

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041620\
 Data File : VX015710.D
 Acq On : 16 Apr 2020 14:30
 Operator : JC/SP
 Sample : L2293-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200413

Quant Time: Apr 17 07:54:44 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

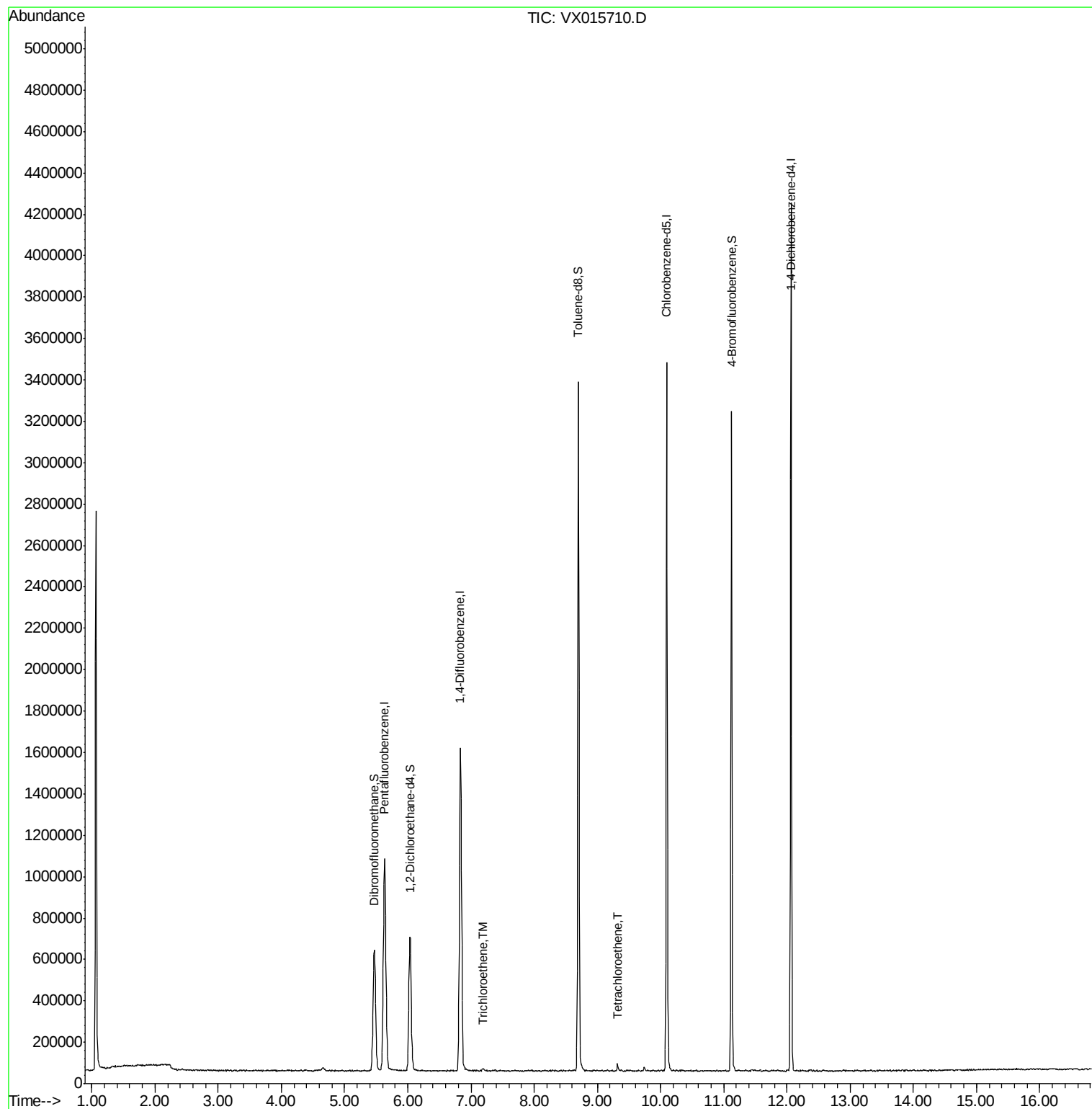
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1078941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1605721	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1557608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	847956	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	629416	41.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.72%	
35) Dibromofluoromethane	5.47	113	487785	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
50) Toluene-d8	8.70	98	1918345	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.12	95	818038	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
Target Compounds						
44) Trichloroethene	7.20	130	5279	0.447	ug/l	95
64) Tetrachloroethene	9.32	164	7410	0.630	ug/l #	81

