

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\
 Data File : VD058232.D
 Acq On : 21 Jun 2018 3:38
 Operator : VA/AP
 Sample : J3245-15
 Misc : 4.10g/5ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-061918-D

Quant Time: Jun 21 05:38:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	609266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	828846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	582467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	229384	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	361721	58.78	ug/l	0.00
Spiked Amount			Recovery	=	117.56%	
35) Dibromofluoromethane	5.56	113	357802	53.04	ug/l	0.00
Spiked Amount			Recovery	=	106.08%	
50) Toluene-d8	8.72	98	689752	42.26	ug/l	0.00
Spiked Amount			Recovery	=	84.52%	
62) 4-Bromofluorobenzene	11.94	95	252130	37.82	ug/l	0.00
Spiked Amount			Recovery	=	75.64%	

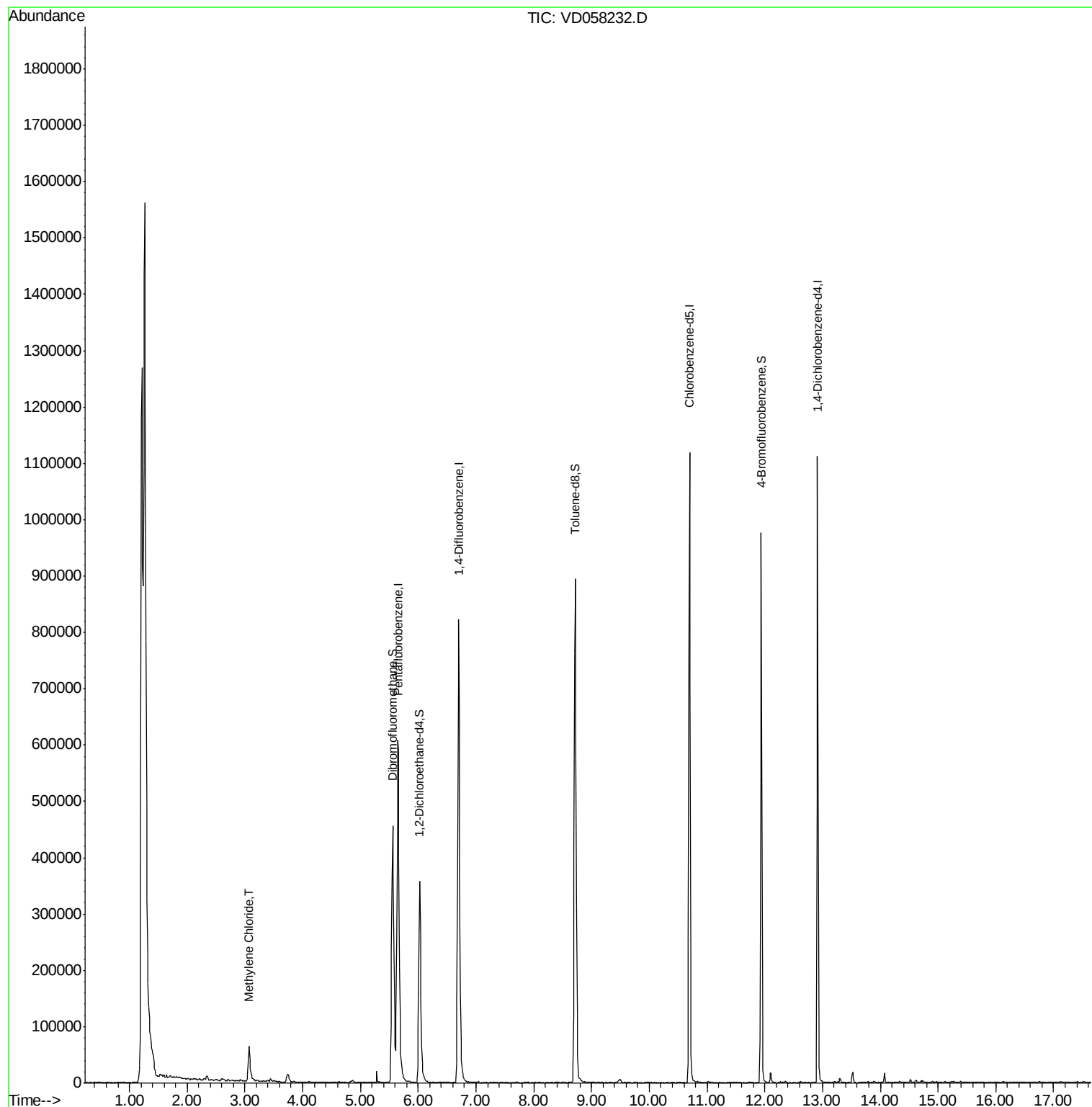
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.08	84	29483	9.57	ug/l	93

