

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062818\
 Data File : VD059465.D
 Acq On : 28 Jun 2018 16:24
 Operator : VA/AP
 Sample : J3629-07RE
 Misc : 5.81g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A0C10-02RE

Quant Time: Jun 29 01:52:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	504162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	687176	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	438136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	126063	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	332870	64.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.12%	
35) Dibromofluoromethane	5.55	113	339829	60.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.42%	
50) Toluene-d8	8.71	98	646225	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	11.94	95	196556	36.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.22%	

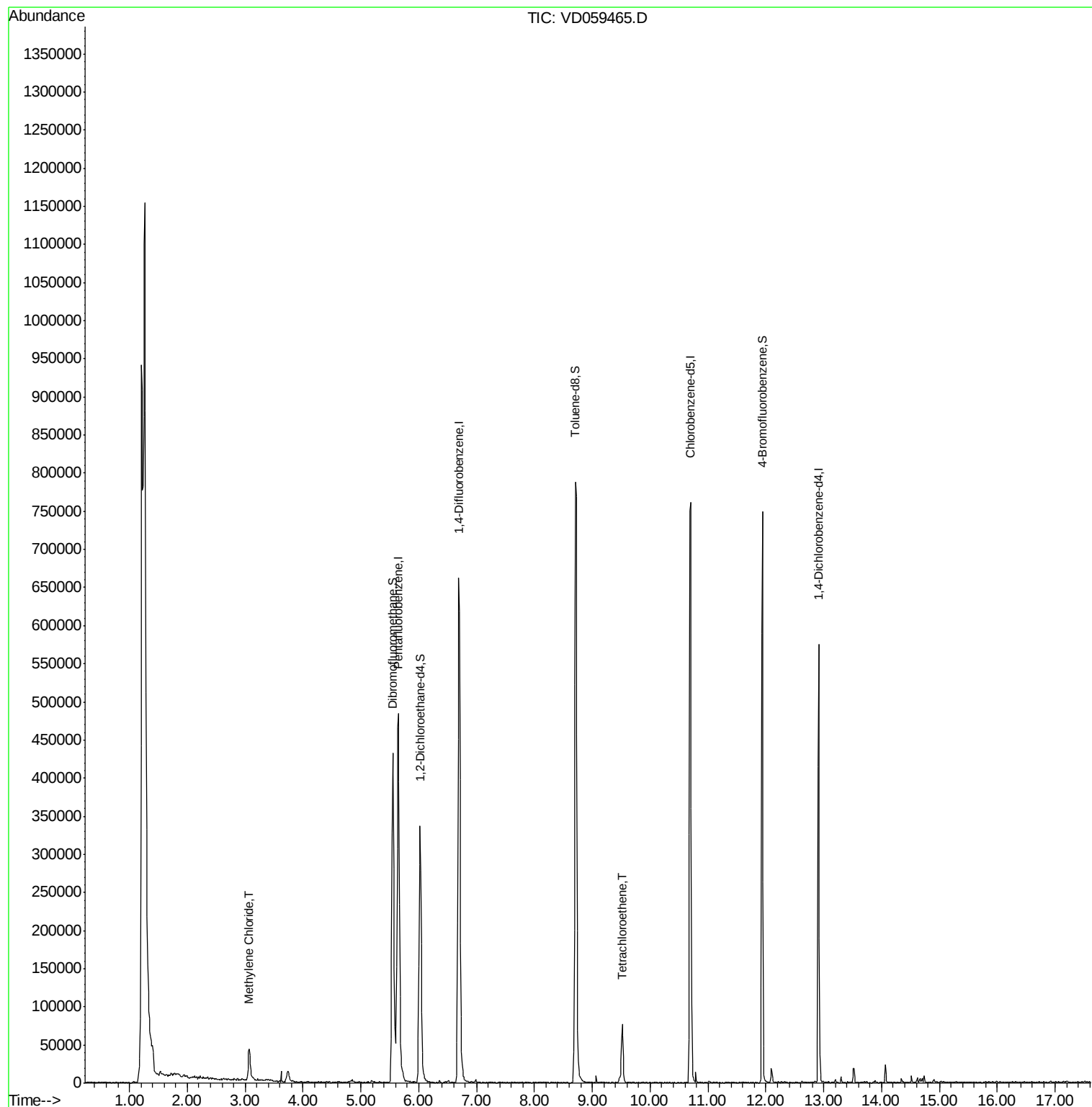
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.07	84	21048	9.65	ug/l	96
64) Tetrachloroethene	9.52	164	22191	5.77	ug/l	97

