

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122419\
 Data File : VX014248.D
 Acq On : 24 Dec 2019 16:25
 Operator : JC/SP
 Sample : K6405-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 992-MW-02-(23.8)

Quant Time: Dec 25 07:41:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

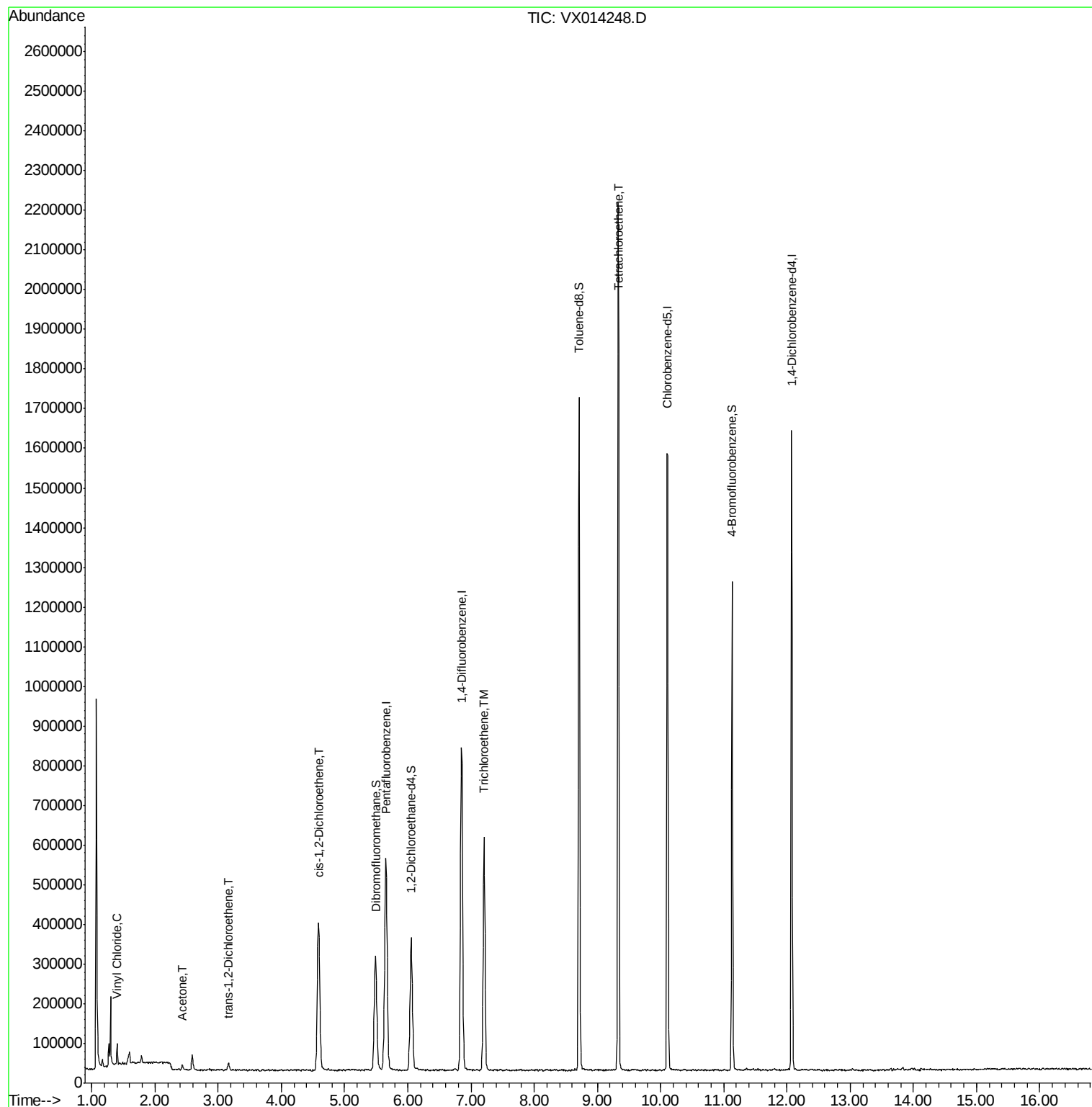
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	554748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	845724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	758548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	339574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	301887	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
35) Dibromofluoromethane	5.49	113	249508	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
50) Toluene-d8	8.71	98	1005344	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	336587	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.00%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	12145	1.728	ug/l	92
16) Acetone	2.43	43	14393	3.526	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	8361	1.422	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	241676	36.349	ug/l	90
44) Trichloroethene	7.21	130	237229	35.971	ug/l	98
64) Tetrachloroethene	9.33	164	434010	64.660	ug/l	99

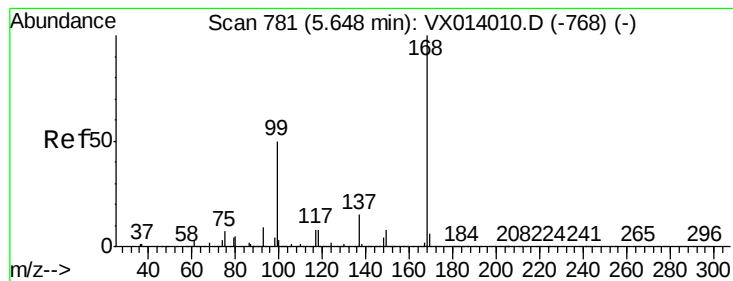
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014248.D

