

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014504.D
 Acq On : 09 Jan 2020 18:10
 Operator : JC/SP
 Sample : L1034-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Quant Time: Jan 10 07:21:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	522858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	802806	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	724419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	336816	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	285493	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
35) Dibromofluoromethane	5.49	113	239854	49.36	ug/l	0.00
Spiked Amount			Recovery	=	98.72%	
50) Toluene-d8	8.71	98	937094	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.13	95	324710	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	

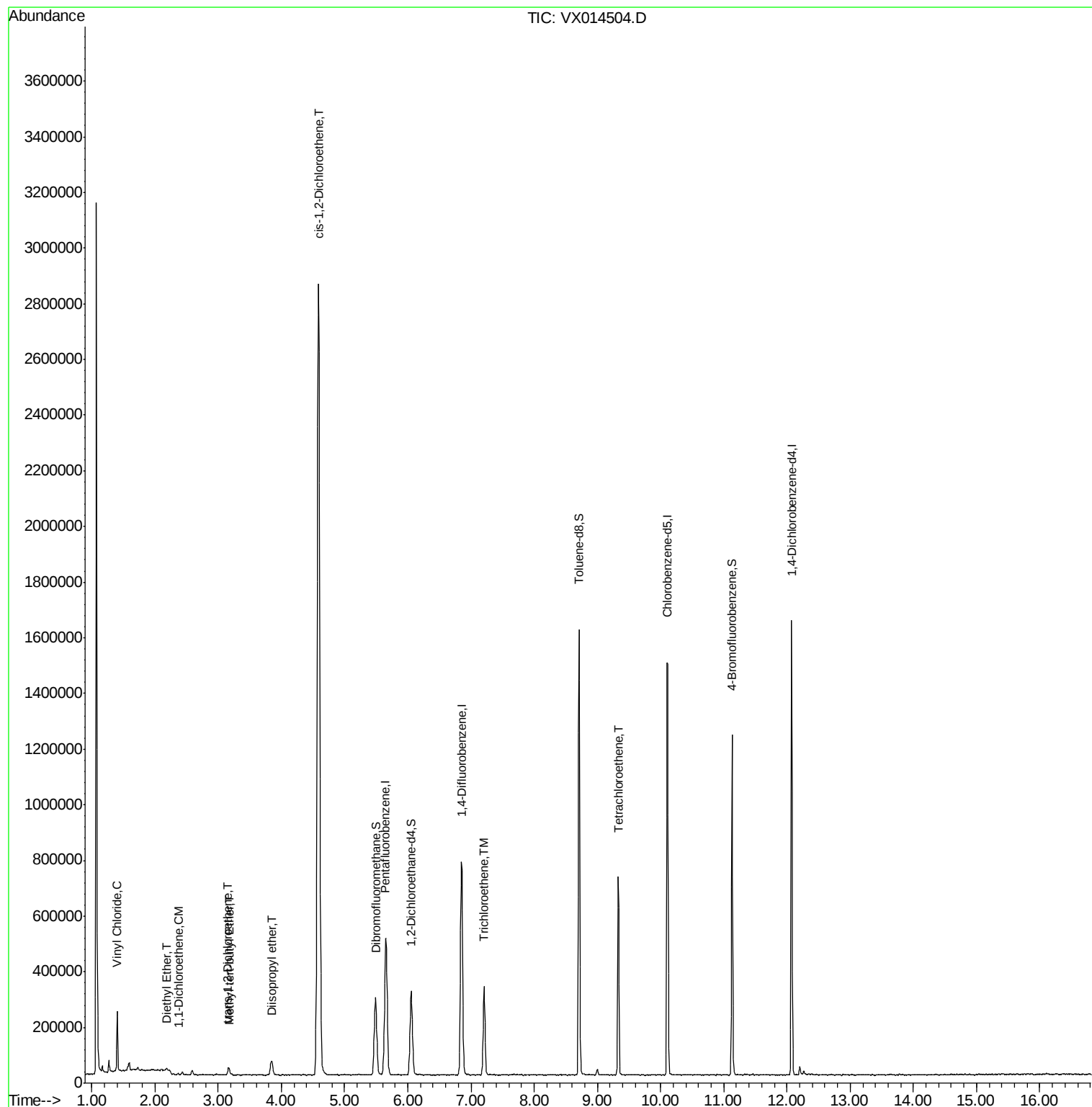
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	133807	18.017	ug/l	99
8) Diethyl Ether	2.18	74	4387	1.141	ug/l	76
12) 1,1-Dichloroethene	2.37	96	2899	0.561	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	11638	0.702	ug/l #	89
21) trans-1,2-Dichloroethene	3.15	96	10607	1.881	ug/l #	84
22) Diisopropyl ether	3.84	45	62628	3.574	ug/l #	83
27) cis-1,2-Dichloroethene	4.59	96	1814659	287.937	ug/l	89
44) Trichloroethene	7.21	130	130527	20.270	ug/l	97
64) Tetrachloroethene	9.33	164	146072	20.119	ug/l	96

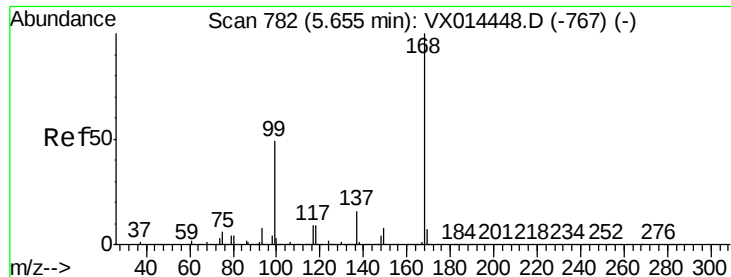
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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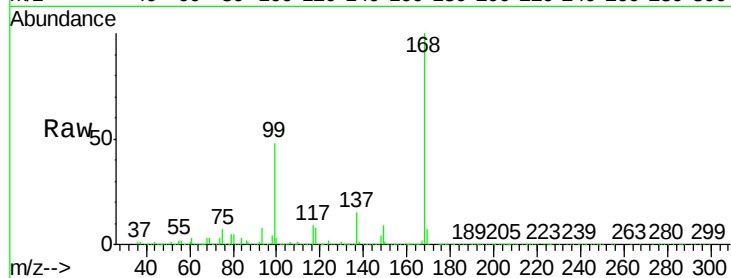