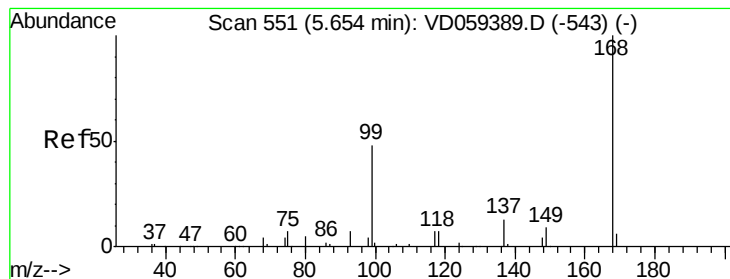
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.01 min

Lab File: VD059465.D

Acq: 28 Jun 2018 16:24

Instrument :

MSVOA_D

ClientSampleId :

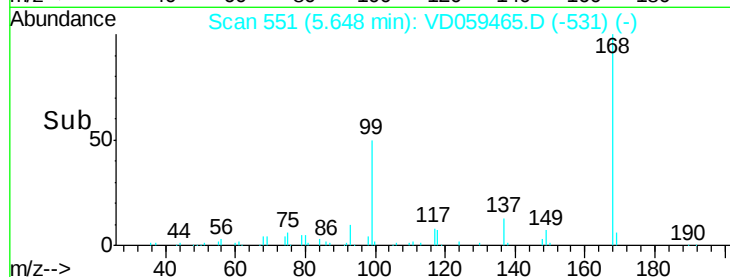
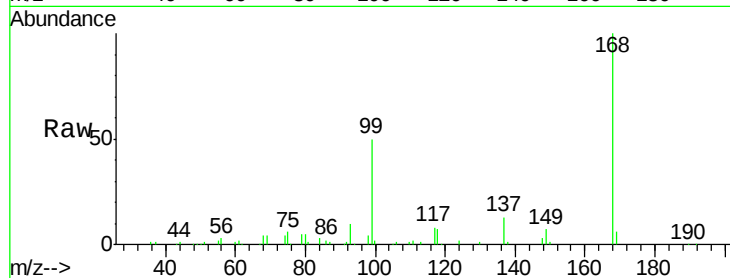
A0C10-02RE

Tot Ion:168 Resp: 504162

Ion Ratio Lower Upper

168 100

99 50.3 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.65

200000

150000

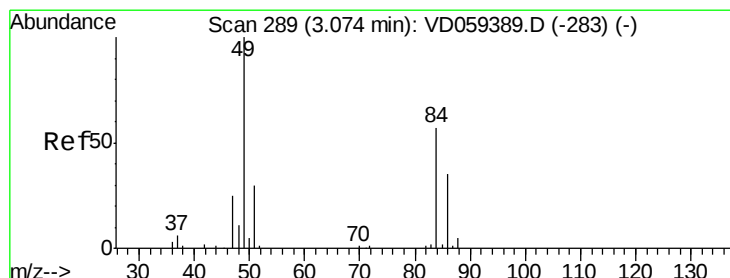
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 9.65 ug/l