Acq: 24 Dec 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

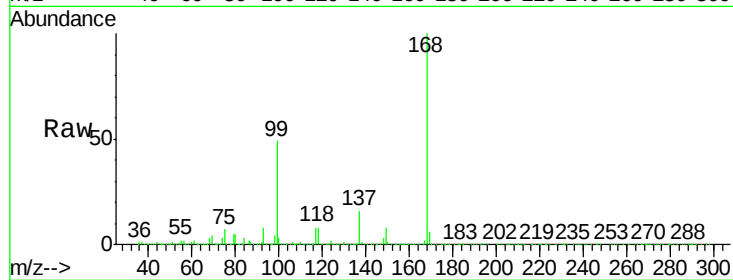
992-MW-02-(23.8)

Tot Ion:168 Resp: 554748

Ion Ratio Lower Upper

168 100

99 49.3 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

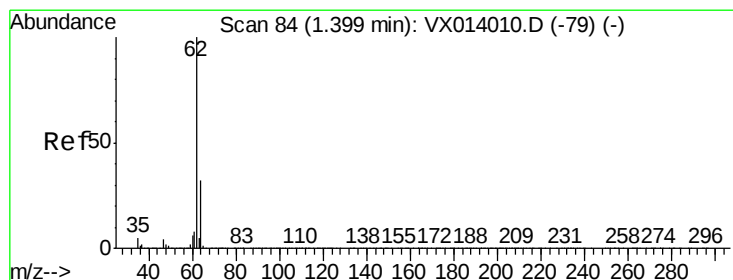
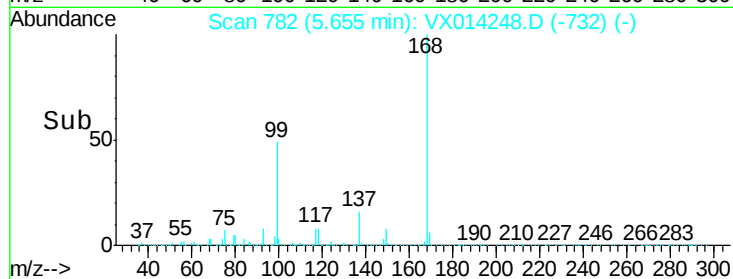
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 1.728 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014248.D

