

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021220\
 Data File : VX014924.D
 Acq On : 12 Feb 2020 14:39
 Operator : JC/SP
 Sample : L1495-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY036MW016-200211

Quant Time: Feb 13 04:02:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

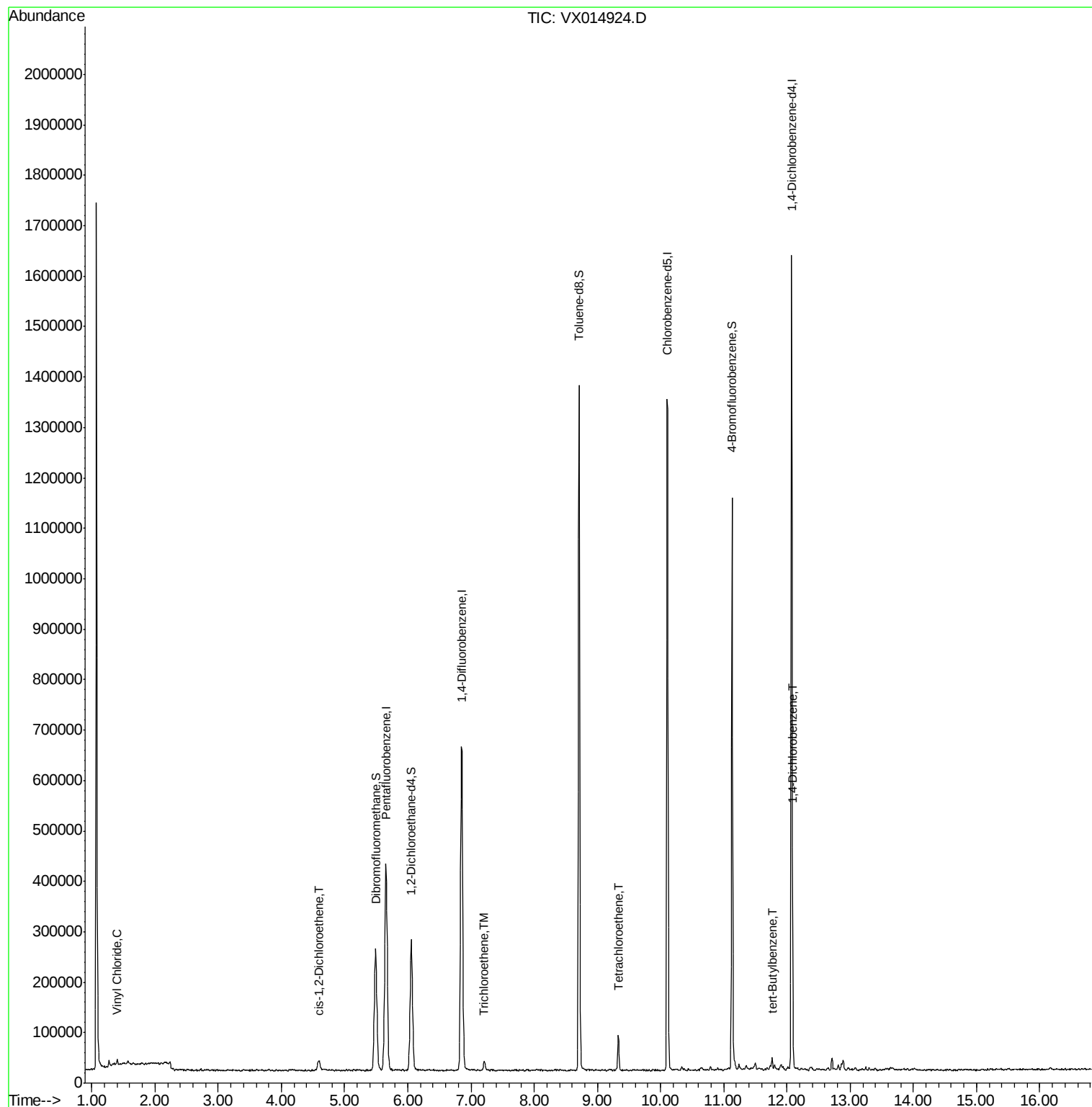
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	423261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	660416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	637099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	338065	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	243664	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
35) Dibromofluoromethane	5.49	113	205902	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
50) Toluene-d8	8.71	98	797805	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.13	95	301586	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	7117	1.454	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	14096	2.946	ug/l	85
44) Trichloroethene	7.21	130	8847	1.727	ug/l	93
64) Tetrachloroethene	9.33	164	14552	2.443	ug/l	94
83) tert-Butylbenzene	11.76	119	7559	0.451	ug/l	88
88) 1,4-Dichlorobenzene	12.09	146	12654	1.167	ug/l #	77

