

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014058.D
 Acq On : 17 Dec 2019 17:46
 Operator : JC/SP
 Sample : K6251-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D1-20191207

Quant Time: Dec 18 07:47:12 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	569136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	866870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	775784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	324349	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	314892	48.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.64%	
35) Dibromofluoromethane	5.48	113	260878	49.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.02%	
50) Toluene-d8	8.71	98	1024716	49.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.13	95	335247	44.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.40%	

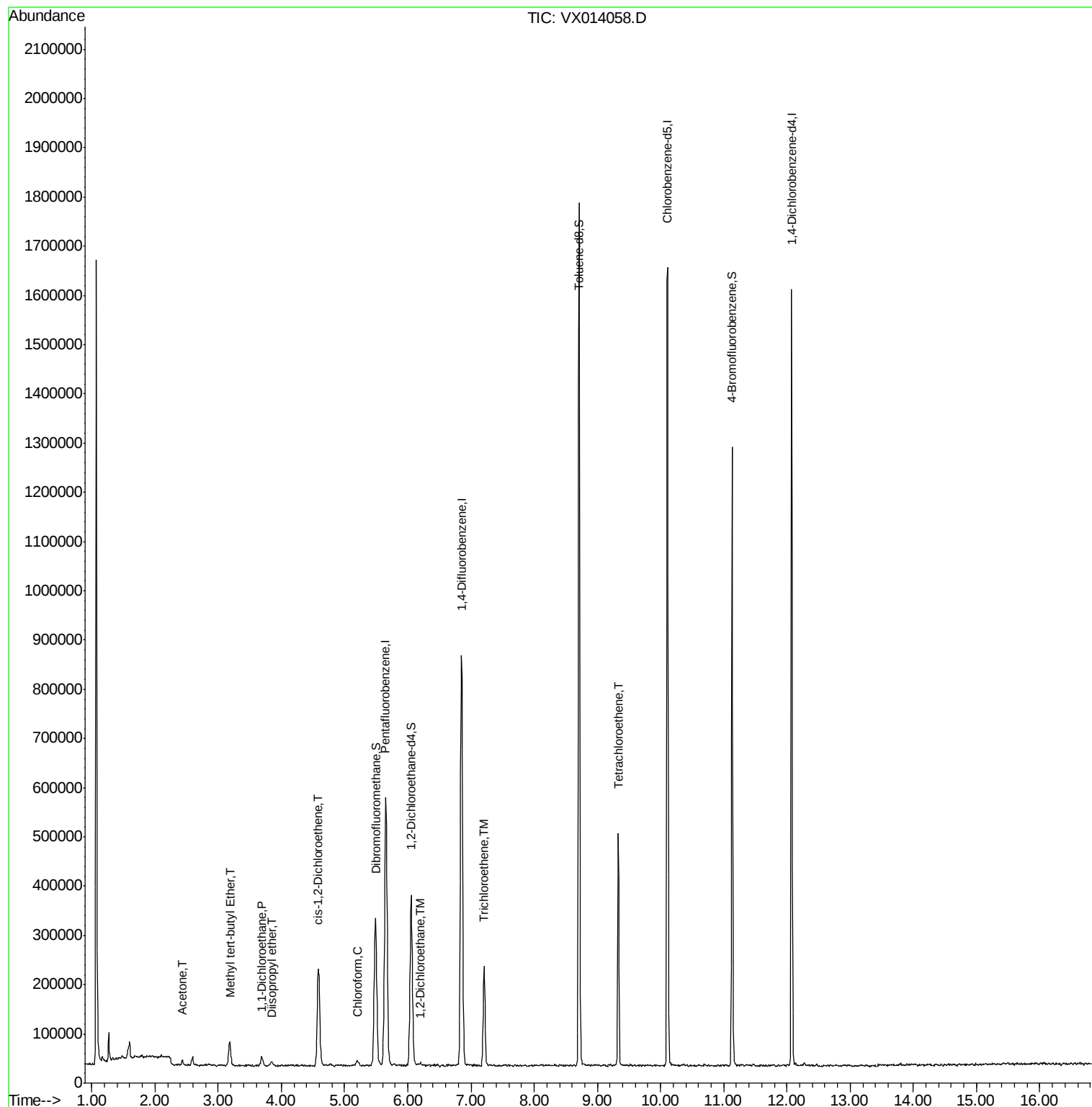
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	11350	2.710	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	54658	3.038	ug/l	99
22) Diisopropyl ether	3.84	45	9571	0.491	ug/l #	82
24) 1,1-Dichloroethane	3.69	63	20659	1.906	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	130991	19.203	ug/l	89
30) Chloroform	5.21	83	11581	1.127	ug/l	96
42) 1,2-Dichloroethane	6.19	62	5211	0.628	ug/l	95
44) Trichloroethene	7.20	130	84610	12.517	ug/l	98
64) Tetrachloroethene	9.33	164	94369	13.747	ug/l	95

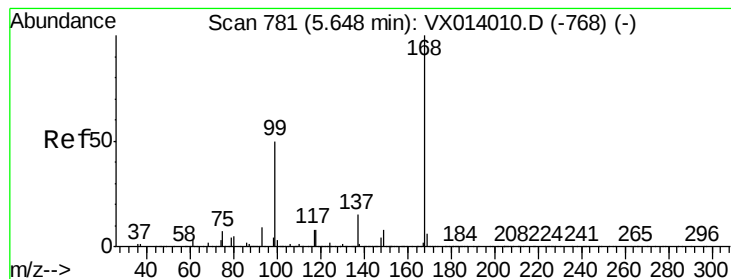
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW202D1-20191207

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
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: VX014058.D