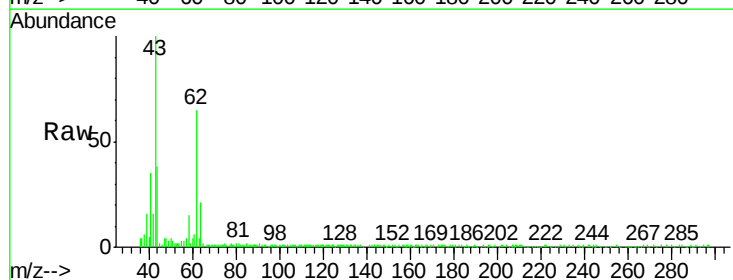
Acq: 24 Dec 2019 16:25

Tgt Ion: 62 Resp: 12145

Ion Ratio Lower Upper

62 100

64 27.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

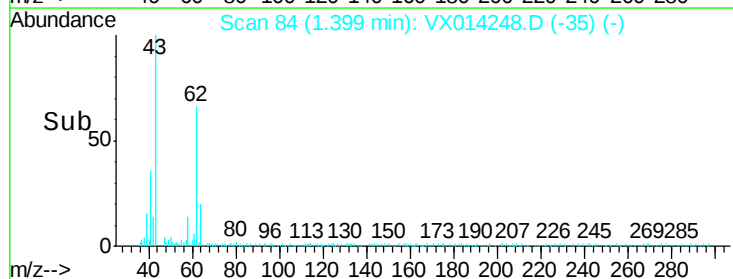
1.40

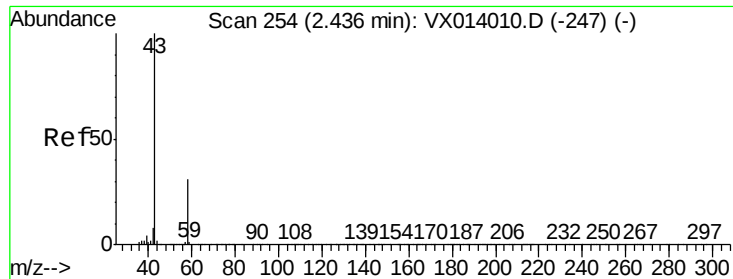
10000

5000

0

Time-->





#16

Acetone

Concen: 3.526 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014248.D

Acq: 24 Dec 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

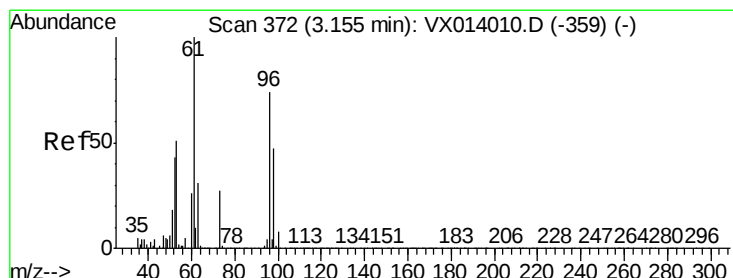
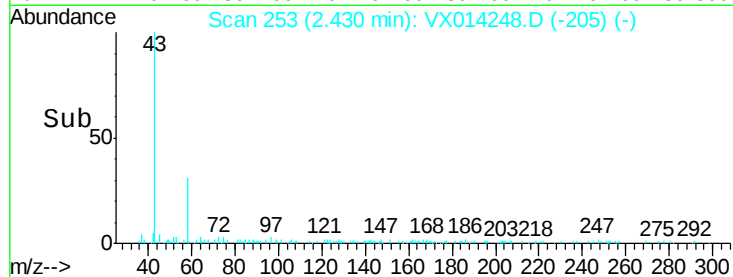
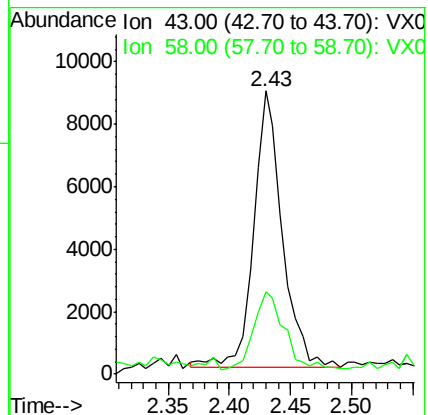
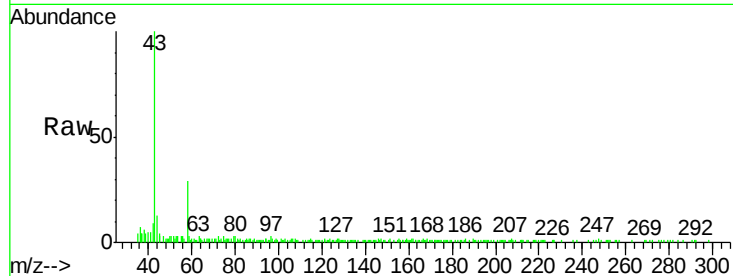
992-MW-02-(23.8)

Tot Ion: 43 Resp: 14393

Ion Ratio Lower Upper

43 100

58 28.0 24.9 37.3



#21

trans-1,2-Dichloroethene

Concen: 1.422 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014248.D

Acq: 24 Dec 2019 16:25

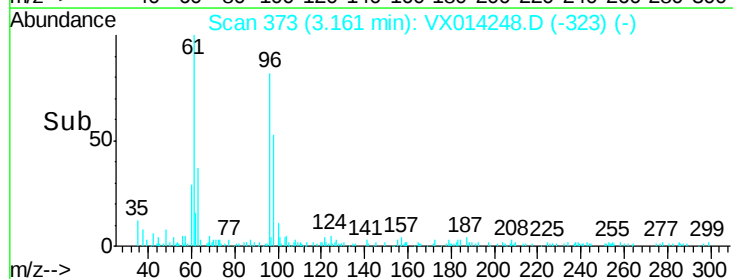
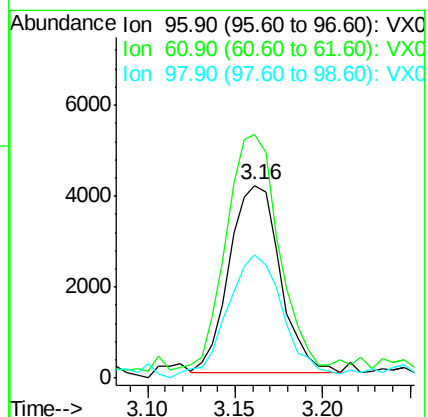
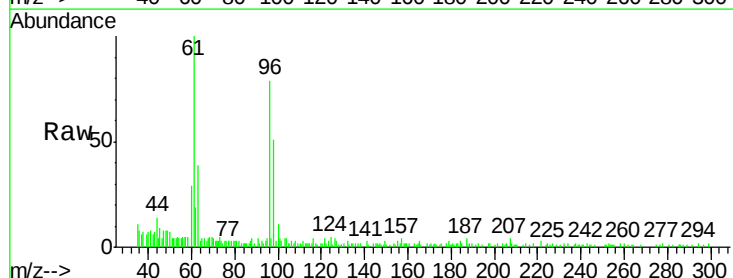
Tgt Ion: 96 Resp: 8361

