

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041320\
 Data File : VX015646.D
 Acq On : 13 Apr 2020 16:49
 Operator : JC/SP
 Sample : L2190-16DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW167-200406DL

Quant Time: Apr 14 01:30:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

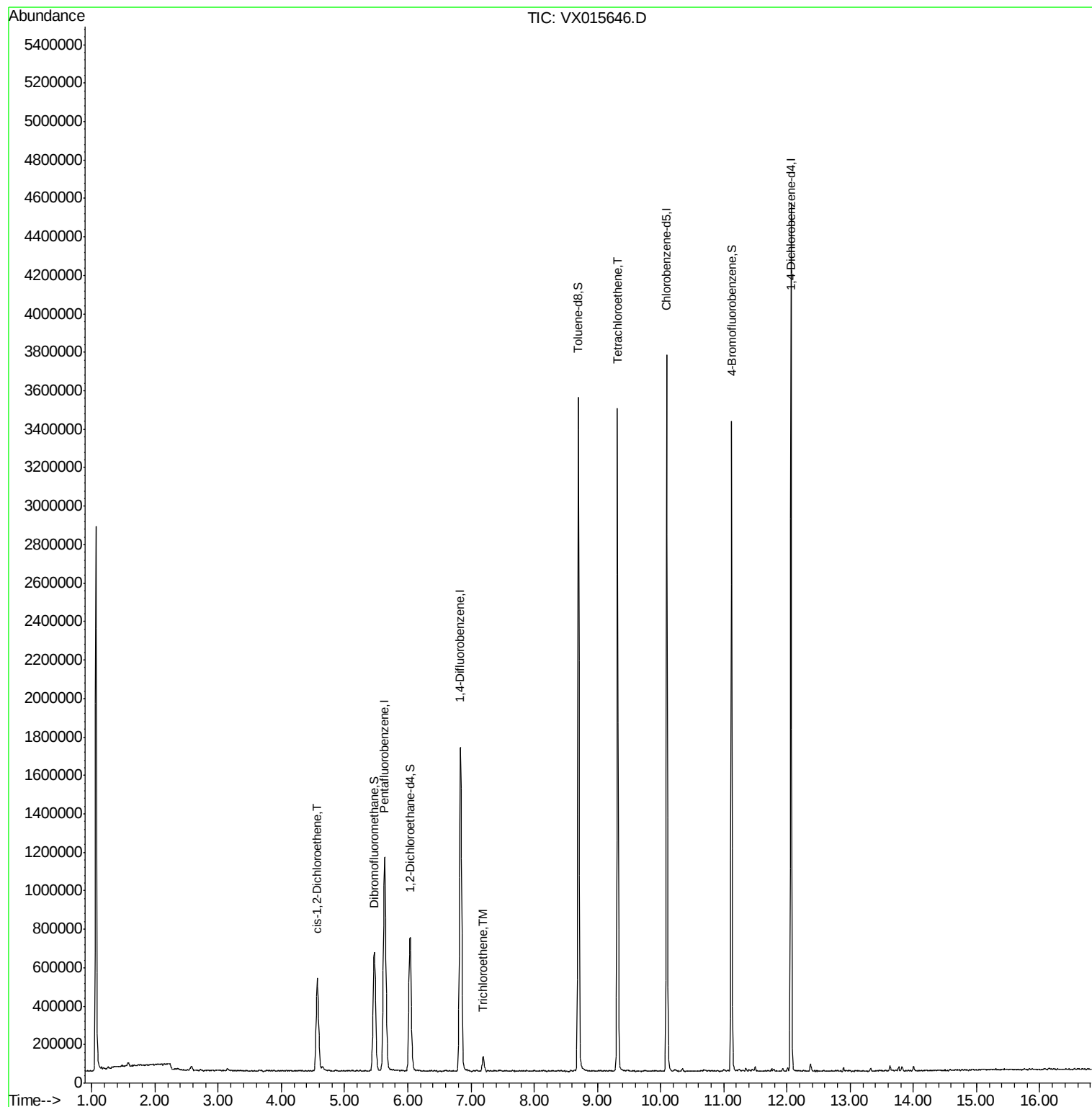
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1121051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1729458	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1652137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	905979	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	691710	43.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.50%	
35) Dibromofluoromethane	5.47	113	520753	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
50) Toluene-d8	8.70	98	2075204	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.12	95	863704	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.57	96	298403	21.958	ug/l	90
44) Trichloroethene	7.20	130	31803	2.498	ug/l	89
64) Tetrachloroethene	9.32	164	699925	56.137	ug/l	96