#1

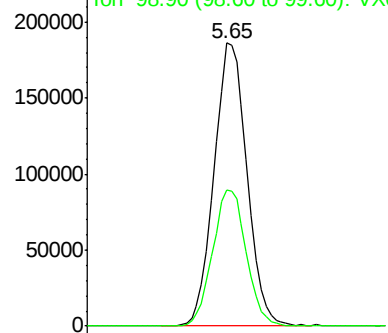
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014504.D
 Acq: 09 Jan 2020 18:10

Instrument :
 MSVOA_X
 ClientSampled :
 MW-14

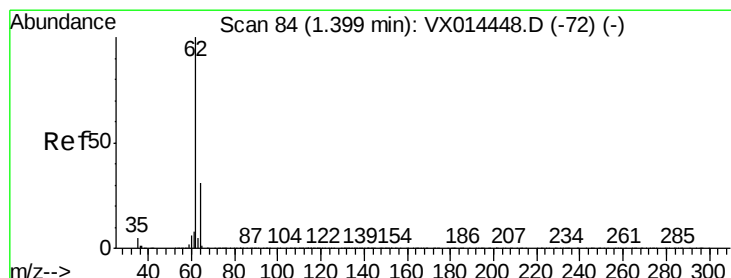
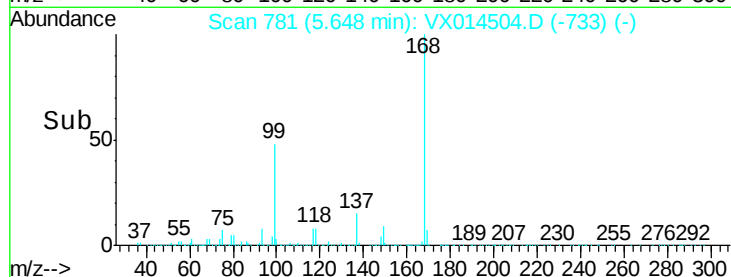
Tot Ion:168 Resp: 522858
 Ion Ratio Lower Upper
 168 100
 99 47.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



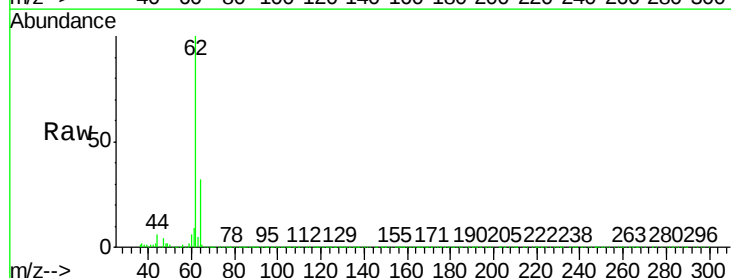
Time-->



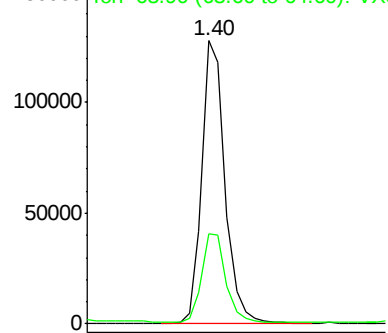
#4

Vinyl Chloride
 Concen: 18.017 ug/l
 RT: 1.40 min Scan# 84
 Delta R.T. -0.00 min
 Lab File: VX014504.D
 Acq: 09 Jan 2020 18:10

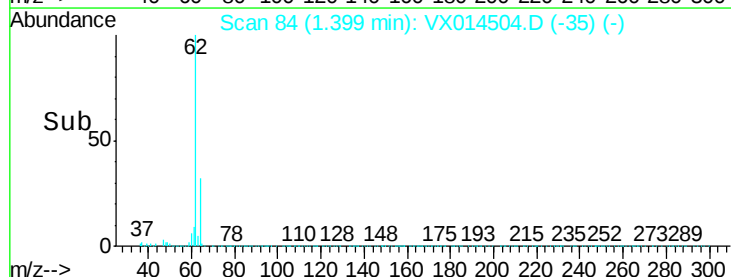
Tgt Ion: 62 Resp: 133807
 Ion Ratio Lower Upper
 62 100
 64 31.5 24.6 37.0

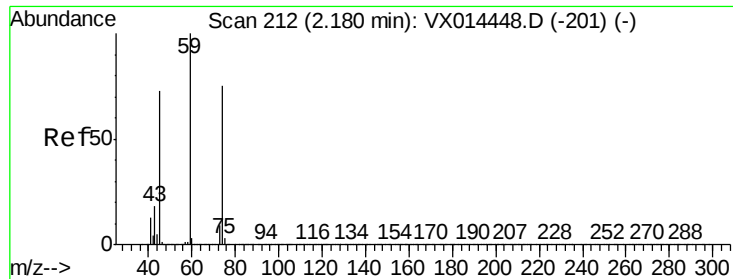


Abundance Ion 61.90 (61.60 to 62.60): VX0
 Ion 63.90 (63.60 to 64.60): VX0



Time-->





#8

Diethyl Ether

Concen: 1.141 ug/l

RT: 2.18 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

Instrument :

MSVOA_X

ClientSampled :

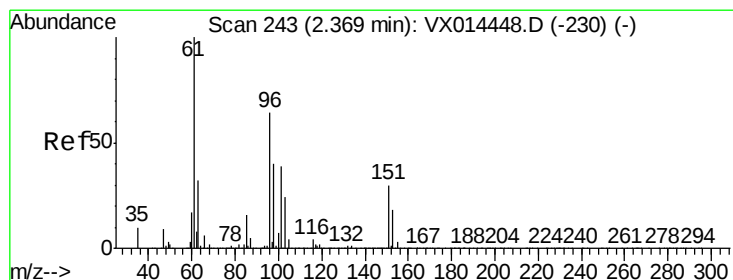
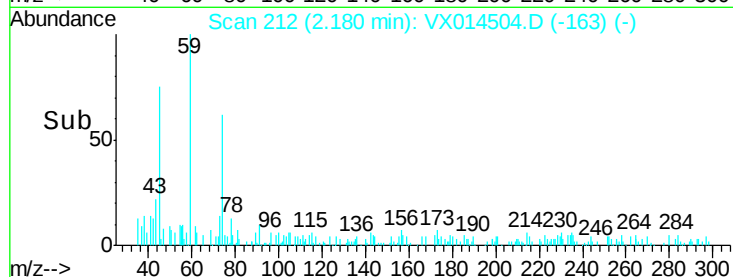
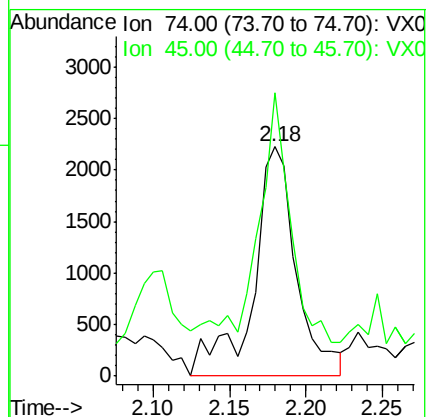
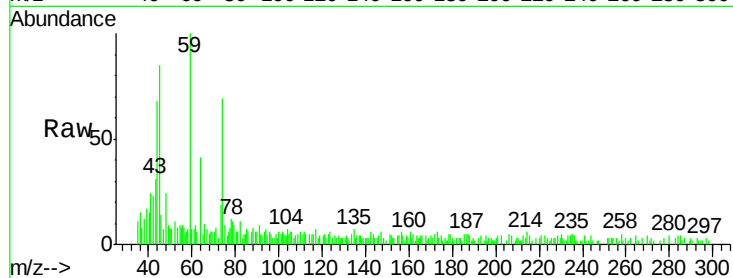
MW-14