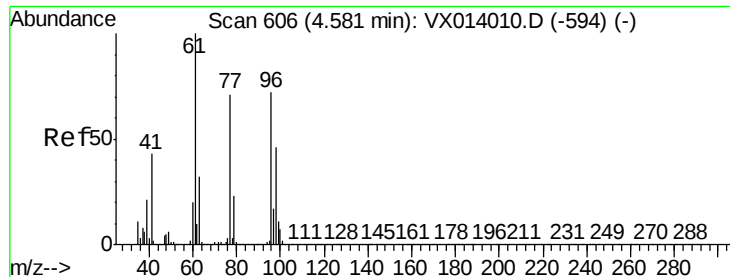
Ion Ratio Lower Upper

96 100

61 123.9 108.3 162.5

98 63.7 50.8 76.2



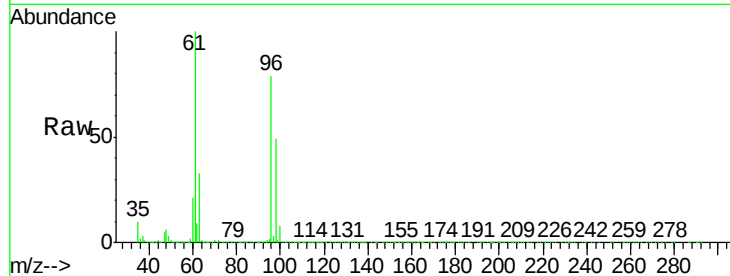


#27

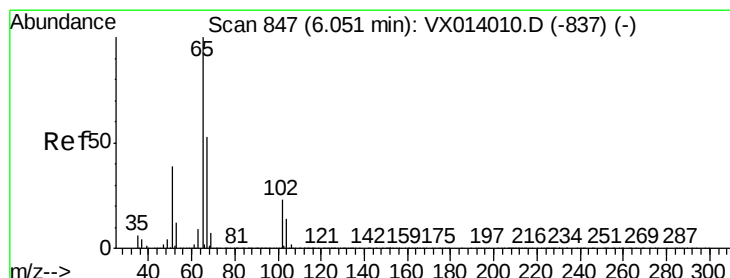
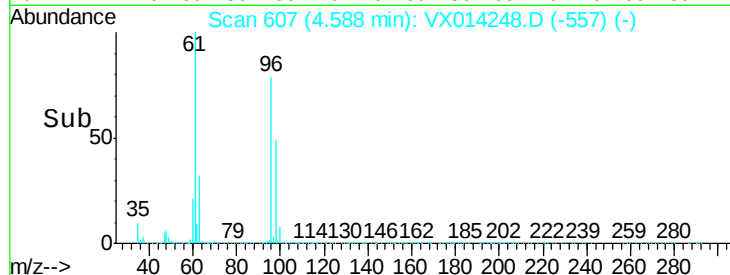
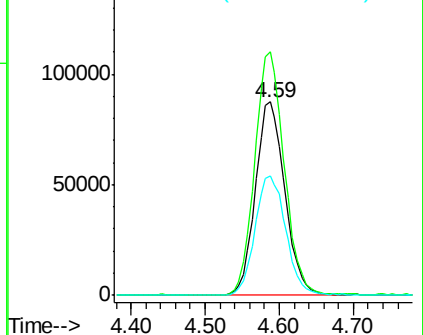
cis-1,2-Dichloroethene
Concen: 36.349 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014248.D
Acq: 24 Dec 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
992-MW-02-(23.8)

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.7	0.0	288.4
98	64.0	0.0	129.6



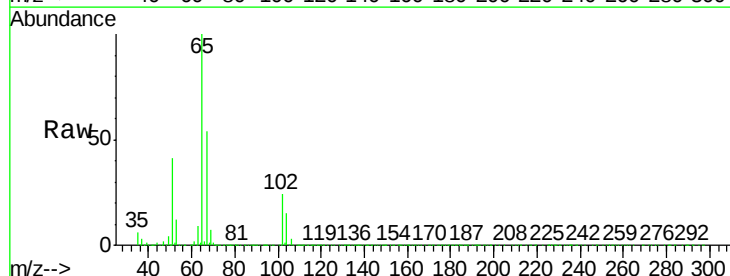
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



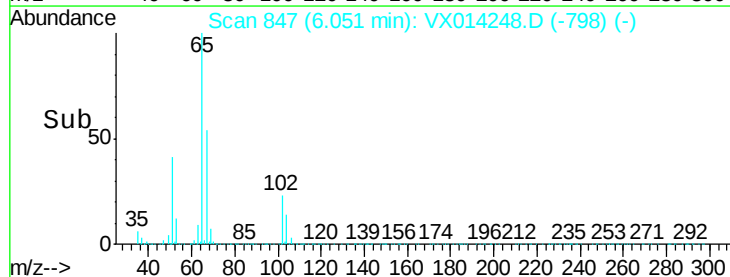
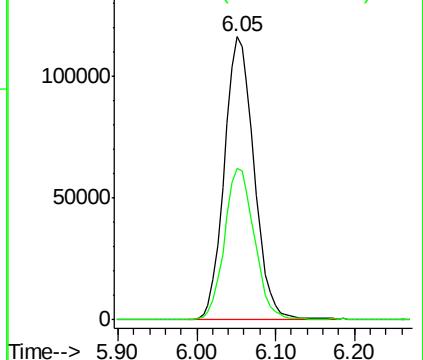
#33