Acq: 17 Dec 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

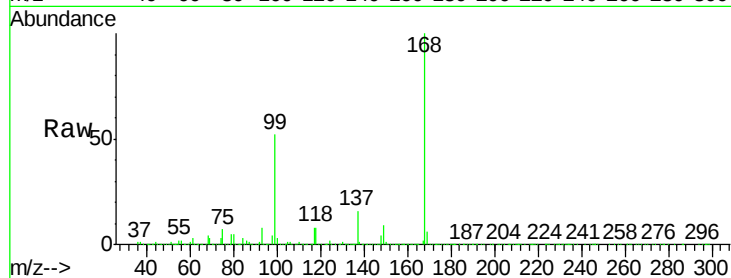
MW202D1-20191207

Tot Ion:168 Resp: 569136

Ion Ratio Lower Upper

168 100

99 51.7 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

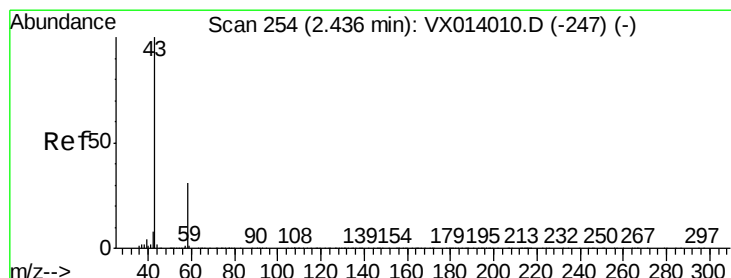
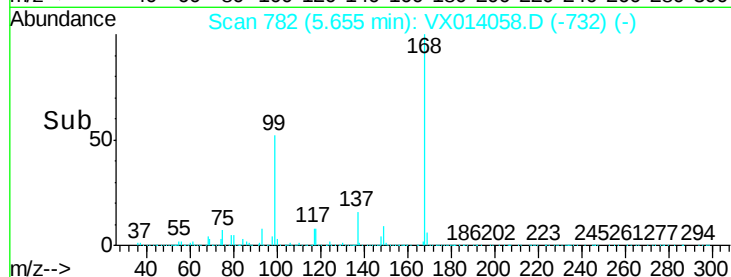
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.710 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014058.D

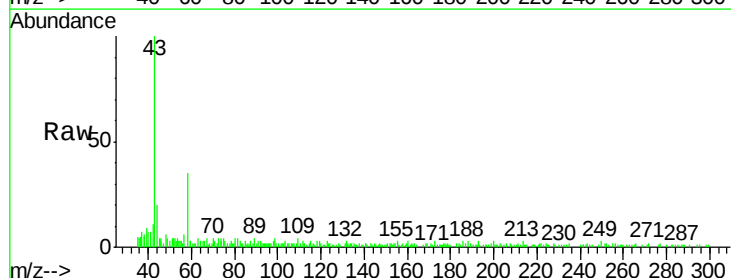
Acq: 17 Dec 2019 17:46

Tgt Ion: 43 Resp: 11350

Ion Ratio Lower Upper

43 100

58 32.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

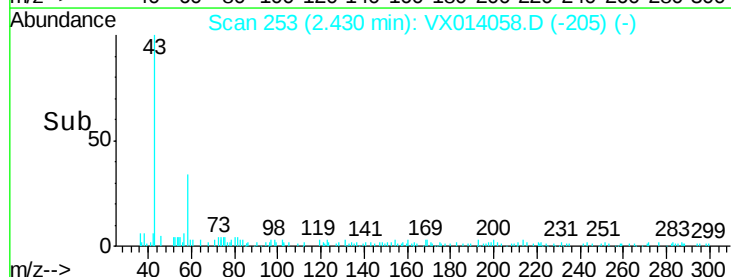
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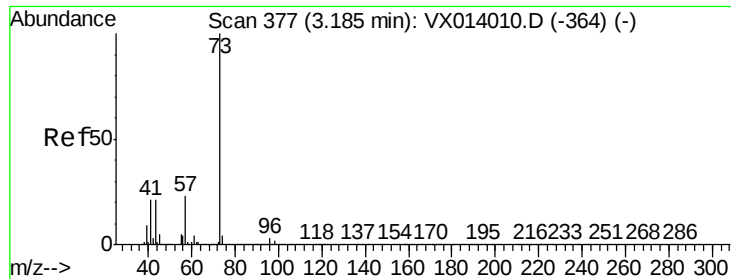
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Time-->

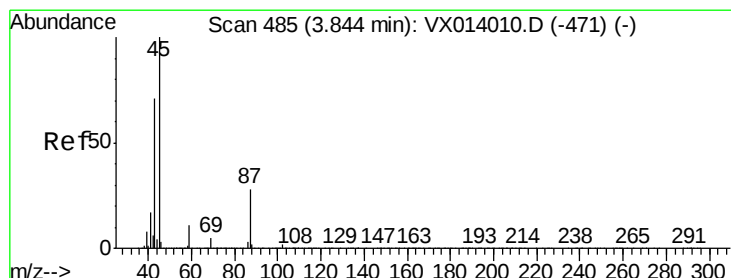
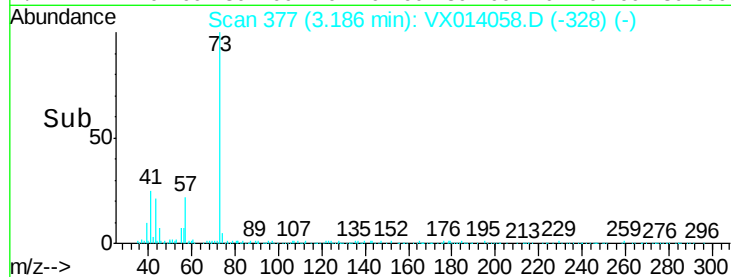
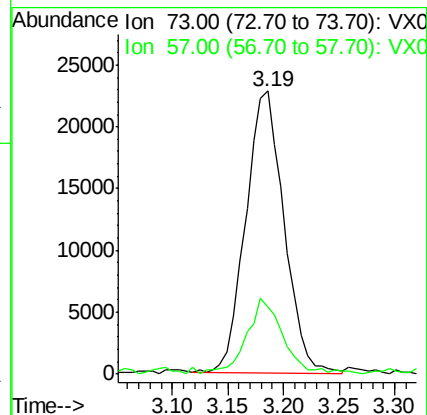
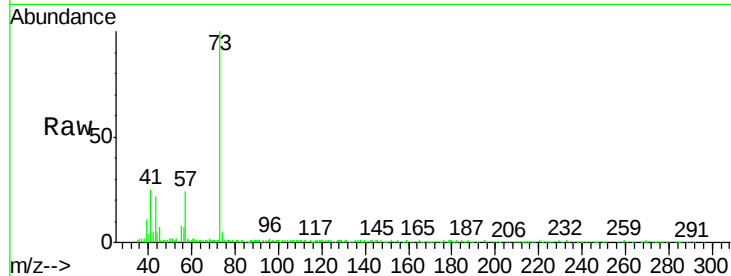