(#) = 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

Lab File: VX015710.D

Acq: 16 Apr 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

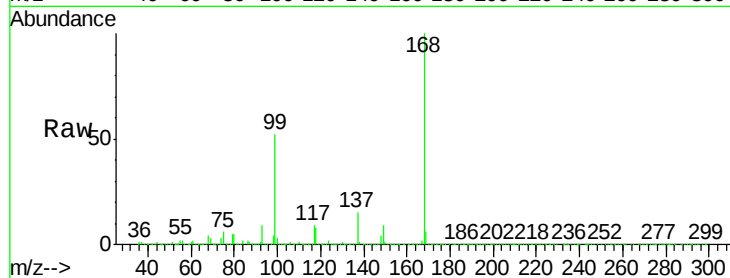
TB-01-200413

Tot Ion:168 Resp: 1078941

Ion Ratio Lower Upper

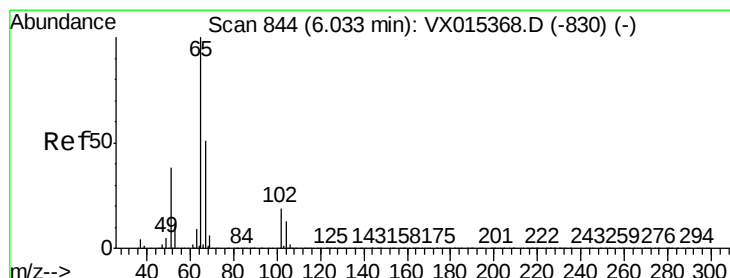
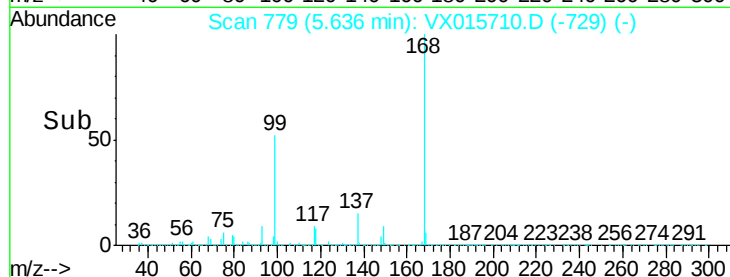
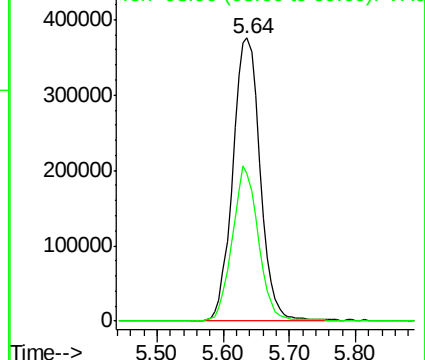
168 100

99 51.9 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 41.362 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015710.D

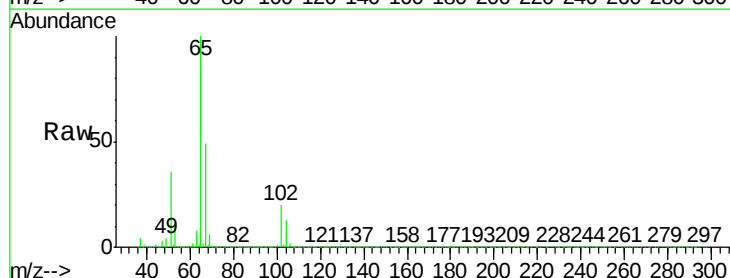
Acq: 16 Apr 2020 14:30

Tgt Ion: 65 Resp: 629416

Ion Ratio Lower Upper

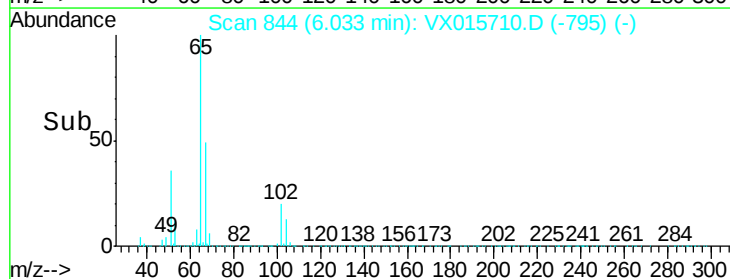
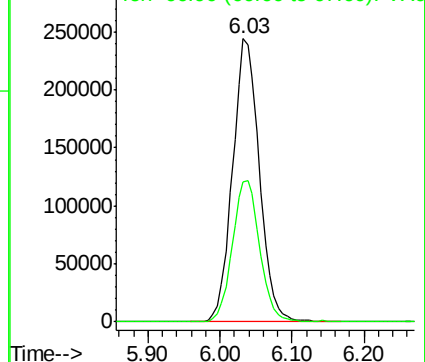
65 100