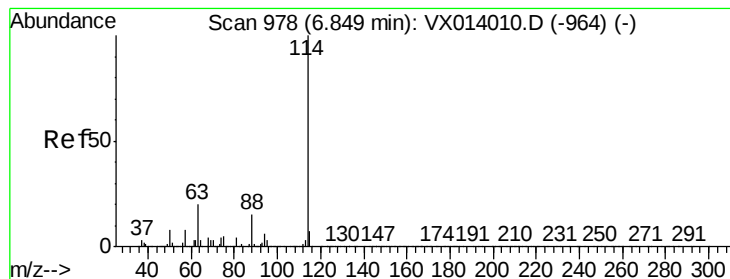
1,2-Dichloroethane-d4
Concen: 48.015 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014248.D
Acq: 24 Dec 2019 16:25

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	106.4



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: VX014248.D

Acq: 24 Dec 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

992-MW-02-(23.8)

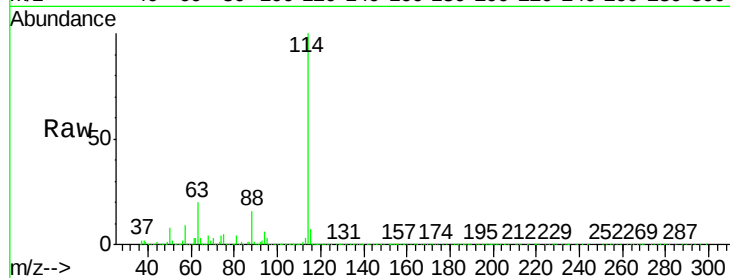
Tot Ion:114 Resp: 845724

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

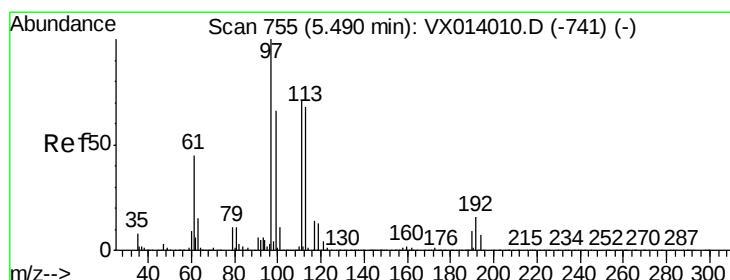
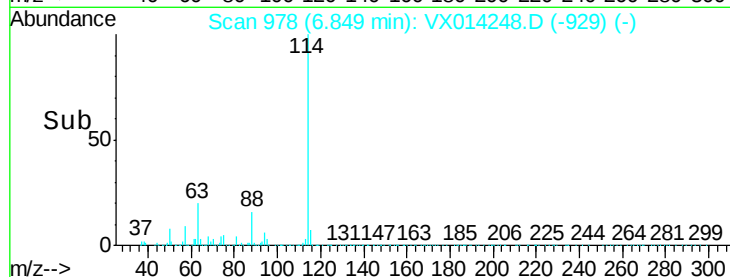
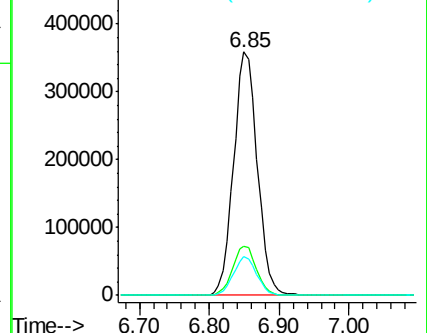
88 15.9 0.0 30.4



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: 48.532 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014248.D

Acq: 24 Dec 2019 16:25

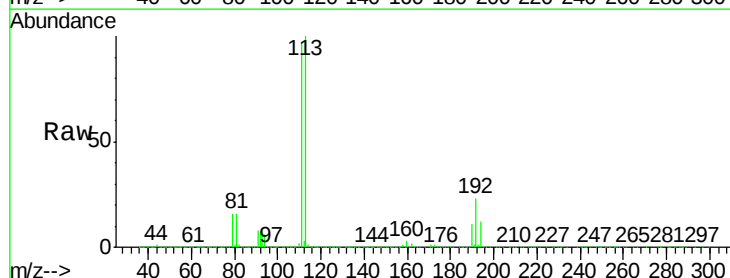
Tgt Ion:113 Resp: 249508

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

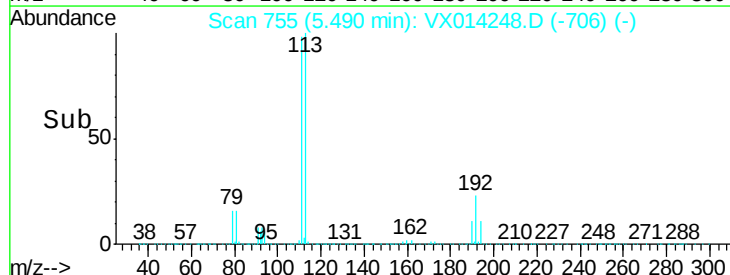
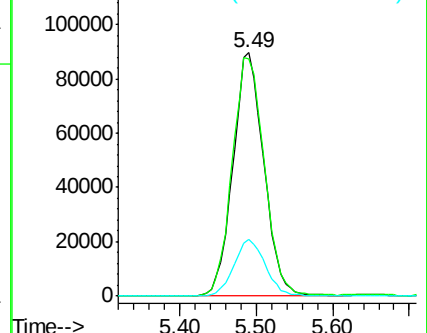
192 23.7 19.3 28.9