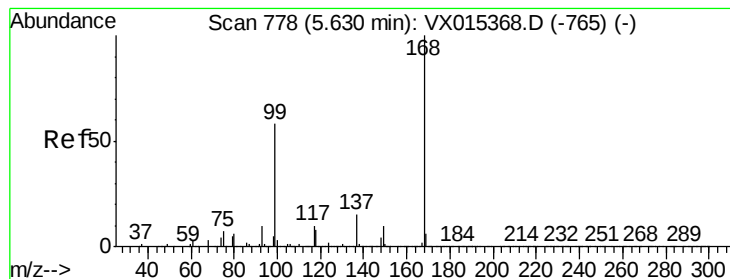
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

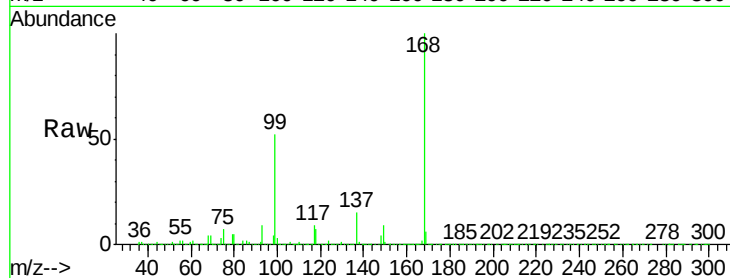
ST008MW167-200406DL

Tot Ion:168 Resp: 1121051

Ion Ratio Lower Upper

168 100

99 52.2 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

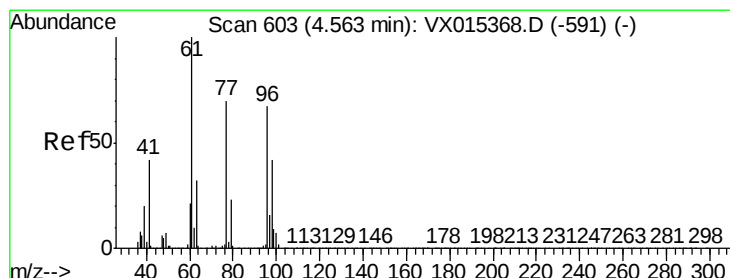
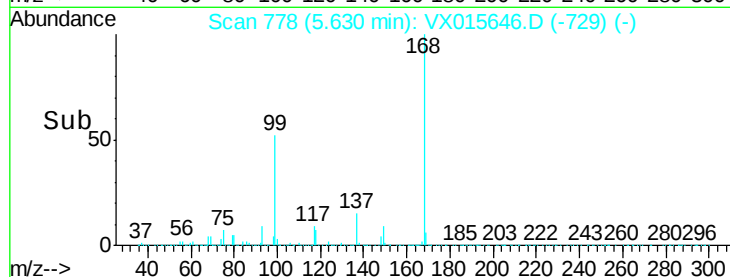
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 21.958 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