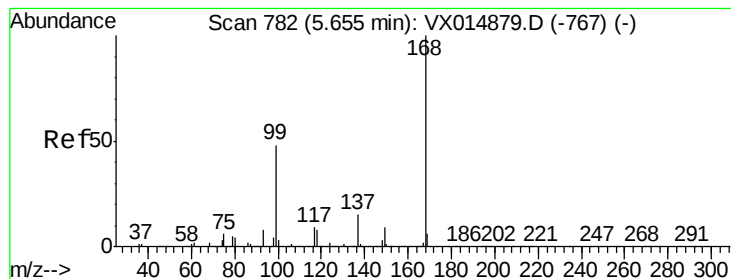
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021220\
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Quant Time: Feb 13 04:02:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 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: VX014924.D

Acq: 12 Feb 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

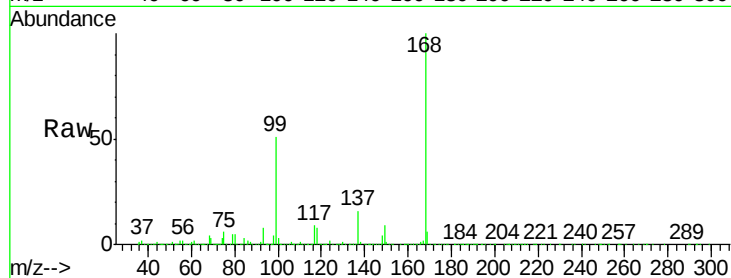
KY036MW016-200211

Tot Ion:168 Resp: 423261

Ion Ratio Lower Upper

168 100

99 51.2 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

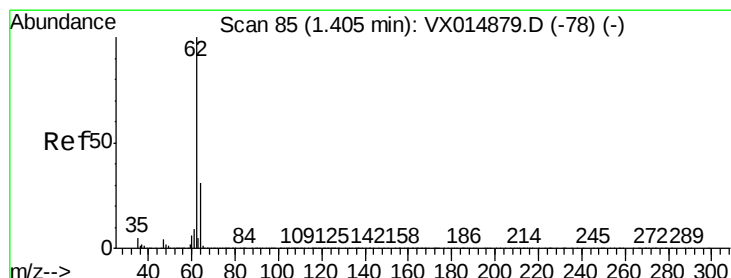
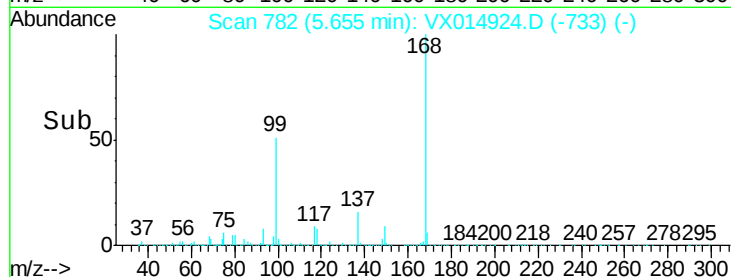
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 1.454 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014924.D

