

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041620\
 Data File : VX015723.D
 Acq On : 16 Apr 2020 19:24
 Operator : JC/SP
 Sample : L2294-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW130-200413

Quant Time: Apr 17 08:44:43 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

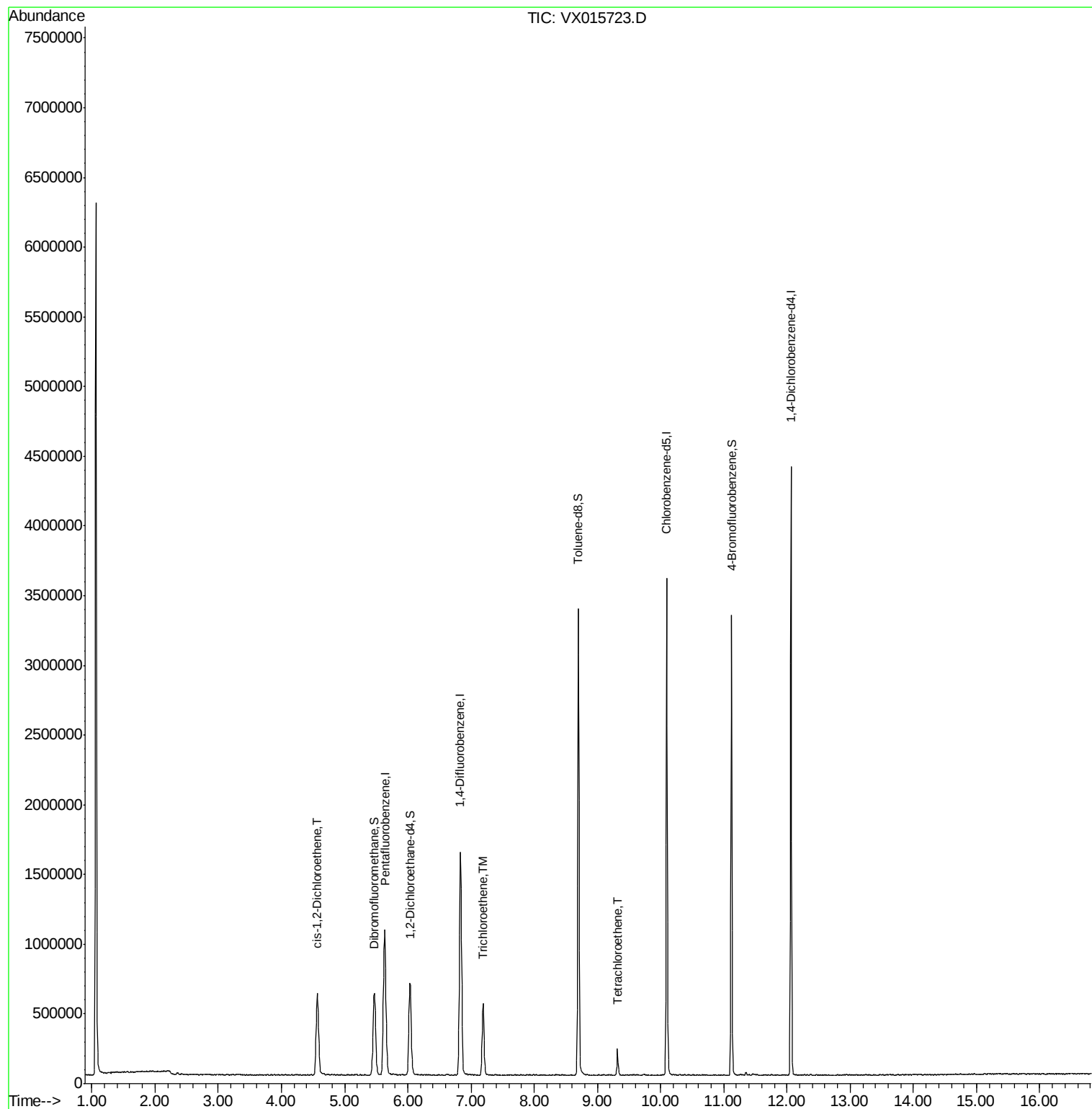
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1059506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1654046	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1603930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	899778	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	646227	43.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.50%	
35) Dibromofluoromethane	5.47	113	503248	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
50) Toluene-d8	8.70	98	1981564	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	11.12	95	826585	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.57	96	374074	29.125	ug/l	88
44) Trichloroethene	7.19	130	204022	16.757	ug/l	97
64) Tetrachloroethene	9.32	164	38955	3.218	ug/l	96

