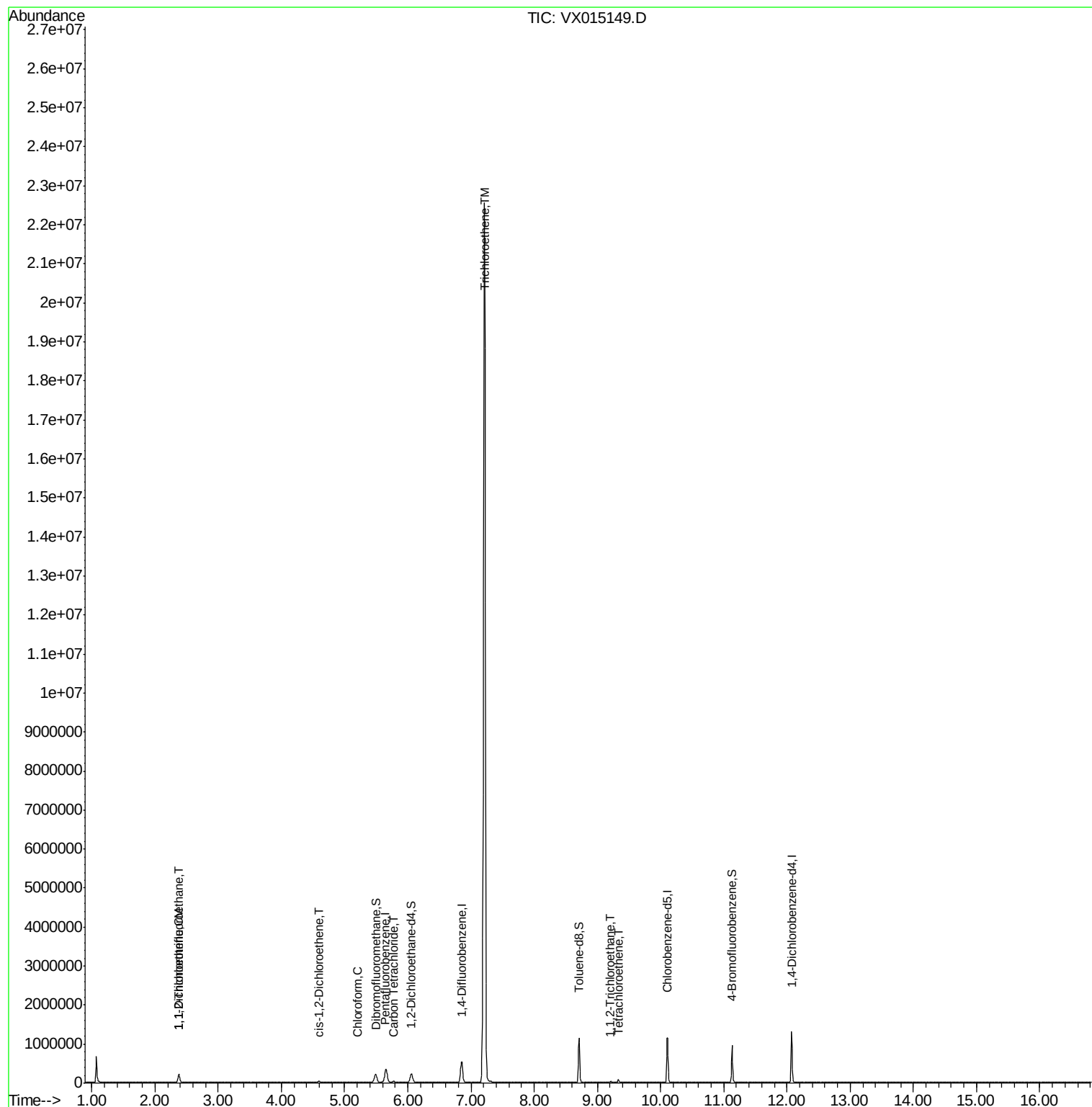
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	336787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	548185	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	533484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	272290	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	206519	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
35) Dibromofluoromethane	5.49	113	173889	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
50) Toluene-d8	8.71	98	667579	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.13	95	241914	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75202	23.714	ug/l	99
12) 1,1-Dichloroethene	2.37	96	19634	5.999	ug/l	93
27) cis-1,2-Dichloroethene	4.58	96	14069	3.589	ug/l	92
30) Chloroform	5.20	83	11201	1.821	ug/l	96
38) Carbon Tetrachloride	5.78	117	15676	3.277	ug/l	88
44) Trichloroethene	7.22	130	8754391	2090.732	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	4521	1.195	ug/l	88
64) Tetrachloroethene	9.33	164	13033	2.955	ug/l	95

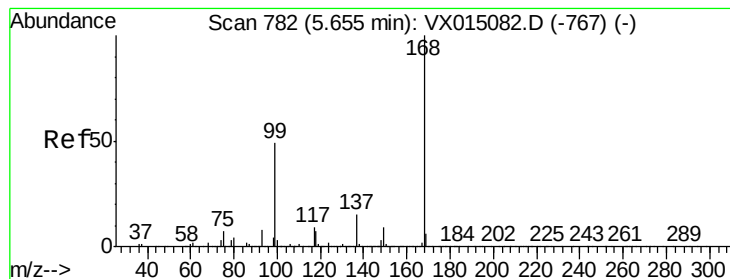
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015149.D

Acq: 09 Mar 2020 17:37

Instrument :

MSVOA_X

ClientSampleId :