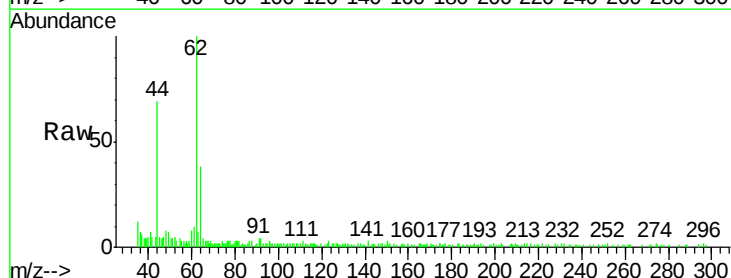
Acq: 12 Feb 2020 14:39

Tgt Ion: 62 Resp: 7117

Ion Ratio Lower Upper

62 100

64 31.5 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

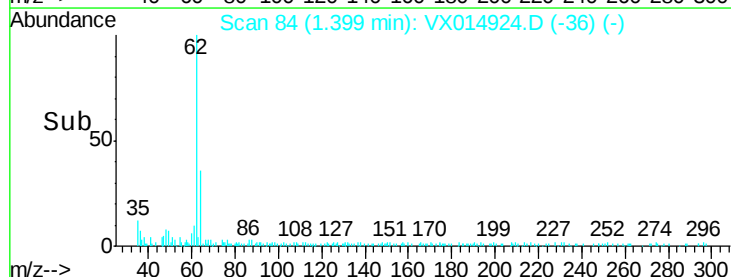
6000

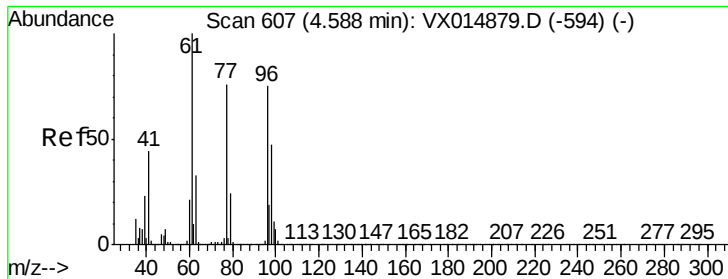
4000

2000

0

Time-->



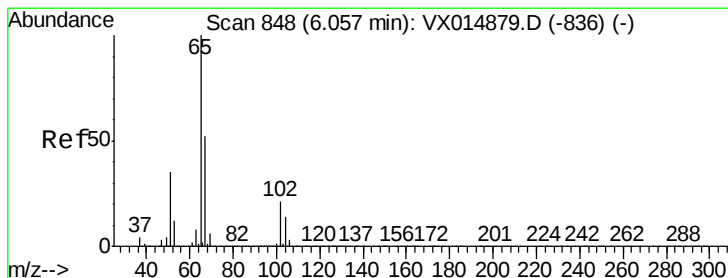
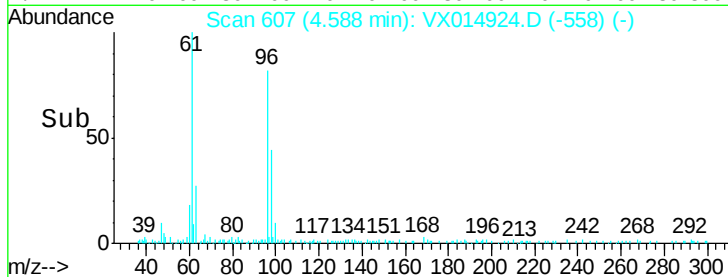
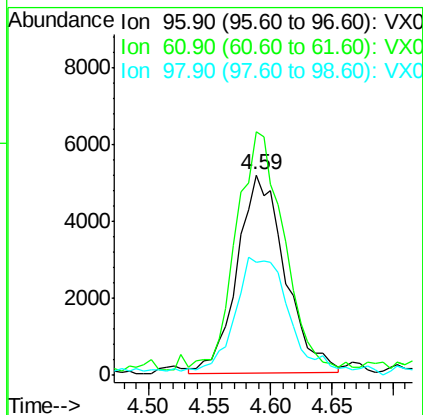
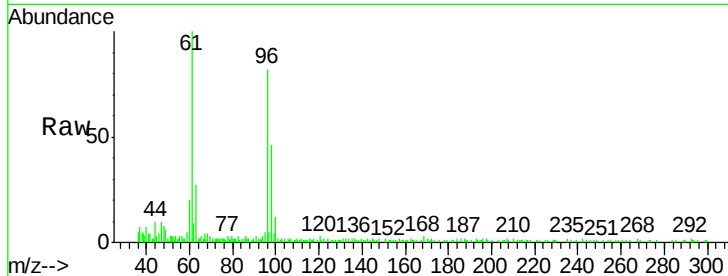


#27

cis-1,2-Dichloroethene
Concen: 2.946 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014924.D
Acq: 12 Feb 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
KY036MW016-200211

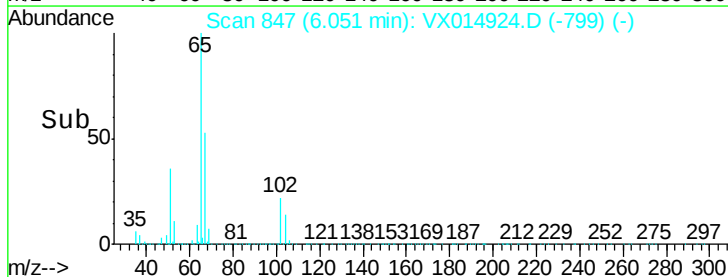
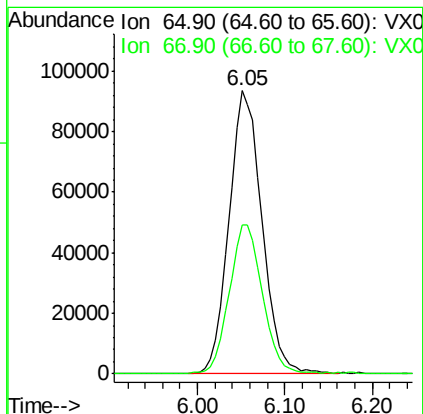
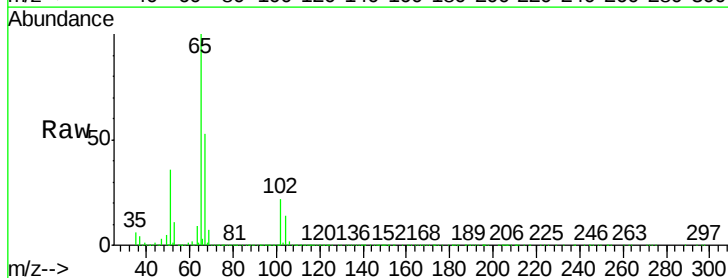
Tot Ion	Ratio	Lower	Upper
96	100		
61	118.2	0.0	286.2
98	63.6	0.0	131.0

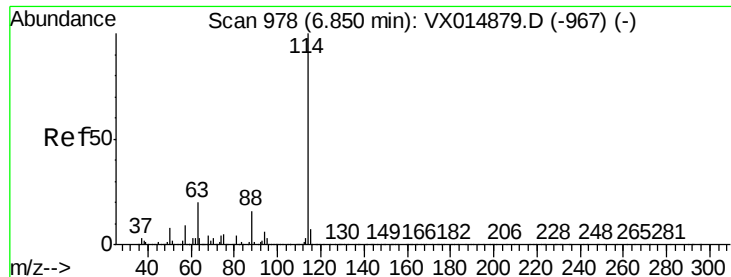


#33

1,2-Dichloroethane-d4
Concen: 51.010 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.01 min
Lab File: VX014924.D
Acq: 12 Feb 2020 14:39