#19
Methvl tert-butvl Ether
Concen: 3.038 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

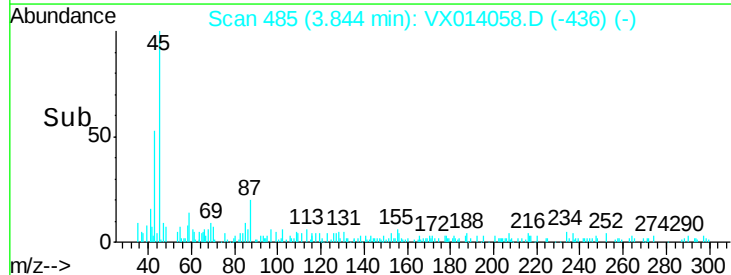
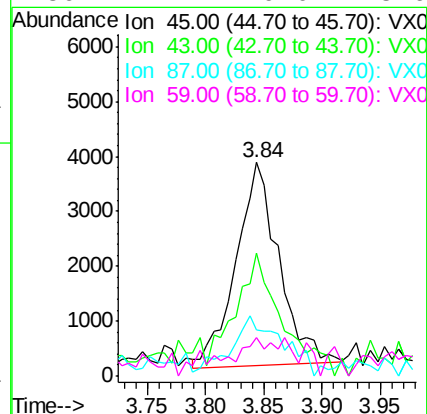
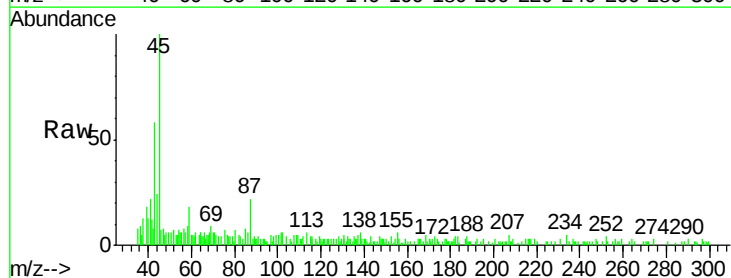
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

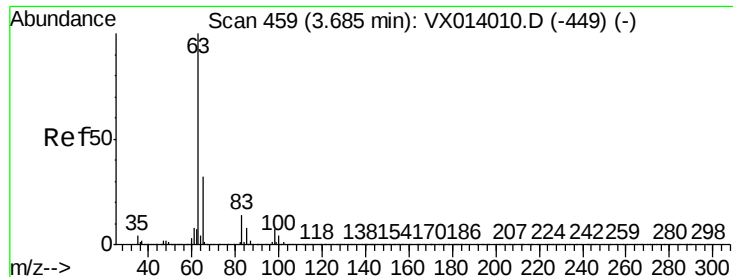
Tot Ion: 73 Resp: 54658
Ion Ratio Lower Upper
73 100
57 22.8 18.8 28.2



#22
Diisopropyl ether
Concen: 0.491 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Tgt Ion: 45 Resp: 9571
Ion Ratio Lower Upper
45 100
43 53.2 57.4 86.0#
87 21.3 21.9 32.9#
59 14.1 9.0 13.6#





#24

1,1-Dichloroethane

Concen: 1.906 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014058.D

Acq: 17 Dec 2019 17:46

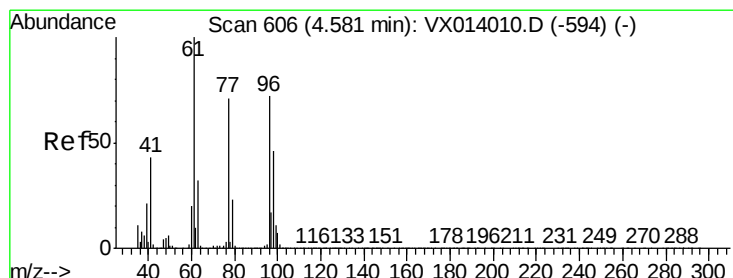
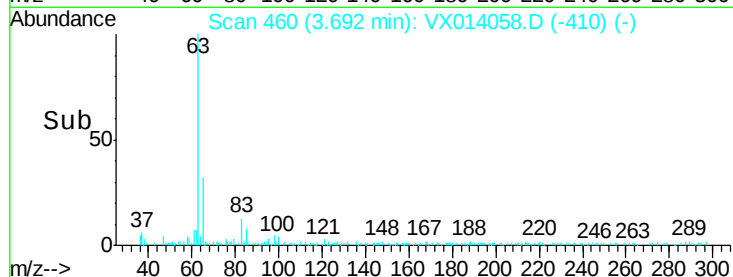
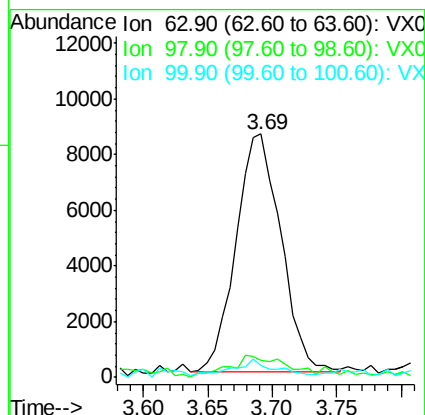
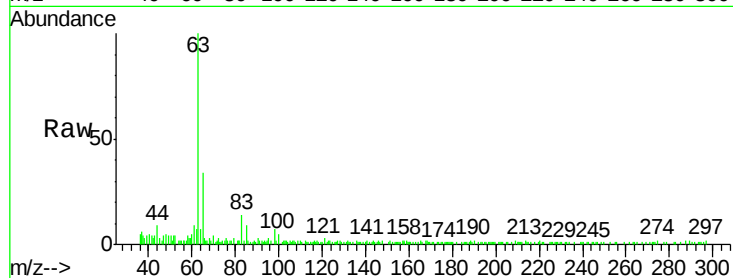
Instrument :

MSVOA_X

ClientSampleId :

MW202D1-20191207

Tot Ion:	63	Resp:	20659
Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.6	10.8
100	4.4	2.3	6.8