Tot Ion: 74 Resp: 4387

Ion Ratio Lower Upper

74 100

45 74.1 48.7 146.1



#12

1,1-Dichloroethene

Concen: 0.561 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

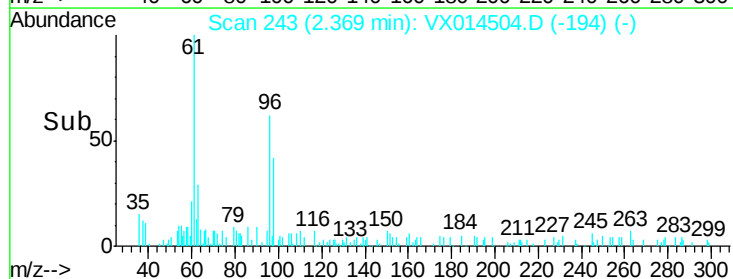
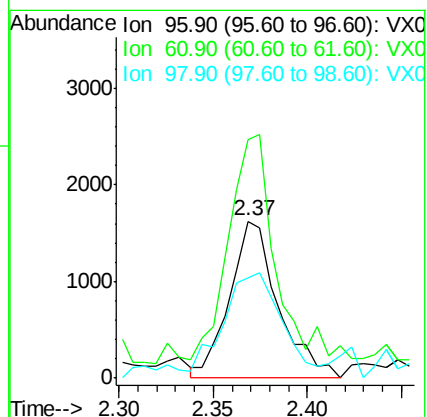
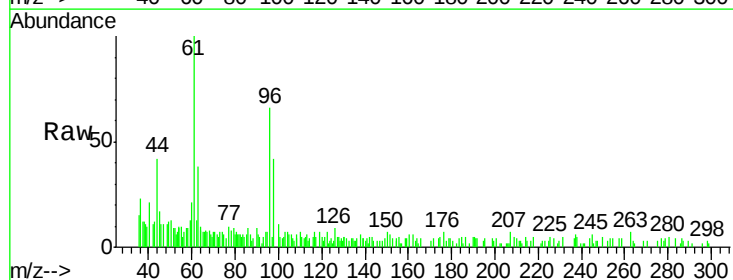
Tgt Ion: 96 Resp: 2899

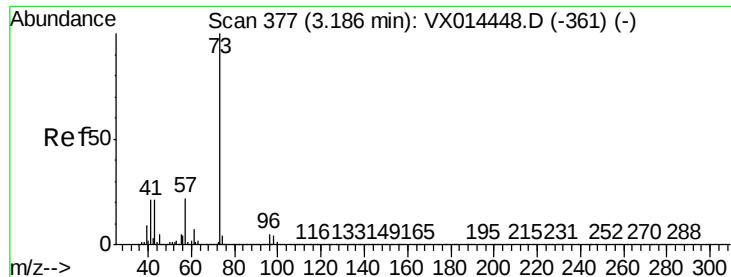
Ion Ratio Lower Upper

96 100

61 150.8 125.0 187.6

98 64.3 50.2 75.2



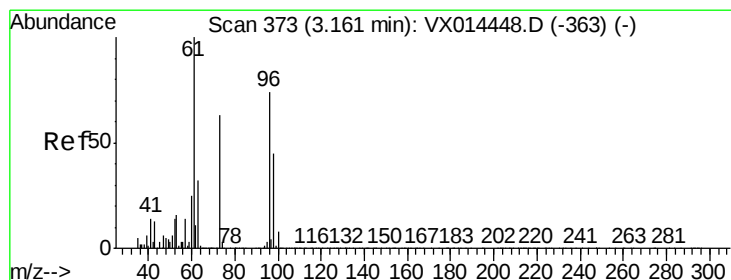
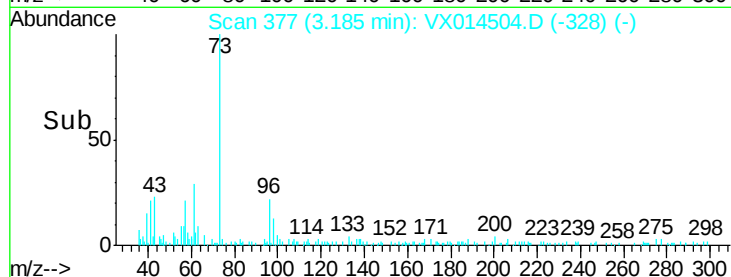
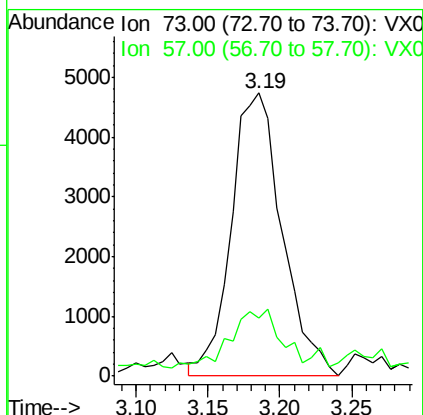
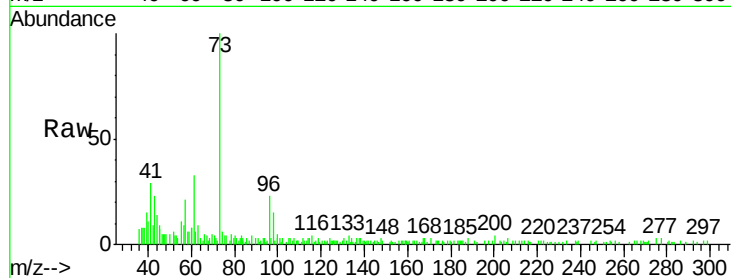


