

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030920\
 Data File : VX015141.D
 Acq On : 09 Mar 2020 14:36
 Operator : JC/SP
 Sample : L1842-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20200304

Quant Time: Mar 09 15:36:02 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

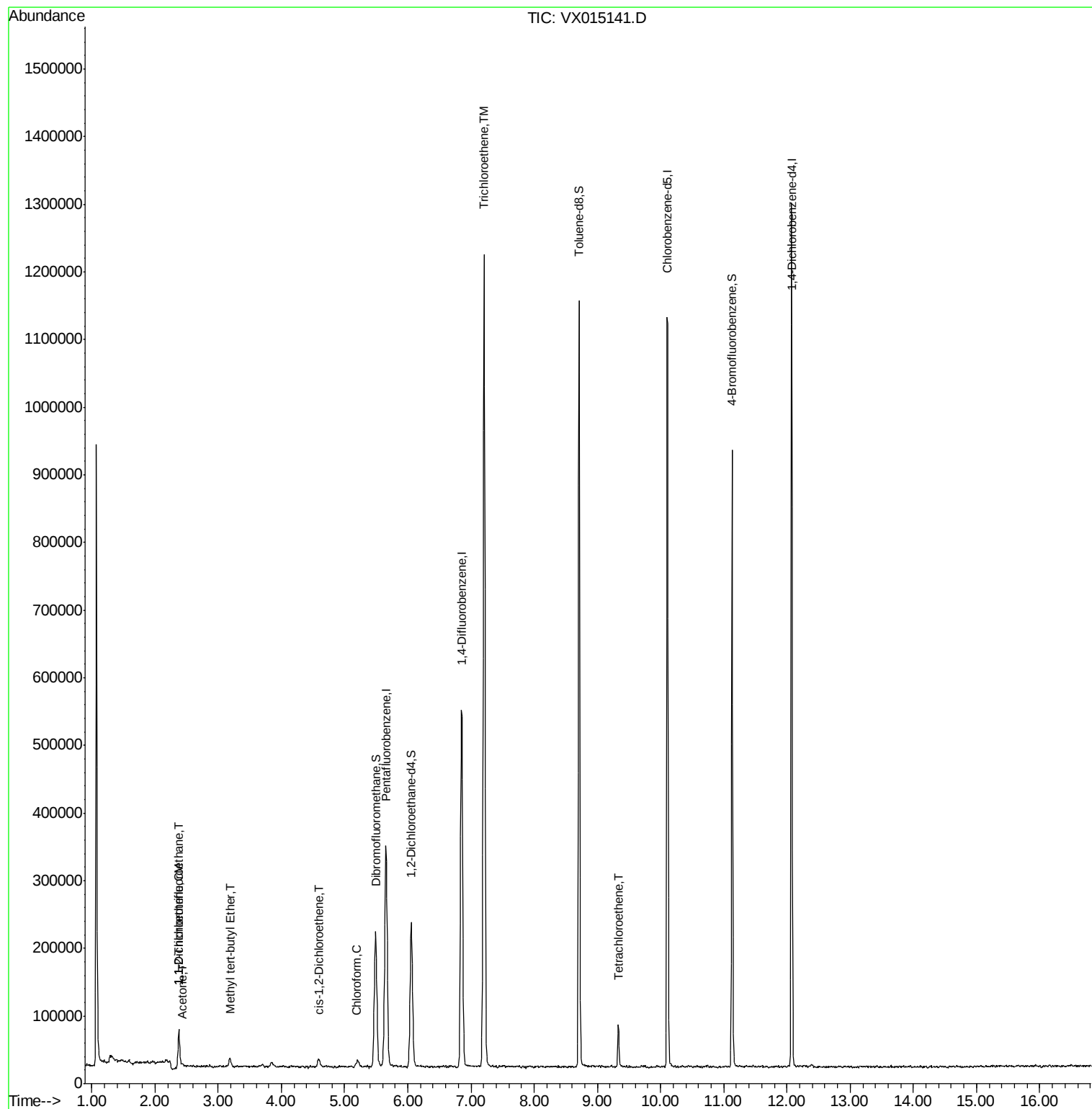
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	332968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	542139	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	519996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	263942	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	201026	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
35) Dibromofluoromethane	5.49	113	168834	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	8.71	98	659196	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	11.13	95	238754	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.38	101	20149	6.427	ug/l	99
12) 1,1-Dichloroethene	2.37	96	3633	1.123	ug/l	97
16) Acetone	2.44	43	4639	2.900	ug/l	94
19) Methyl tert-butyl Ether	3.19	73	15674	1.550	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	7814	2.016	ug/l	81
30) Chloroform	5.20	83	12286	2.021	ug/l	84
44) Trichloroethene	7.21	130	468686	113.180	ug/l	100
64) Tetrachloroethene	9.33	164	13172	3.064	ug/l	98

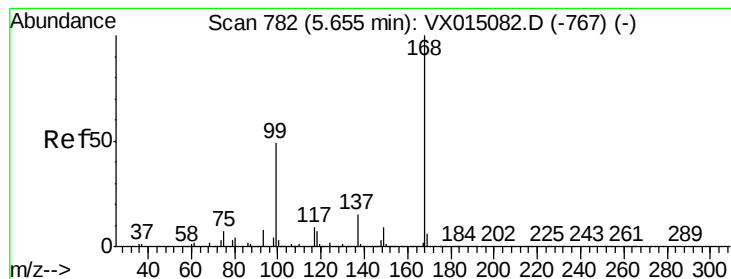
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015141.D