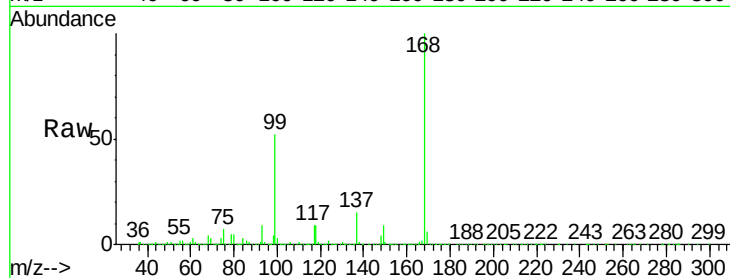
RE105D2-20200305

Tot Ion:168 Resp: 336787

Ion Ratio Lower Upper

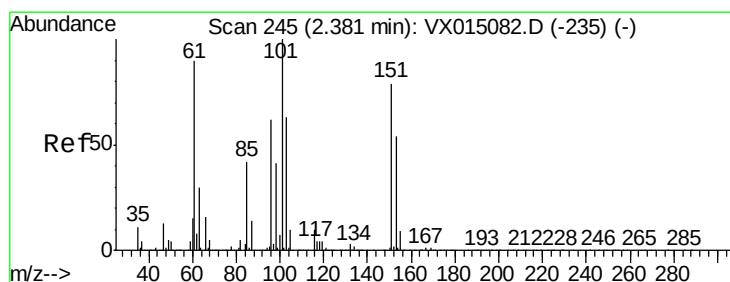
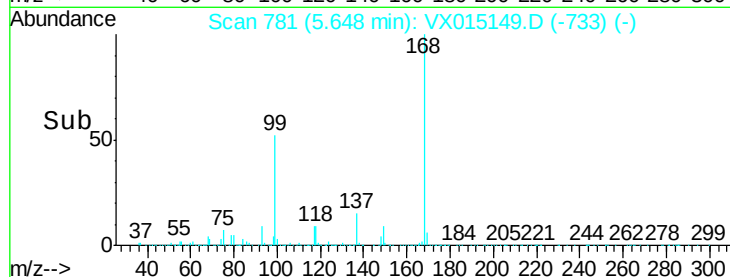
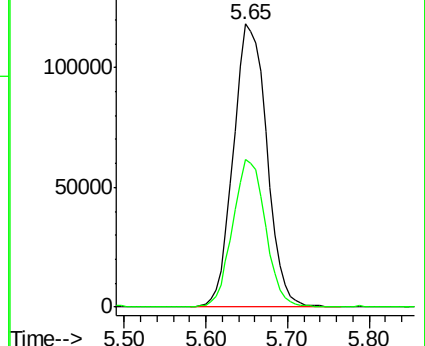
168 100

99 51.8 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: 23.714 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015149.D

Acq: 09 Mar 2020 17:37

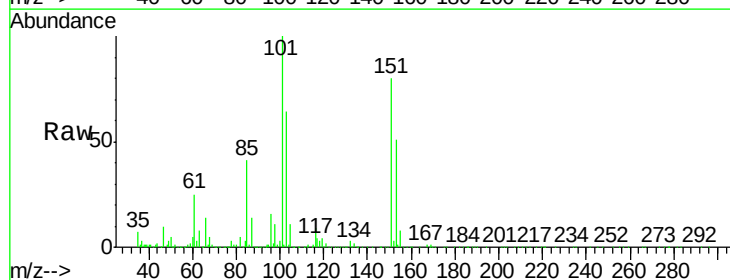
Tgt Ion:101 Resp: 75202

Ion Ratio Lower Upper

101 100

85 40.6 33.7 50.5

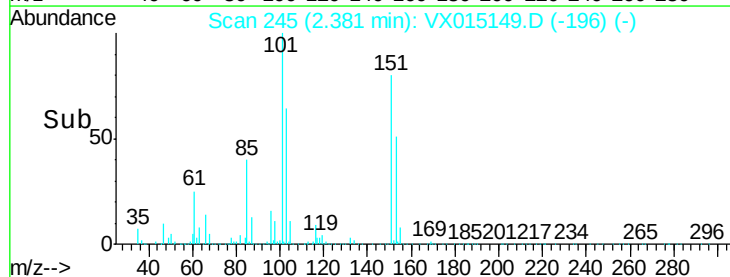
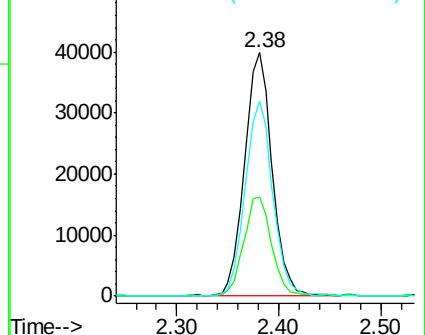
151 80.1 64.0 96.0

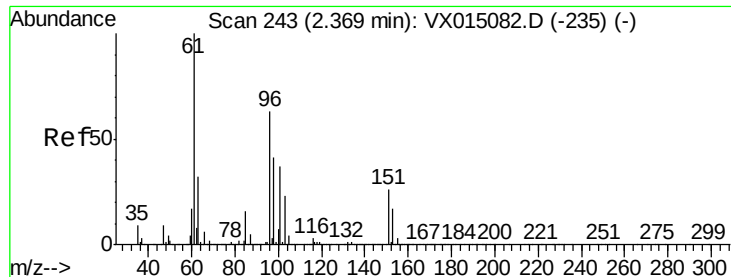


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 5.999 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015149.D