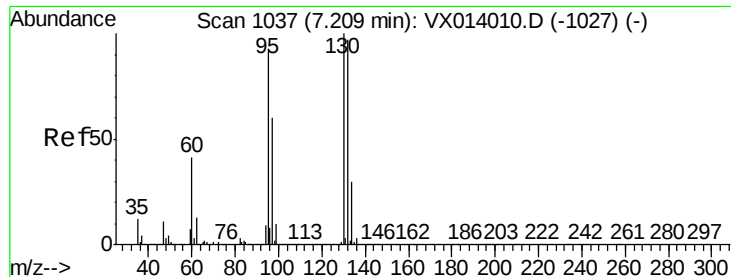


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 35.971 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014248.D

Acq: 24 Dec 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

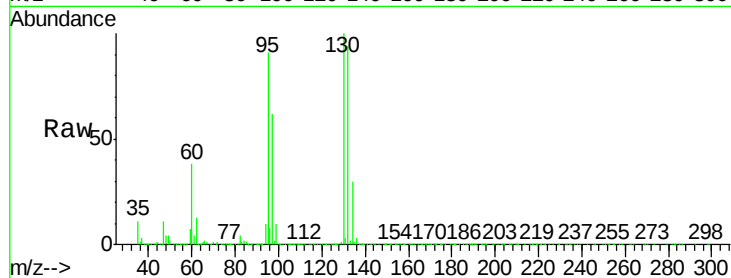
992-MW-02-(23.8)

Tot Ion:130 Resp: 237229

Ion Ratio Lower Upper

130 100

95 90.7 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

120000

100000

80000

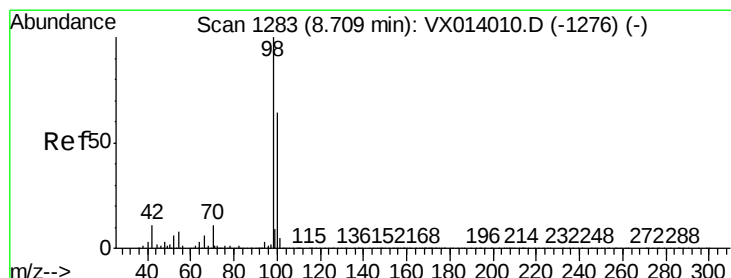
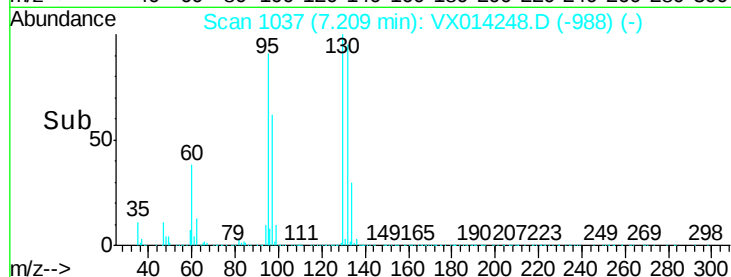
60000

