

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014545.D
 Acq On : 10 Jan 2020 18:18
 Operator : JC/SP
 Sample : L1080-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Quant Time: Jan 11 00:12:34 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

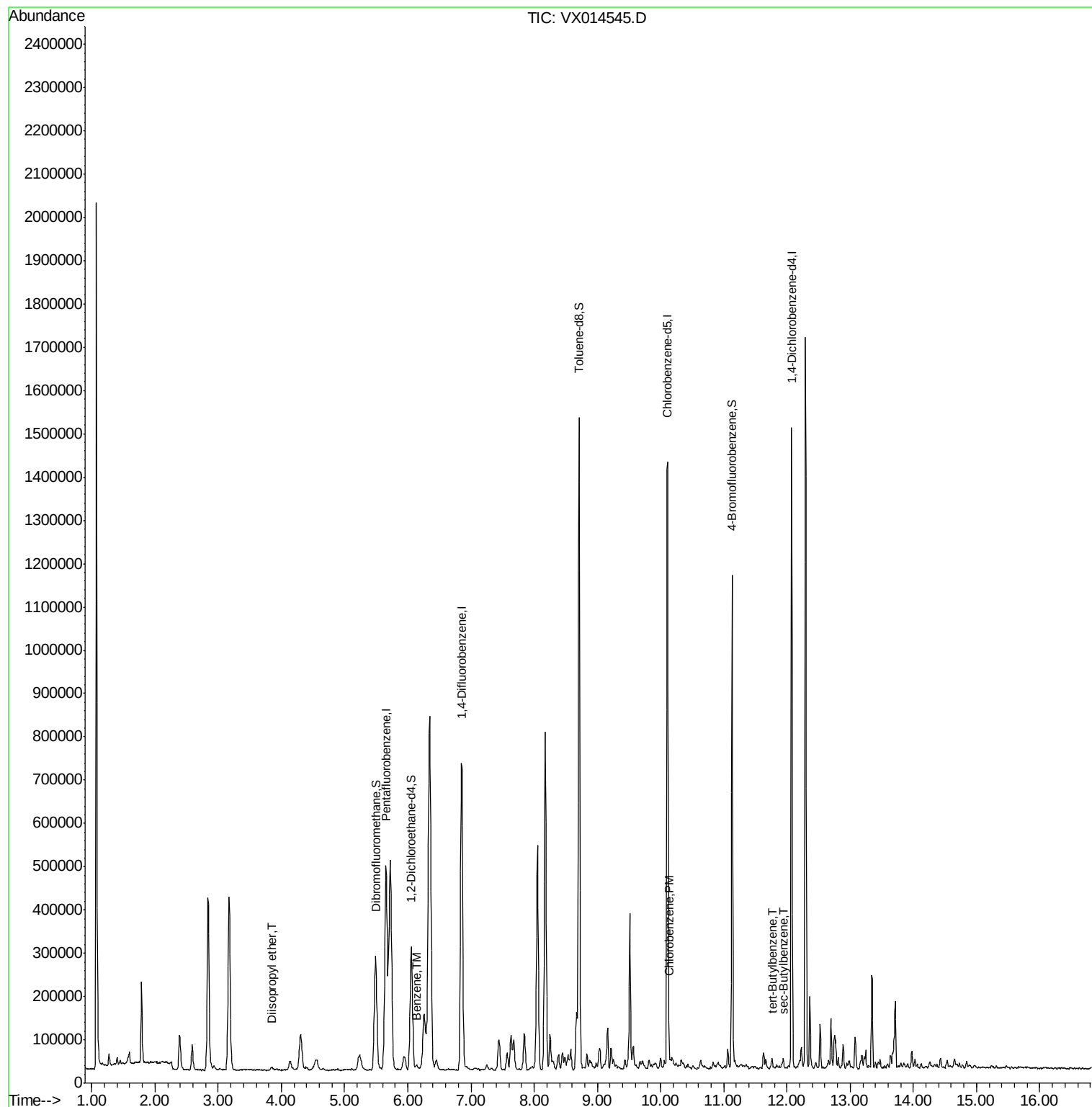
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	479533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	741906	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	676335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	314428	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	265452	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	5.49	113	223269	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
50) Toluene-d8	8.71	98	901954	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	11.14	95	305582	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
Target Compounds						
22) Diisopropyl ether	3.84	45	6346	0.395	ug/l #	77
40) Benzene	6.14	78	11828	0.571	ug/l #	90
65) Chlorobenzene	10.14	112	7606	0.518	ug/l	98
83) tert-Butylbenzene	11.76	119	6594	0.381	ug/l	93
85) sec-Butylbenzene	11.94	105	10852	0.504	ug/l	81