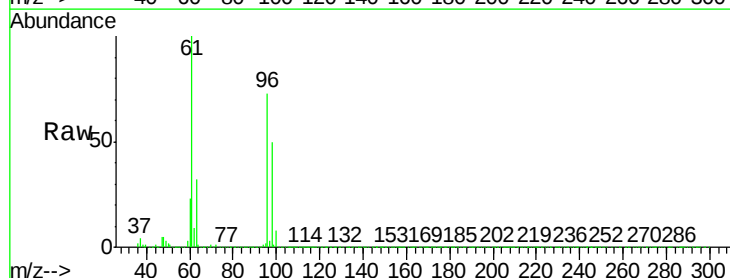
Tgt Ion: 96 Resp: 298403

Ion Ratio Lower Upper

96 100

61 136.8 0.0 308.4

98 66.3 0.0 129.2



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

200000

150000

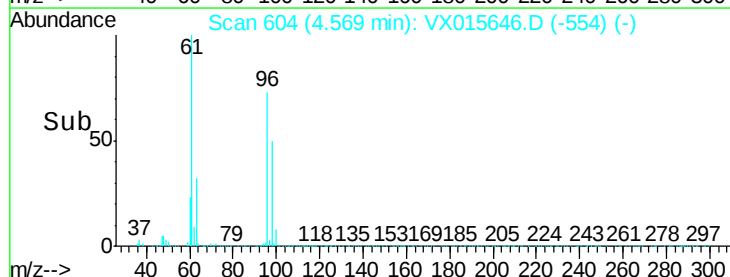
100000

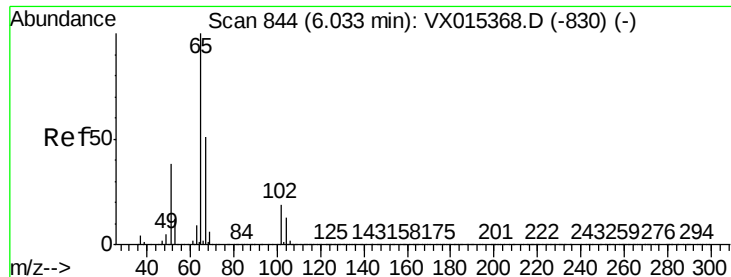
50000

0

Time-->

4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 43.748 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

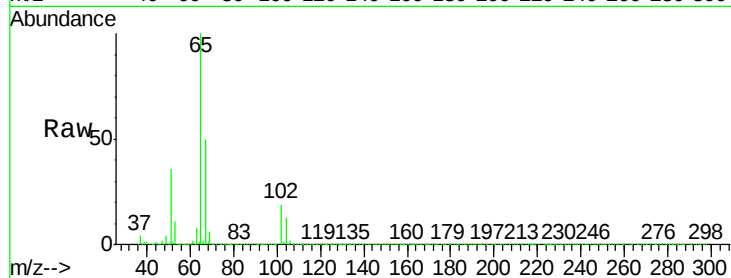
ST008MW167-200406DL

Tot Ion: 65 Resp: 691710

Ion Ratio Lower Upper

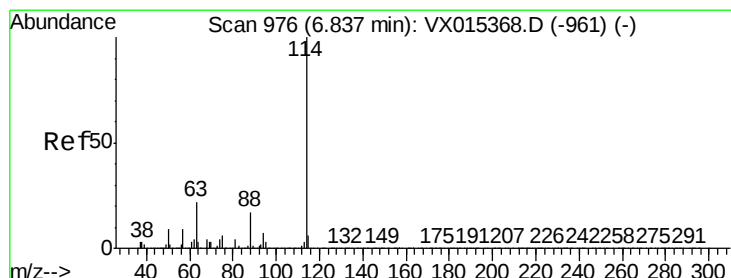
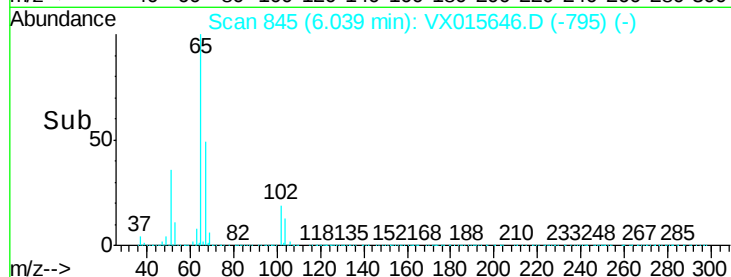
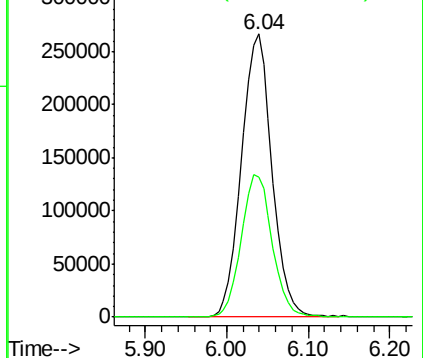
65 100

67 51.1 0.0 102.6



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: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