Acq: 09 Mar 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

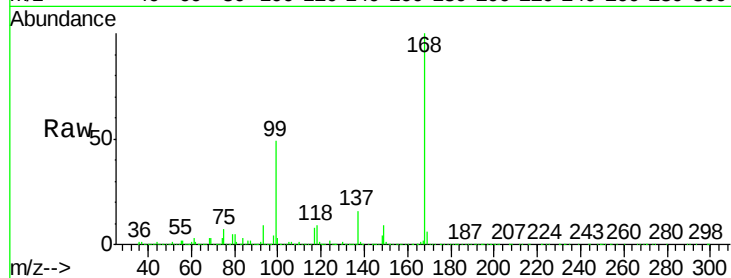
RE132D1-20200304

Tot Ion:168 Resp: 332968

Ion Ratio Lower Upper

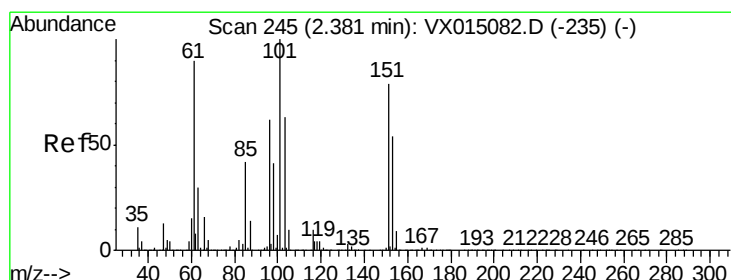
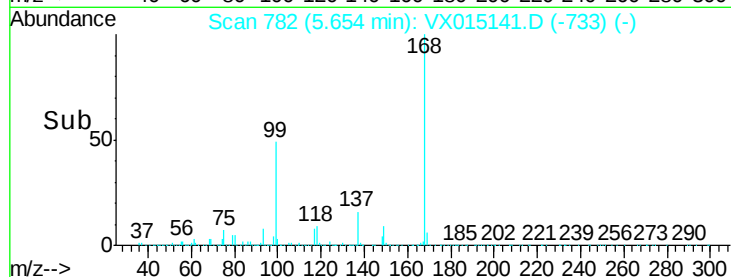
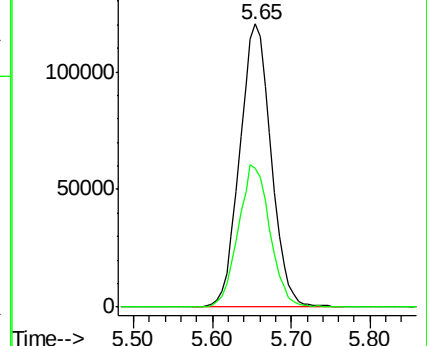
168 100

99 48.9 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: 6.427 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015141.D

Acq: 09 Mar 2020 14:36

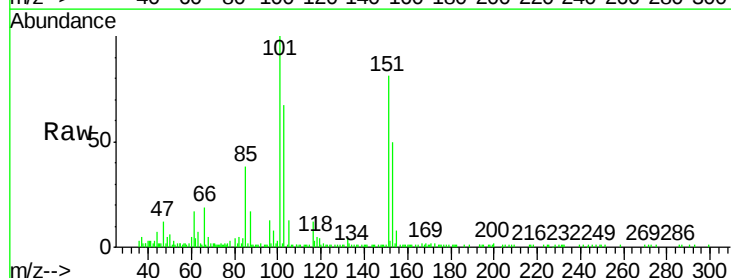
Tgt Ion:101 Resp: 20149

Ion Ratio Lower Upper

101 100

85 41.0 33.7 50.5

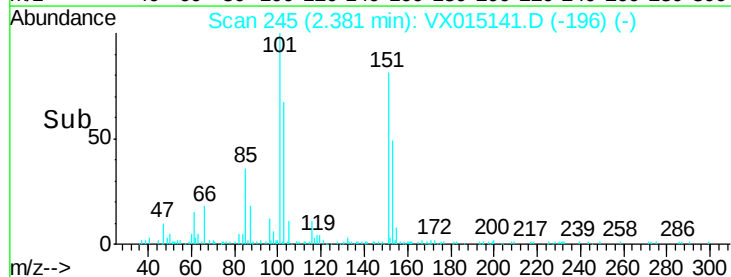
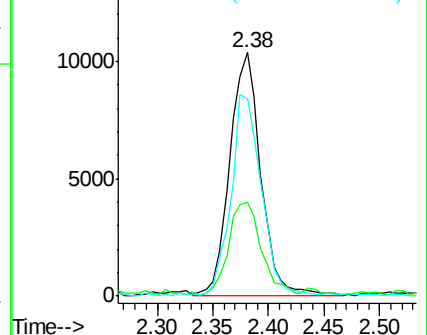
151 79.0 64.0 96.0

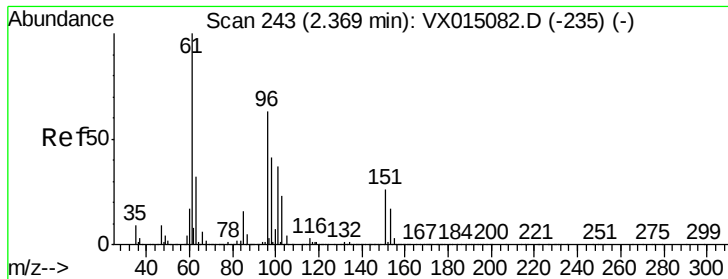


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 1.123 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015141.D