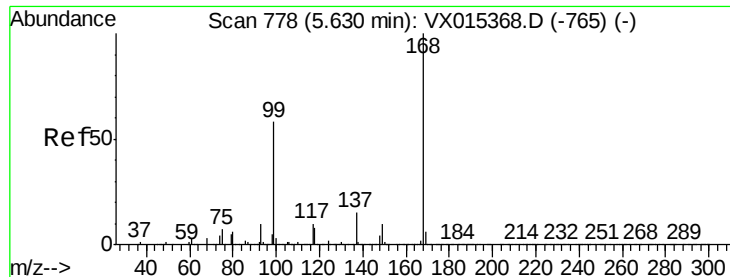
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

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Acq: 16 Apr 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

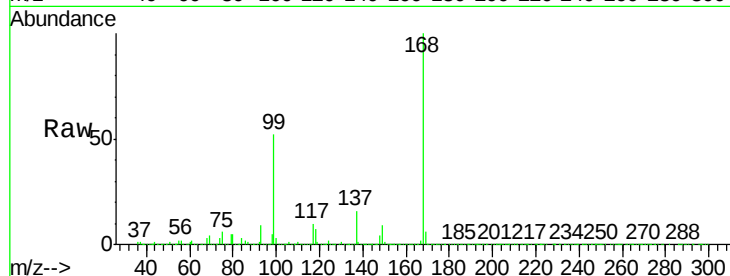
SS042MW130-200413

Tot Ion:168 Resp: 1059506

Ion Ratio Lower Upper

168 100

99 51.6 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

200000

100000

0

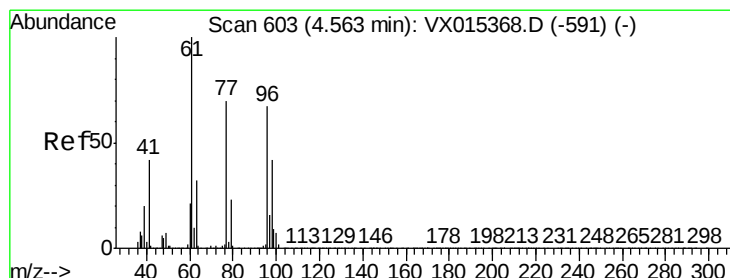
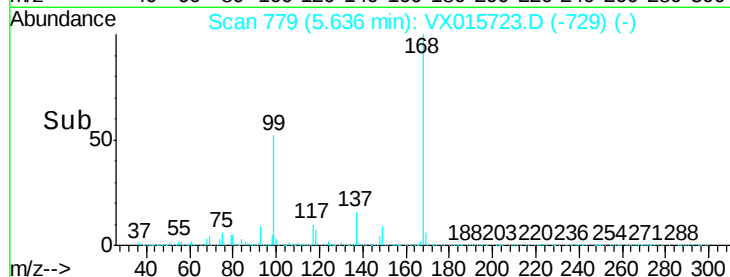
Time-->