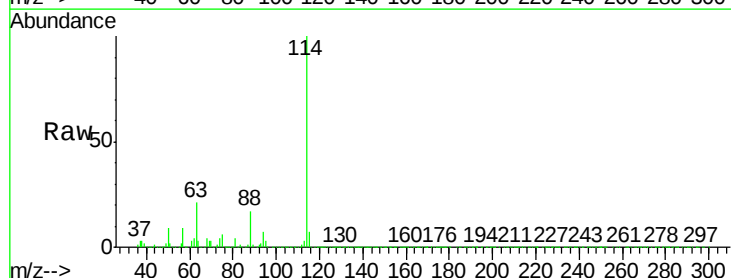
Tgt Ion: 114 Resp: 1729458

Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.2

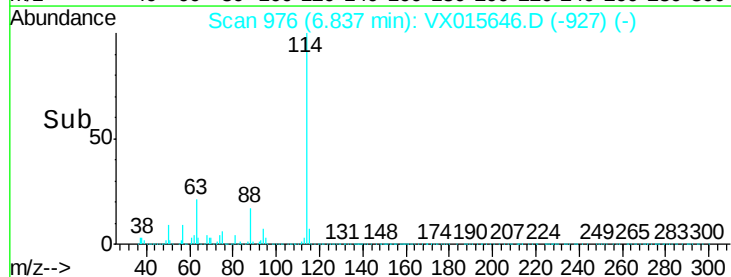
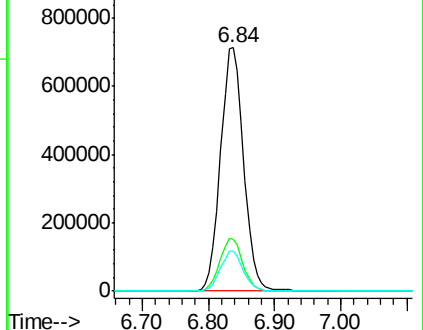
88 16.6 0.0 33.8

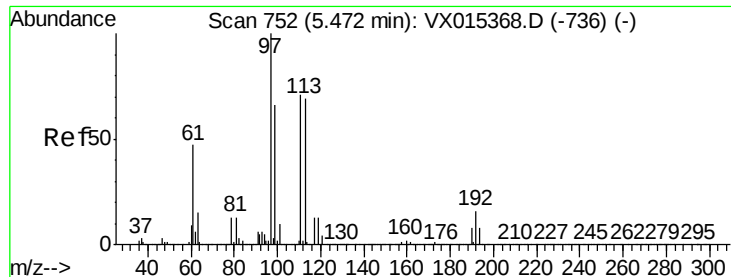


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

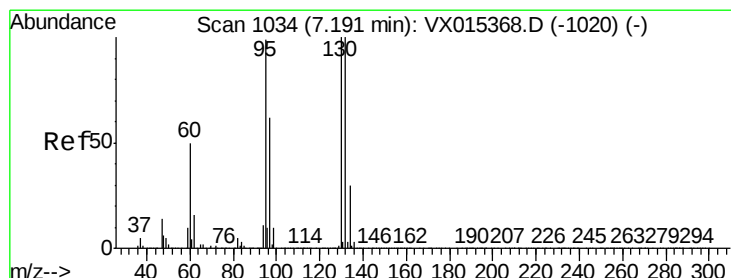
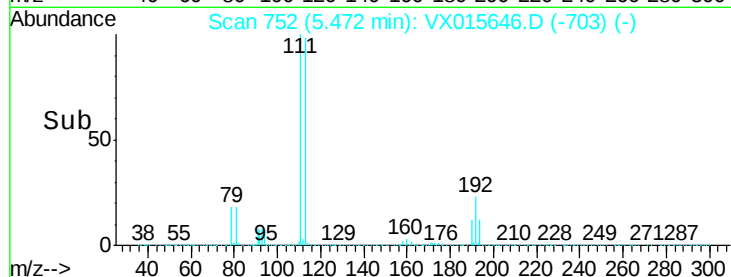
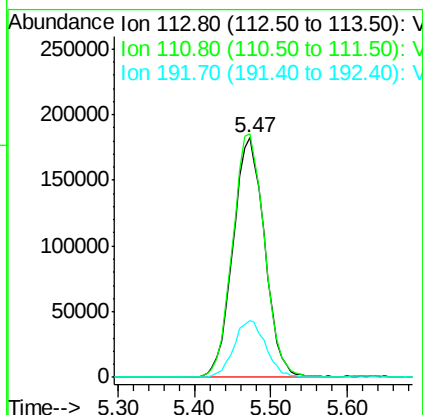
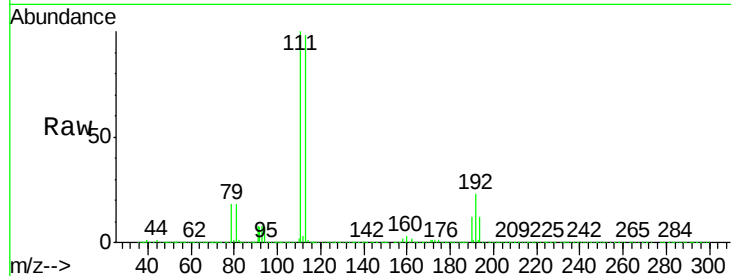