Acq: 09 Mar 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20200304

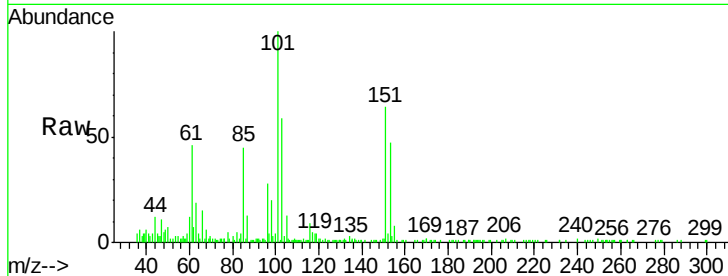
Tot Ion: 96 Resp: 3633

Ion Ratio Lower Upper

96 100

61 160.5 126.2 189.4

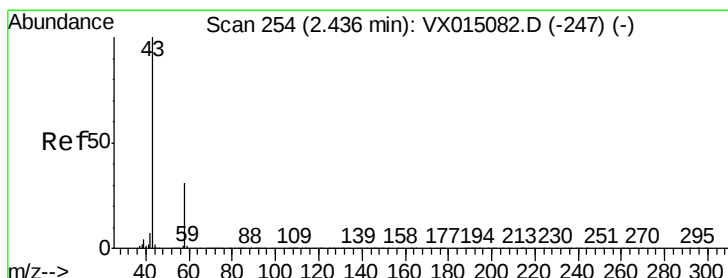
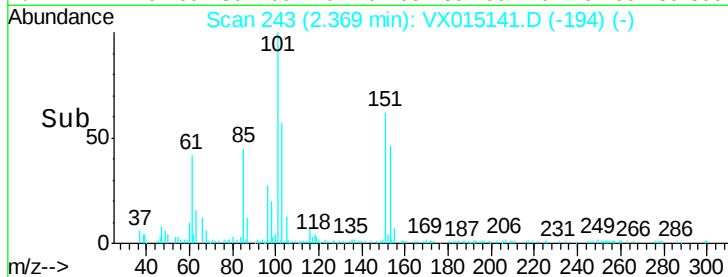
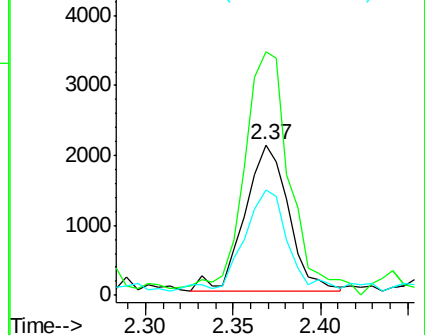
98 67.9 51.4 77.0



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



#16

Acetone

Concen: 2.900 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015141.D

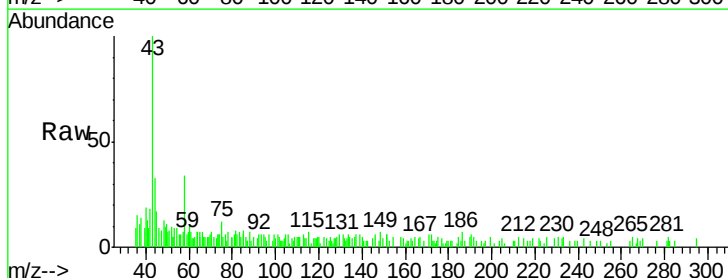
Acq: 09 Mar 2020 14:36

Tgt Ion: 43 Resp: 4639

Ion Ratio Lower Upper

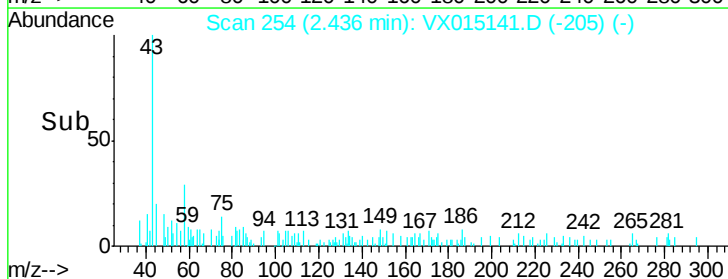
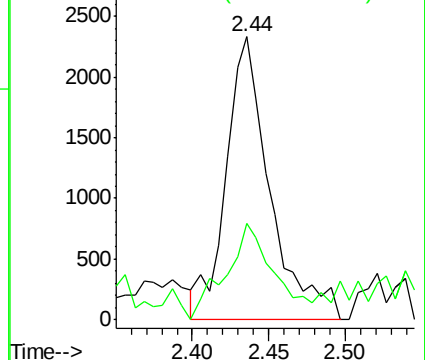
43 100

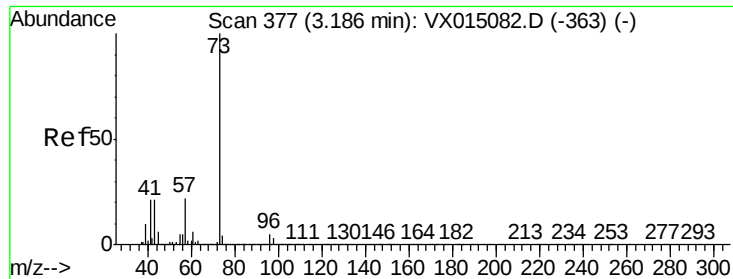
58 34.2 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



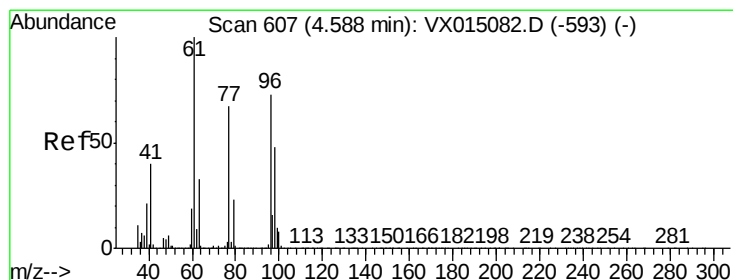
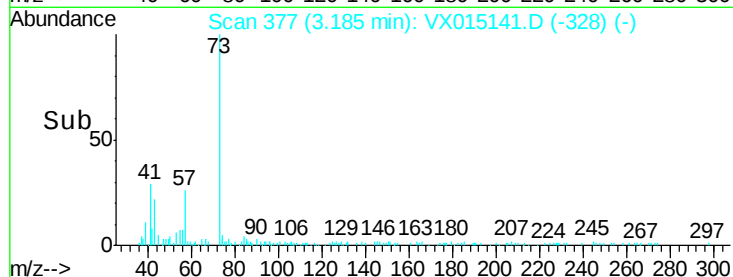
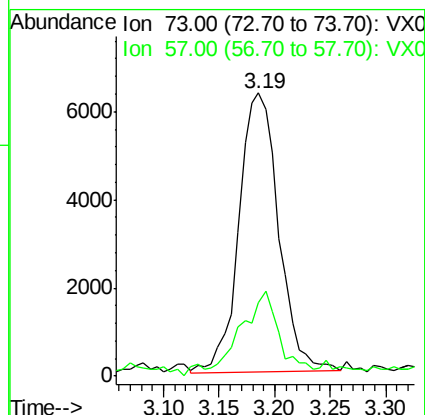
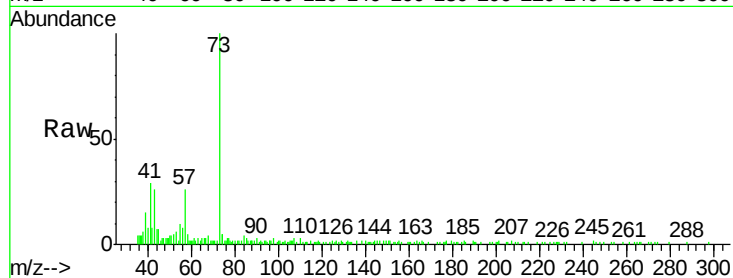