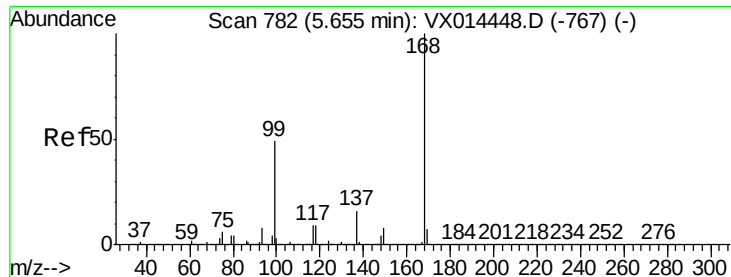
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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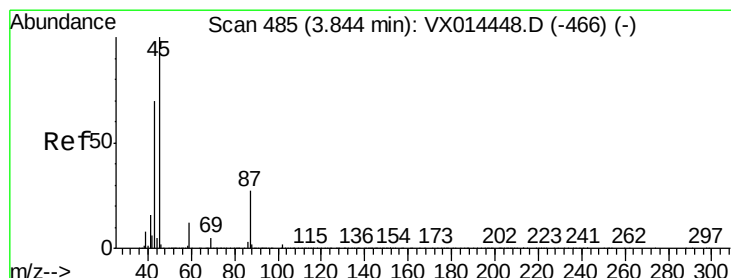
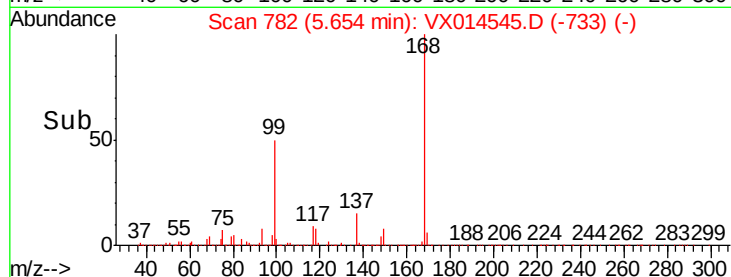
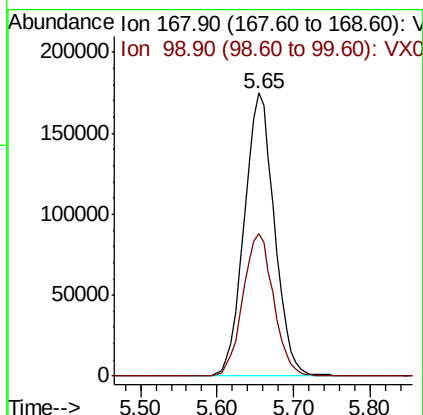
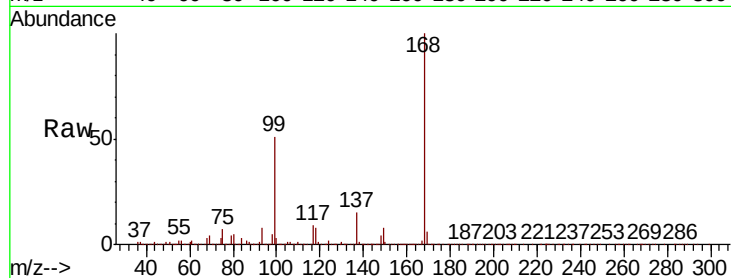


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: VX014545.D
 Acq: 10 Jan 2020 18:18

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

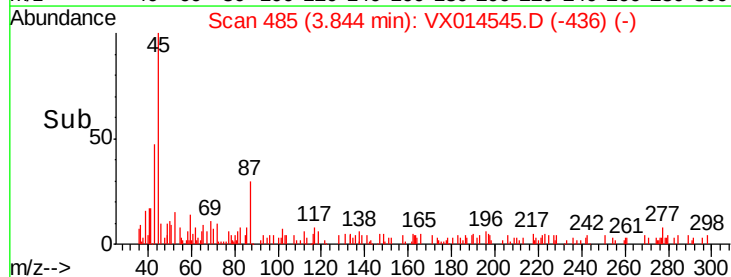
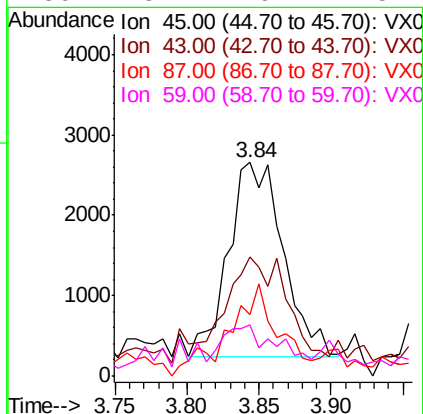
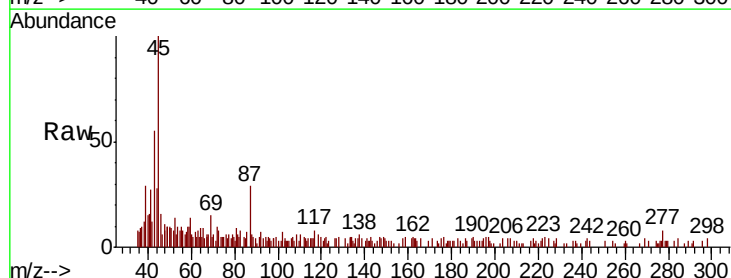
Tot Ion:168 Resp: 479533
 Ion Ratio Lower Upper
 168 100
 99 50.4 39.2 58.8