RT: 3.07 min Scan# 289

Delta R.T. -0.01 min

Lab File: VD059465.D

Acq: 28 Jun 2018 16:24

Tgt Ion: 84 Resp: 21048

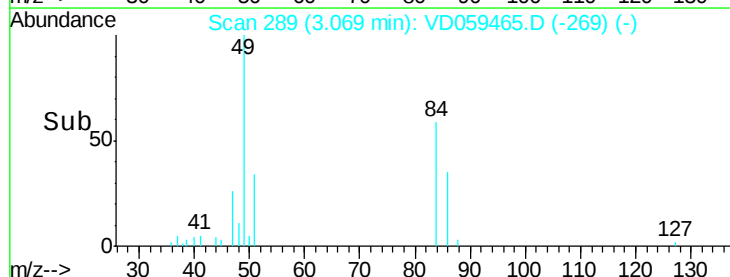
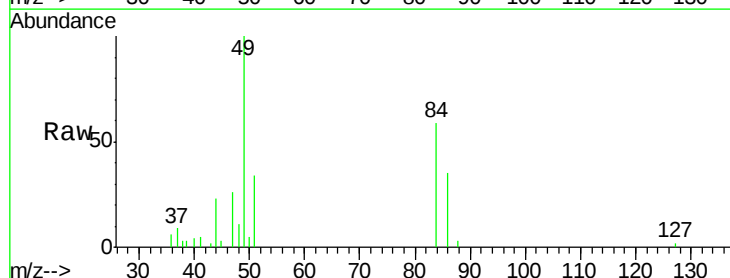
Ion Ratio Lower Upper

84 100

49 170.6 140.3 210.5

51 57.3 41.6 62.4

86 59.2 49.4 74.2



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

20000

15000

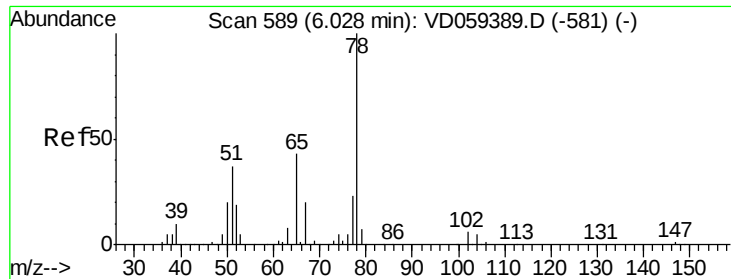
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5000

0

Time-->

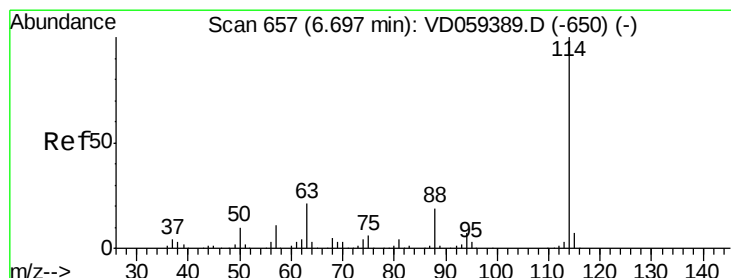
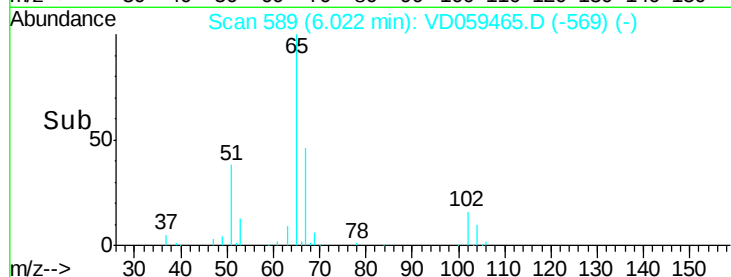
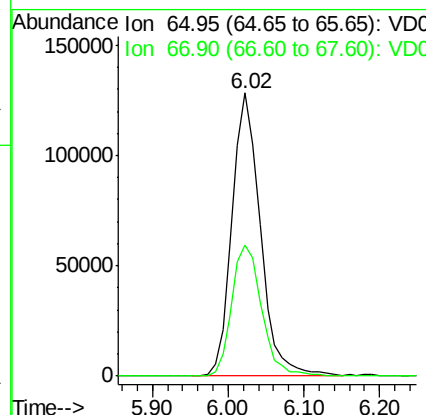
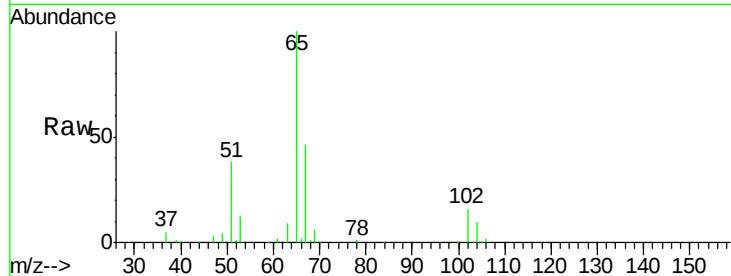
3.00 3.10 3.20