#19

Methyl tert-butyl Ether
 Concen: 0.702 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX014504.D
 Acq: 09 Jan 2020 18:10

Instrument :
 MSVOA_X
 ClientSampled :
 MW-14

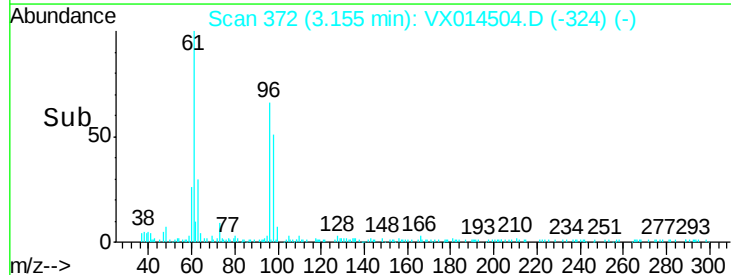
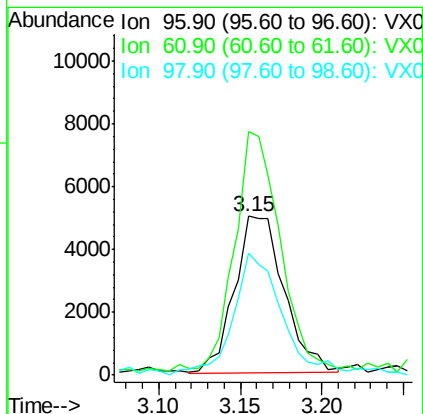
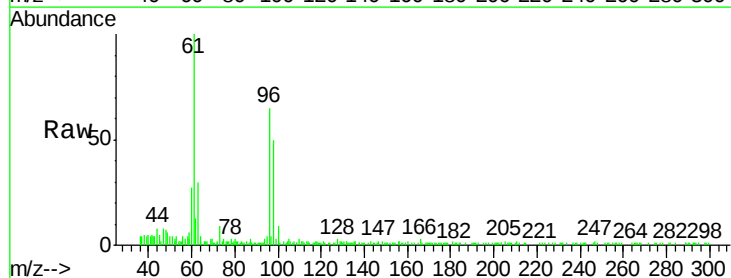
Tot Ion: 73 Resp: 11638
 Ion Ratio Lower Upper
 73 100
 57 17.2 17.8 26.8#

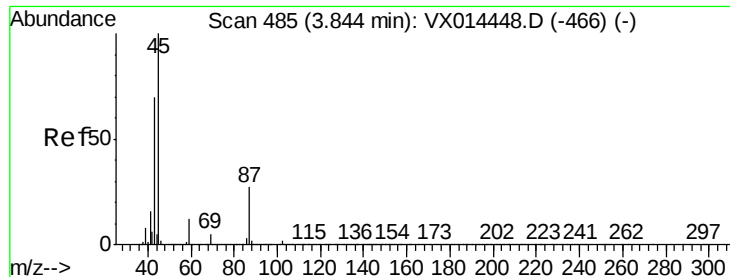


#21

trans-1,2-Dichloroethene
 Concen: 1.881 ug/l
 RT: 3.15 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX014504.D
 Acq: 09 Jan 2020 18:10

Tgt Ion: 96 Resp: 10607
 Ion Ratio Lower Upper
 96 100
 61 152.5 108.2 162.4
 98 75.5 48.8 73.2#



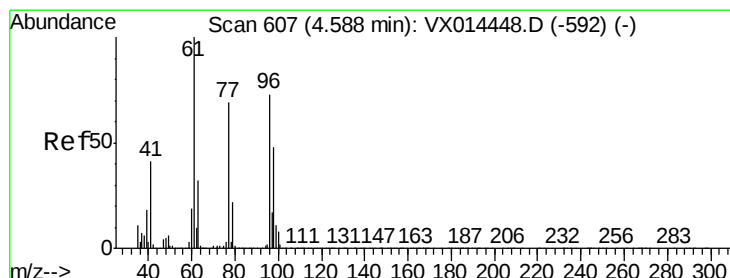
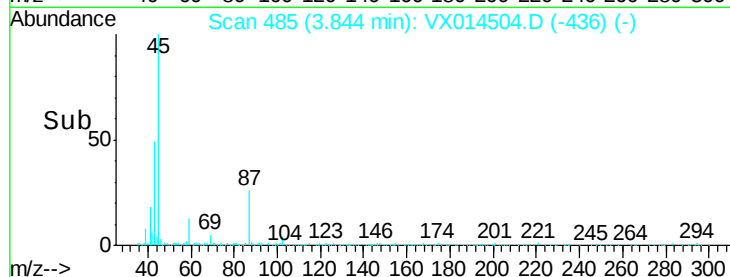
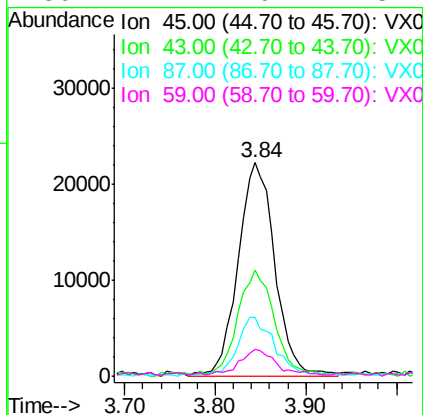
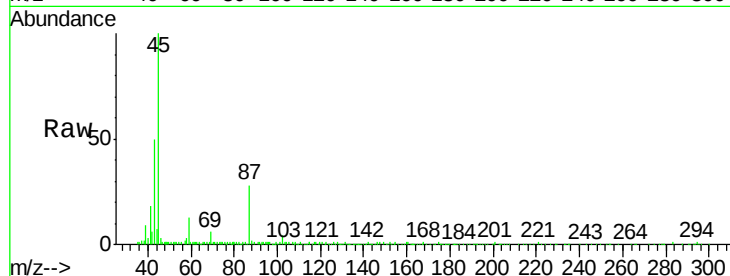


#22

Diisopropyl ether
Concen: 3.574 ug/l
RT: 3.84 min Scan# 485
Delta R.T. -0.00 min
Lab File: VX014504.D
Acq: 09 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :
MW-14