#27

cis-1,2-Dichloroethene

Concen: 19.203 ug/l

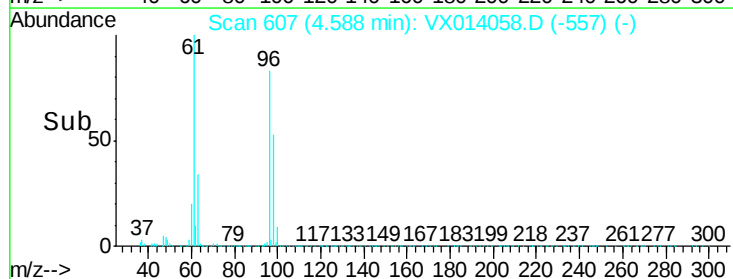
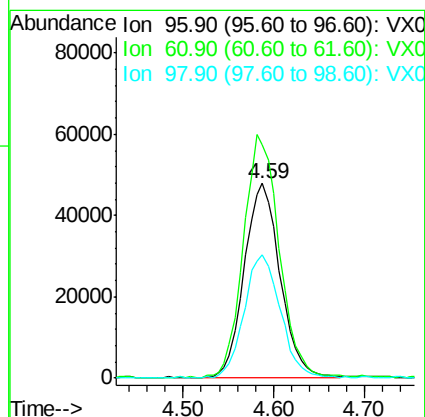
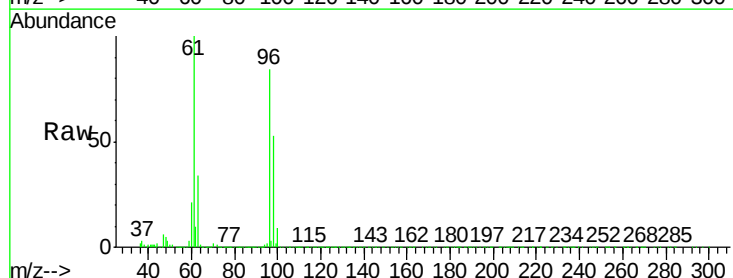
RT: 4.59 min Scan# 607

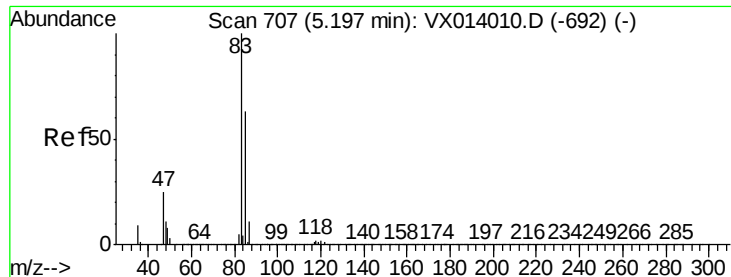
Delta R.T. 0.01 min

Lab File: VX014058.D

Acq: 17 Dec 2019 17:46

Tgt Ion:	96	Resp:	130991
Ion	Ratio	Lower	Upper
96	100		
61	124.6	0.0	288.4
98	63.8	0.0	129.6

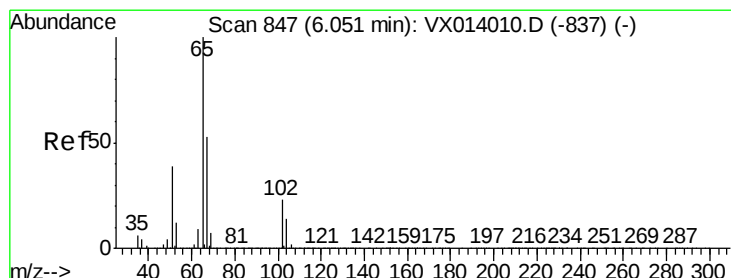
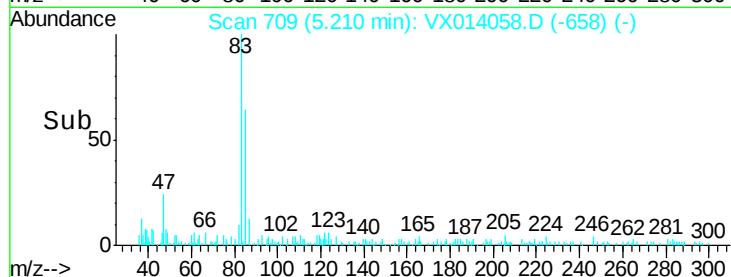
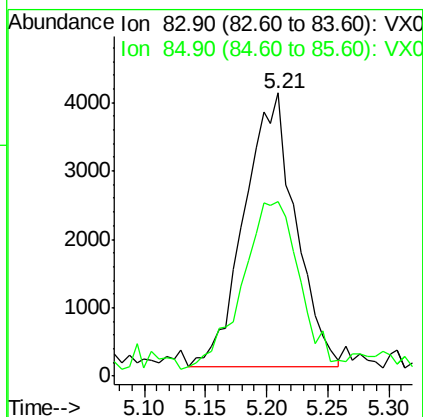
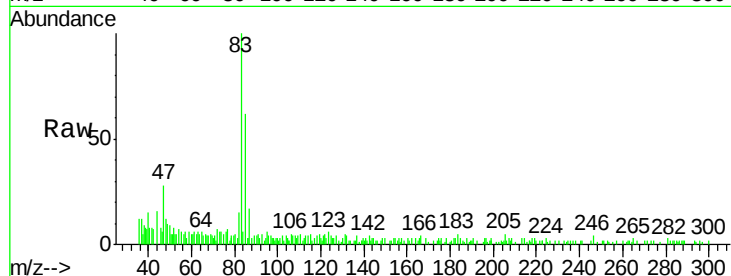




#30
Chloroform
Concen: 1.127 ug/l
RT: 5.21 min Scan# 709
Delta R.T. 0.01 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