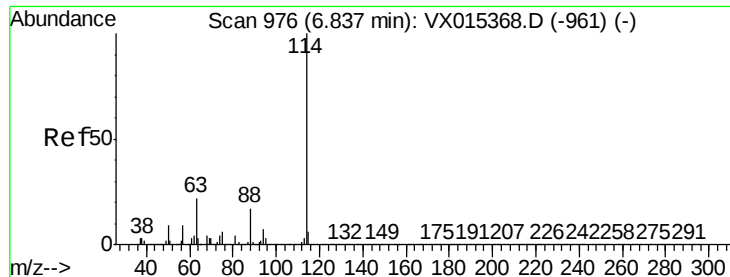
67 51.1 0.0 102.6



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: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015710.D

Acq: 16 Apr 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200413

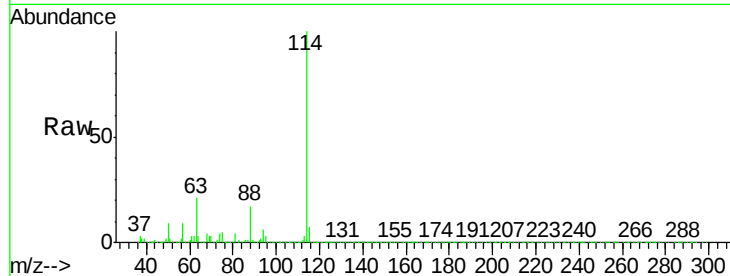
Tot Ion:114 Resp: 1605721

Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.2

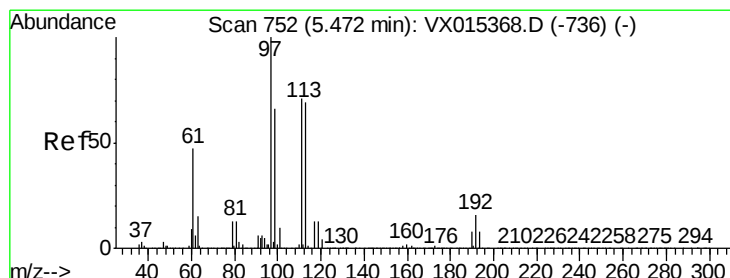
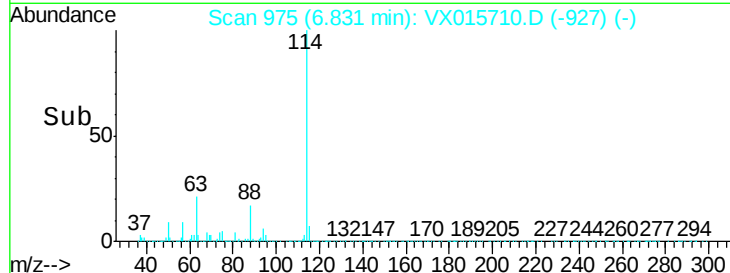
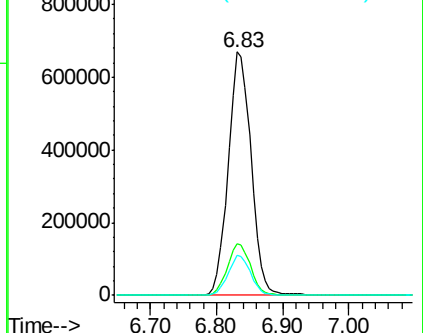
88 16.6 0.0 33.8



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: 47.523 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015710.D