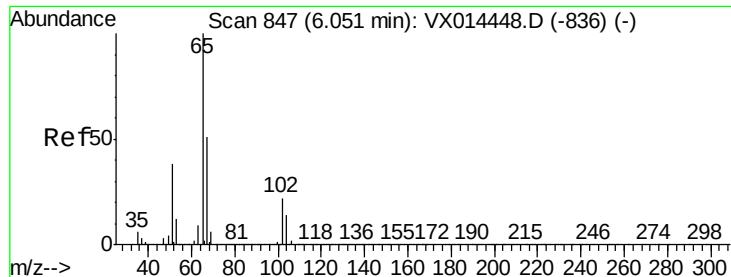


#22

Diisopropyl ether
 Concen: 0.395 ug/l
 RT: 3.84 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: VX014545.D
 Acq: 10 Jan 2020 18:18

Tgt Ion: 45 Resp: 6346
 Ion Ratio Lower Upper
 45 100
 43 44.4 55.8 83.6#
 87 23.5 21.8 32.8
 59 15.1 9.1 13.7#

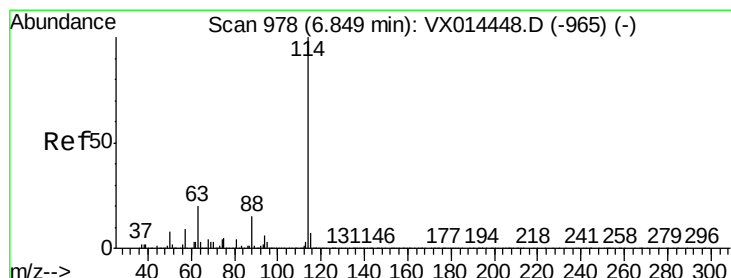
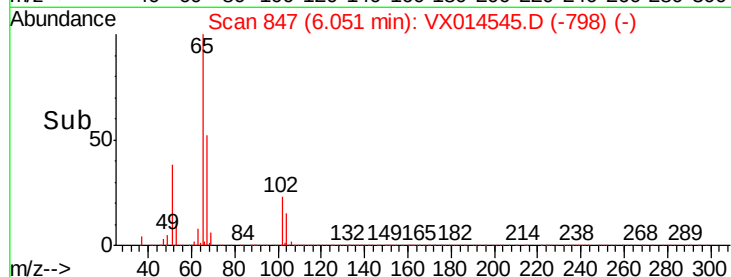
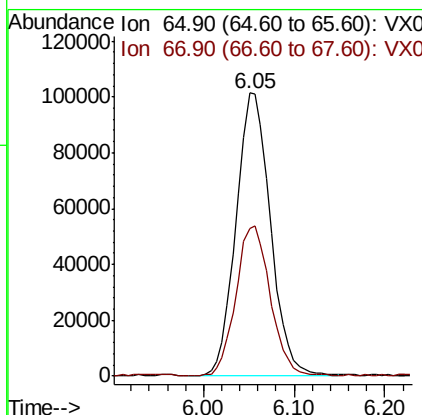
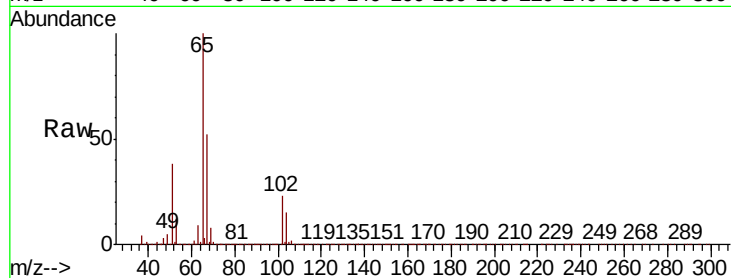




#33
 1,2-Dichloroethane-d4
 Concen: 49.587 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014545.D
 Acq: 10 Jan 2020 18:18