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014924.D

Acq: 12 Feb 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

KY036MW016-200211

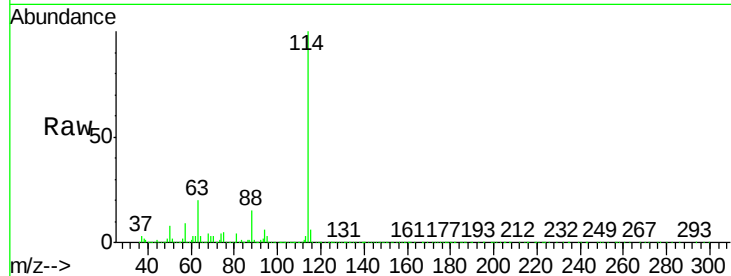
Tot Ion:114 Resp: 660416

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.2

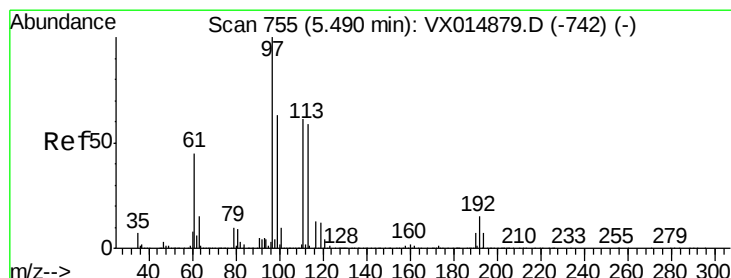
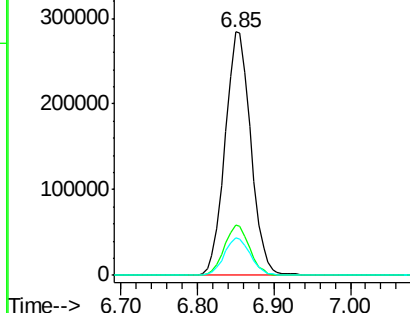
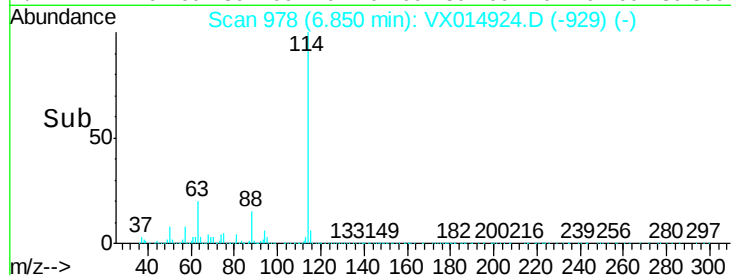
88 15.2 0.0 32.0



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: 50.714 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014924.D

Acq: 12 Feb 2020 14:39

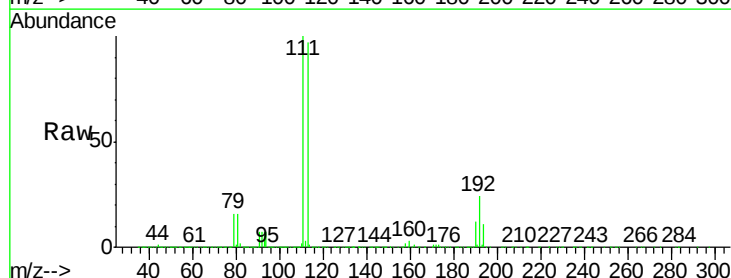
Tgt Ion:113 Resp: 205902

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

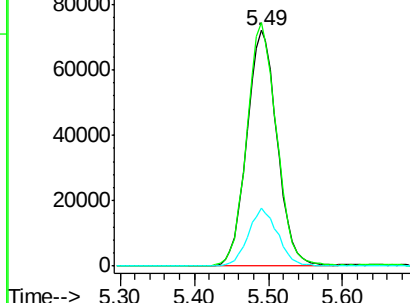
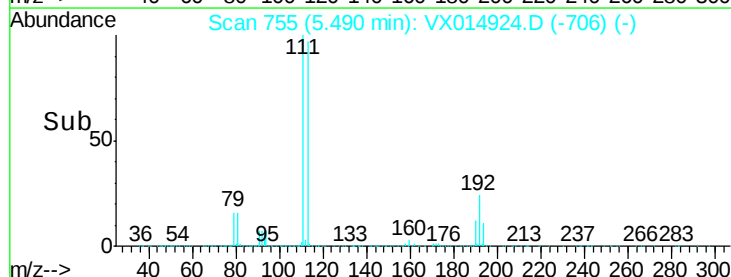
192 24.0 19.1 28.7