Acq: 16 Apr 2020 14:30

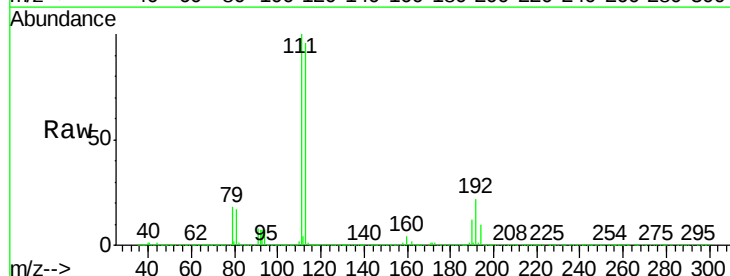
Tgt Ion:113 Resp: 487785

Ion Ratio Lower Upper

113 100

111 104.5 81.5 122.3

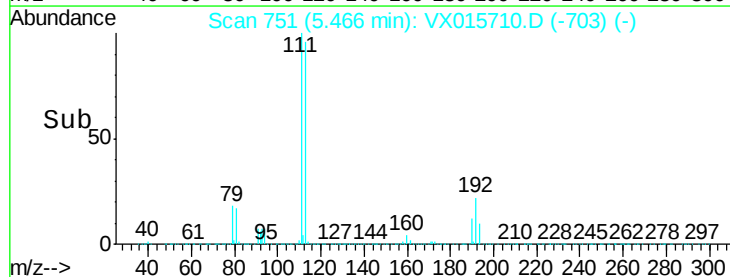
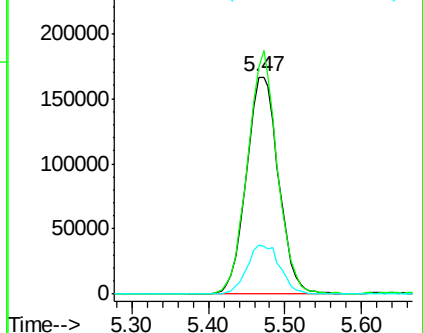
192 23.3 17.8 26.6

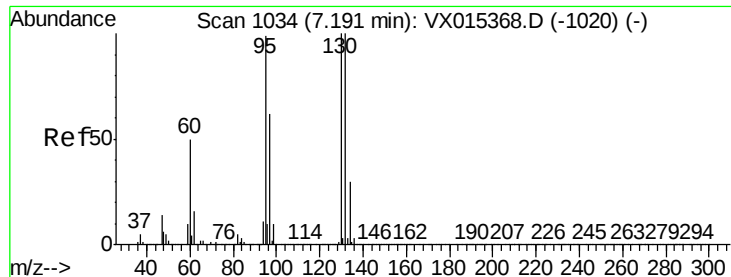


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.447 ug/l

RT: 7.20 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX015710.D

Acq: 16 Apr 2020 14:30

Instrument :

MSVOA_X

ClientSampleId :

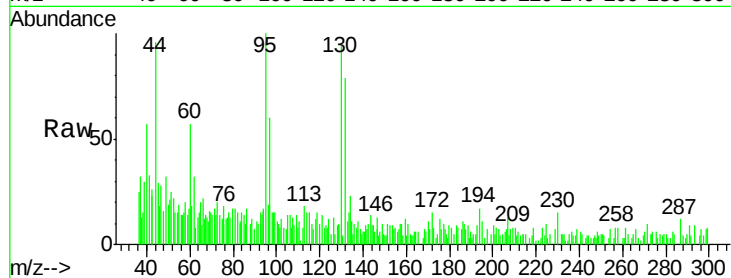
TB-01-200413

Tot Ion:130 Resp: 5279

Ion Ratio Lower Upper

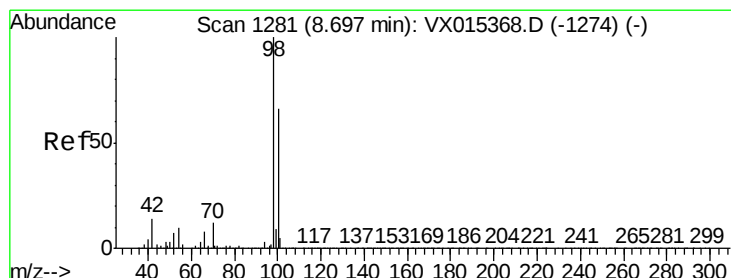
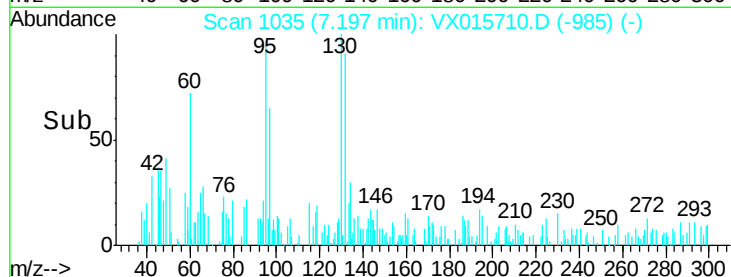
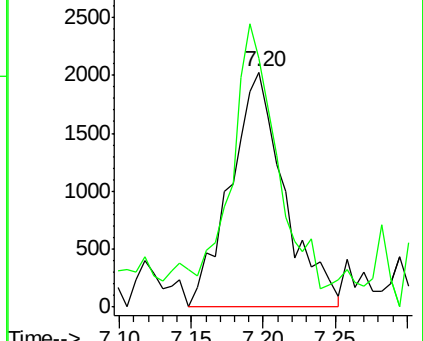
130 100