5.50

5.60

5.70

5.80



#27

cis-1,2-Dichloroethene

Concen: 29.125 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX015723.D

Acq: 16 Apr 2020 19:24

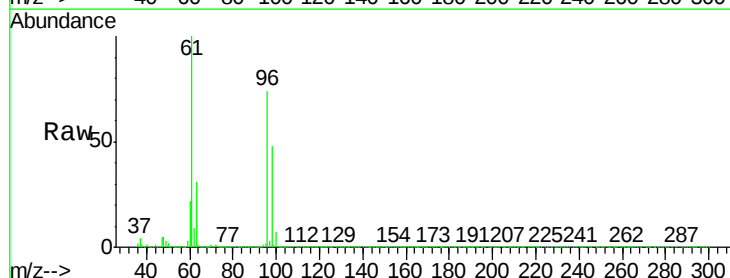
Tgt Ion: 96 Resp: 374074

Ion Ratio Lower Upper

96 100

61 131.9 0.0 308.4

98 64.2 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

250000

200000

150000

100000

50000

0

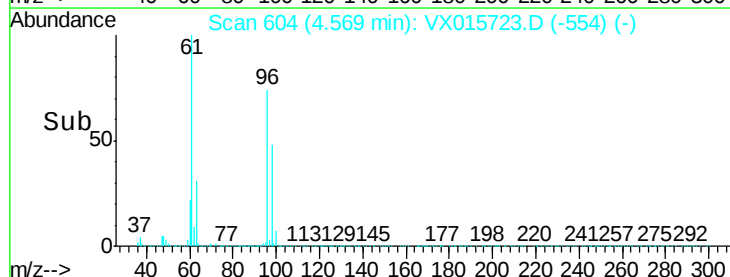
Time-->

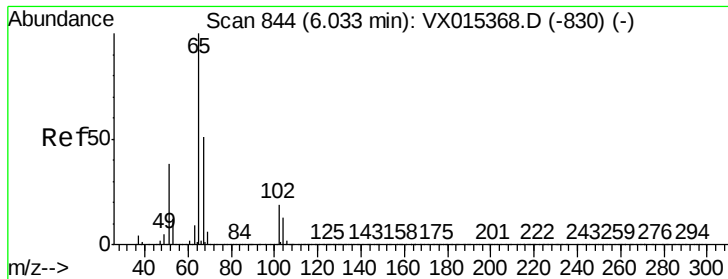
4.40

4.50

4.60

4.70





#33

1,2-Dichloroethane-d4

Concen: 43.246 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015723.D

Acq: 16 Apr 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

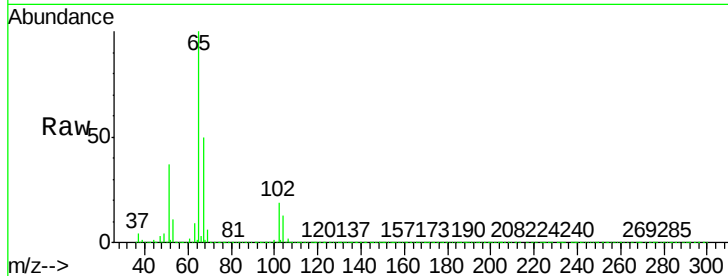
SS042MW130-200413

Tot Ion: 65 Resp: 646227

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

250000

200000

150000

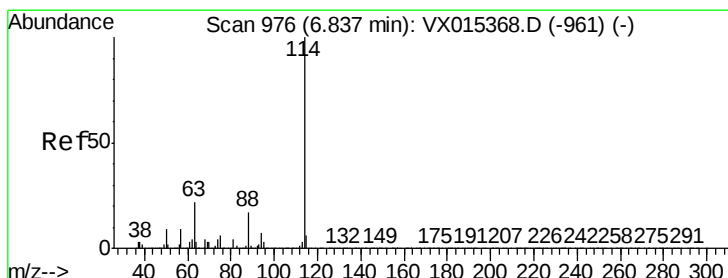
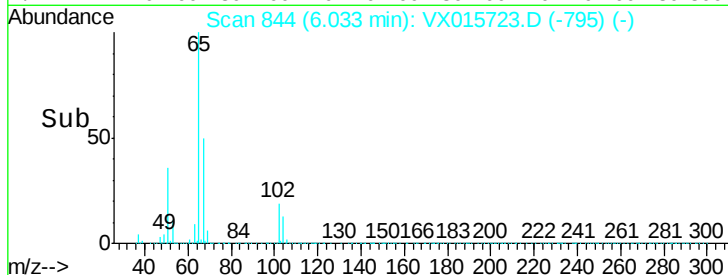
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015723.D