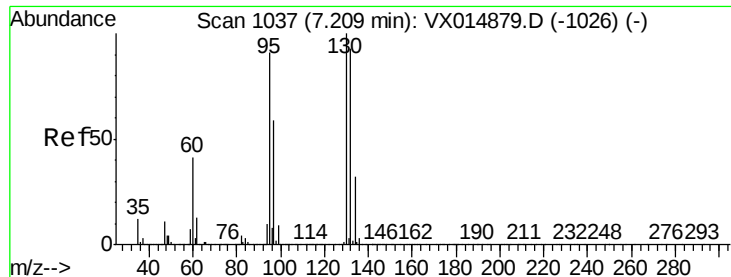


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.727 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014924.D

Acq: 12 Feb 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

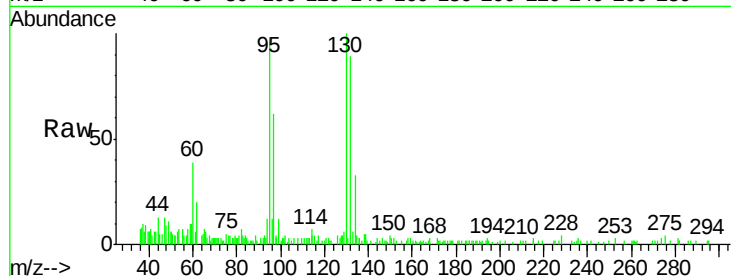
KY036MW016-200211

Tot Ion:130 Resp: 8847

Ion Ratio Lower Upper

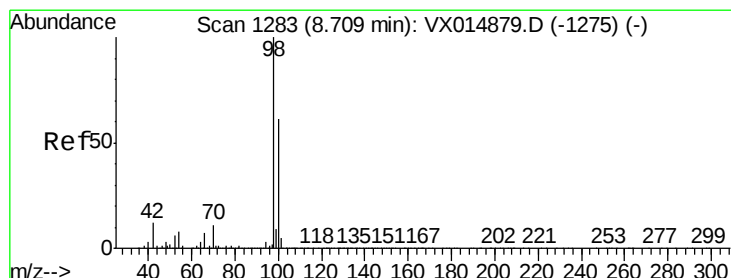
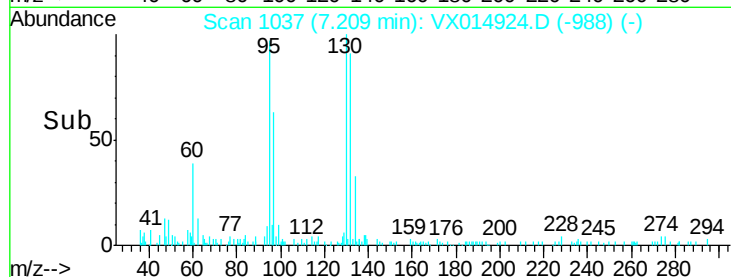
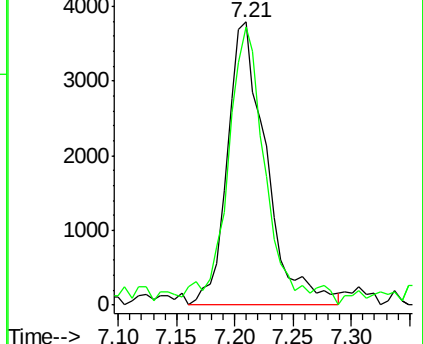
130 100

95 98.4 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.479 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014924.D

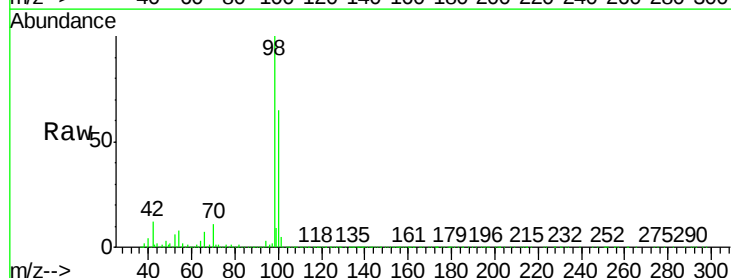
Acq: 12 Feb 2020 14:39

Tgt Ion: 98 Resp: 797805

Ion Ratio Lower Upper

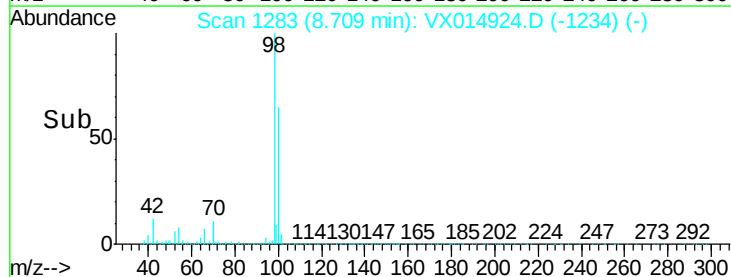
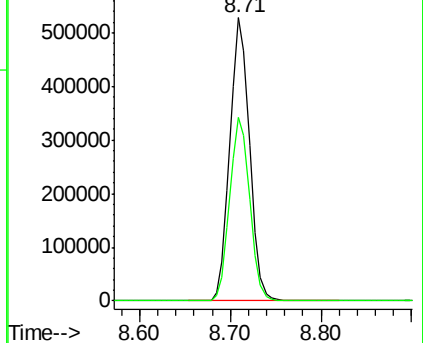
98 100