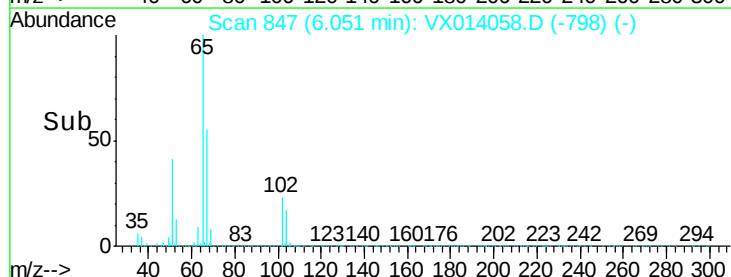
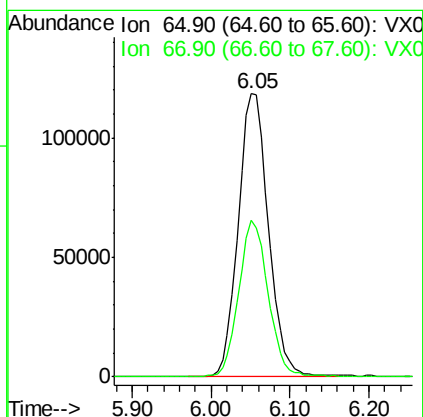
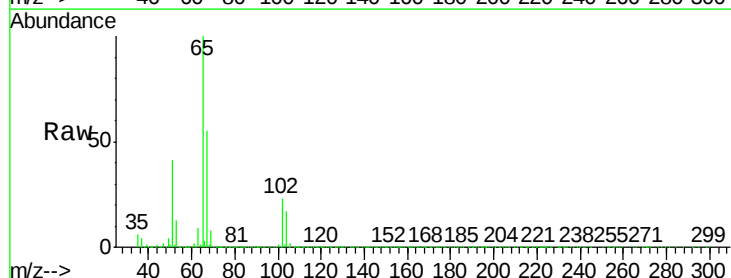
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

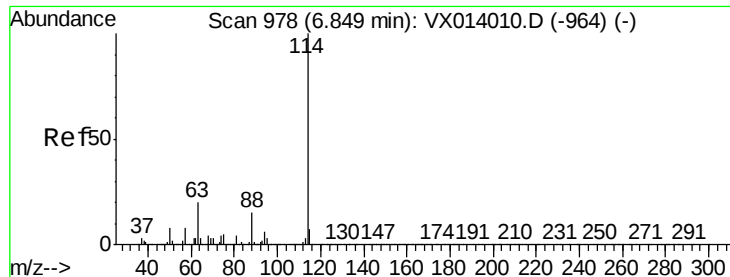
Tot Ion: 83 Resp: 11581
Ion Ratio Lower Upper
83 100
85 60.5 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 48.818 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Tgt Ion: 65 Resp: 314892
Ion Ratio Lower Upper
65 100
67 54.0 0.0 106.4

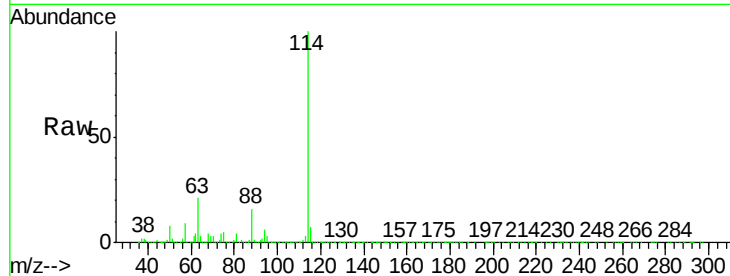




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

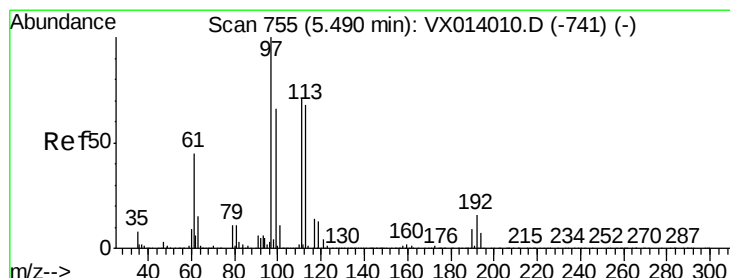
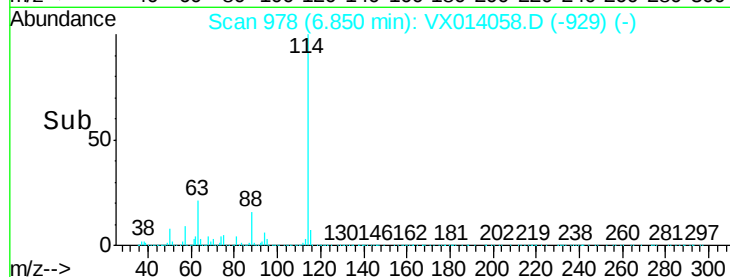
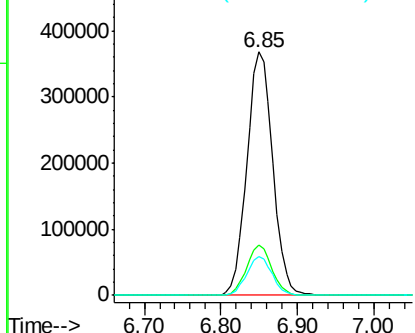
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	16.0	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

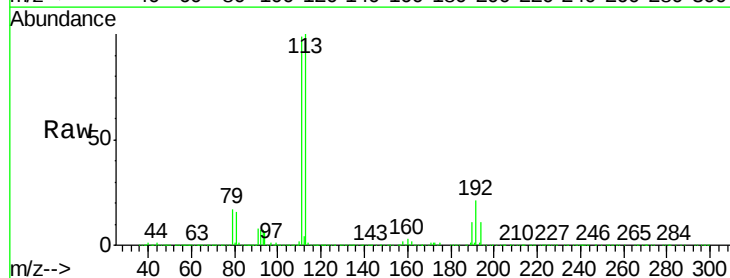
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
Dibromofluoromethane
Concen: 49.506 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

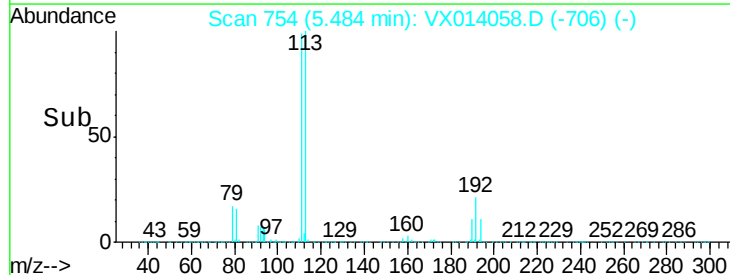
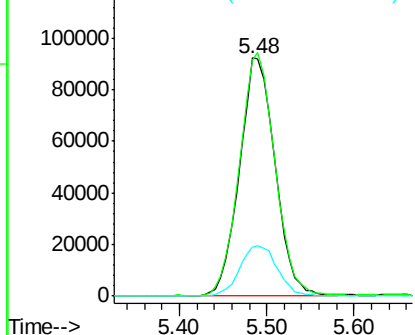
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.0	123.0
192	22.4	19.3	28.9