#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: VD059465.D
 Acq: 28 Jun 2018 16:24

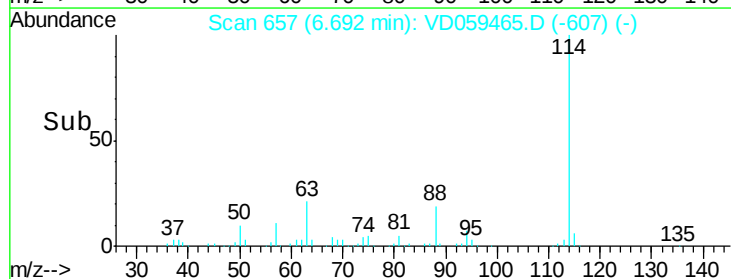
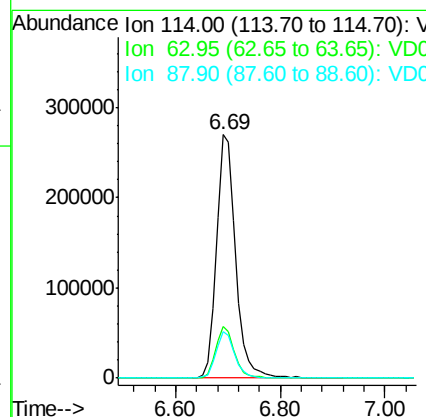
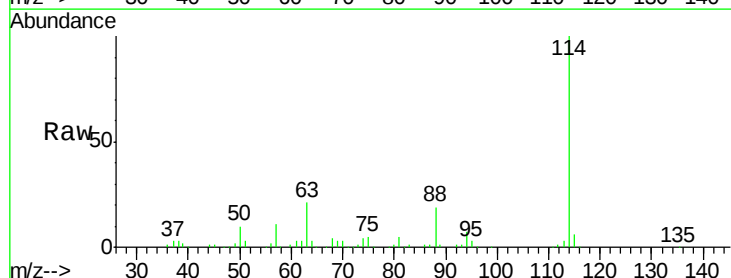
Instrument :
 MSVOA_D
 ClientSampleId :
 A0C10-02RE

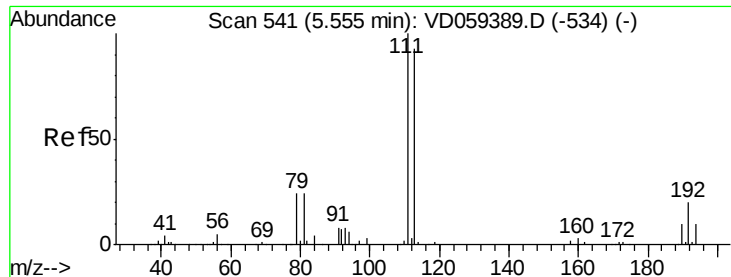
Tot Ion: 65 Resp: 332870
 Ion Ratio Lower Upper
 65 100
 67 46.5 0.0 93.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD059465.D
 Acq: 28 Jun 2018 16:24