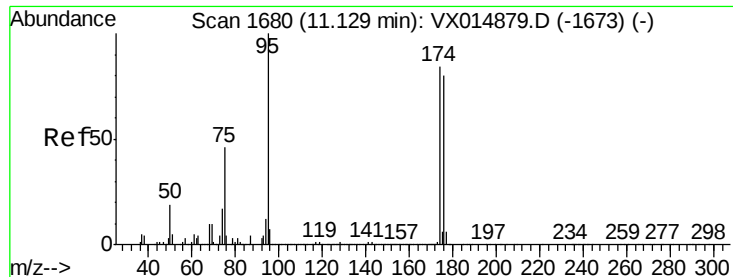
100 65.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 54.021 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014924.D

Acq: 12 Feb 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

KY036MW016-200211

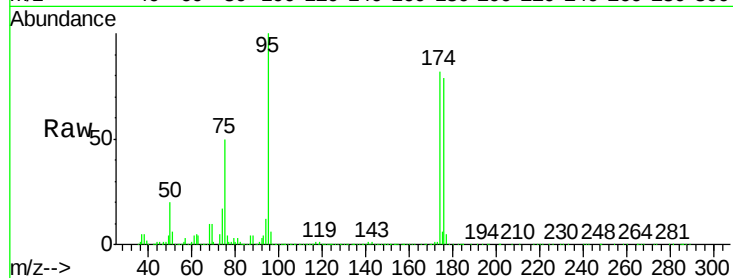
Tot Ion: 95 Resp: 301586

Ion Ratio Lower Upper

95 100

174 90.7 0.0 183.0

176 87.7 0.0 178.0

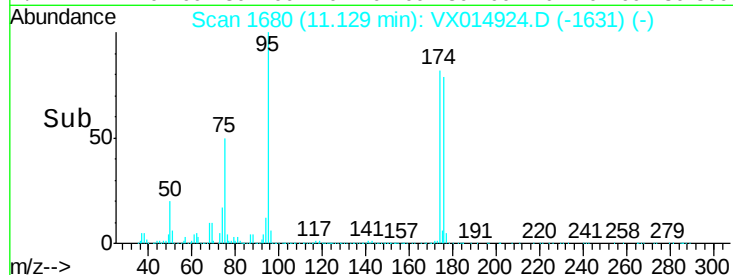


Abundance Ion 94.90 (94.60 to 95.60): VX014879.D (-1673) (-)

Ion 173.80 (173.50 to 174.50): VX014879.D (-1673) (-)

Ion 175.80 (175.50 to 176.50): VX014879.D (-1673) (-)

Time-->



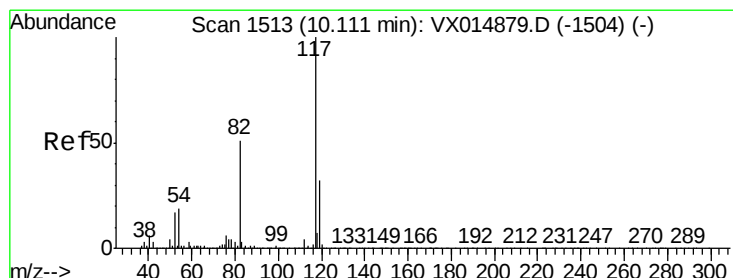
Abundance

Ion 94.90 (94.60 to 95.60): VX014924.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX014924.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX014924.D (-1631) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014924.D

Acq: 12 Feb 2020 14:39

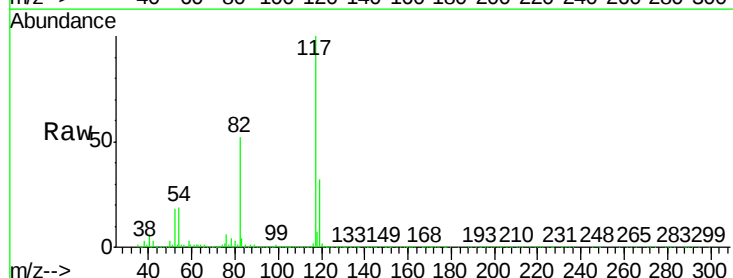
Tgt Ion: 117 Resp: 637099

Ion Ratio Lower Upper

117 100

82 52.4 40.5 60.7

119 32.3 25.8 38.6

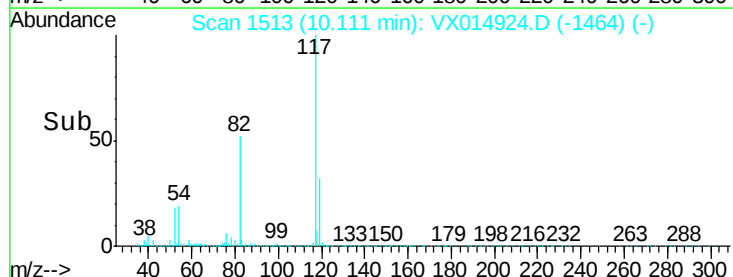


Abundance Ion 116.90 (116.60 to 117.60): VX014879.D (-1504) (-)