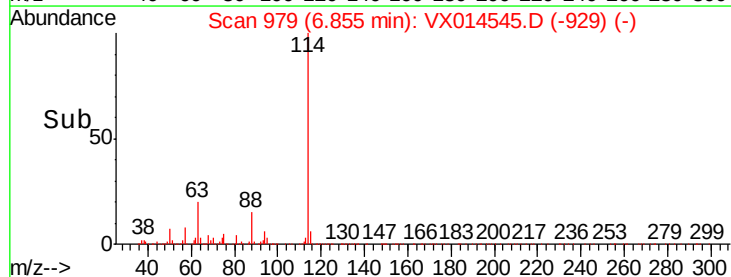
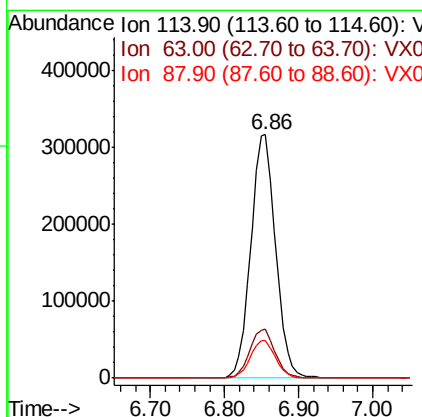
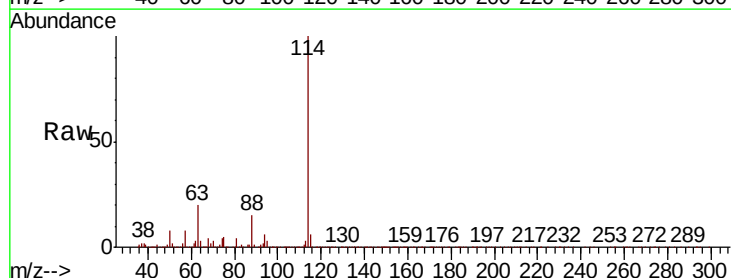
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

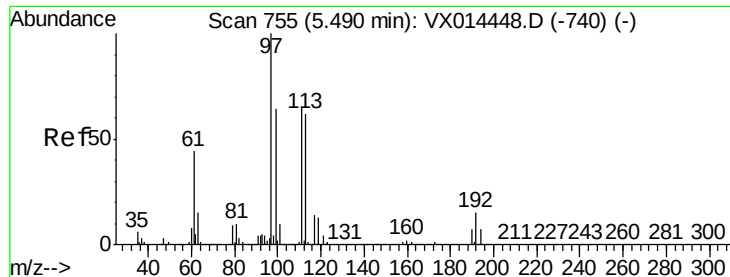
Tot Ion: 65 Resp: 265452
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX014545.D
 Acq: 10 Jan 2020 18:18

Tgt Ion: 114 Resp: 741906
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 15.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.714 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

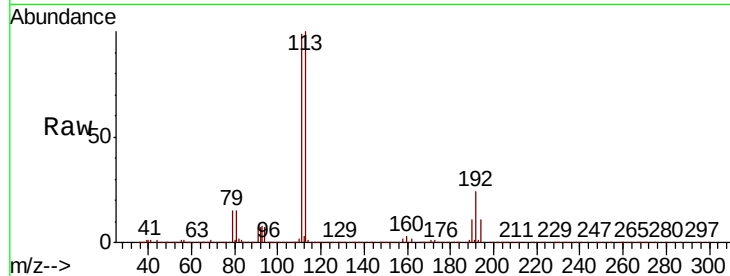
Tot Ion:113 Resp: 223269

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

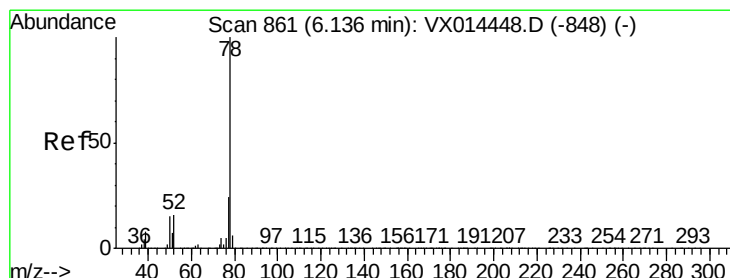
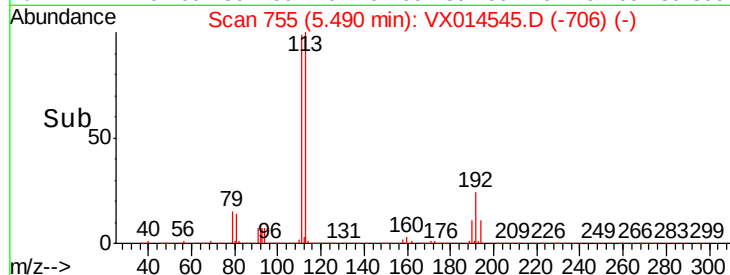
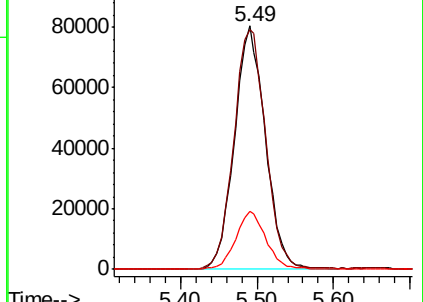
192 23.6 19.2 28.8