#35
 Dibromofluoromethane
 Concen: 47.105 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015646.D
 Acq: 13 Apr 2020 16:49

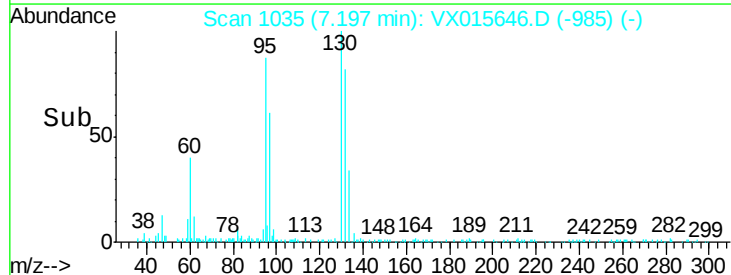
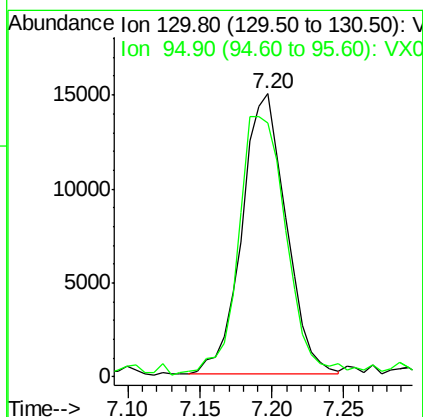
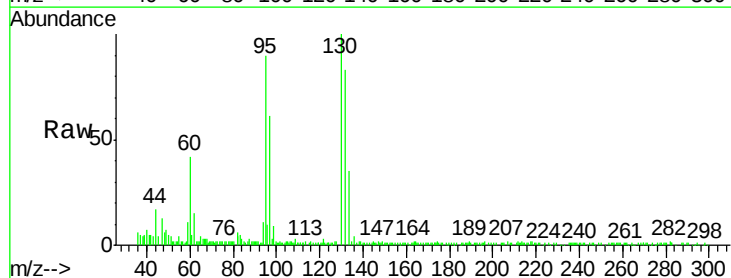
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW167-200406DL

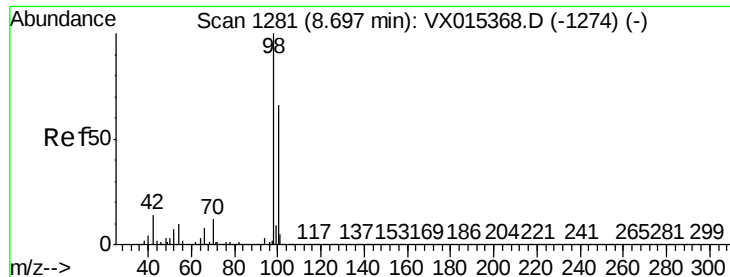
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.5	122.3
192	24.1	17.8	26.6



#44
 Trichloroethene
 Concen: 2.498 ug/l
 RT: 7.20 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: VX015646.D
 Acq: 13 Apr 2020 16:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.4	0.0	199.0