Acq: 16 Apr 2020 19:24

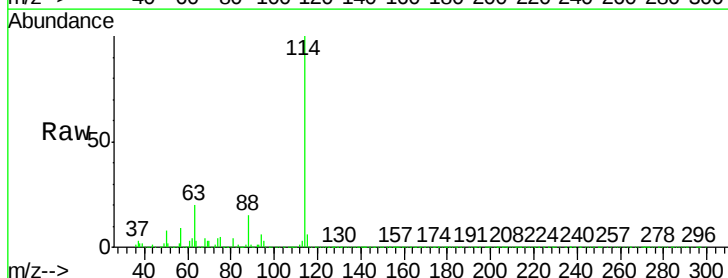
Tgt Ion: 114 Resp: 1654046

Ion Ratio Lower Upper

114 100

63 20.0 0.0 44.2

88 14.8 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

6.84

800000

600000

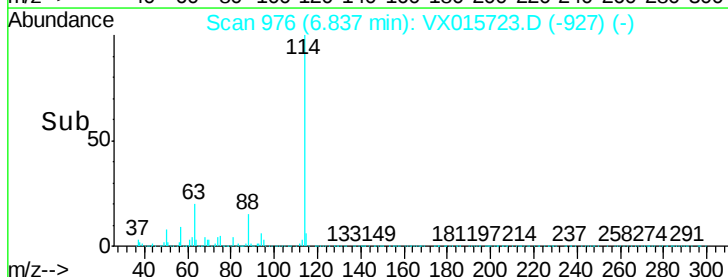
400000

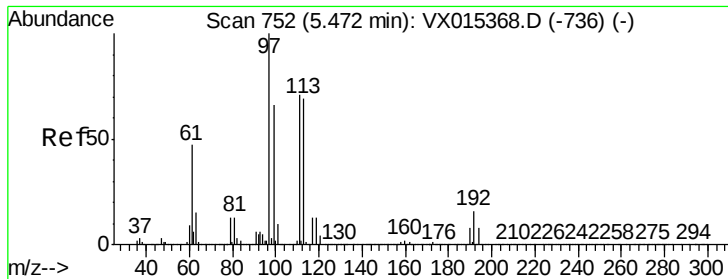
200000

0

Time-->

6.70 6.80 6.90 7.00

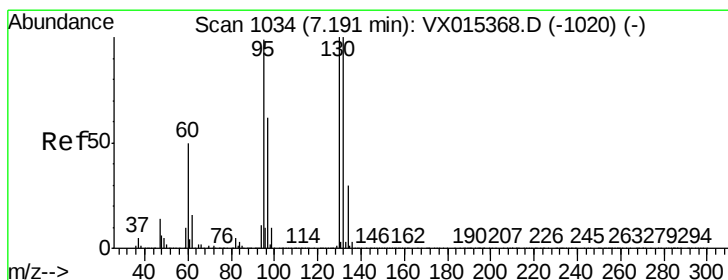
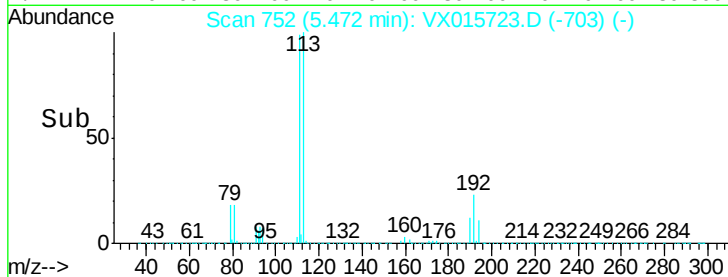
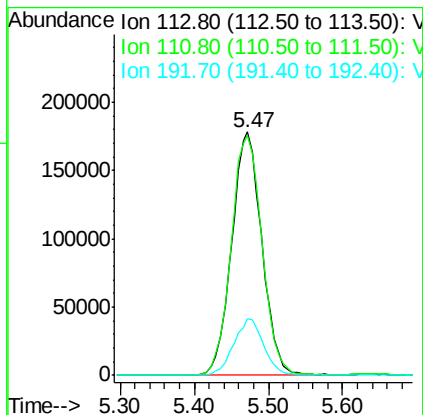
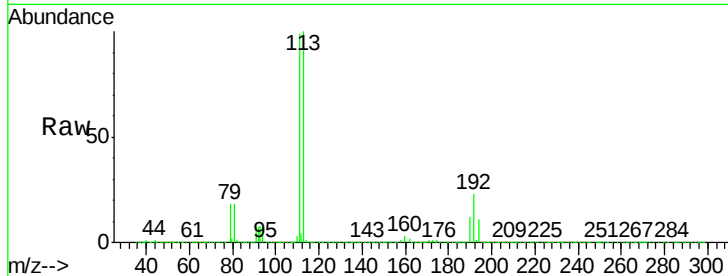