Acq: 09 Mar 2020 17:37

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20200305

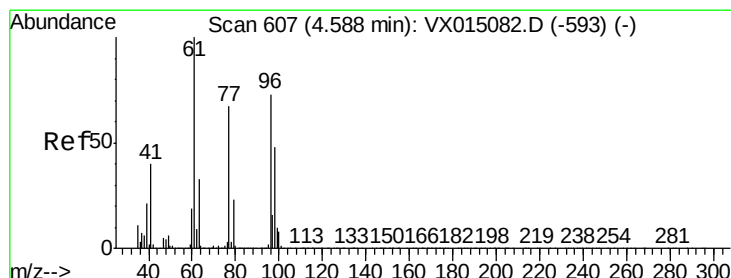
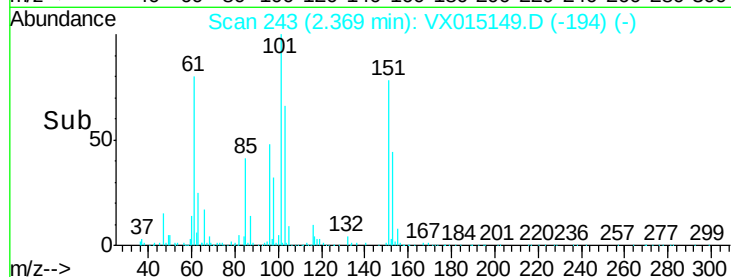
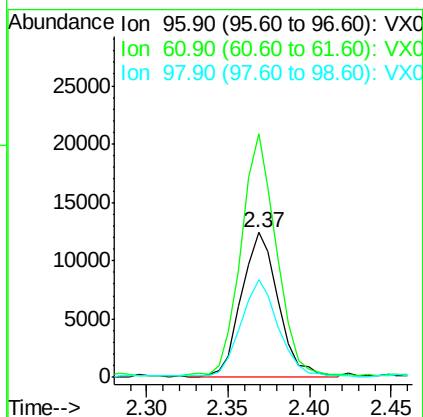
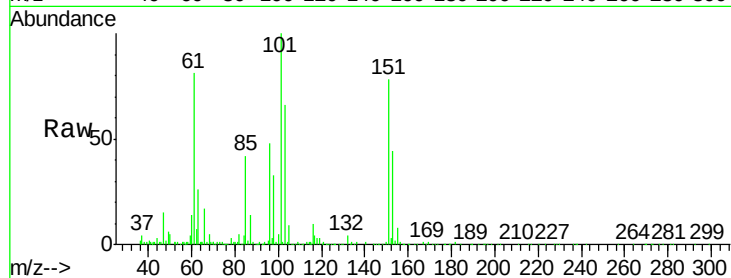
Tot Ion: 96 Resp: 19634

Ion Ratio Lower Upper

96 100

61 168.2 126.2 189.4

98 67.4 51.4 77.0



#27

cis-1,2-Dichloroethene

Concen: 3.589 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX015149.D

Acq: 09 Mar 2020 17:37

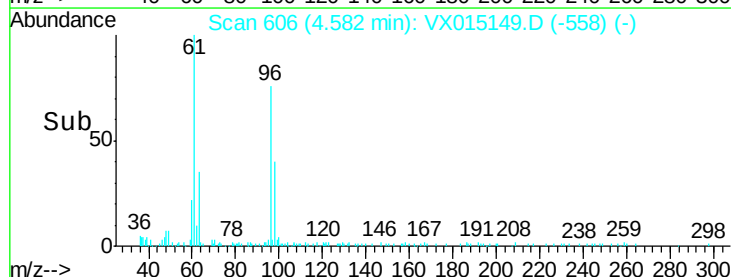
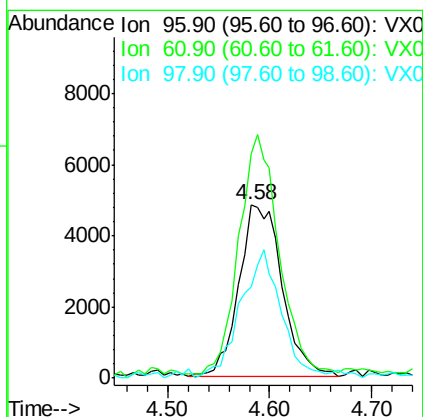
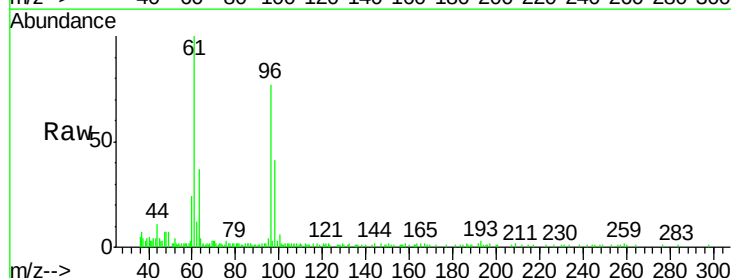
Tgt Ion: 96 Resp: 14069

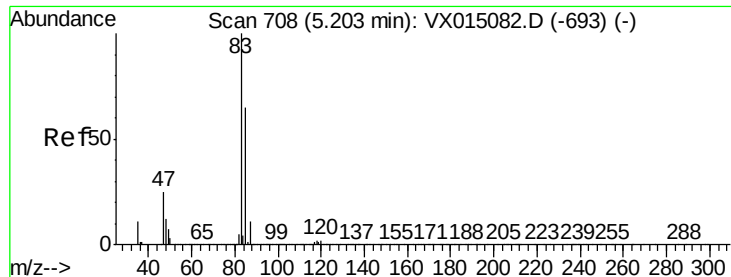
Ion Ratio Lower Upper

96 100

61 133.1 0.0 286.8

98 70.7 0.0 128.4

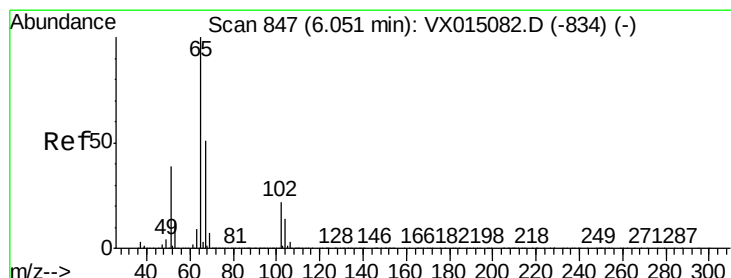
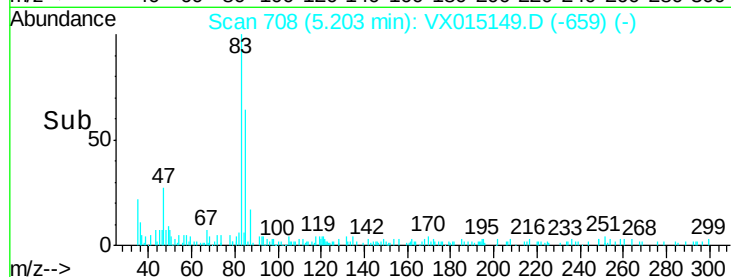
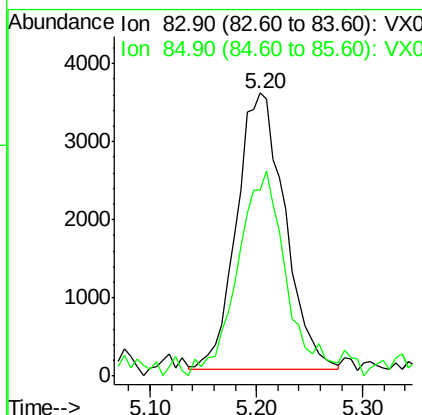
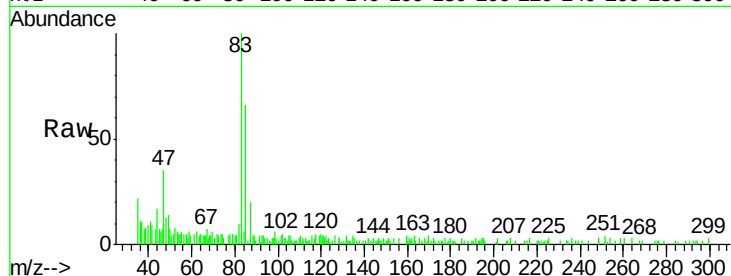