Tgt Ion: 114 Resp: 687176
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.4
 88 19.3 0.0 38.0

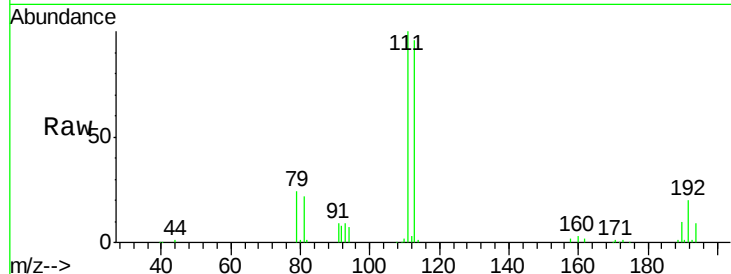




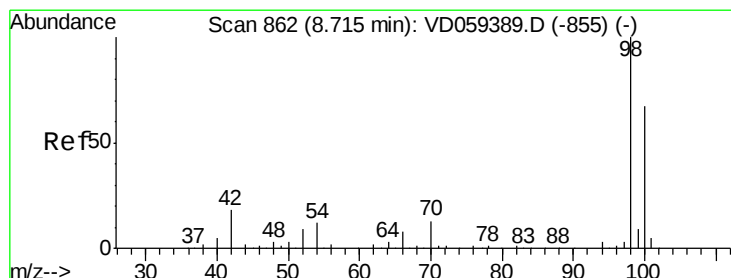
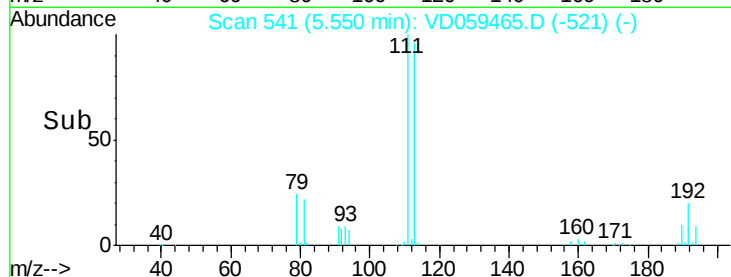
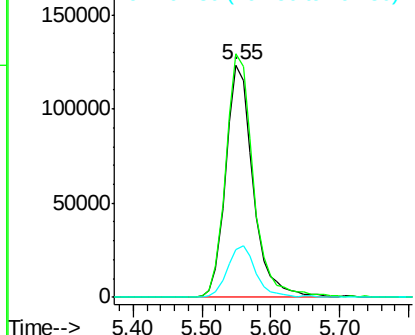
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: VD059465.D
 Acq: 28 Jun 2018 16:24

Instrument :
 MSVOA_D
 ClientSampleId :
 A0C10-02RE

Tot Ion:113 Resp: 339829
 Ion Ratio Lower Upper
 113 100
 111 104.6 85.7 128.5
 192 20.6 16.9 25.3