Ion 82.00 (81.70 to 82.70): VX014879.D (-1504) (-)

Ion 118.90 (118.60 to 119.60): VX014879.D (-1504) (-)

Time-->



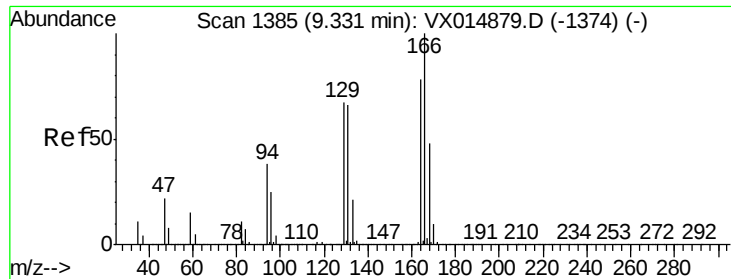
Abundance

Ion 116.90 (116.60 to 117.60): VX014924.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX014924.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX014924.D (-1464) (-)

Time-->



#64

Tetrachloroethene

Concen: 2.443 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014924.D

Acq: 12 Feb 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

KY036MW016-200211

Tot Ion:164 Resp: 14552

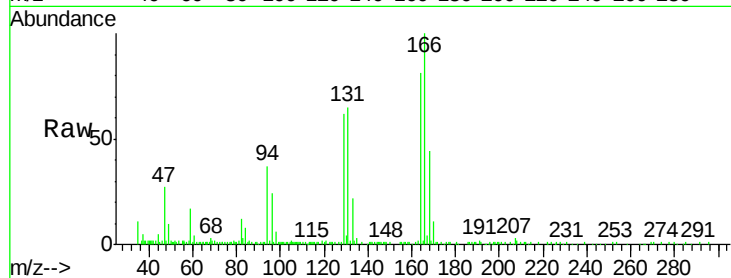
Ion Ratio Lower Upper

164 100

166 124.0 102.6 153.8

129 76.7 68.3 102.5

131 80.2 67.4 101.2

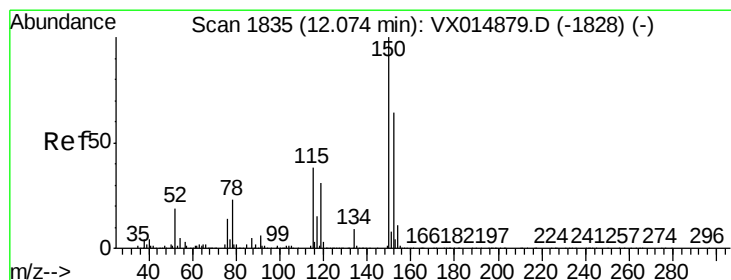
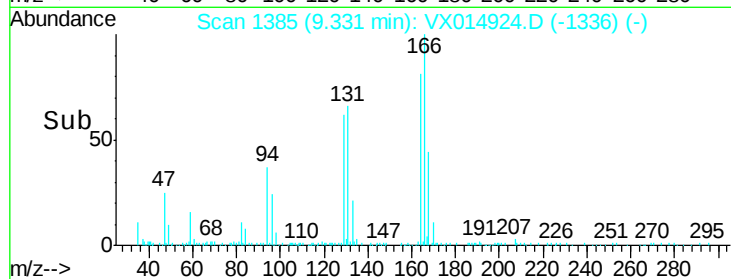
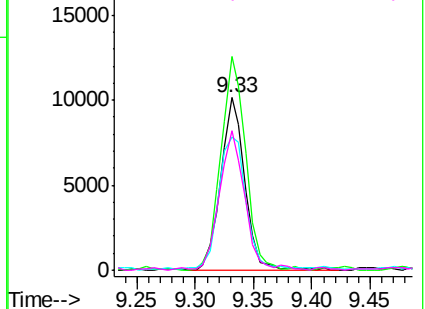