#30
Chloroform
Concen: 1.821 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX015149.D
Acq: 09 Mar 2020 17:37

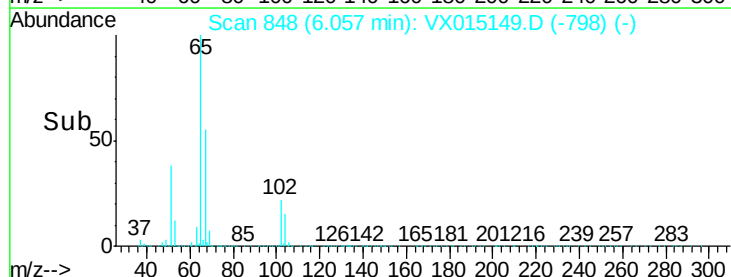
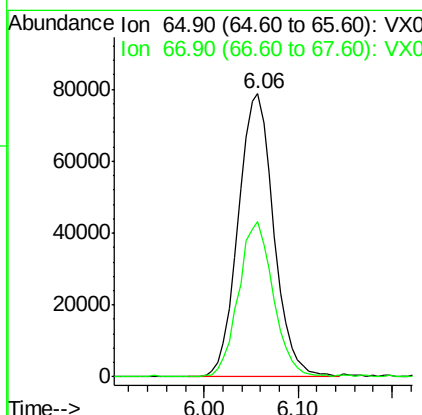
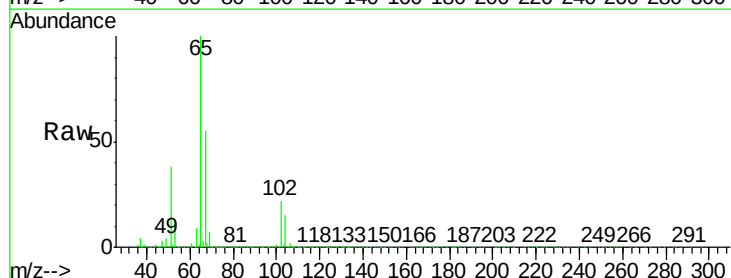
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20200305

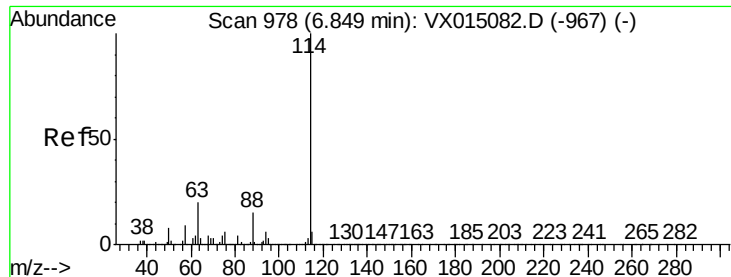
Tot Ion: 83 Resp: 11201
Ion Ratio Lower Upper
83 100
85 68.5 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 51.687 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX015149.D
Acq: 09 Mar 2020 17:37

Tgt Ion: 65 Resp: 206519
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.6

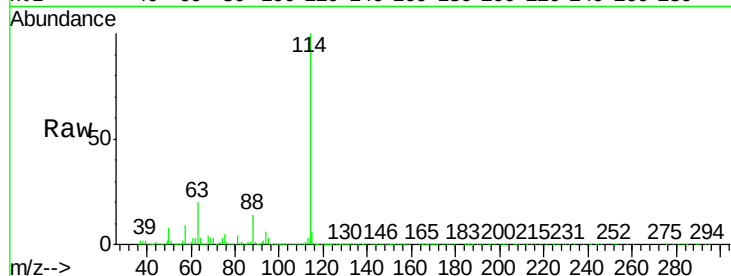




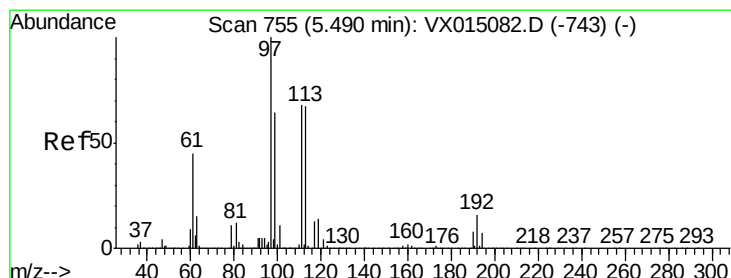
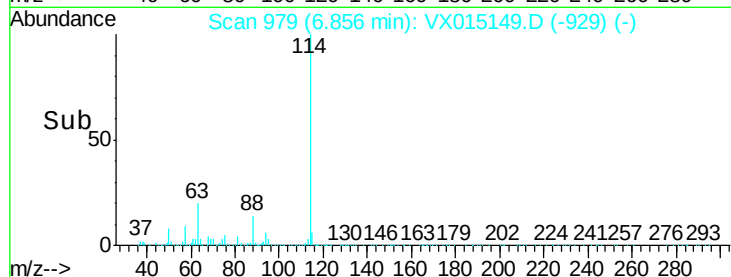
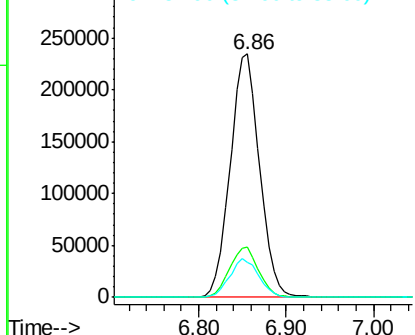
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX015149.D
Acq: 09 Mar 2020 17:37