#35
Dibromofluoromethane
Concen: 47.597 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015723.D
Acq: 16 Apr 2020 19:24

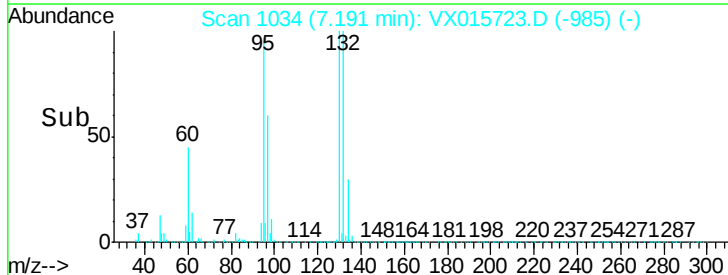
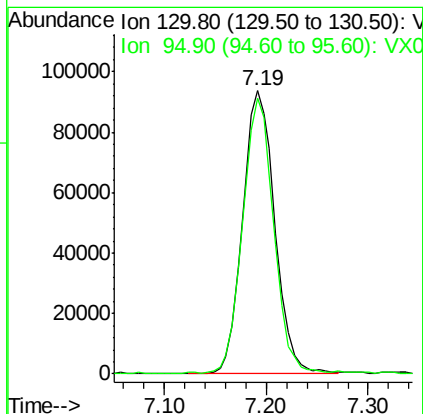
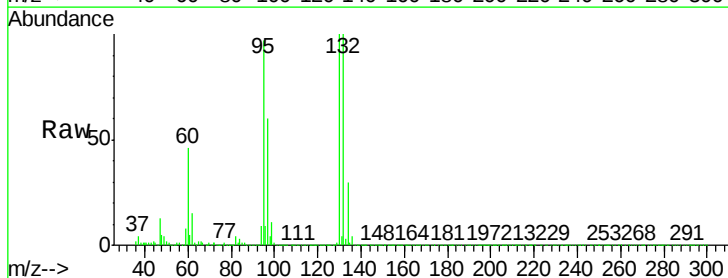
Instrument :
MSVOA_X
ClientSampleId :
SS042MW130-200413

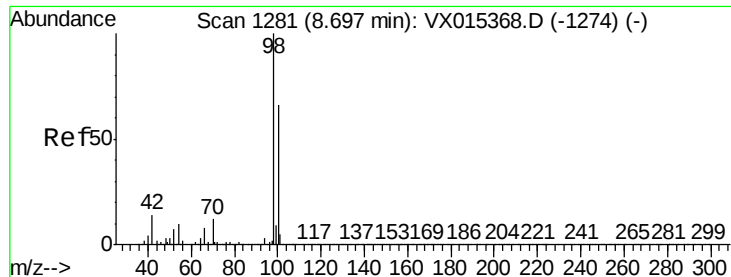
Tot Ion:113 Resp: 503248
Ion Ratio Lower Upper
113 100
111 101.3 81.5 122.3
192 23.3 17.8 26.6



#44
Trichloroethene
Concen: 16.757 ug/l
RT: 7.19 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX015723.D
Acq: 16 Apr 2020 19:24