40000

20000

0

Time-->



#50

Toluene-d8

Concen: 50.228 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014248.D

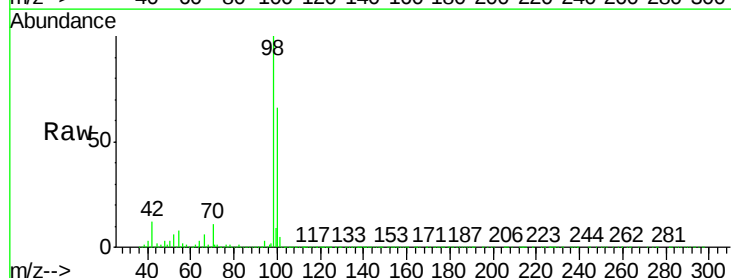
Acq: 24 Dec 2019 16:25

Tgt Ion: 98 Resp: 1005344

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

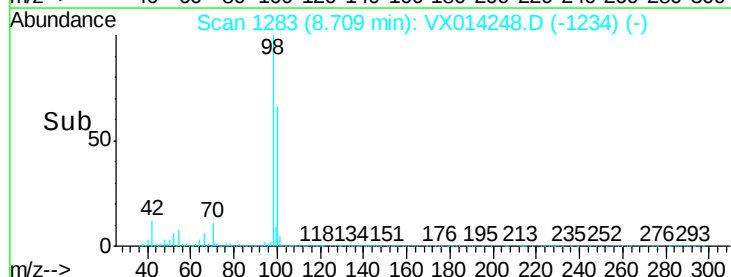
600000

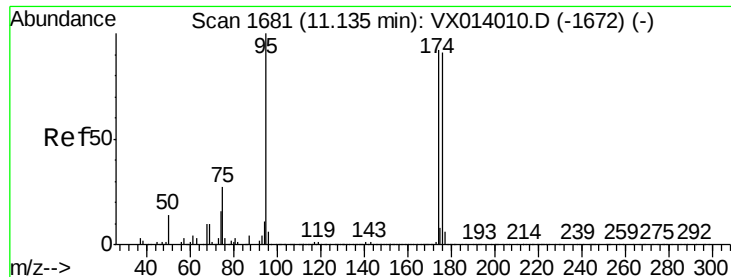
400000

200000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 46.004 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014248.D

Acq: 24 Dec 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

992-MW-02-(23.8)

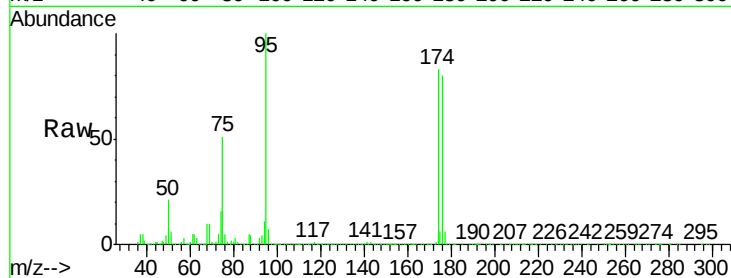
Tot Ion: 95 Resp: 336587

Ion Ratio Lower Upper

95 100

174 89.2 0.0 175.8

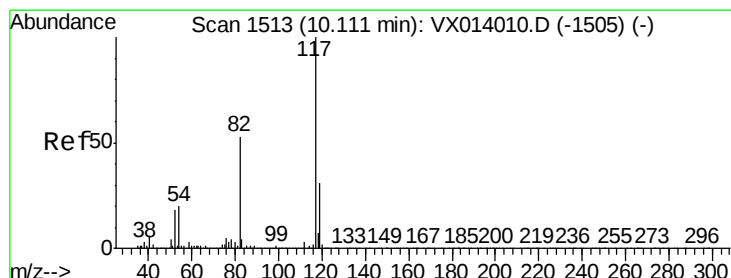
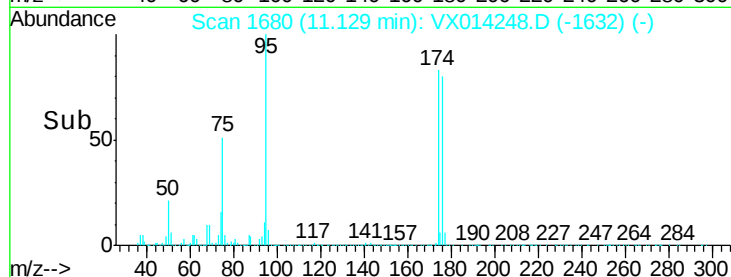
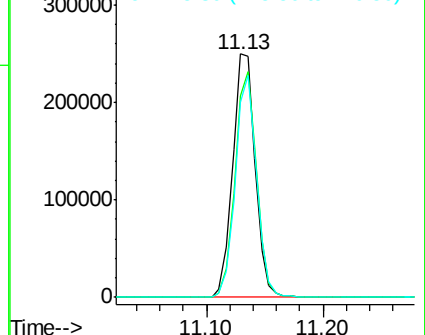
176 86.5 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014248.D

Acq: 24 Dec 2019 16:25

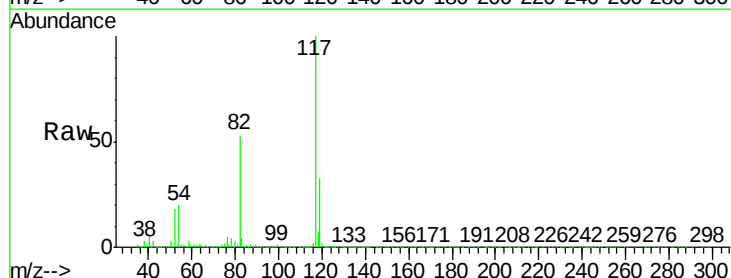
Tgt Ion: 117 Resp: 758548

Ion Ratio Lower Upper

117 100

82 53.1 42.2 63.4

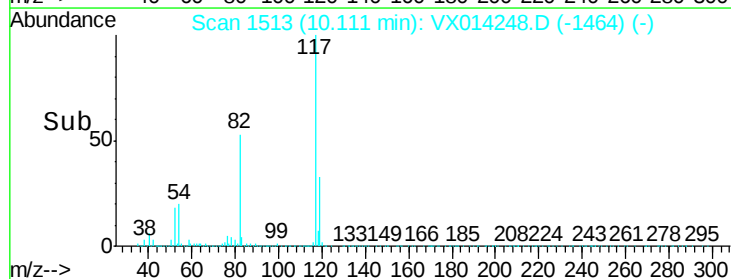
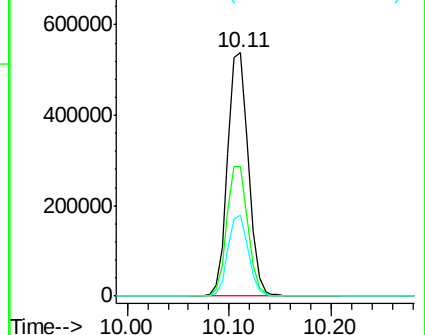
119 33.1 25.1 37.7