95 94.2 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.763 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015710.D

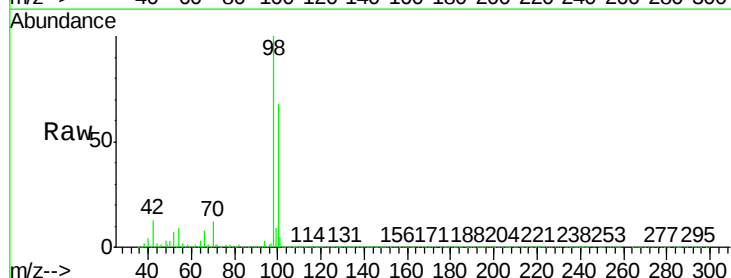
Acq: 16 Apr 2020 14:30

Tgt Ion: 98 Resp: 1918345

Ion Ratio Lower Upper

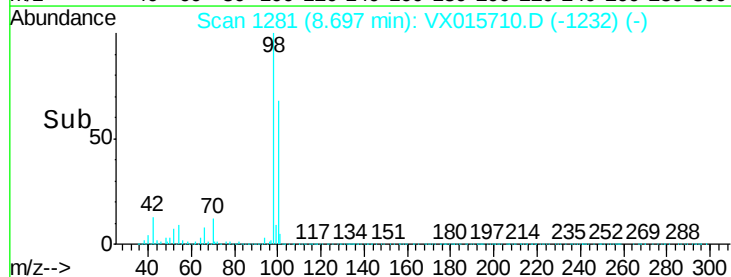
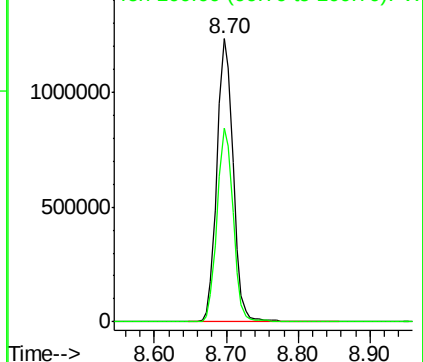
98 100

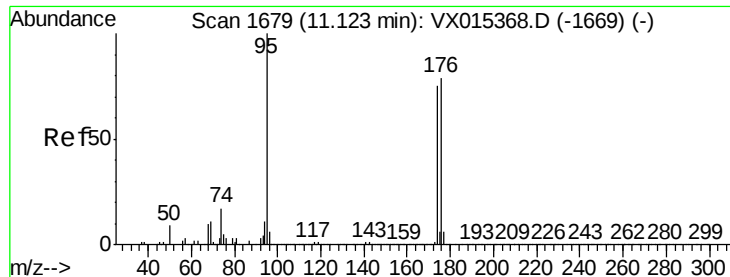
100 68.2 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