Tgt Ion:130 Resp: 204022
Ion Ratio Lower Upper
130 100
95 97.0 0.0 199.0

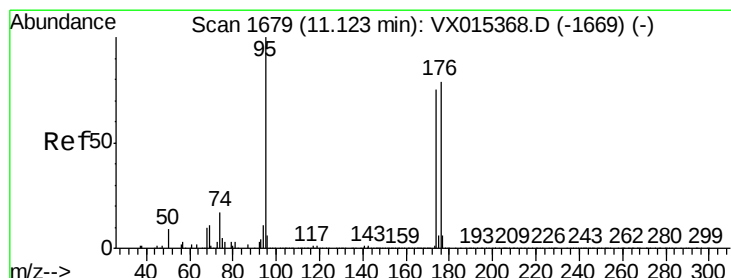
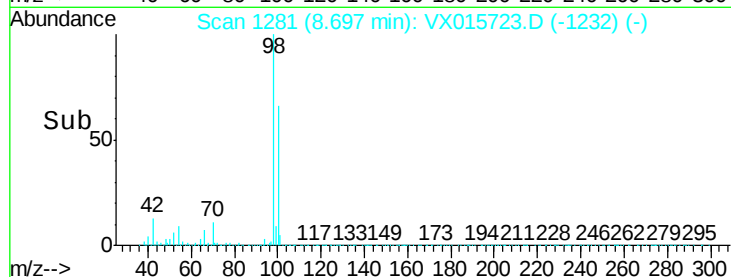
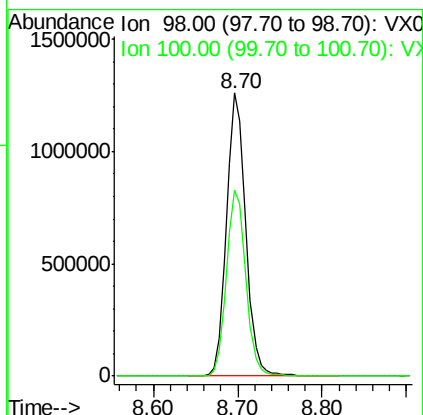
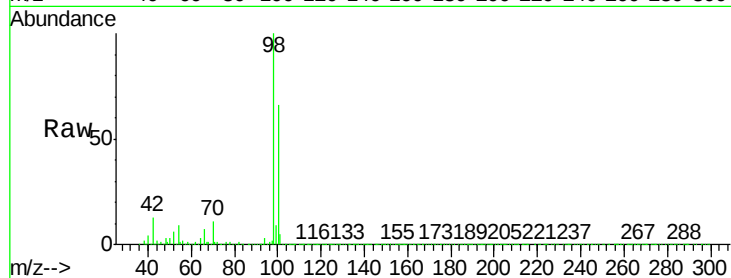




#50
Toluene-d8
Concen: 50.904 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015723.D
Acq: 16 Apr 2020 19:24

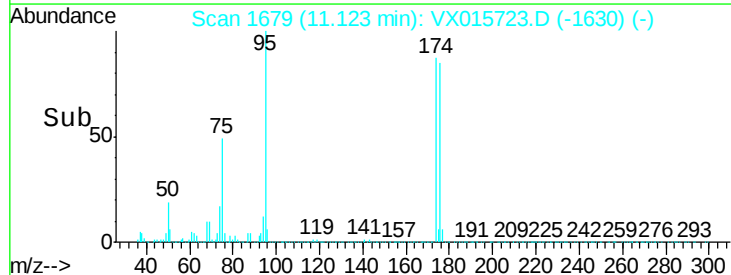
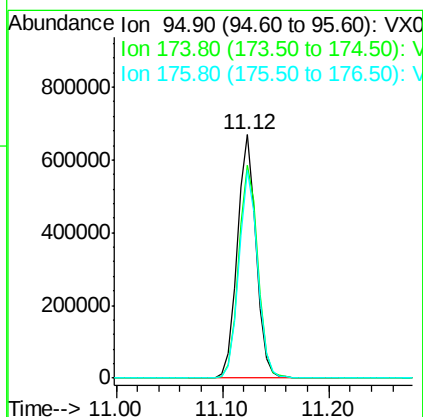
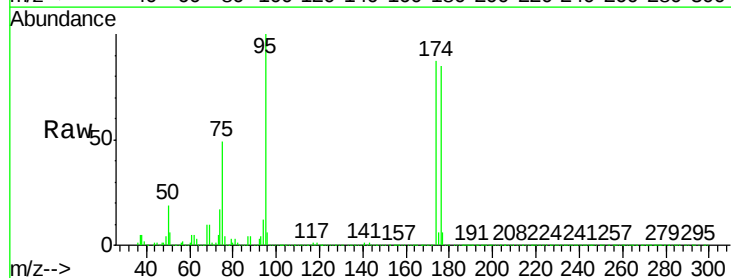
Instrument :
MSVOA_X
ClientSampleId :
SS042MW130-200413