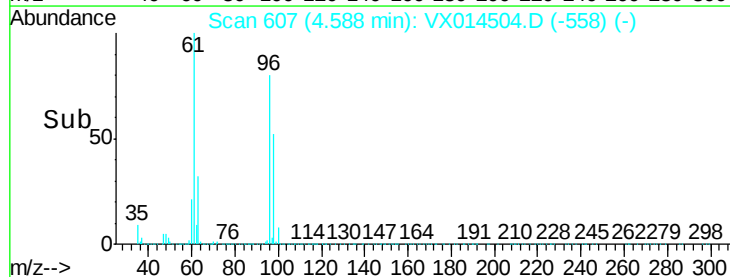
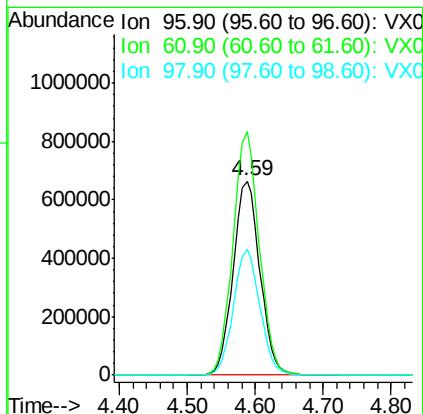
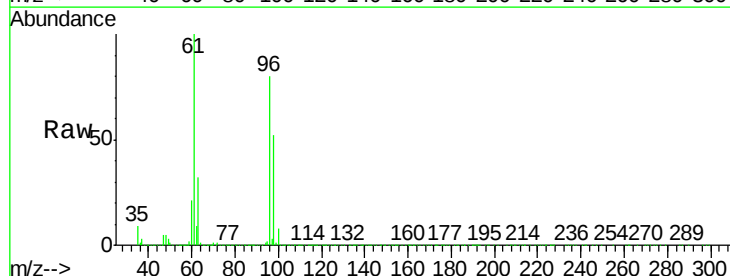
Tot Ion:	45	Resp:	62628
Ion	Ratio	Lower	Upper
45	100		
43	48.6	55.8	83.6#
87	27.0	21.8	32.8
59	12.1	9.1	13.7

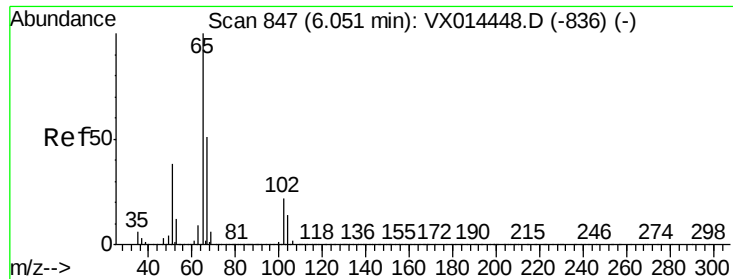


#27

cis-1,2-Dichloroethene
Concen: 287.937 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014504.D
Acq: 09 Jan 2020 18:10

Tgt Ion:	96	Resp:	1814659
Ion	Ratio	Lower	Upper
96	100		
61	123.8	0.0	285.4
98	64.1	0.0	130.6





#33

1,2-Dichloroethane-d4

Concen: 48.912 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

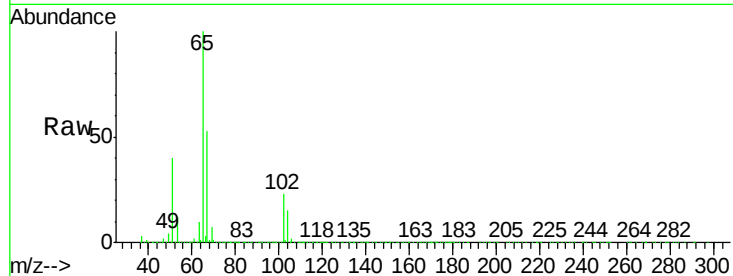
MW-14

Tot Ion: 65 Resp: 285493

Ion Ratio Lower Upper

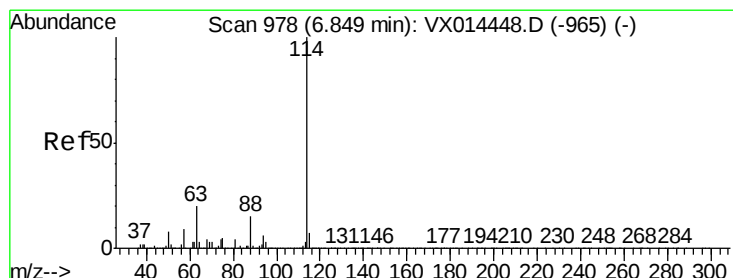
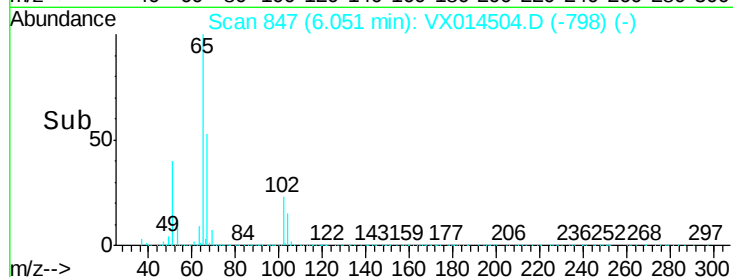
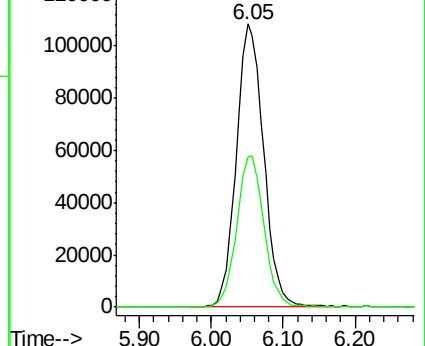
65 100