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20200305

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.0
88	14.3	0.0	30.6

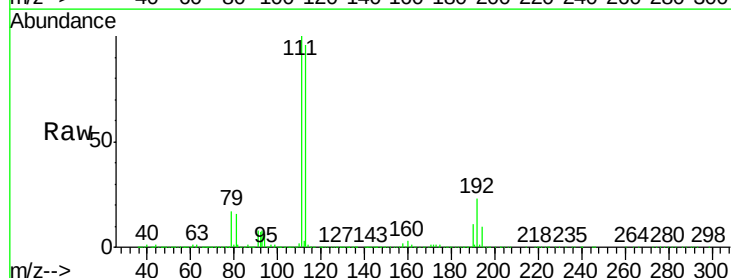


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

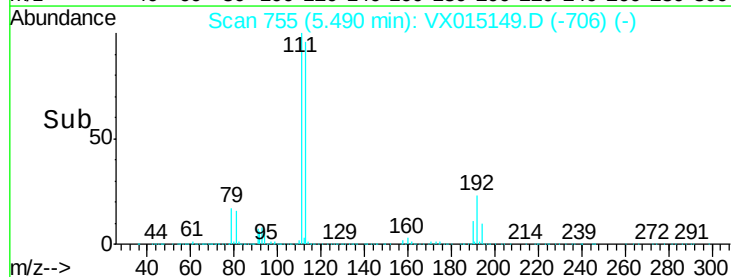
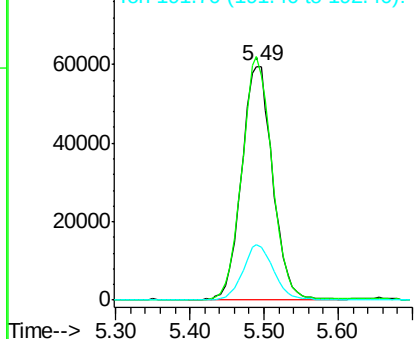


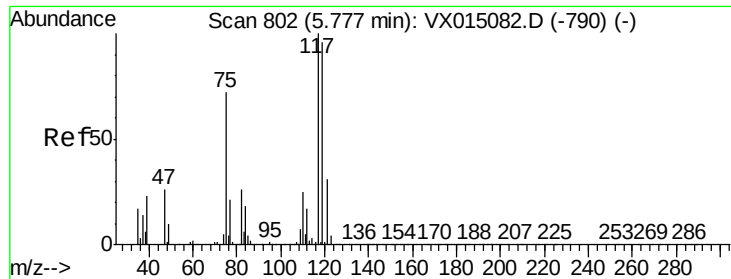
#35
Dibromofluoromethane
Concen: 50.281 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015149.D
Acq: 09 Mar 2020 17:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.6	123.8
192	23.4	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

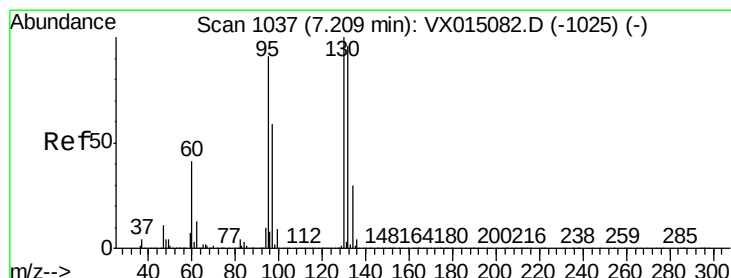
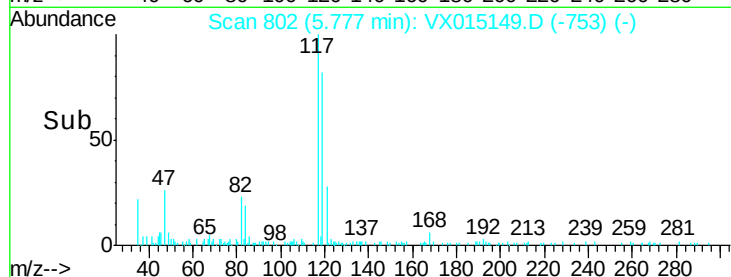
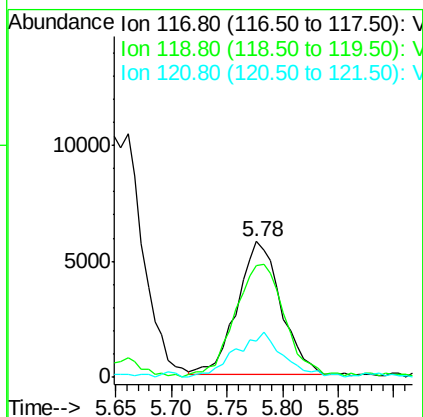
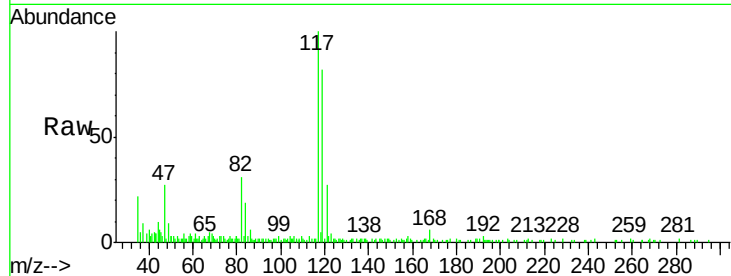




#38
Carbon Tetrachloride
Concen: 3.277 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015149.D
Acq: 09 Mar 2020 17:37