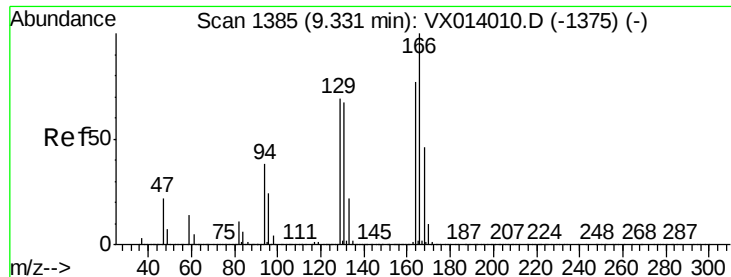


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 64.660 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014248.D

Acq: 24 Dec 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

992-MW-02-(23.8)

Tot Ion:164 Resp: 434010

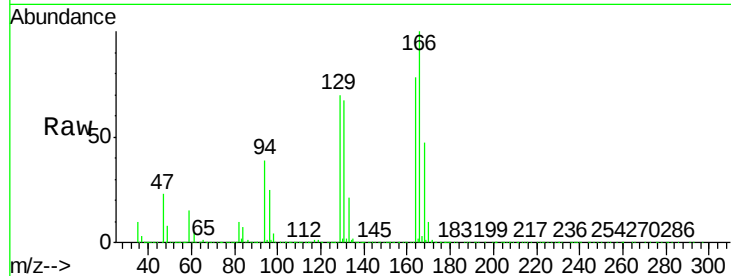
Ion Ratio Lower Upper

164 100

166 128.8 104.0 156.0

129 89.7 72.2 108.4

131 85.8 69.6 104.4

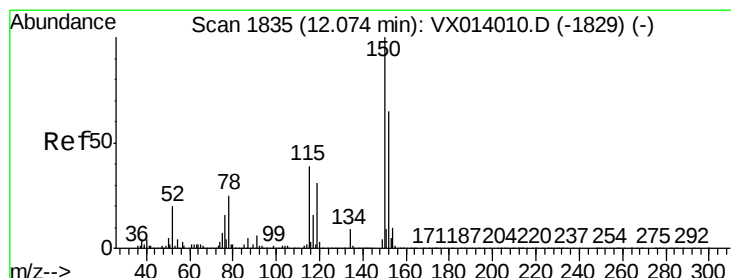
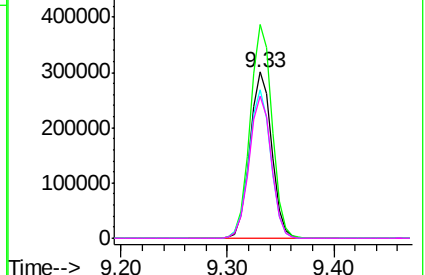
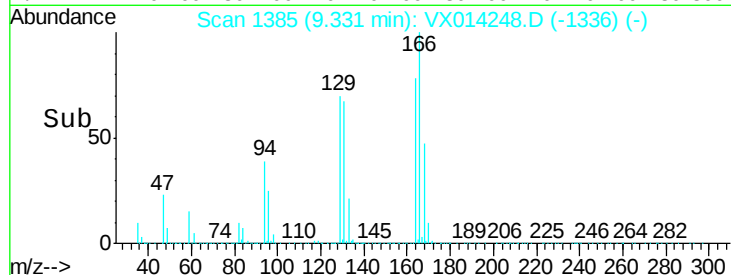


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX014248.D

Acq: 24 Dec 2019 16:25

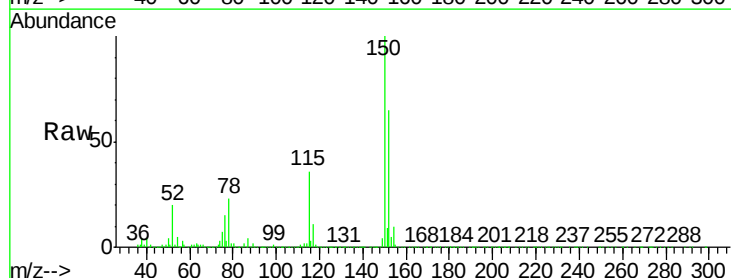
Tgt Ion:152 Resp: 339574

Ion Ratio Lower Upper

152 100

115 55.2 38.3 114.9

150 156.1 0.0 345.4



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