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX014924.D

Acq: 12 Feb 2020 14:39

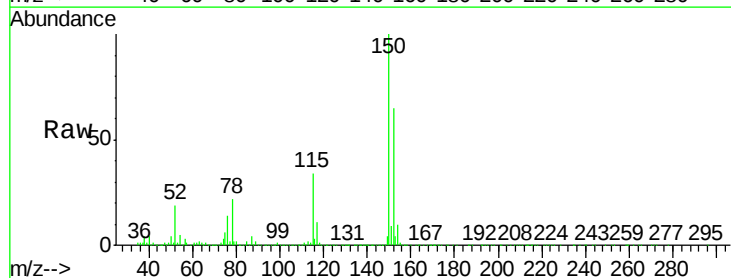
Tgt Ion:152 Resp: 338065

Ion Ratio Lower Upper

152 100

115 55.0 38.6 116.0

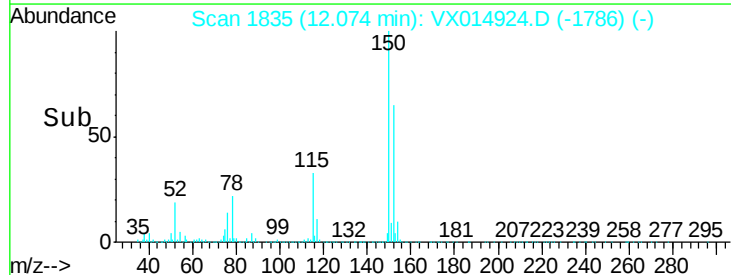
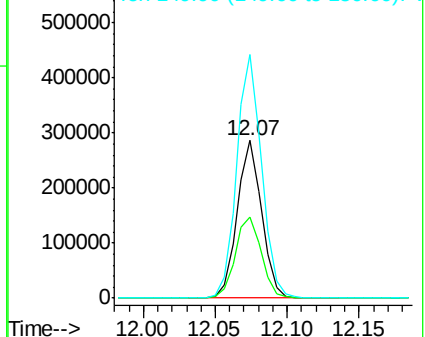
150 157.6 0.0 349.0

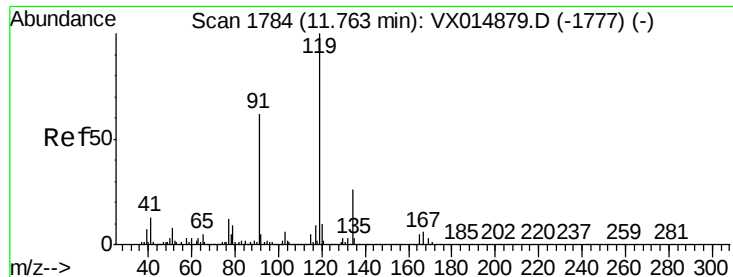


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

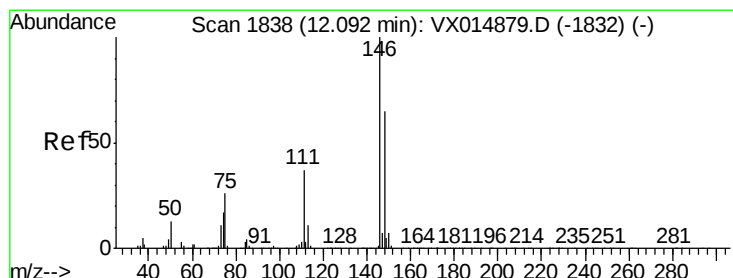
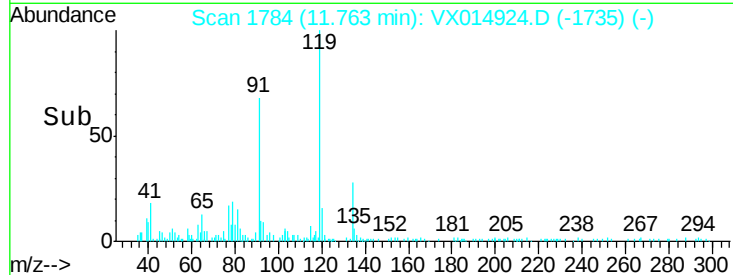
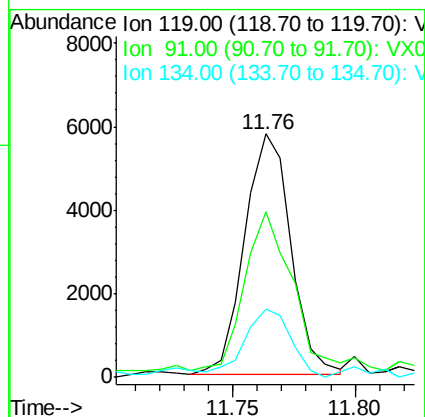
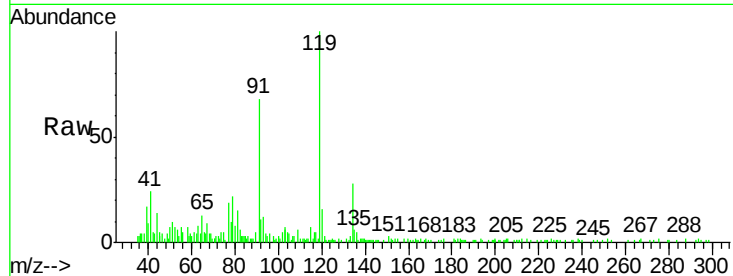




#83
tert-Butylbenzene
Concen: 0.451 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014924.D
Acq: 12 Feb 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
KY036MW016-200211

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.4	29.5	88.6
134	28.4	12.6	37.6



#88
1,4-Dichlorobenzene
Concen: 1.167 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX014924.D
Acq: 12 Feb 2020 14:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	70.1	18.6	55.6#
148	68.7	32.4	97.0