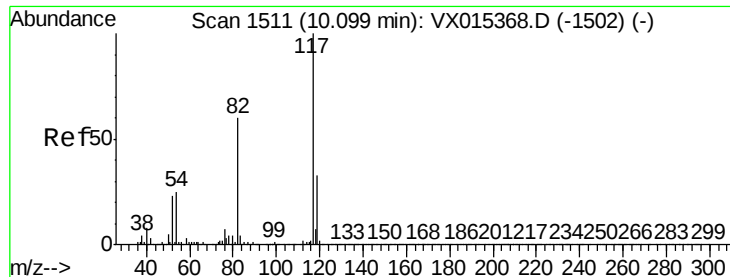
Tot Ion: 98 Resp: 1981564
Ion Ratio Lower Upper
98 100
100 66.4 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 52.249 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015723.D
Acq: 16 Apr 2020 19:24

Tgt Ion: 95 Resp: 826585
Ion Ratio Lower Upper
95 100
174 90.0 0.0 158.6
176 85.6 0.0 159.0

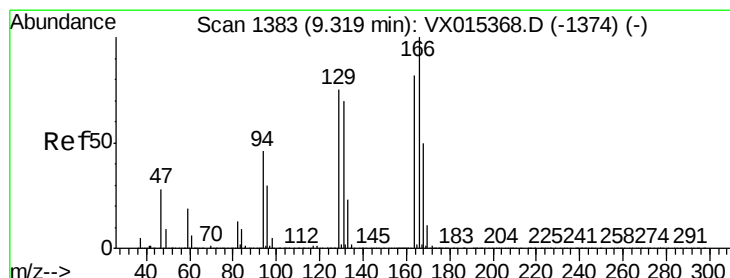
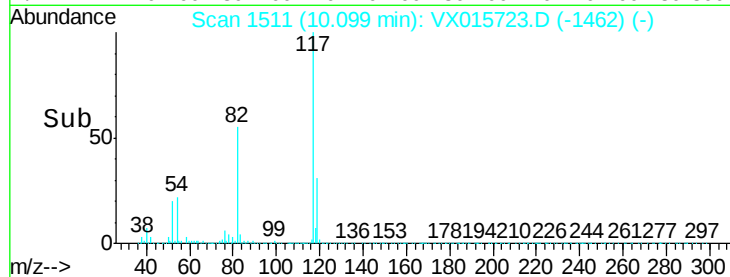
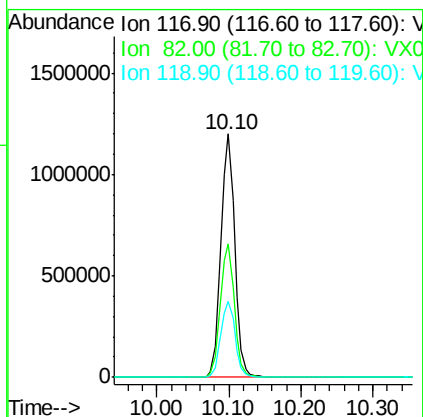
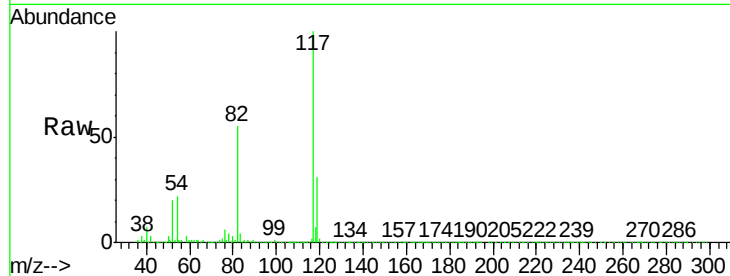