#19

Methvl tert-butvl Ether
 Concen: 1.550 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX015141.D
 Acq: 09 Mar 2020 14:36

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20200304

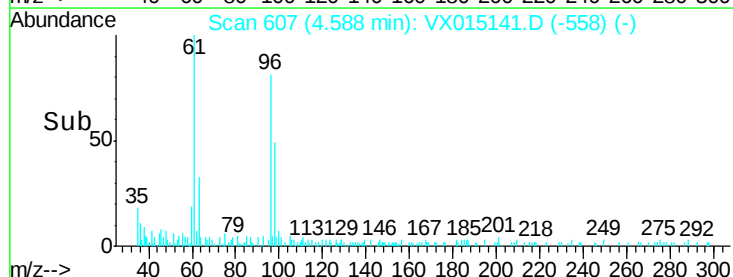
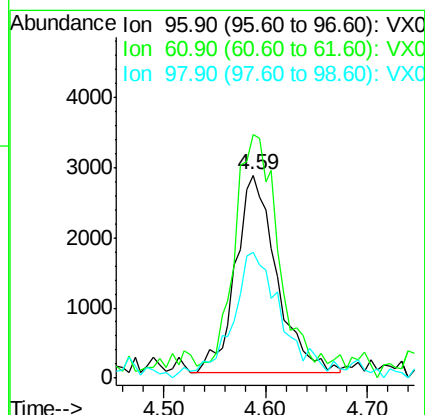
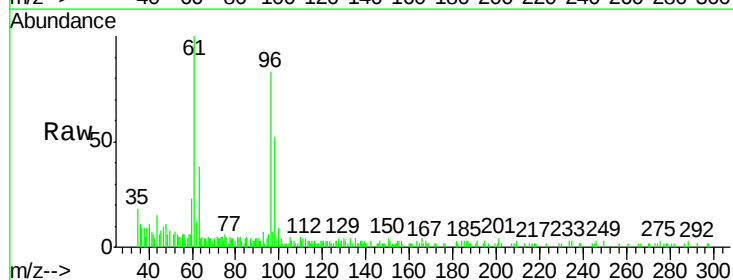
Tot Ion: 73 Resp: 15674
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.8 26.6

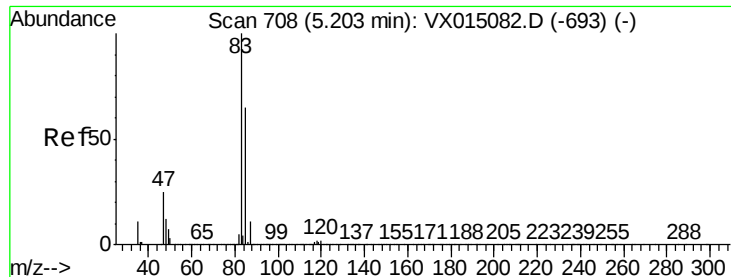


#27

cis-1,2-Dichloroethene
 Concen: 2.016 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX015141.D
 Acq: 09 Mar 2020 14:36

Tgt Ion: 96 Resp: 7814
 Ion Ratio Lower Upper
 96 100
 61 117.8 0.0 286.8
 98 77.2 0.0 128.4

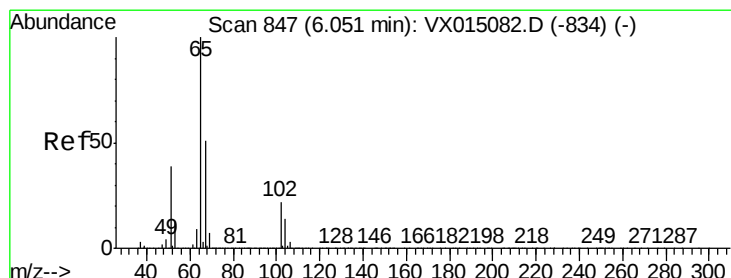
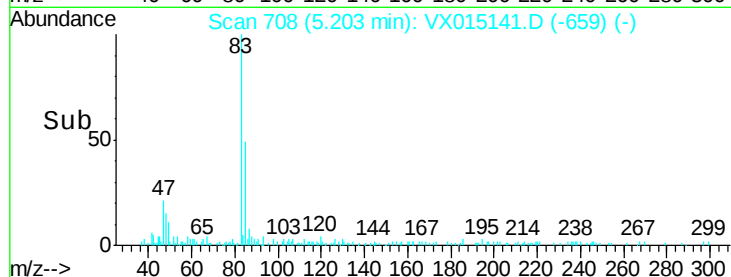
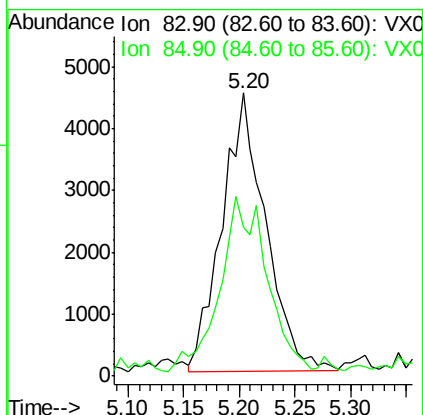
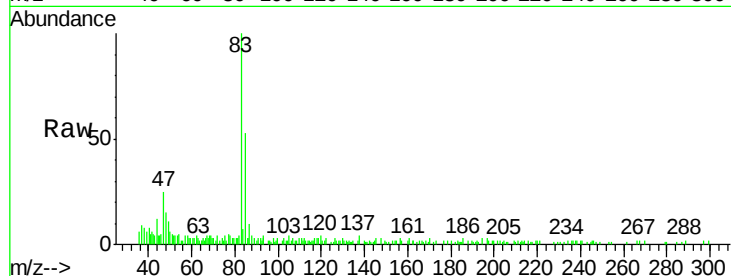