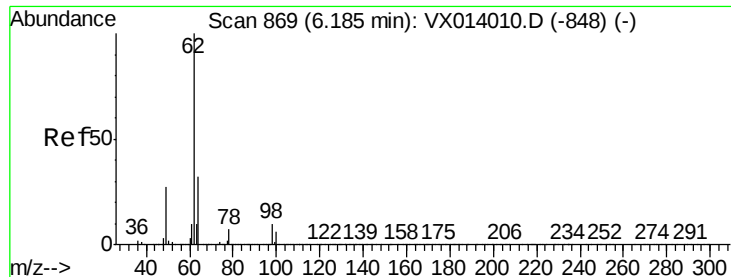


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#42

1,2-Dichloroethane

Concen: 0.628 ug/l

RT: 6.19 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX014058.D

Acq: 17 Dec 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

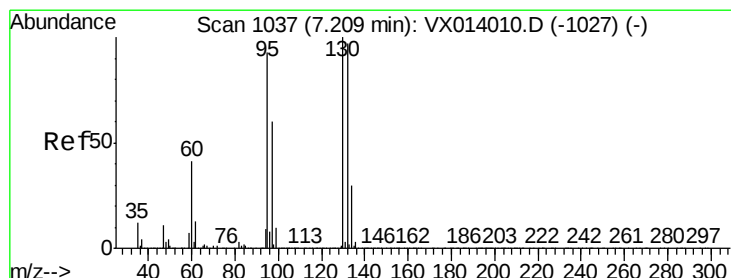
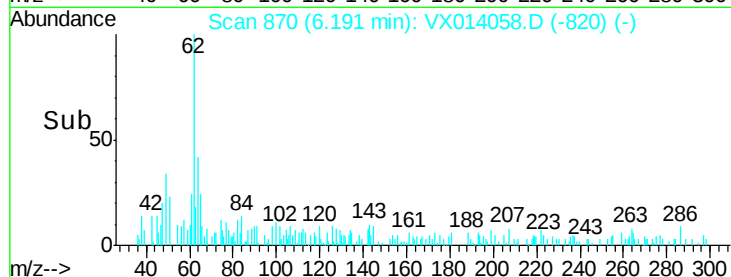
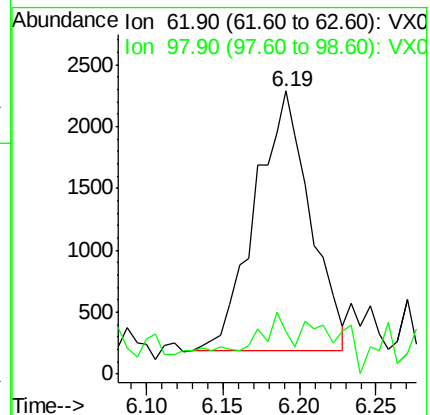
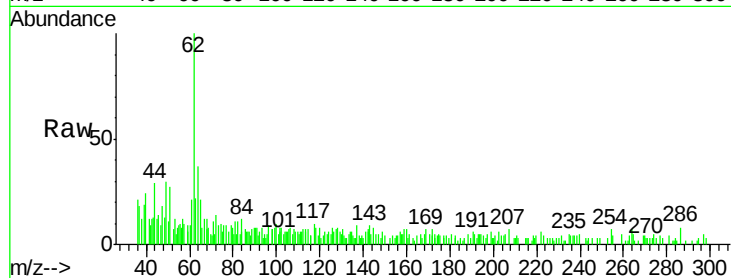
MW202D1-20191207

Tot Ion: 62 Resp: 5211

Ion Ratio Lower Upper

62 100

98 8.8 0.0 21.0



#44

Trichloroethene

Concen: 12.517 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014058.D

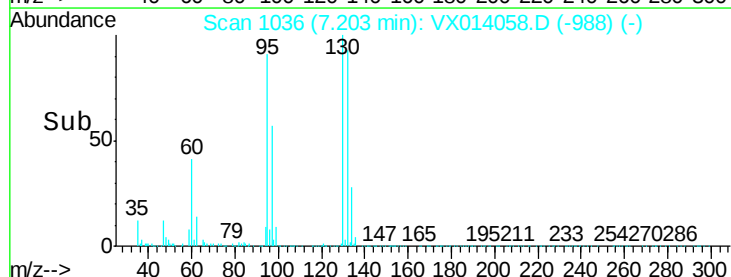
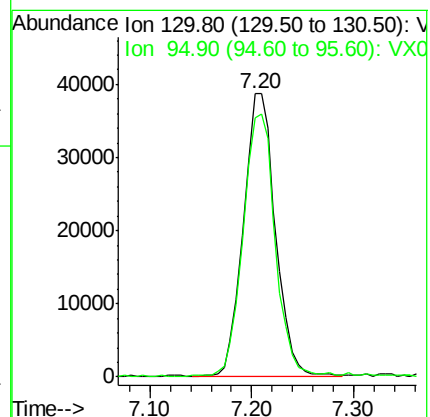
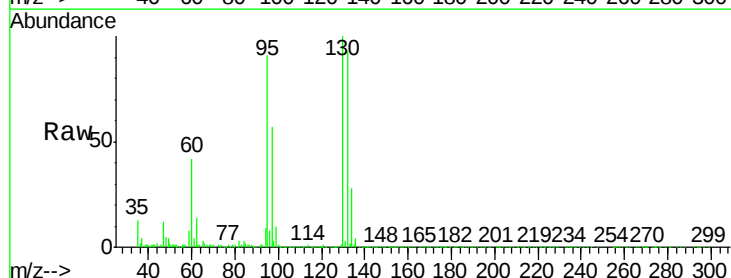
Acq: 17 Dec 2019 17:46