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015723.D
Acq: 16 Apr 2020 19:24

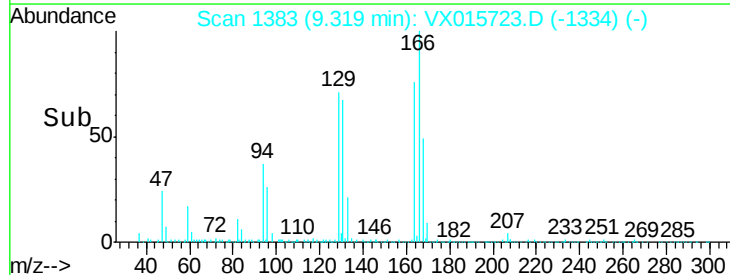
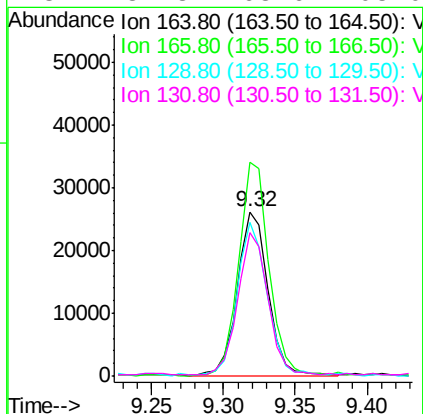
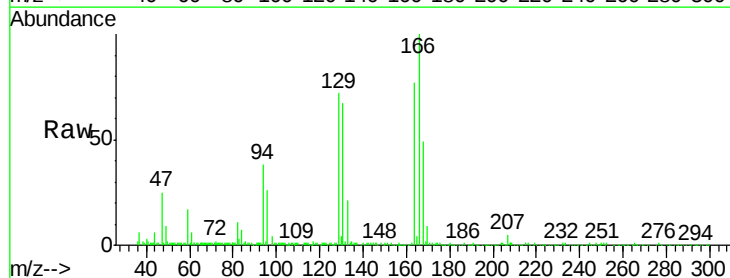
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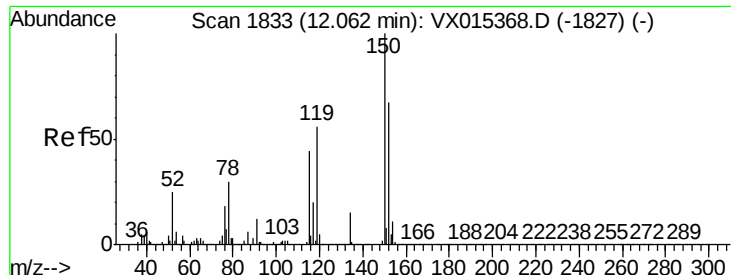
Tot Ion:117 Resp: 1603930
Ion Ratio Lower Upper
117 100
82 54.7 47.8 71.8
119 31.1 26.8 40.2



#64
Tetrachloroethene
Concen: 3.218 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015723.D
Acq: 16 Apr 2020 19:24

Tgt Ion:164 Resp: 38955
Ion Ratio Lower Upper
164 100
166 130.8 97.8 146.6
129 93.2 73.0 109.4
131 87.3 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: VX015723.D

Acq: 16 Apr 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

SS042MW130-200413

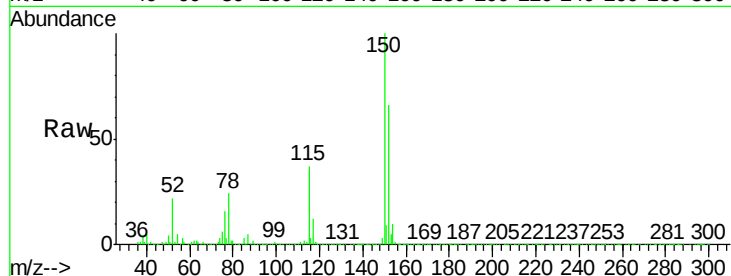
Tot Ion:152 Resp: 899778

Ion Ratio Lower Upper

152 100

115 56.3 39.0 116.9

150 155.0 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