#50

Toluene-d8

Concen: 50.985 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

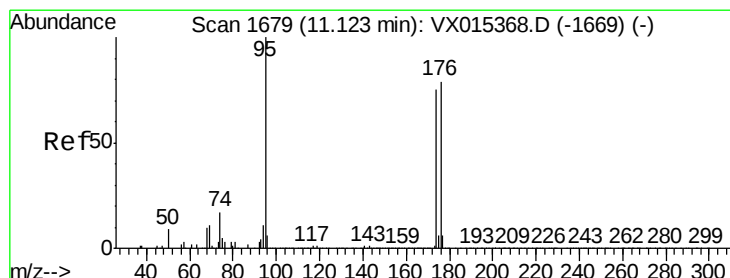
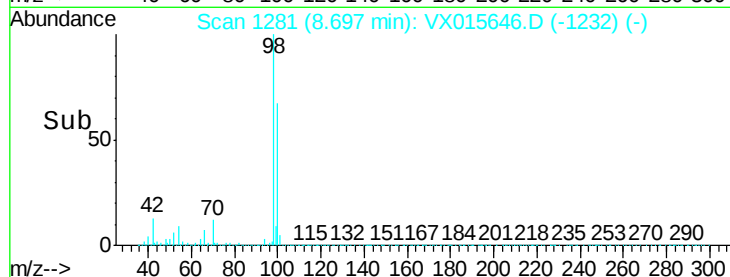
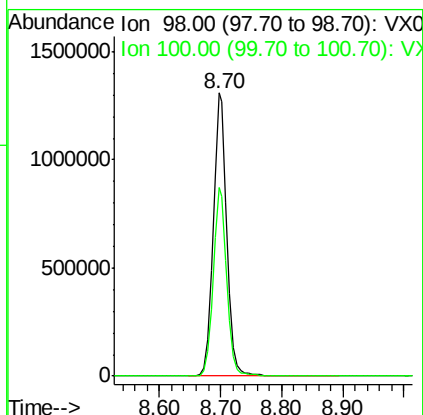
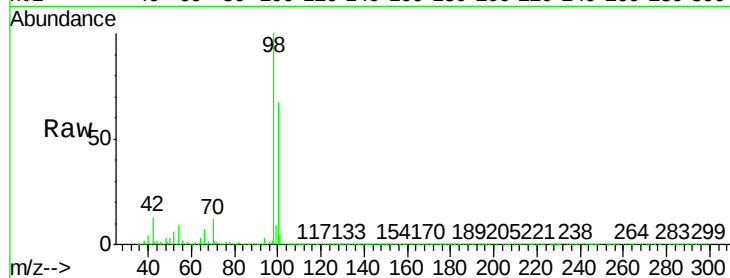
ST008MW167-200406DL

Tot Ion: 98 Resp: 2075204

Ion Ratio Lower Upper

98 100

100 66.7 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 52.215 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

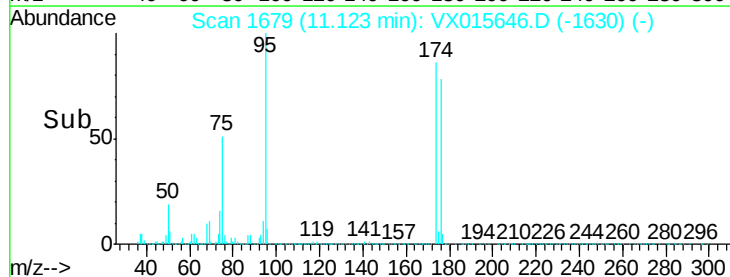
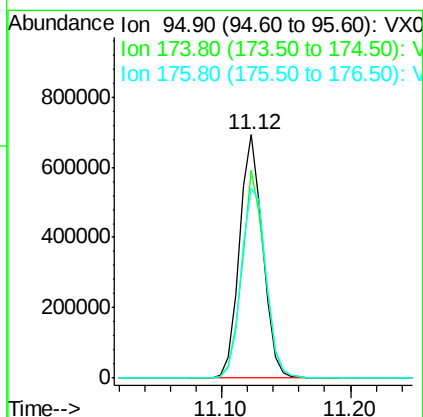
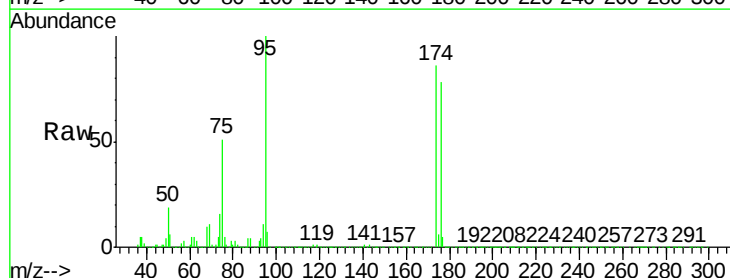
Tgt Ion: 95 Resp: 863704