#30
Chloroform
Concen: 2.021 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX015141.D
Acq: 09 Mar 2020 14:36

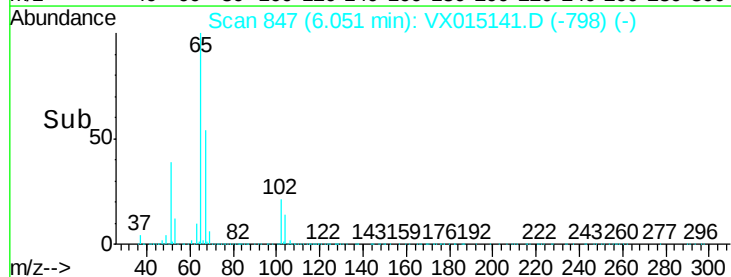
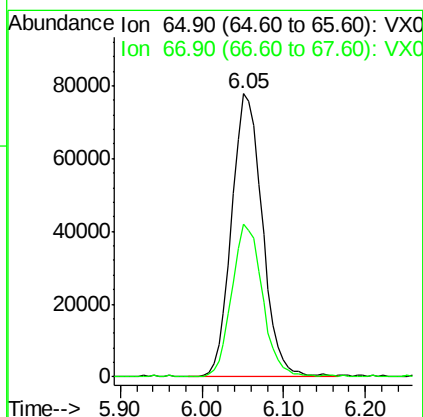
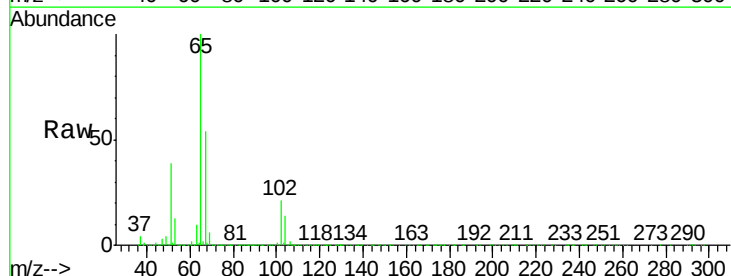
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20200304

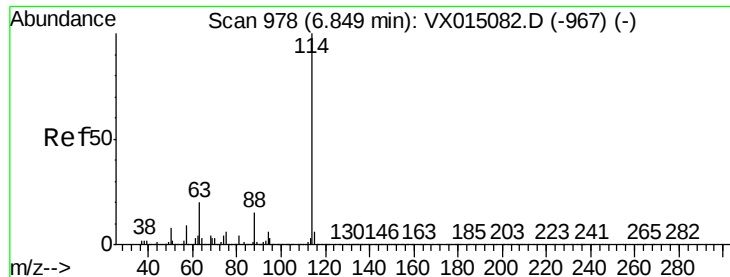
Tot Ion: 83 Resp: 12286
Ion Ratio Lower Upper
83 100
85 52.0 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 50.889 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX015141.D
Acq: 09 Mar 2020 14:36

Tgt Ion: 65 Resp: 201026
Ion Ratio Lower Upper
65 100
67 53.6 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: VX015141.D

Acq: 09 Mar 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20200304

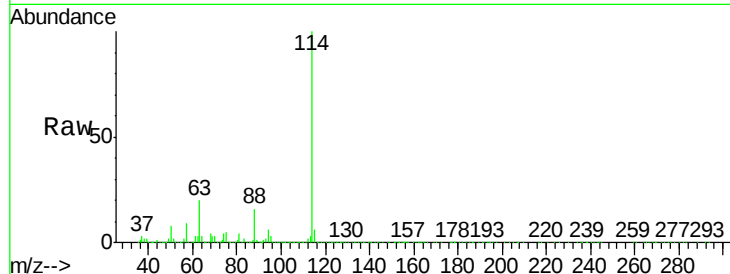
Tot Ion:114 Resp: 542139

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

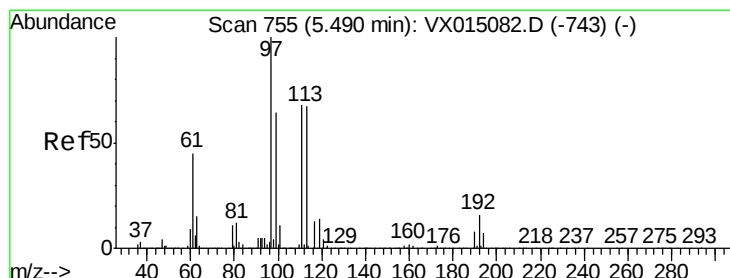
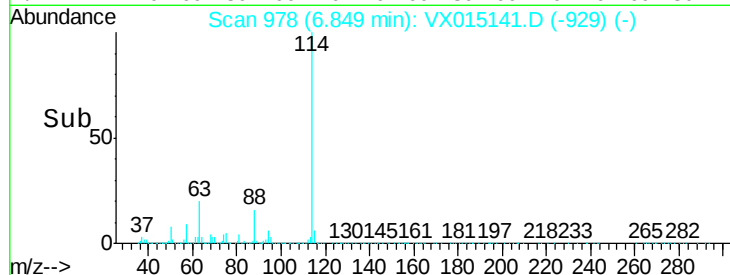
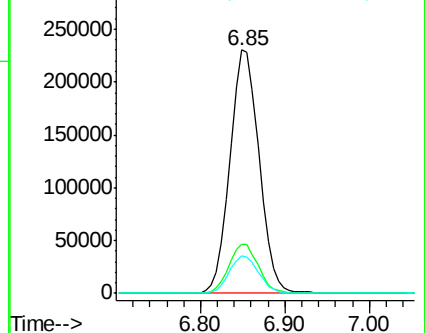
88 15.6 0.0 30.6