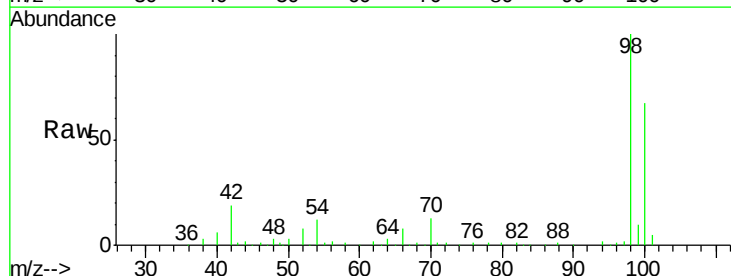


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

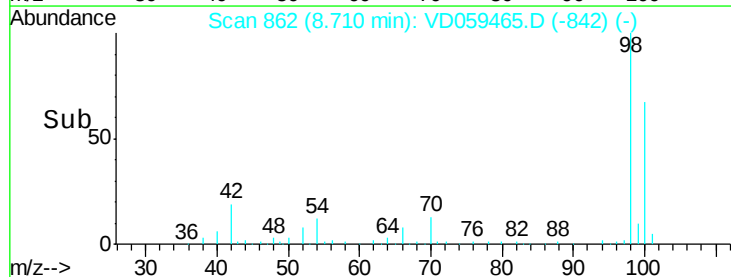
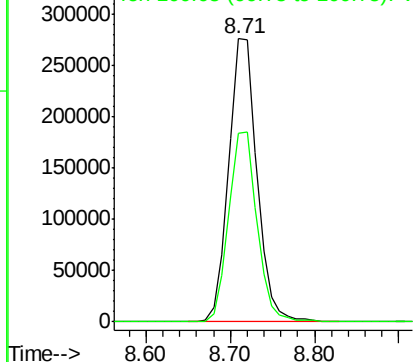


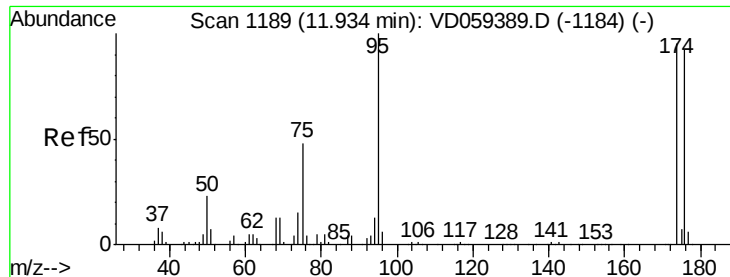
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.71 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VD059465.D
 Acq: 28 Jun 2018 16:24

Tgt Ion: 98 Resp: 646225
 Ion Ratio Lower Upper
 98 100
 100 66.5 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC

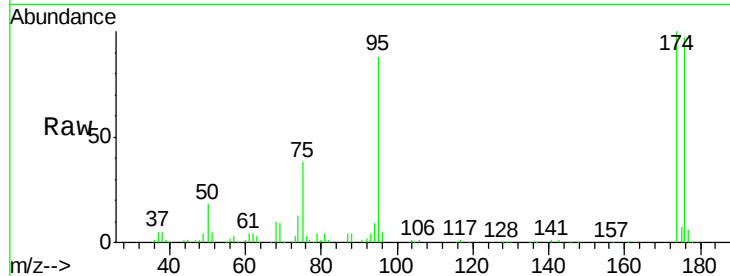




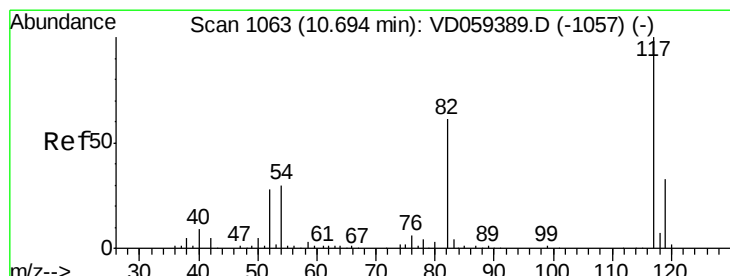
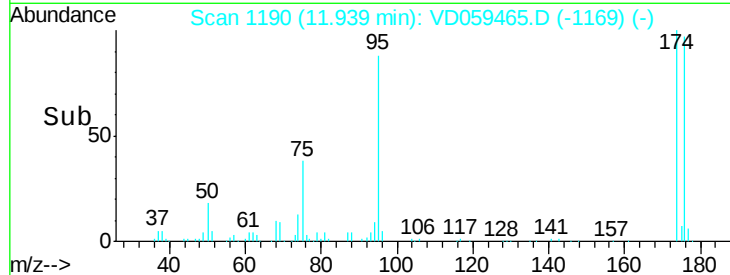
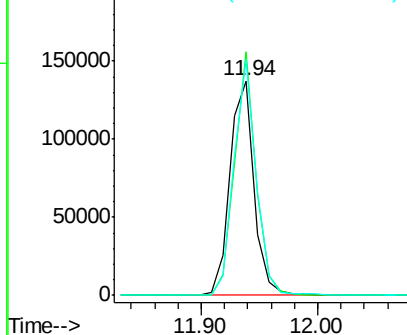
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VD059465.D
Acq: 28 Jun 2018 16:24