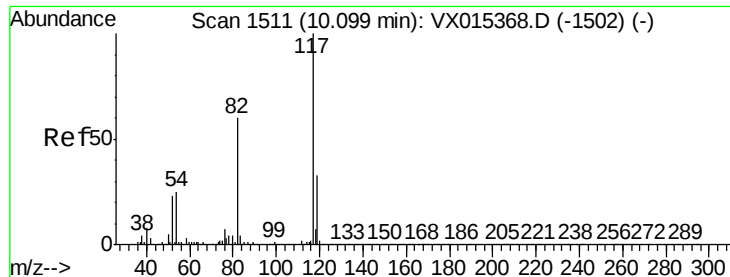
Ion Ratio Lower Upper

95 100

174 83.1 0.0 158.6

176 83.0 0.0 159.0

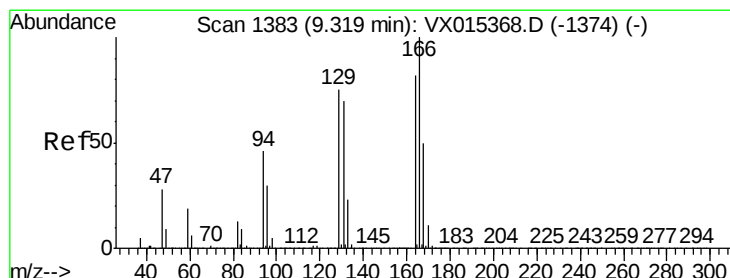
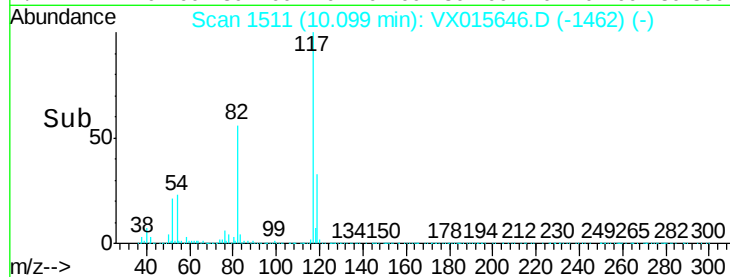
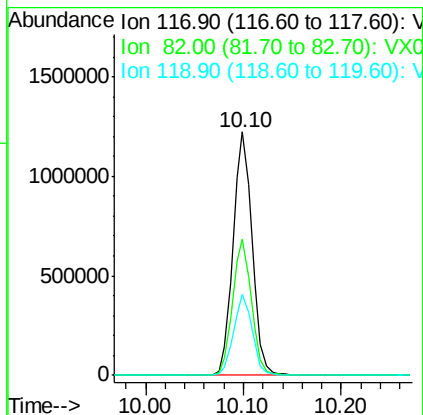
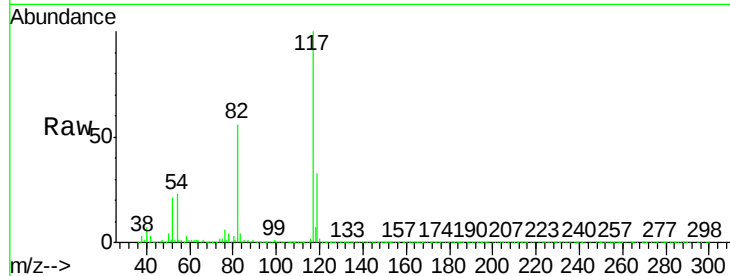