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: 49.364 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015141.D

Acq: 09 Mar 2020 14:36

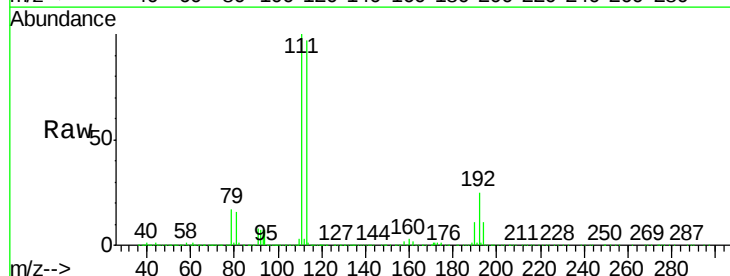
Tgt Ion:113 Resp: 168834

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

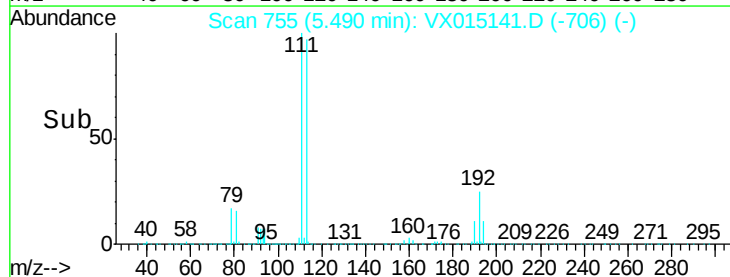
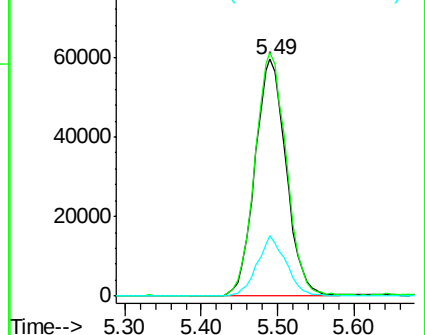
192 23.8 18.6 28.0

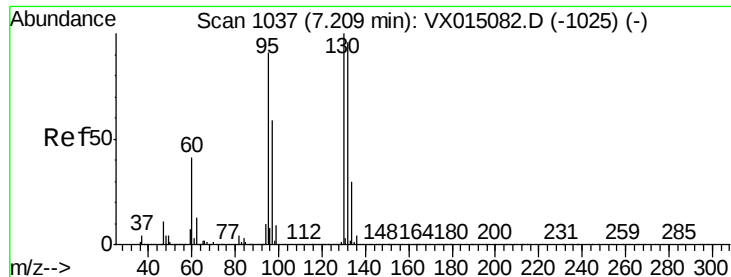


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 113.180 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015141.D

Acq: 09 Mar 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

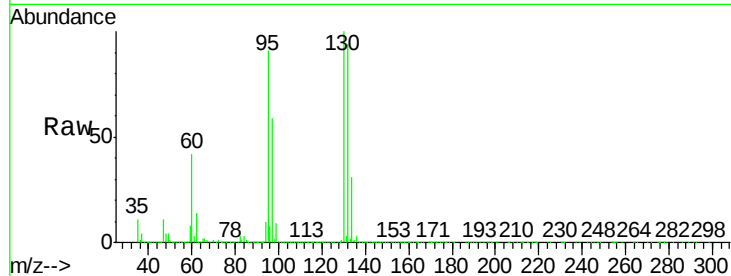
RE132D1-20200304

Tot Ion:130 Resp: 468686

Ion Ratio Lower Upper

130 100

95 90.6 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

250000

200000

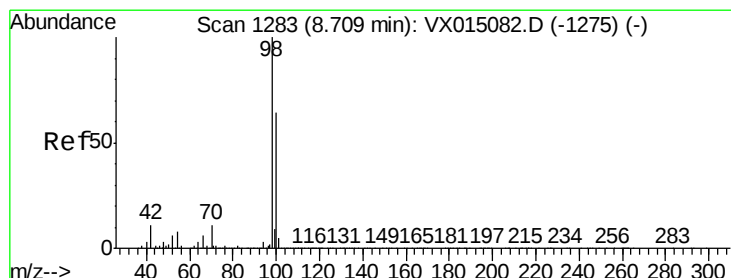
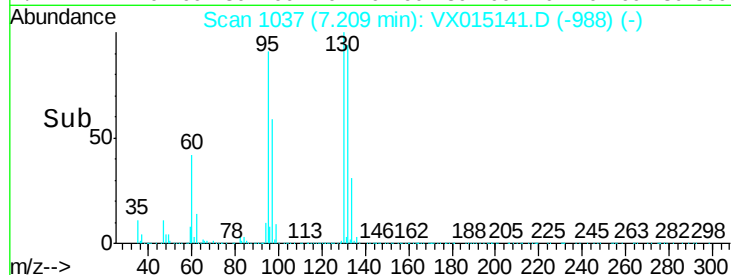
150000