67 52.8 0.0 106.2



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: VX014504.D

Acq: 09 Jan 2020 18:10

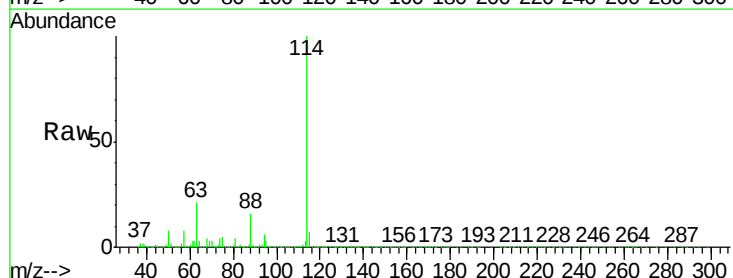
Tgt Ion: 114 Resp: 802806

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

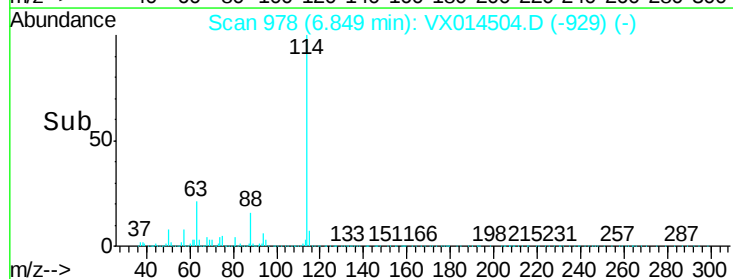
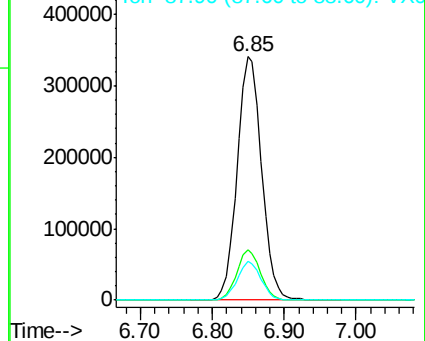
88 15.8 0.0 30.8

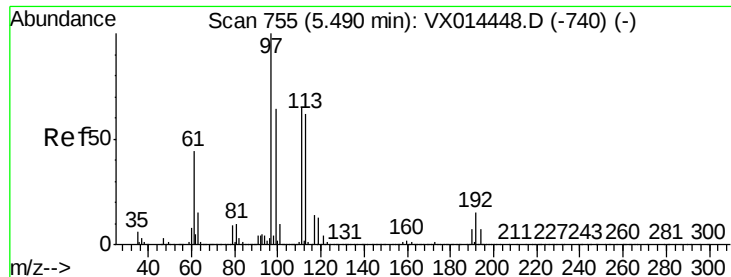


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.355 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

Instrument :

MSVOA_X

ClientSampled :

MW-14

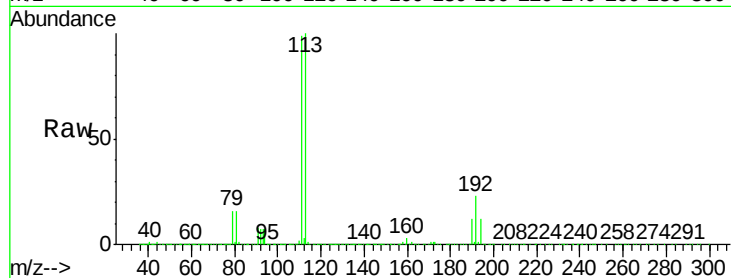
Tot Ion:113 Resp: 239854

Ion Ratio Lower Upper

113 100

111 101.4 81.5 122.3

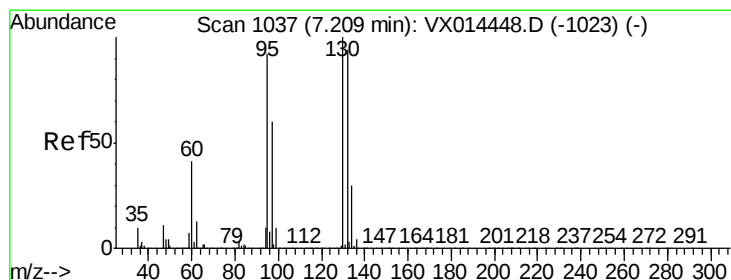
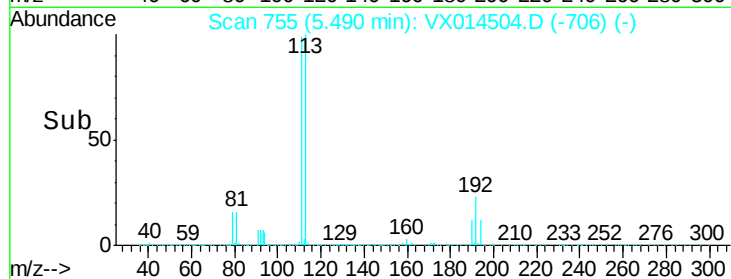
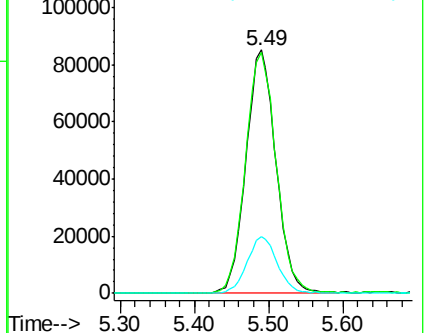
192 23.5 19.2 28.8



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: 20.270 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX014504.D

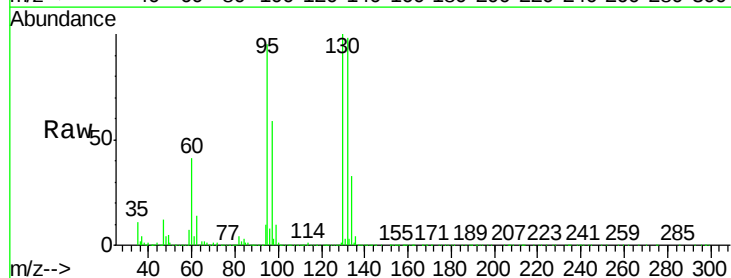
Acq: 09 Jan 2020 18:10

Tgt Ion:130 Resp: 130527

Ion Ratio Lower Upper

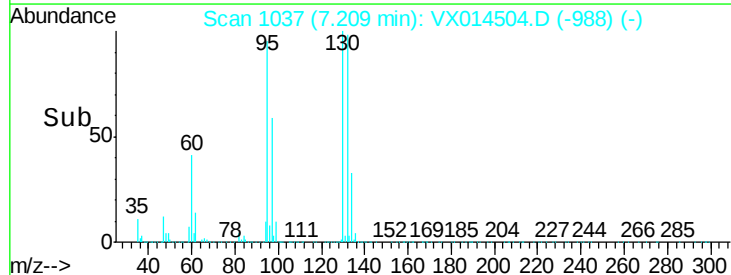
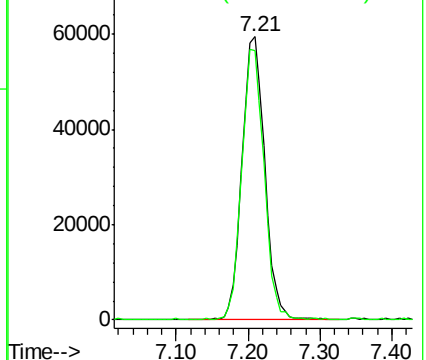
130 100