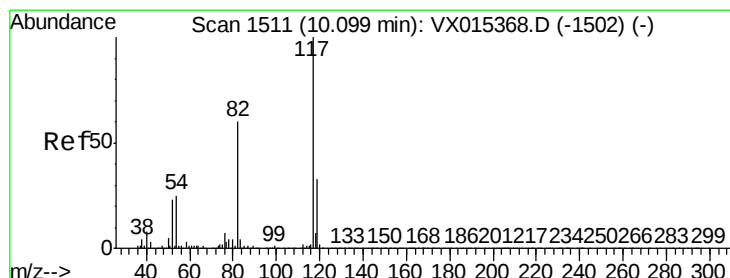
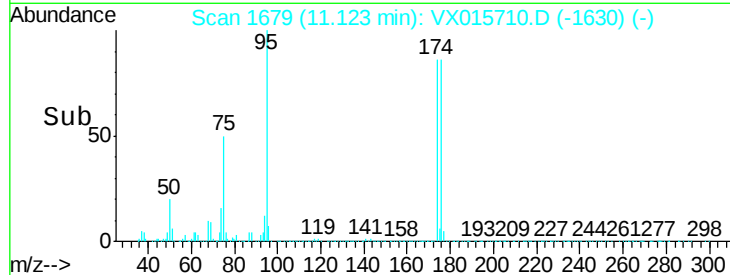
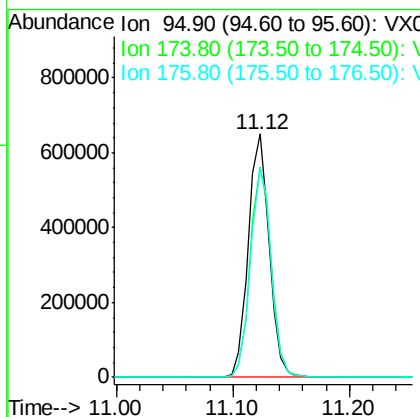
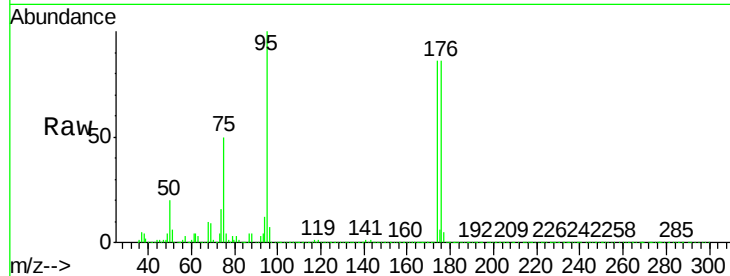




#62
4-Bromofluorobenzene
Concen: 53.265 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015710.D
Acq: 16 Apr 2020 14:30

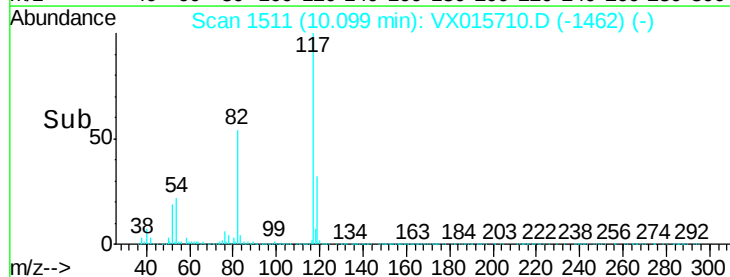
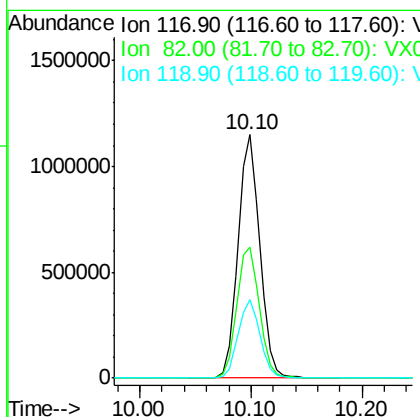
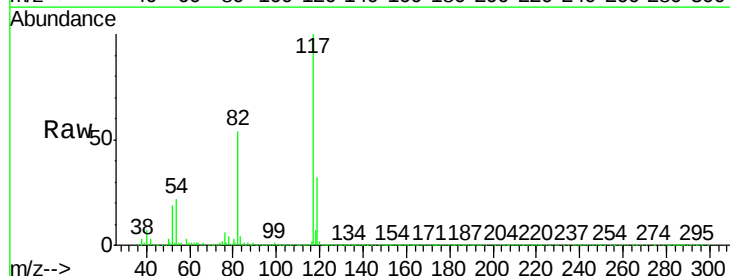
Instrument :
MSVOA_X
ClientSampleId :
TB-01-200413