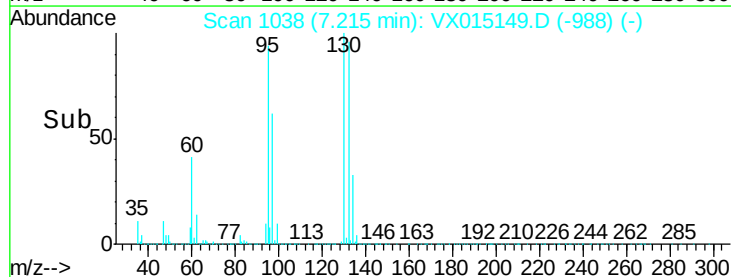
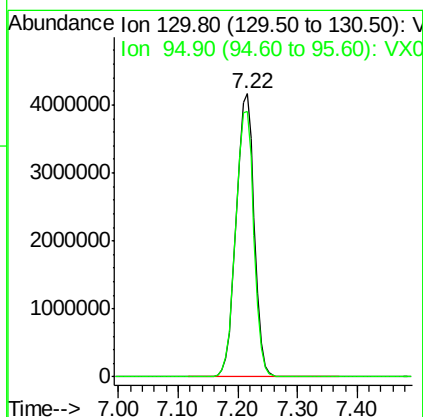
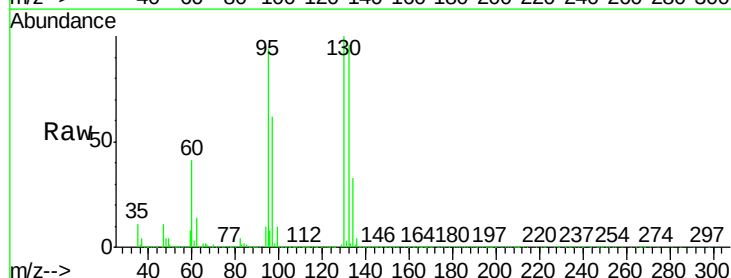
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20200305

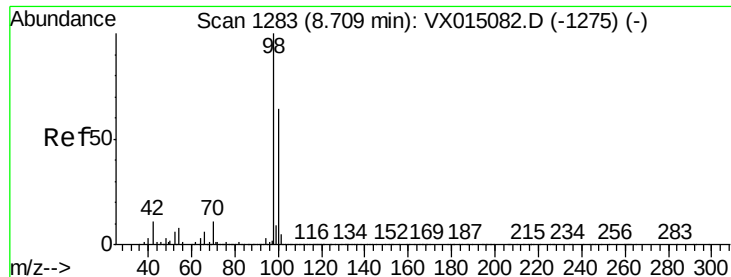
Tot Ion:117 Resp: 15676
Ion Ratio Lower Upper
117 100
119 81.9 76.9 115.3
121 27.5 24.6 37.0



#44
Trichloroethene
Concen: 2090.732 ug/l
RT: 7.22 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VX015149.D
Acq: 09 Mar 2020 17:37

Tgt Ion:130 Resp: 8754391
Ion Ratio Lower Upper
130 100
95 93.8 0.0 181.2





#50

Toluene-d8

Concen: 50.747 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015149.D

Acq: 09 Mar 2020 17:37

Instrument :

MSVOA_X

ClientSampleId :

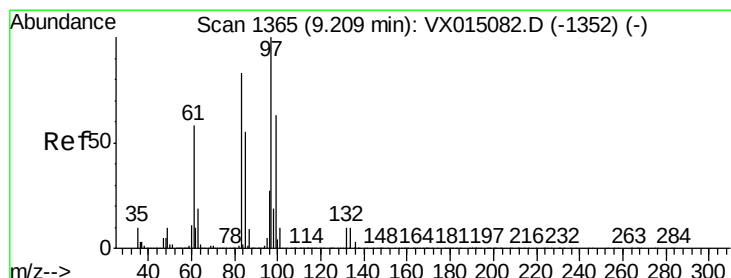
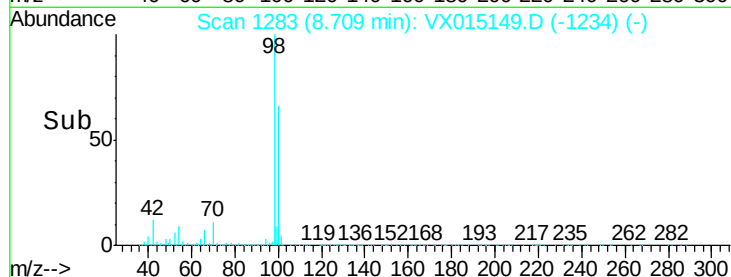
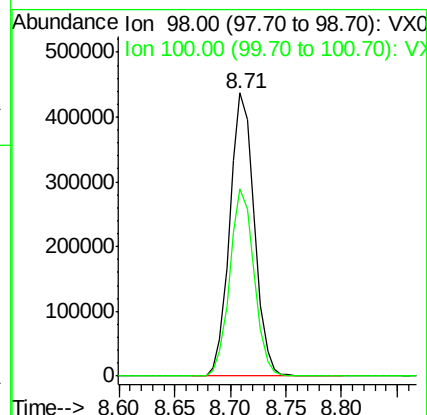
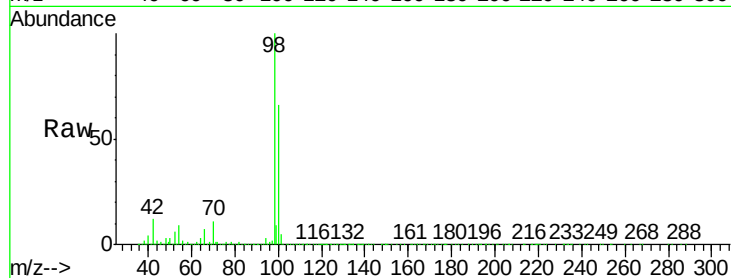
RE105D2-20200305