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



#40

Benzene

Concen: 0.571 ug/l

RT: 6.14 min Scan# 862

Delta R.T. 0.01 min

Lab File: VX014545.D

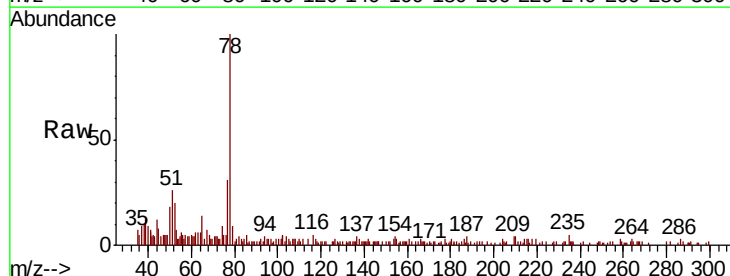
Acq: 10 Jan 2020 18:18

Tgt Ion: 78 Resp: 11828

Ion Ratio Lower Upper

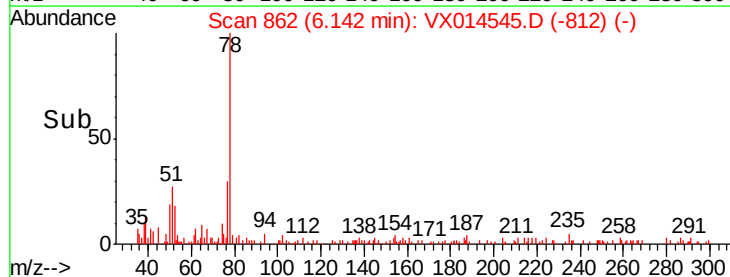
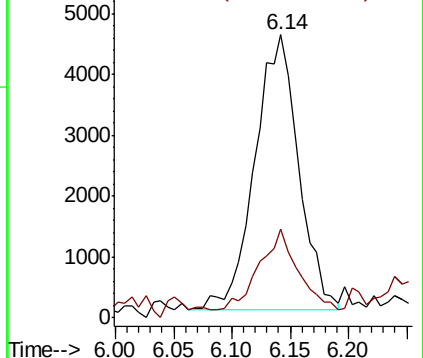
78 100

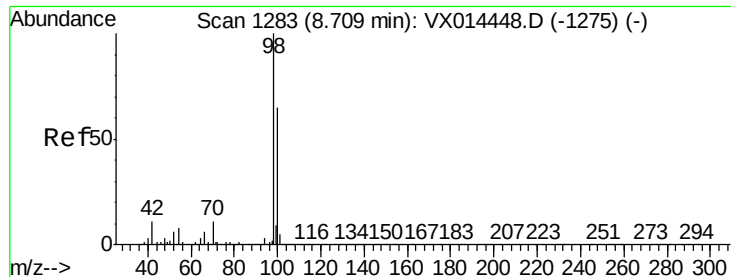
77 29.3 19.5 29.3#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 51.752 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

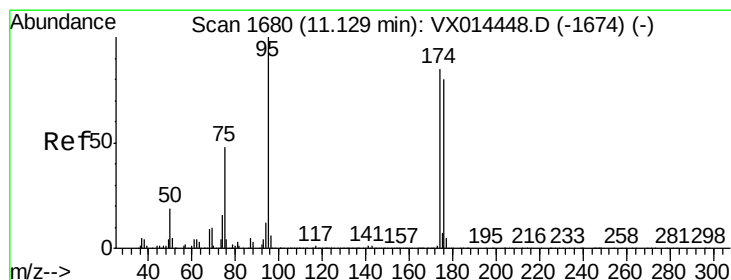
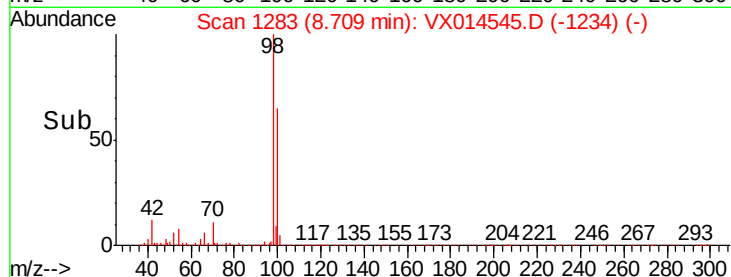
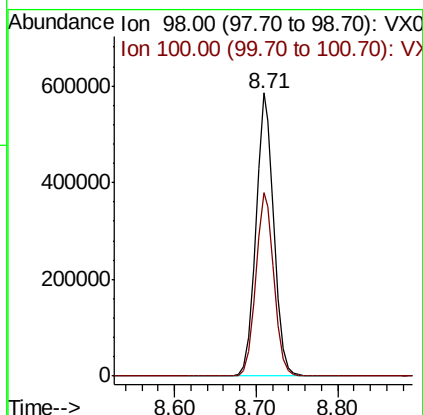
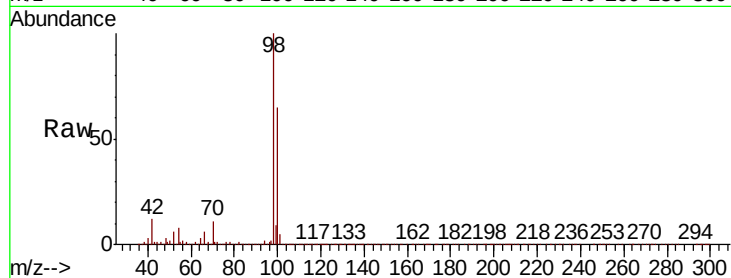
MW-1R