Instrument :
MSVOA_D
ClientSampleId :
A0C10-02RE

Tot Ion: 95 Resp: 196556
Ion Ratio Lower Upper
95 100
174 113.3 0.0 190.4
176 109.9 0.0 183.2

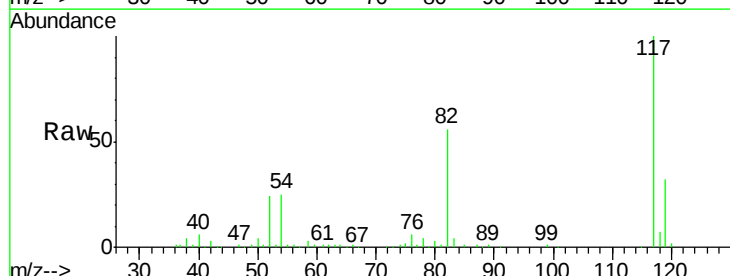


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

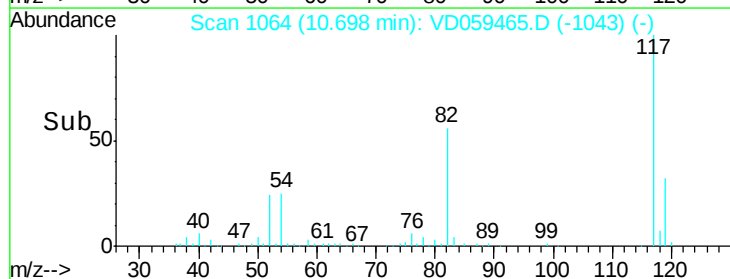
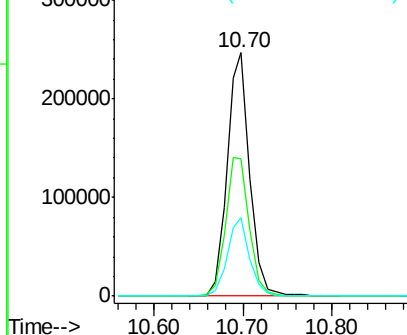


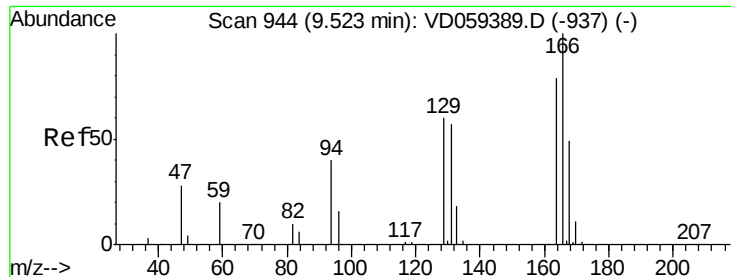
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VD059465.D
Acq: 28 Jun 2018 16:24

Tgt Ion: 117 Resp: 438136
Ion Ratio Lower Upper
117 100
82 56.3 49.0 73.6
119 32.4 26.2 39.4



Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V





#64

Tetrachloroethene

Concen: 5.77 ug/l

RT: 9.52 min Scan# 944

Delta R.T. -0.01 min

Lab File: VD059465.D

Acq: 28 Jun 2018 16:24

Instrument :

MSVOA_D

ClientSampleId :

A0C10-02RE

Tot Ion:164 Resp: 22191

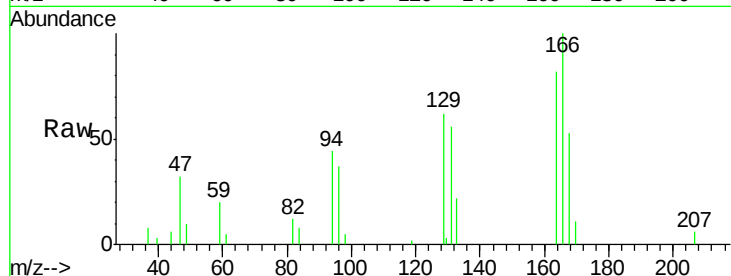
Ion Ratio Lower Upper

164 100

166 122.6 101.4 152.2

129 76.2 60.9 91.3

131 68.7 58.2 87.4

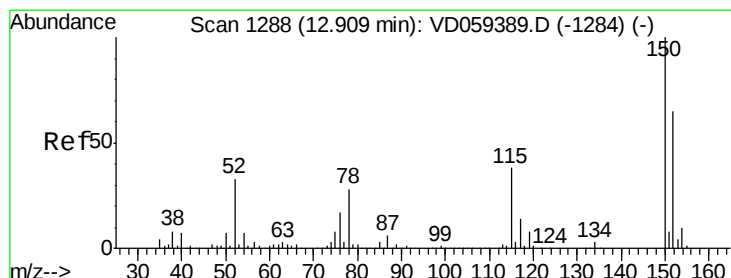
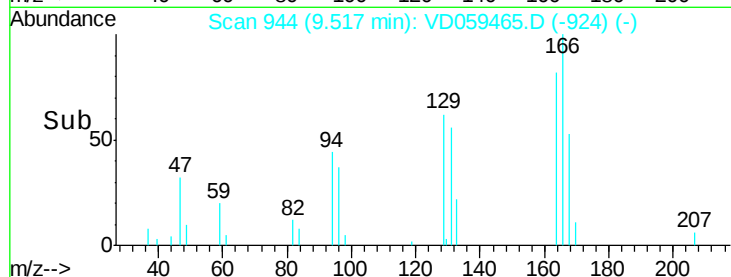
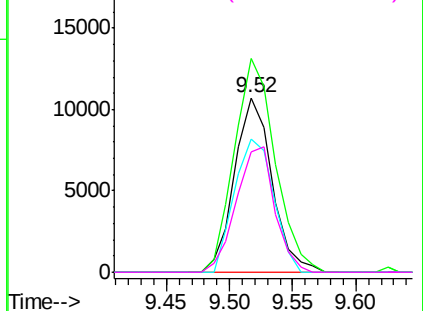


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): 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: 50.00 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VD059465.D

Acq: 28 Jun 2018 16:24

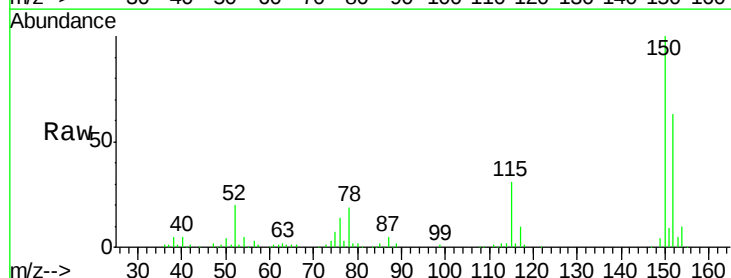
Tgt Ion:152 Resp: 126063

Ion Ratio Lower Upper

152 100

115 48.8 29.4 88.3

150 159.4 0.0 308.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