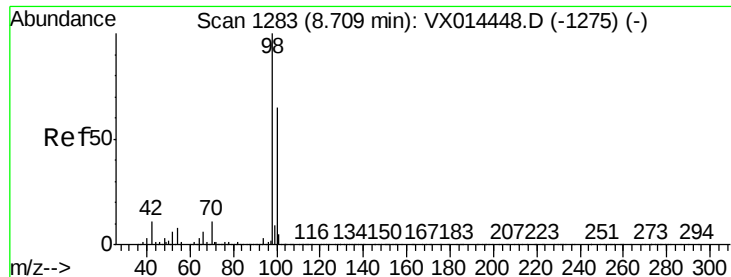
95 95.2 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.690 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

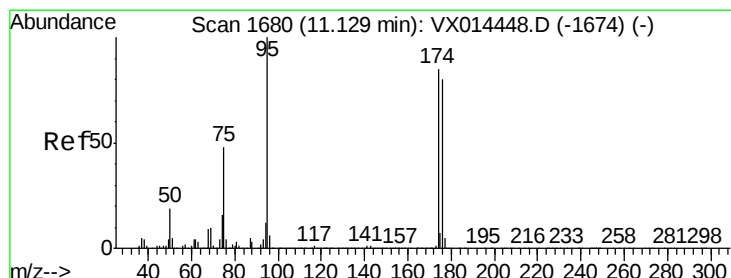
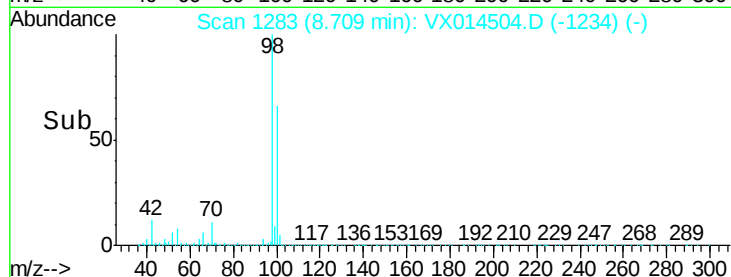
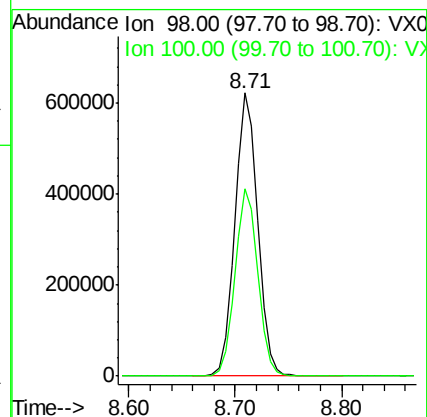
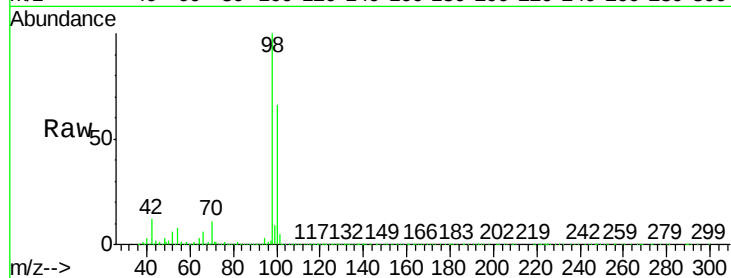
MW-14

Tot Ion: 98 Resp: 937094

Ion Ratio Lower Upper

98 100

100 66.3 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 46.901 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

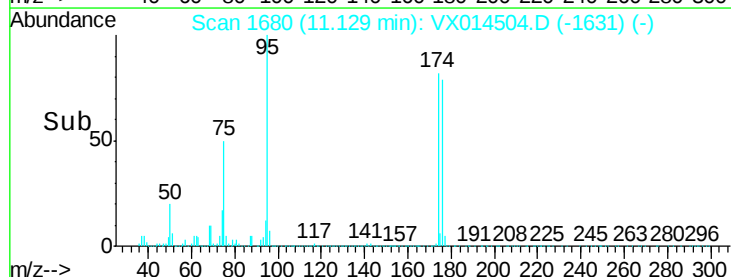
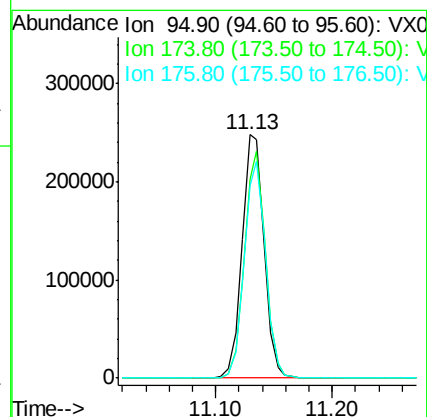
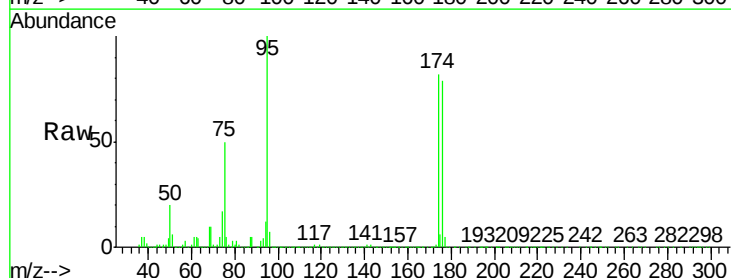
Tgt Ion: 95 Resp: 324710