Tot Ion: 98 Resp: 901954

Ion Ratio Lower Upper

98 100

100 65.7 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 47.761 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014545.D

Acq: 10 Jan 2020 18:18

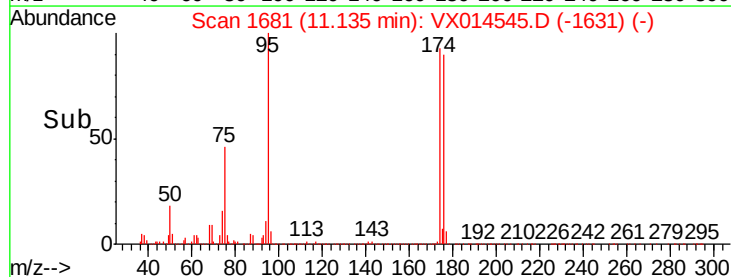
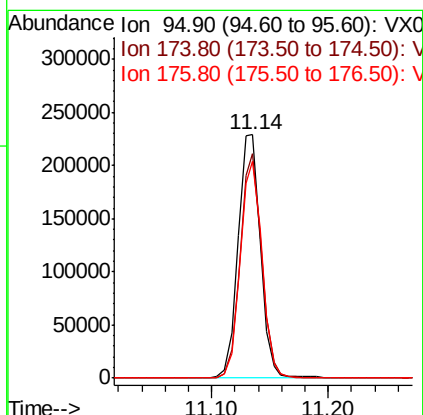
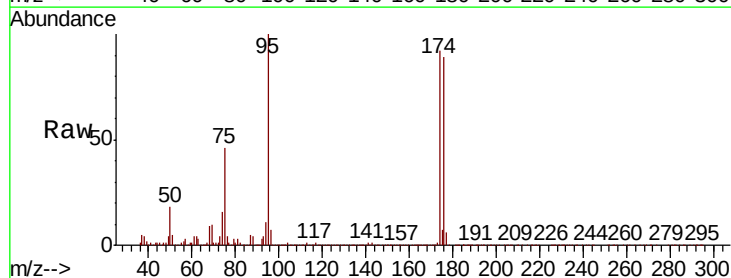
Tgt Ion: 95 Resp: 305582

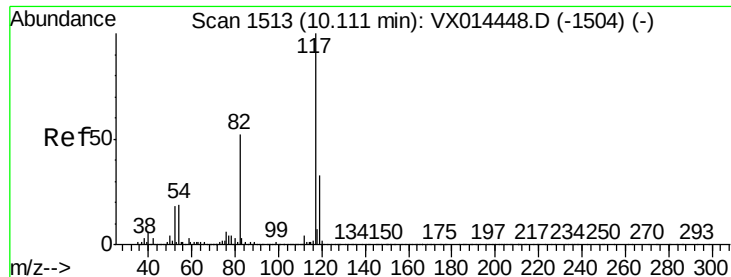
Ion Ratio Lower Upper

95 100

174 88.7 0.0 180.8

176 87.1 0.0 172.8

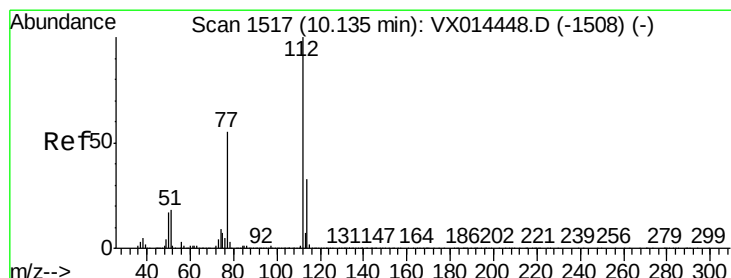
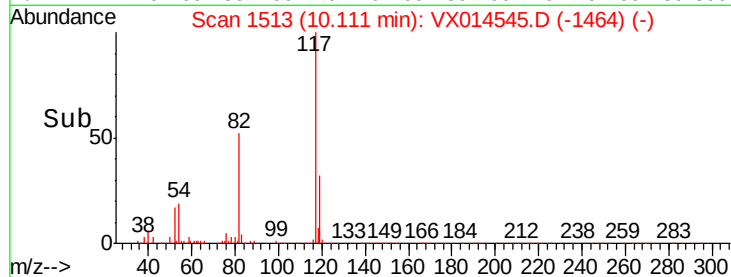
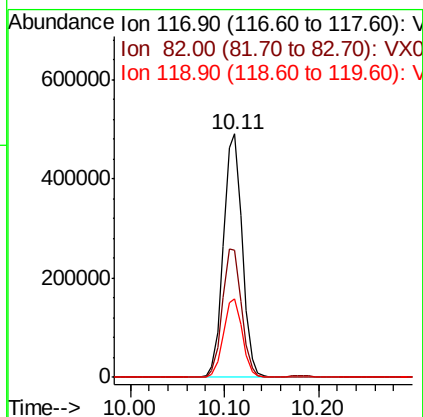
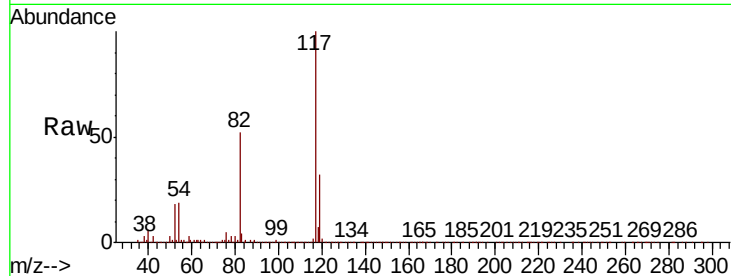