100000

50000

0

Time--> 7.10 7.20 7.30



#50

Toluene-d8

Concen: 50.669 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015141.D

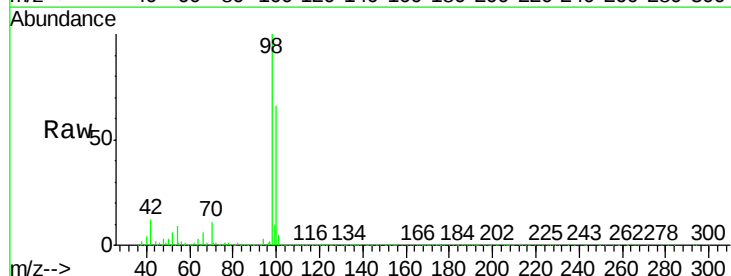
Acq: 09 Mar 2020 14:36

Tgt Ion: 98 Resp: 659196

Ion Ratio Lower Upper

98 100

100 65.9 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

500000

400000

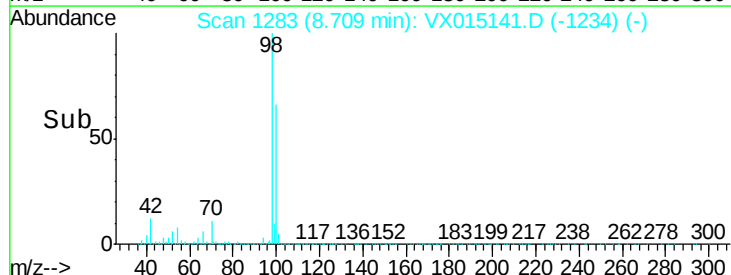
300000

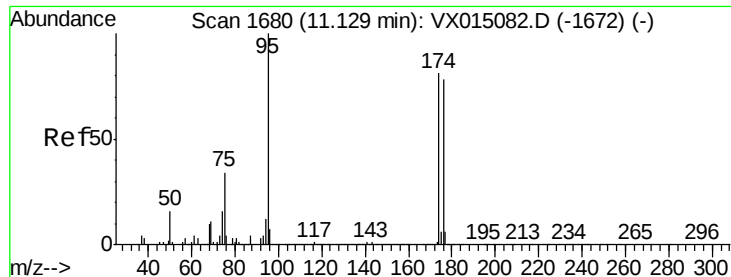
200000

100000

0

Time--> 8.60 8.70 8.80





#62

4-Bromofluorobenzene

Concen: 51.450 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015141.D

Acq: 09 Mar 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20200304

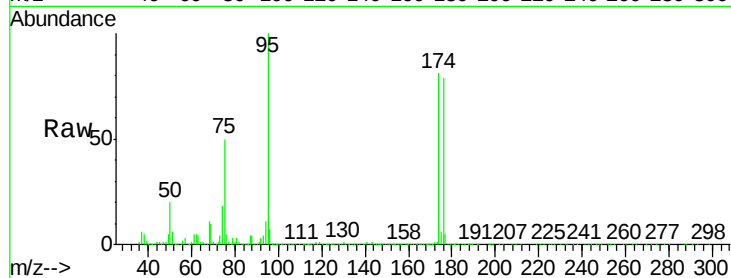
Tot Ion: 95 Resp: 238754

Ion Ratio Lower Upper

95 100

174 89.6 0.0 177.6

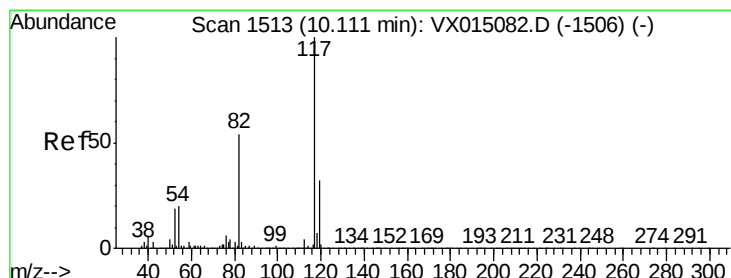
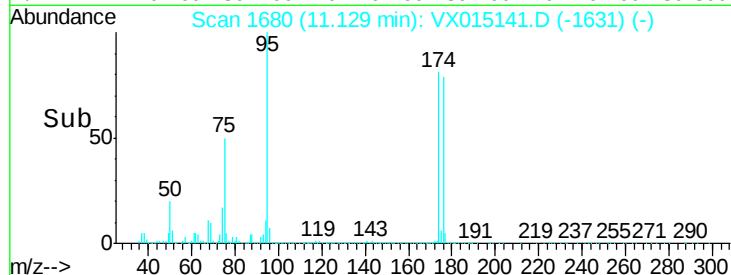
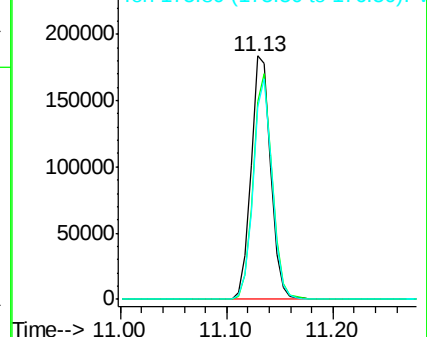
176 87.1 0.0 170.2



Abundance Ion 94.90 (94.60 to 95.60): VX015082.D (-1672) (-)

Ion 173.80 (173.50 to 174.50): VX015082.D (-1672) (-)

Ion 175.80 (175.50 to 176.50): VX015082.D (-1672) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX015141.D