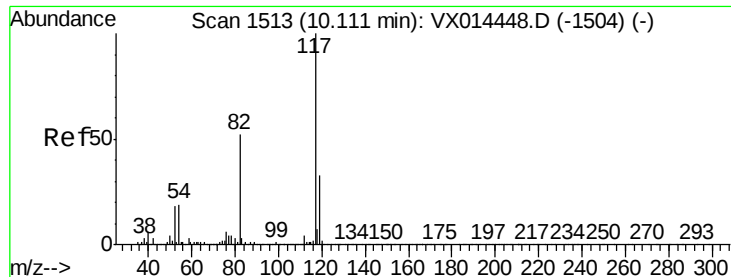
Ion Ratio Lower Upper

95 100

174 89.3 0.0 180.8

176 87.0 0.0 172.8

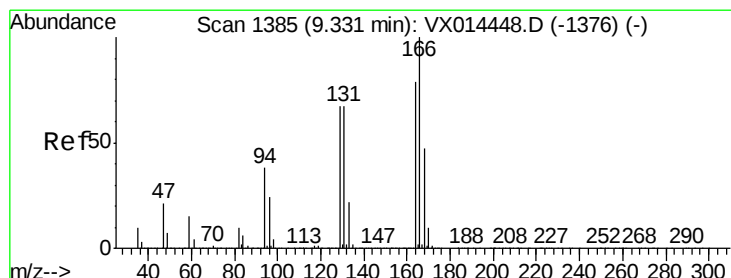
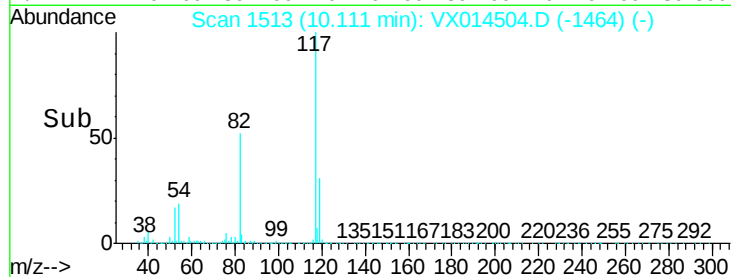
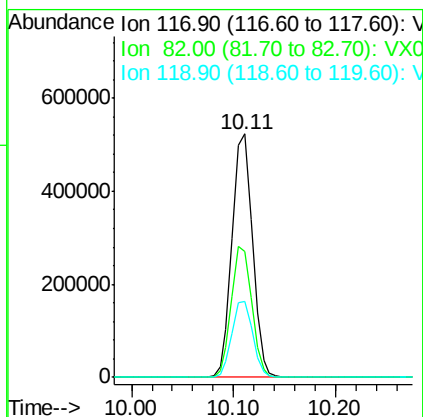
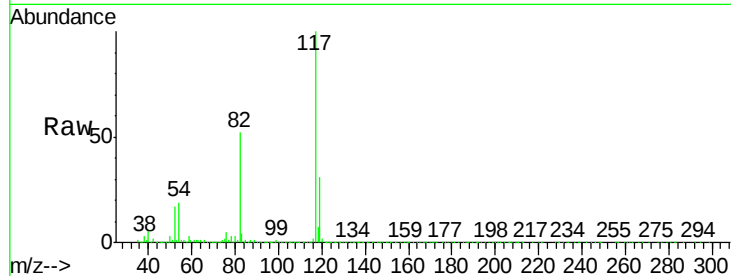




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014504.D
Acq: 09 Jan 2020 18:10

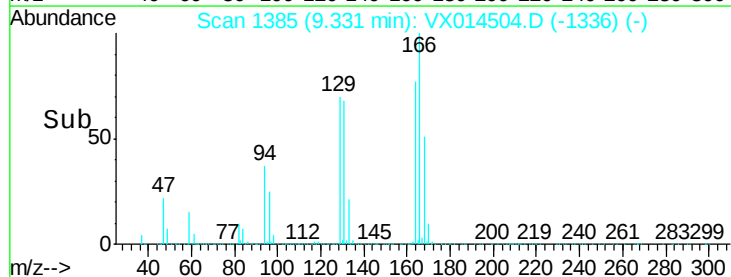
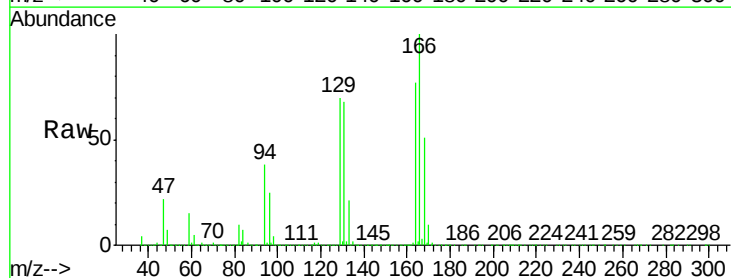
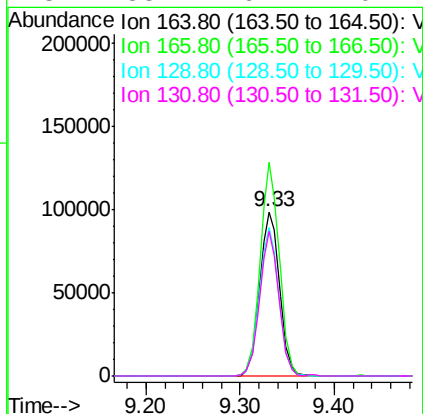
Instrument :
MSVOA_X
ClientSampleId :
MW-14

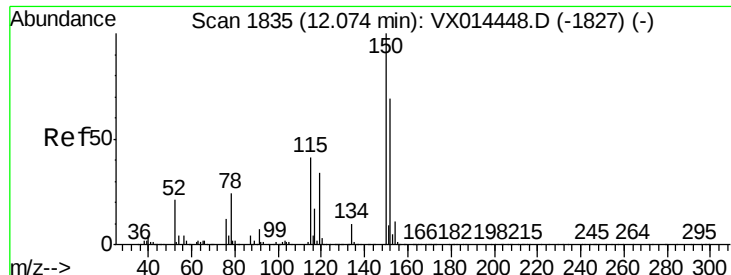
Tot Ion:117 Resp: 724419
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.6
119 31.4 26.2 39.4



#64
Tetrachloroethene
Concen: 20.119 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014504.D
Acq: 09 Jan 2020 18:10

Tgt Ion:164 Resp: 146072
Ion Ratio Lower Upper
164 100
166 130.2 101.2 151.8
129 90.7 68.3 102.5
131 88.1 67.4 101.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

Instrument :

MSVOA_X

ClientSampleId :

MW-14

Tot Ion:152 Resp: 336816

Ion Ratio Lower Upper

152 100

115 53.9 39.5 118.3

150 155.6 0.0 350.2