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014545.D
Acq: 10 Jan 2020 18:18

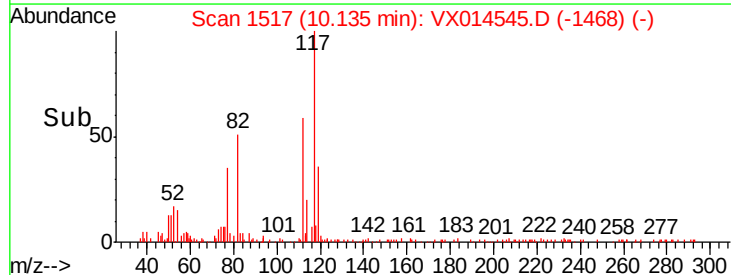
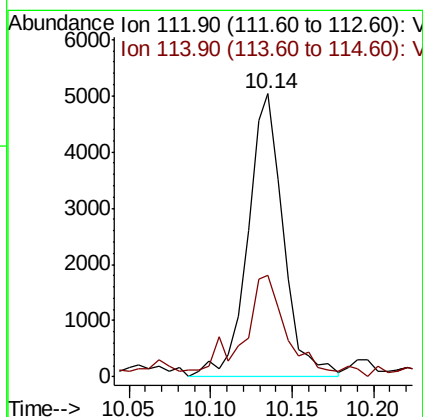
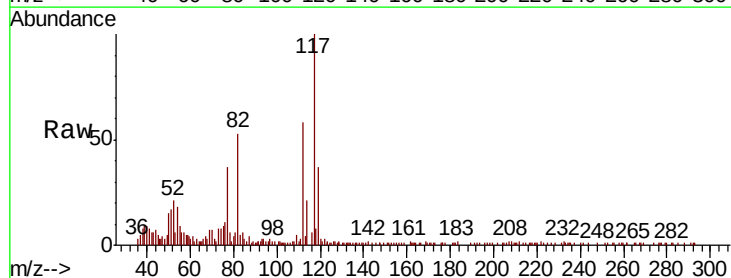
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MSVOA_X
ClientSampleId :
MW-1R

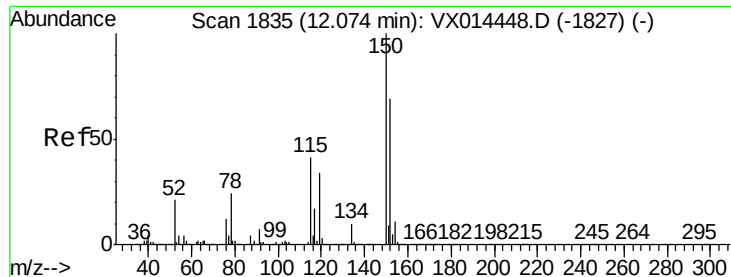
Tot Ion:117 Resp: 676335
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.6
119 32.4 26.2 39.4



#65
Chlorobenzene
Concen: 0.518 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX014545.D
Acq: 10 Jan 2020 18:18