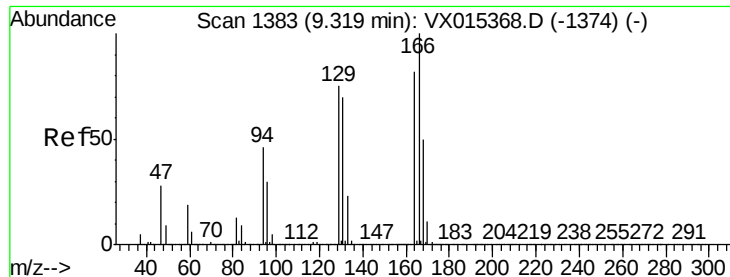
Tot Ion: 95 Resp: 818038
Ion Ratio Lower Upper
95 100
174 87.1 0.0 158.6
176 85.4 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015710.D
Acq: 16 Apr 2020 14:30

Tgt Ion: 117 Resp: 1557608
Ion Ratio Lower Upper
117 100
82 54.0 47.8 71.8
119 32.3 26.8 40.2





#64

Tetrachloroethene

Concen: 0.630 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015710.D

Acq: 16 Apr 2020 14:30

Instrument :

MSVOA_X

ClientSampled :

TB-01-200413

Tot Ion:164 Resp: 7410

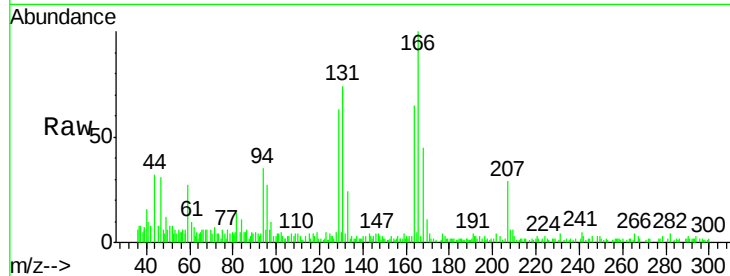
Ion Ratio Lower Upper

164 100

166 149.5 97.8 146.6#

129 93.2 73.0 109.4

131 111.3 68.6 103.0#

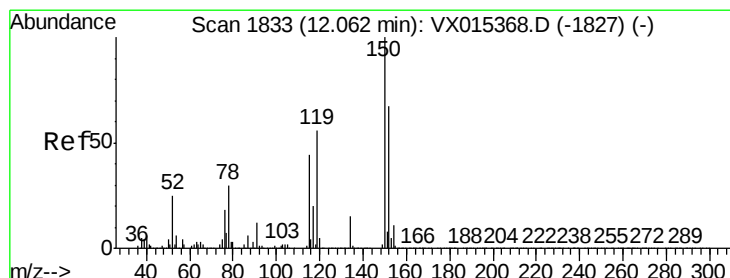
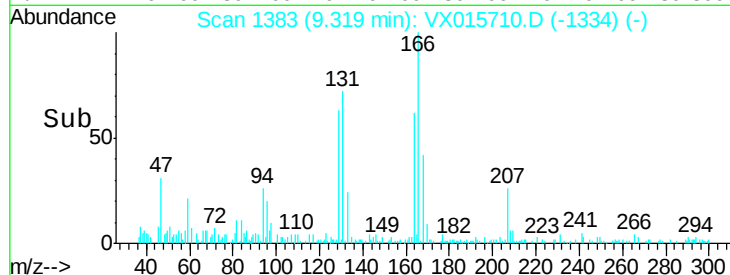
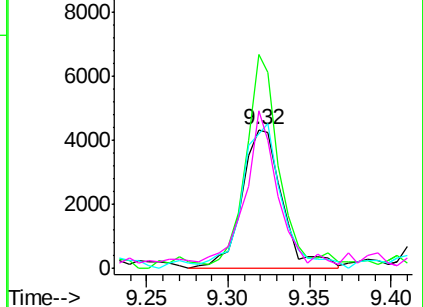


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015710.D

Acq: 16 Apr 2020 14:30

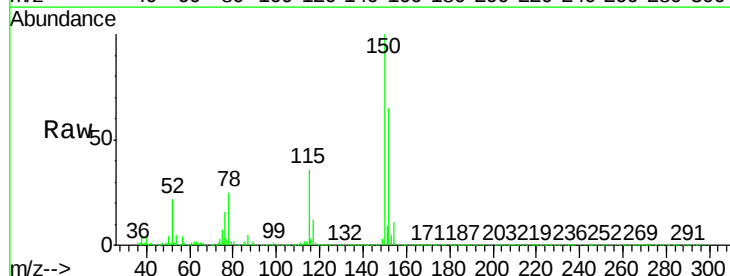
Tgt Ion:152 Resp: 847956

Ion Ratio Lower Upper

152 100

115 57.2 39.0 116.9

150 158.4 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