Tot Ion: 98 Resp: 667579

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6



#55

1,1,2-Trichloroethane

Concen: 1.195 ug/l

RT: 9.21 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VX015149.D

Acq: 09 Mar 2020 17:37

Tgt Ion: 97 Resp: 4521

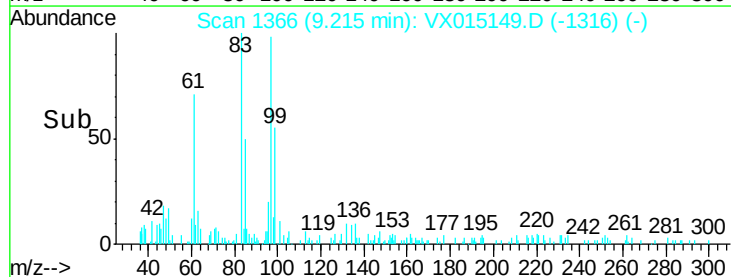
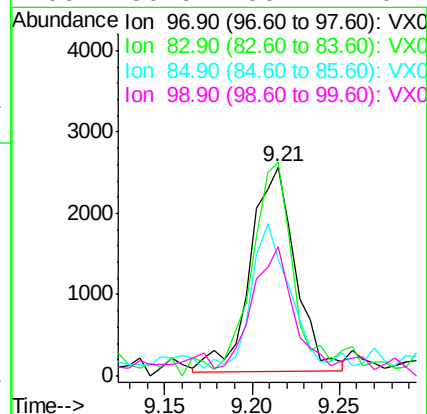
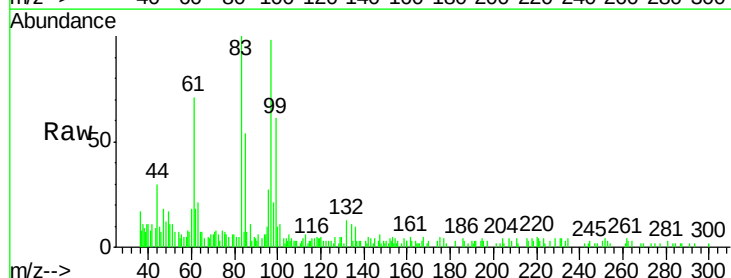
Ion Ratio Lower Upper

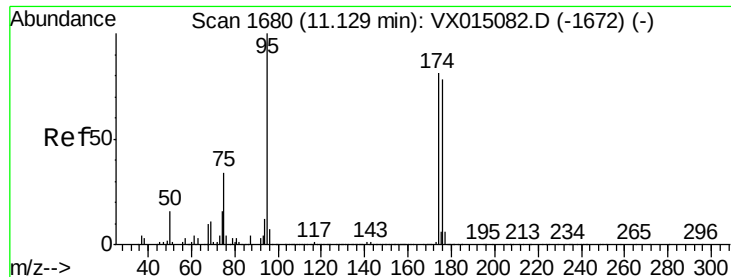
97 100

83 97.5 66.4 99.6

85 48.9 43.5 65.3

99 56.5 50.7 76.1

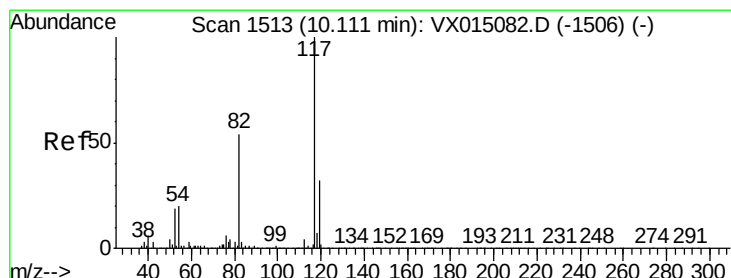
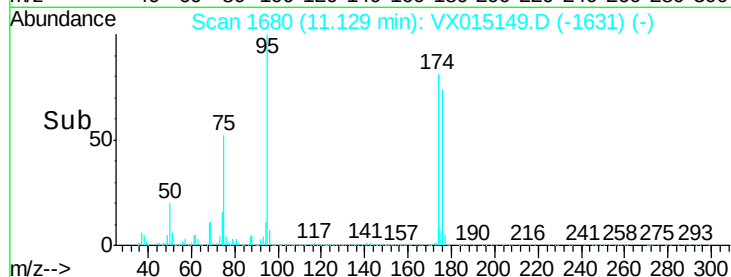
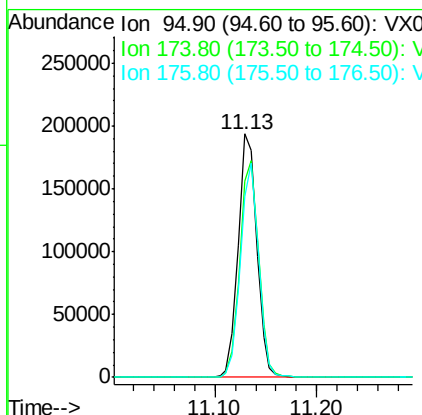
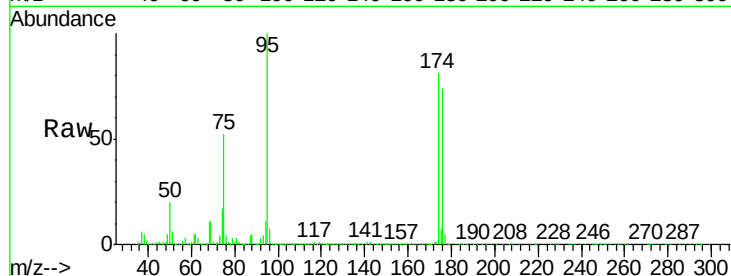




#62
4-Bromofluorobenzene
Concen: 51.556 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015149.D
Acq: 09 Mar 2020 17:37