Tgt Ion:112 Resp: 7606
Ion Ratio Lower Upper
112 100
114 34.0 26.2 39.4

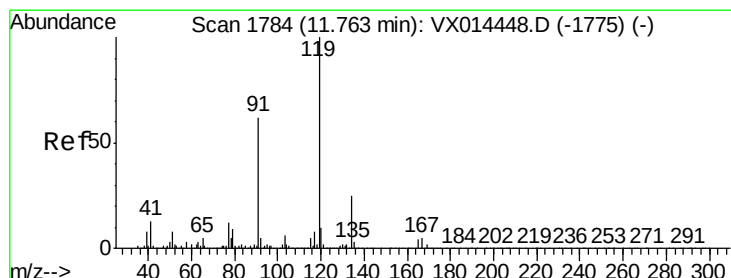
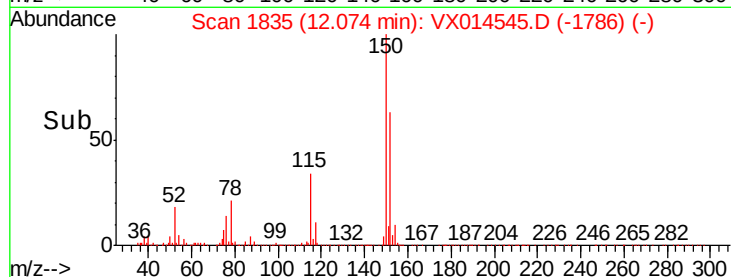
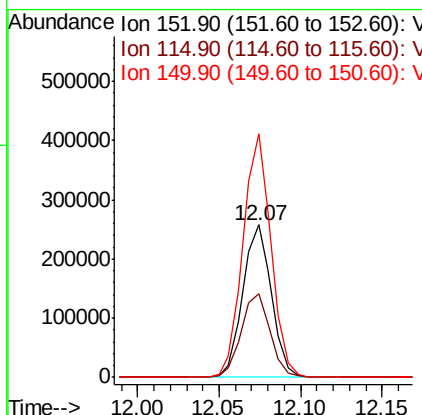
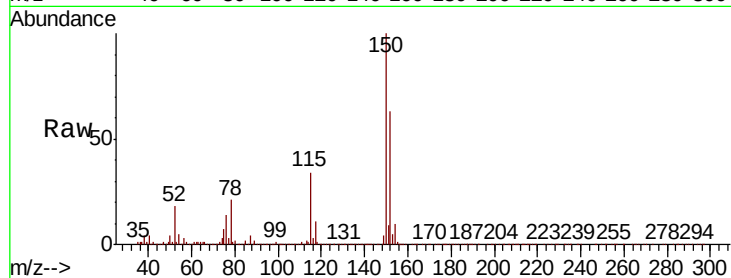




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX014545.D
 Acq: 10 Jan 2020 18:18

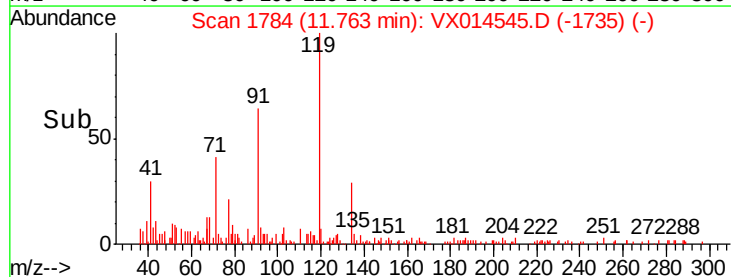
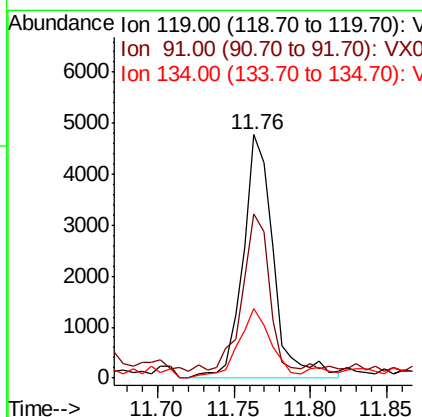
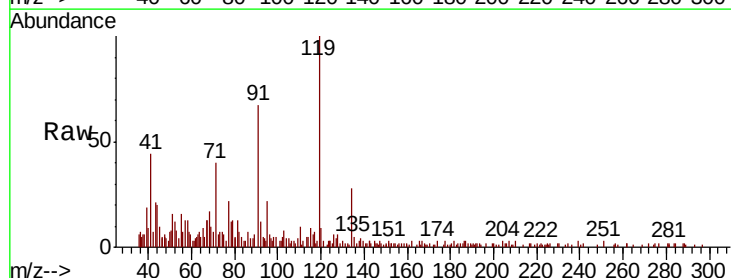
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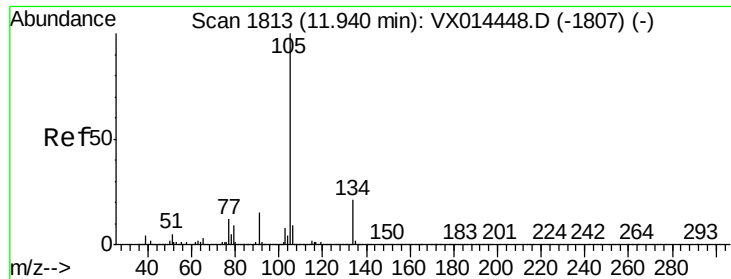
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	39.5	118.3
150	157.3	0.0	350.2



#83
 tert-Butylbenzene
 Concen: 0.381 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX014545.D
 Acq: 10 Jan 2020 18:18

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.1	29.3	88.0
134	30.6	12.4	37.4





#85
 sec-Butylbenzene
 Concen: 0.504 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014545.D
 Acq: 10 Jan 2020 18:18

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Tot Ion:105 Resp: 10852
 Ion Ratio Lower Upper
 105 100
 134 29.8 10.5 31.5