Acq: 09 Mar 2020 14:36

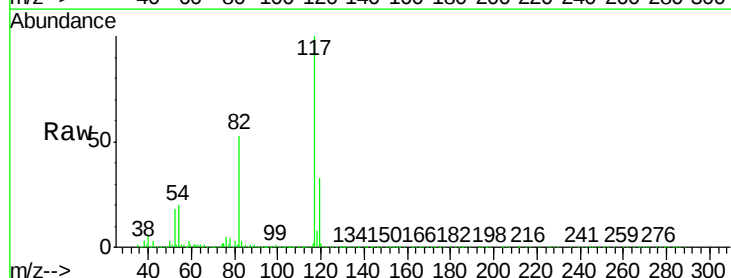
Tgt Ion: 117 Resp: 519996

Ion Ratio Lower Upper

117 100

82 53.0 43.3 64.9

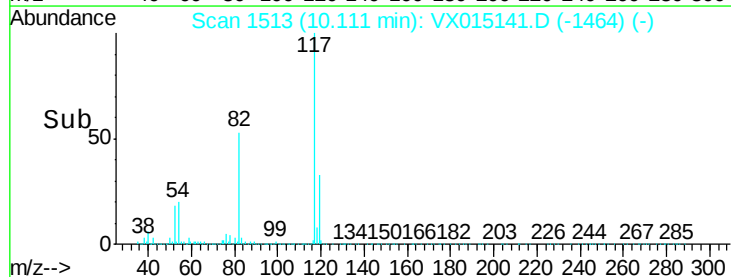
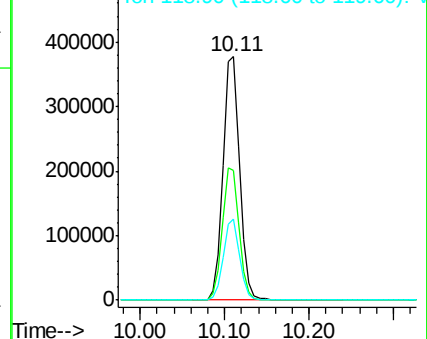
119 33.2 25.8 38.8

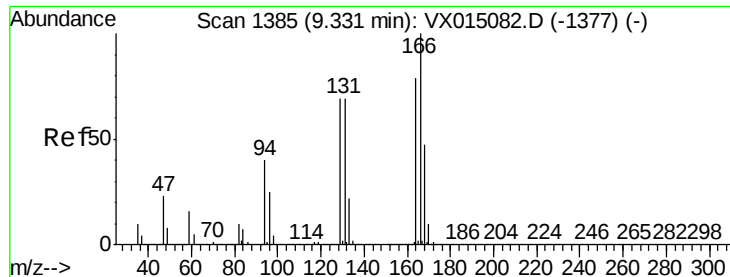


Abundance Ion 116.90 (116.60 to 117.60): VX015082.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX015082.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX015082.D (-1506) (-)





#64

Tetrachloroethene

Concen: 3.064 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015141.D

Acq: 09 Mar 2020 14:36

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20200304

Tot Ion:164 Resp: 13172

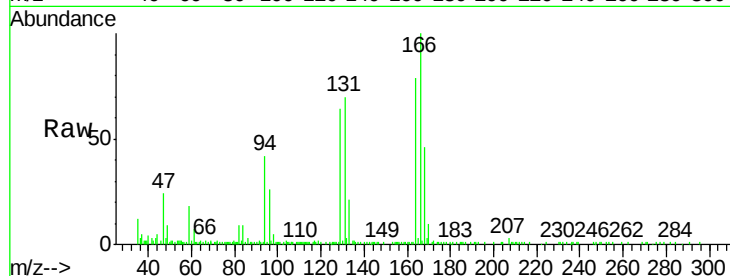
Ion Ratio Lower Upper

164 100

166 126.1 101.1 151.7

129 81.4 69.4 104.0

131 88.4 69.8 104.8

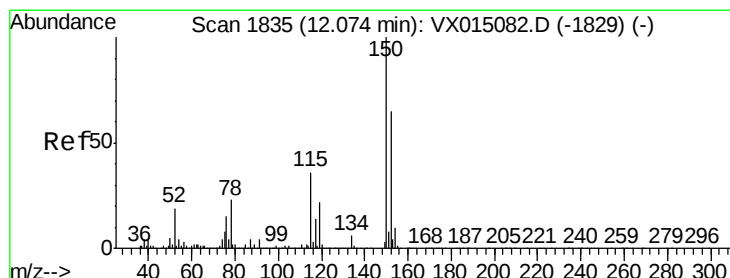
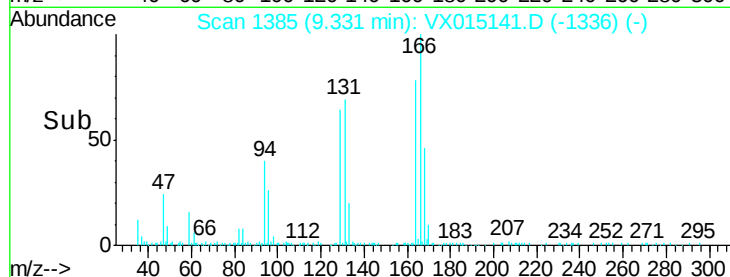
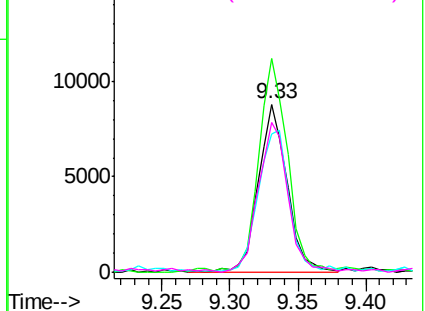


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX015141.D

Acq: 09 Mar 2020 14:36

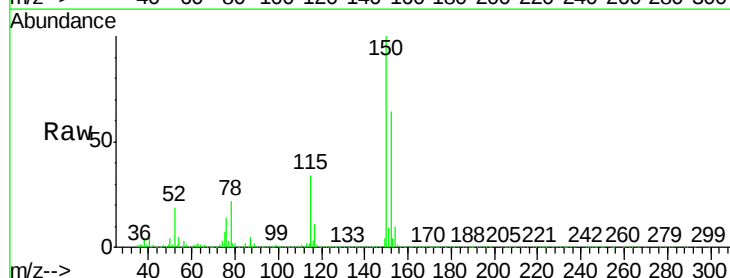
Tgt Ion:152 Resp: 263942

Ion Ratio Lower Upper

152 100

115 56.2 38.2 114.6

150 157.4 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