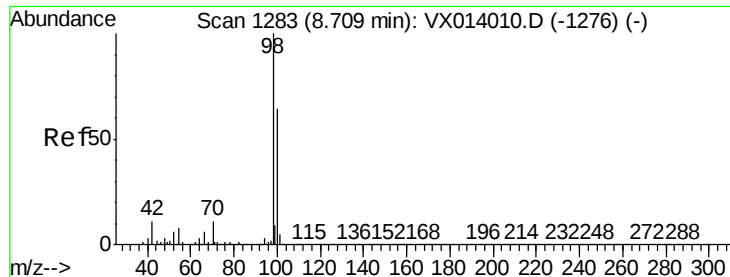
Tgt Ion:130 Resp: 84610

Ion Ratio Lower Upper

130 100

95 90.9 0.0 185.6





#50

Toluene-d8

Concen: 49.947 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014058.D

Acq: 17 Dec 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

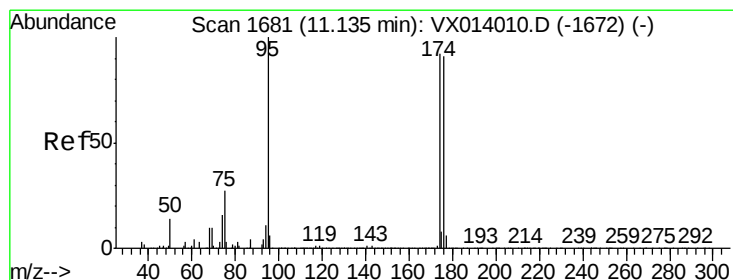
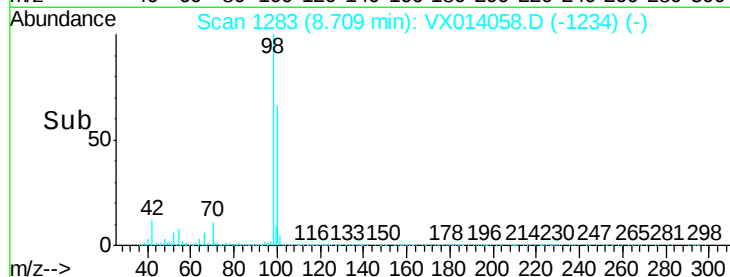
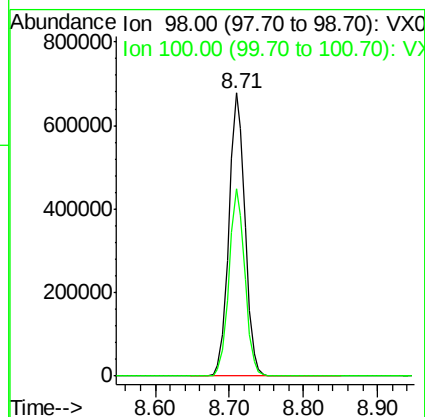
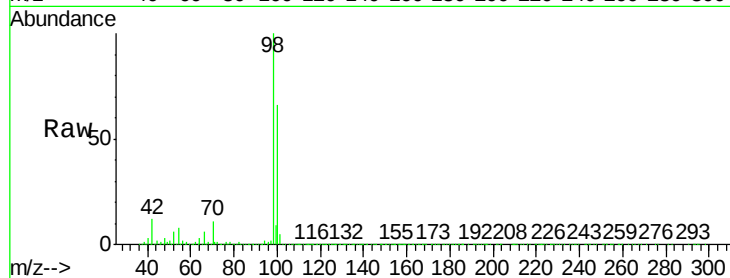
MW202D1-20191207

Tot Ion: 98 Resp: 1024716

Ion Ratio Lower Upper

98 100

100 65.2 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.703 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014058.D

Acq: 17 Dec 2019 17:46

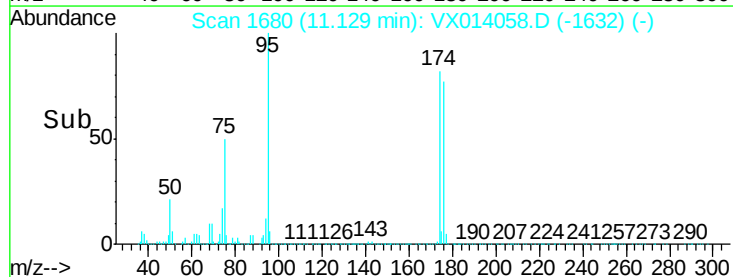
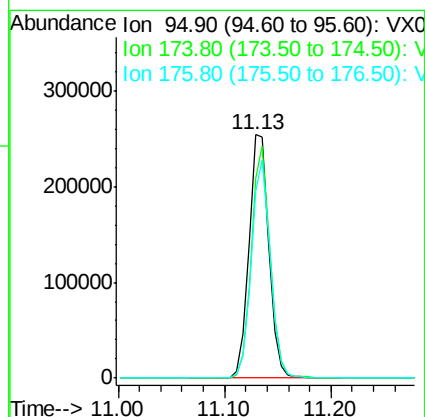
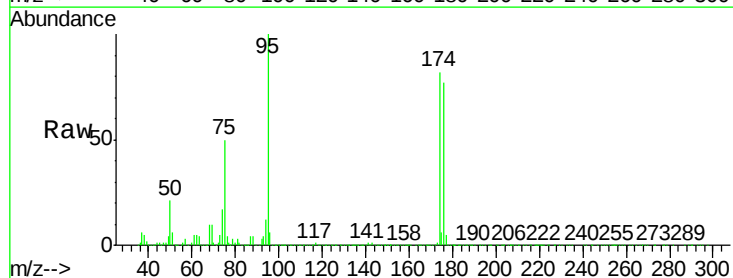
Tgt Ion: 95 Resp: 335247