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015646.D
Acq: 13 Apr 2020 16:49

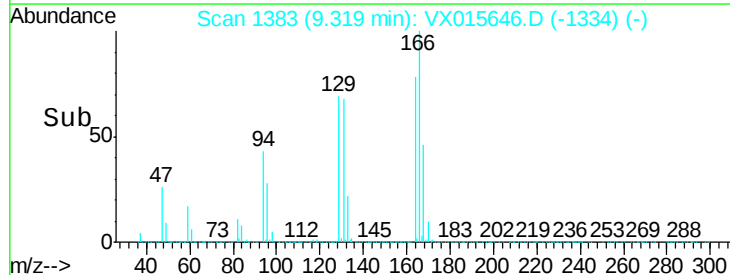
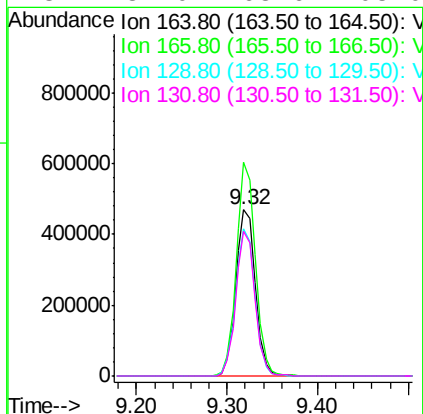
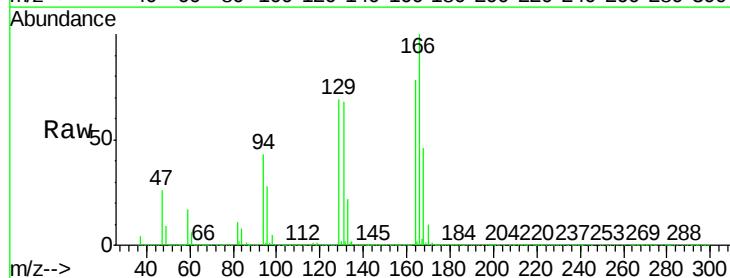
Instrument :
MSVOA_X
ClientSampleId :
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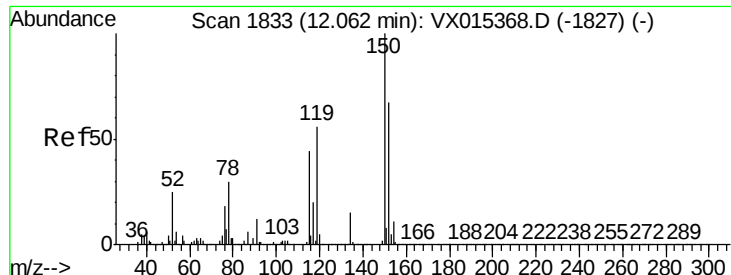
Tot Ion:117 Resp: 1652137
Ion Ratio Lower Upper
117 100
82 55.9 47.8 71.8
119 33.0 26.8 40.2



#64
Tetrachloroethene
Concen: 56.137 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015646.D
Acq: 13 Apr 2020 16:49

Tgt Ion:164 Resp: 699925
Ion Ratio Lower Upper
164 100
166 128.6 97.8 146.6
129 88.3 73.0 109.4
131 87.0 68.6 103.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

ST008MW167-200406DL

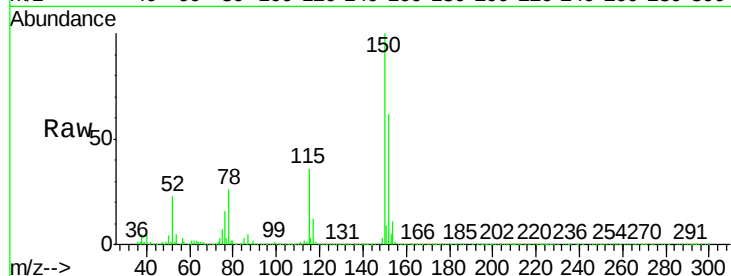
Tot Ion:152 Resp: 905979

Ion Ratio Lower Upper

152 100

115 56.7 39.0 116.9

150 152.4 0.0 340.8



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