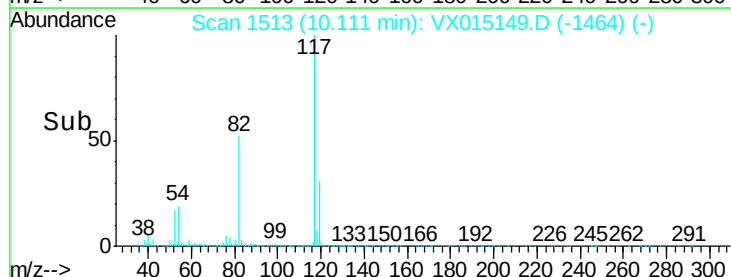
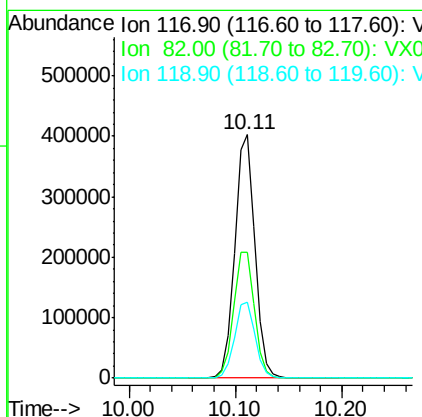
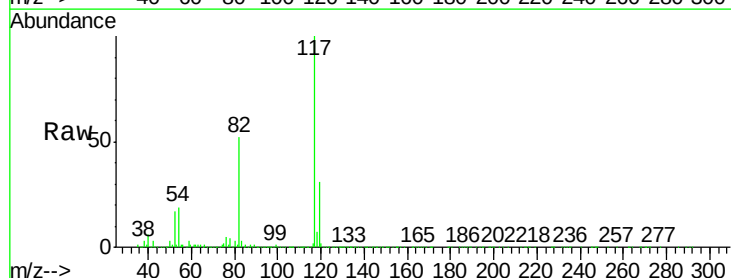
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20200305

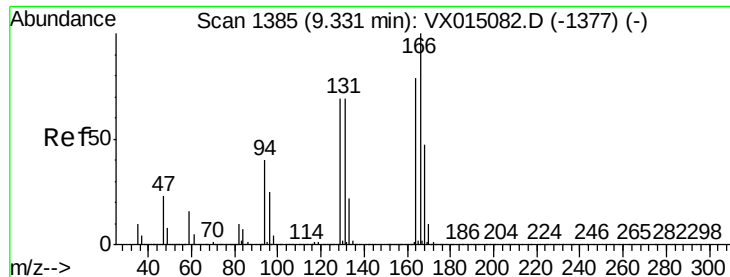
Tot Ion: 95 Resp: 241914
Ion Ratio Lower Upper
95 100
174 90.3 0.0 177.6
176 86.4 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015149.D
Acq: 09 Mar 2020 17:37

Tgt Ion: 117 Resp: 533484
Ion Ratio Lower Upper
117 100
82 51.7 43.3 64.9
119 31.2 25.8 38.8





#64

Tetrachloroethene

Concen: 2.955 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015149.D

Acq: 09 Mar 2020 17:37

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20200305

Tot Ion:164 Resp: 13033

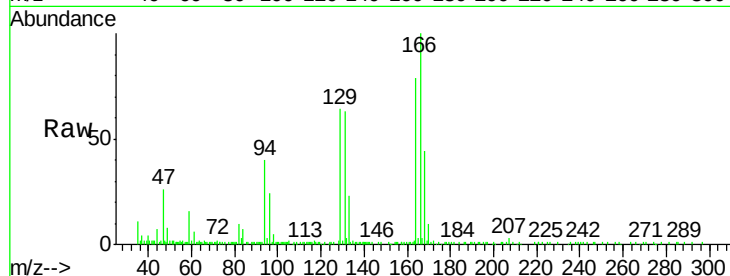
Ion Ratio Lower Upper

164 100

166 127.0 101.1 151.7

129 79.8 69.4 104.0

131 79.7 69.8 104.8

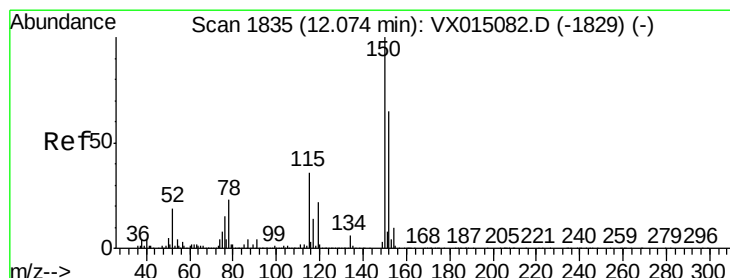
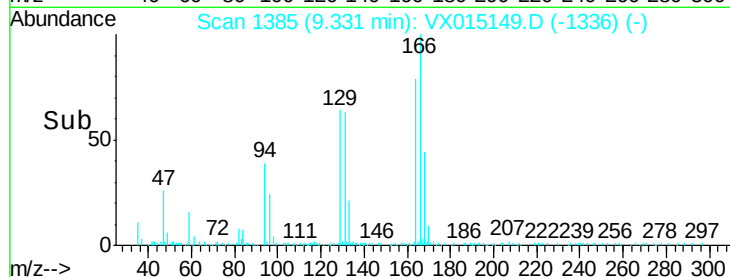
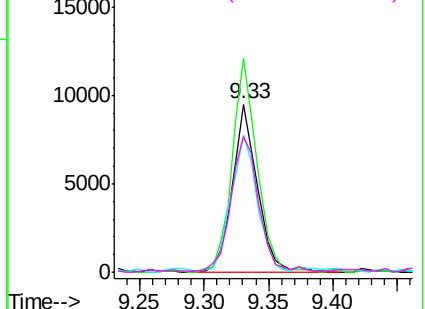


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX015149.D

Acq: 09 Mar 2020 17:37

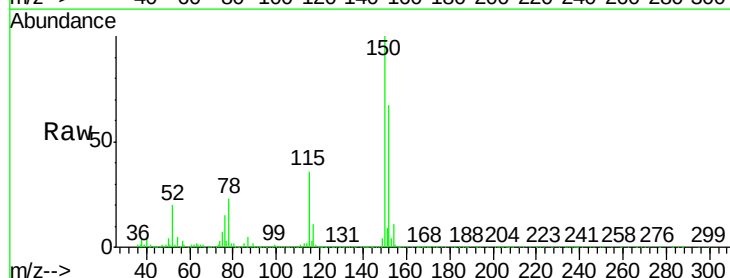
Tgt Ion:152 Resp: 272290

Ion Ratio Lower Upper

152 100

115 55.8 38.2 114.6

150 153.0 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