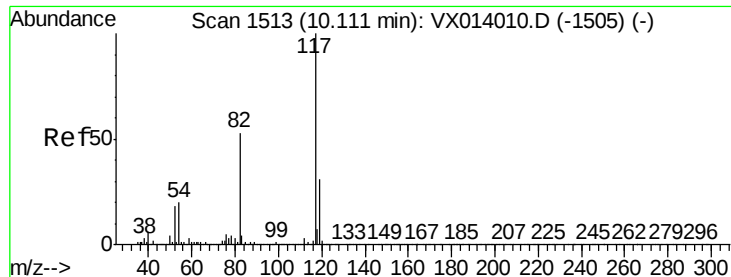
Ion Ratio Lower Upper

95 100

174 89.2 0.0 175.8

176 85.3 0.0 173.0

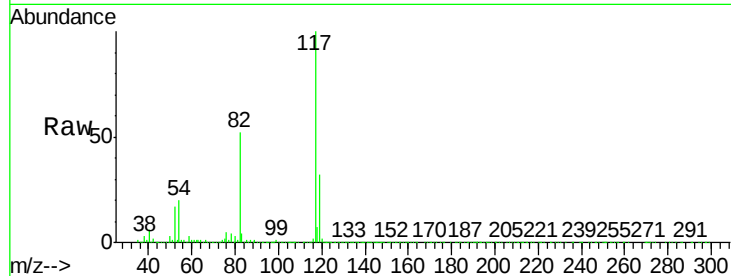




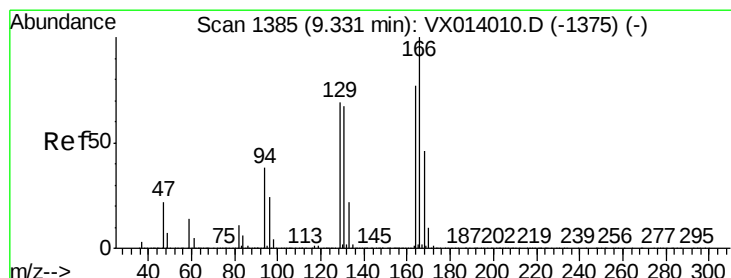
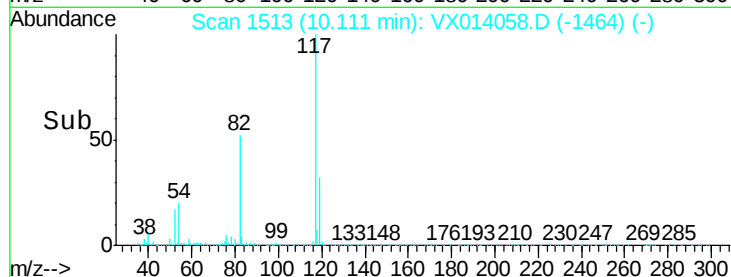
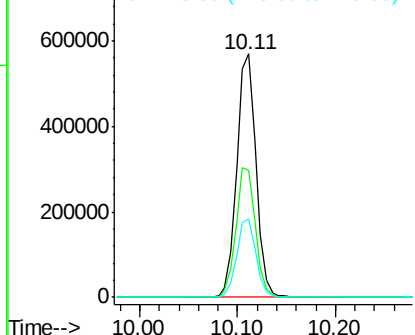
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20191207

Tot Ion:117 Resp: 775784
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.4
119 32.3 25.1 37.7

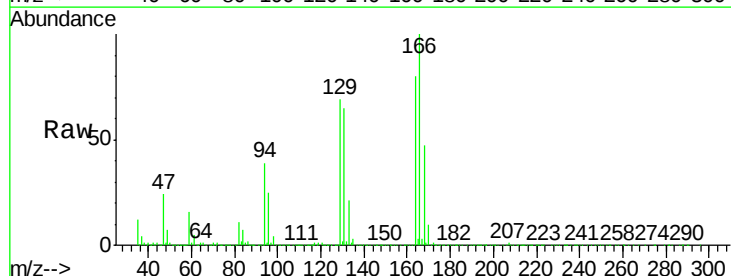


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

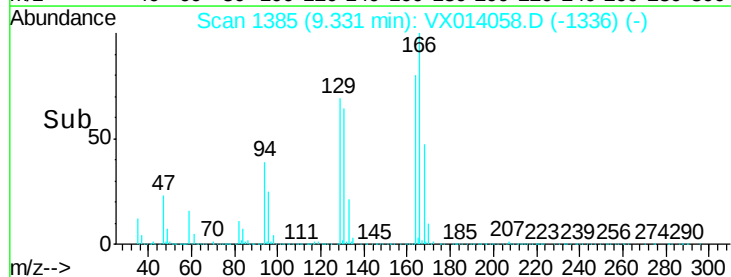
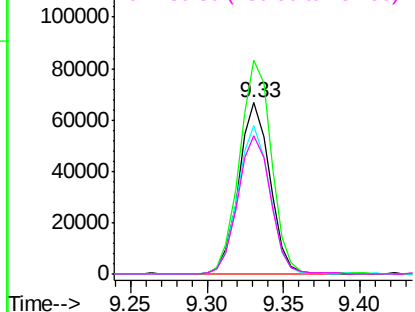


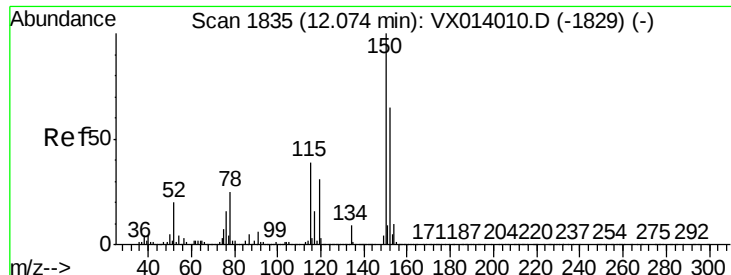
#64
Tetrachloroethene
Concen: 13.747 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014058.D
Acq: 17 Dec 2019 17:46

Tgt Ion:164 Resp: 94369
Ion Ratio Lower Upper
164 100
166 124.6 104.0 156.0
129 86.3 72.2 108.4
131 80.5 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: VX014058.D

Acq: 17 Dec 2019 17:46

Instrument :

MSVOA_X

ClientSampleId :

MW202D1-20191207

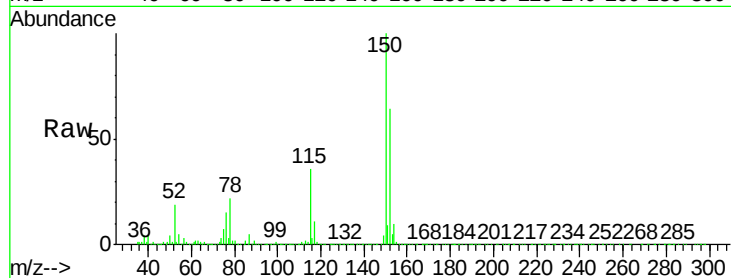
Tot Ion:152 Resp: 324349

Ion Ratio Lower Upper

152 100

115 56.3 38.3 114.9

150 156.5 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