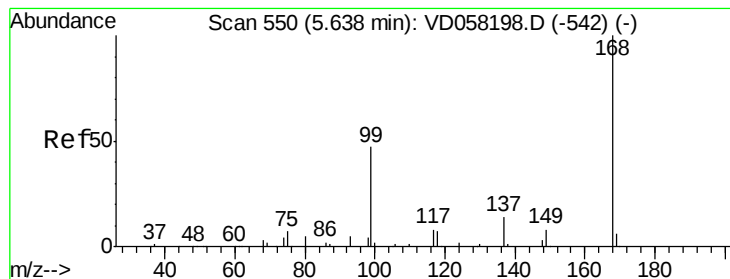
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 552

Delta R.T. 0.02 min

Lab File: VD058232.D

Acq: 21 Jun 2018 3:38

Instrument :

MSVOA_D

ClientSampleId :

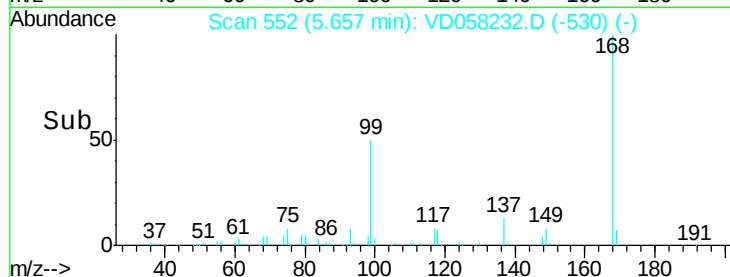
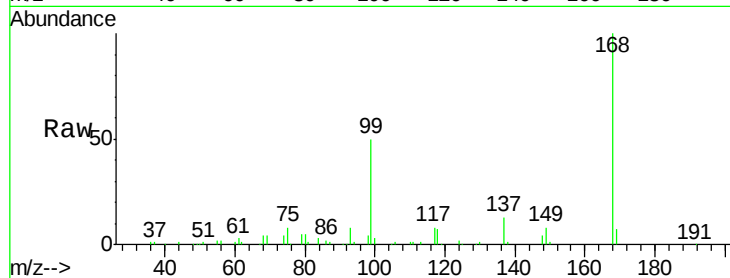
CL-02-061918-D

Tot Ion:168 Resp: 609266

Ion Ratio Lower Upper

168 100

99 50.3 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.66

250000

200000

150000

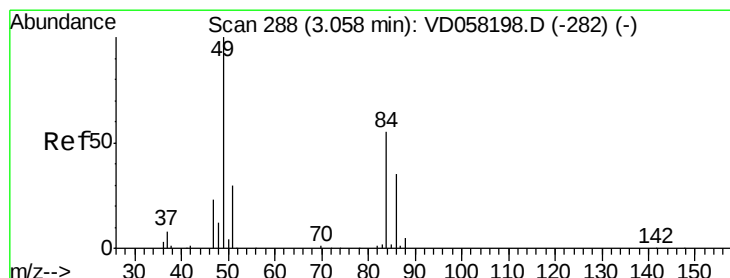
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 9.57 ug/l

RT: 3.08 min Scan# 290

Delta R.T. 0.02 min

Lab File: VD058232.D

Acq: 21 Jun 2018 3:38

Tgt Ion: 84 Resp: 29483

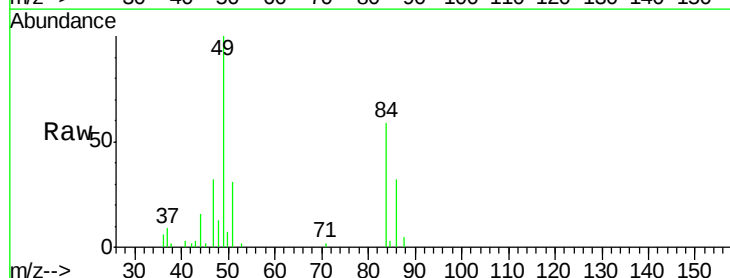
Ion Ratio Lower Upper

84 100

49 170.3 145.0 217.6

51 53.2 42.9 64.3

86 54.3 50.1 75.1



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

25000

20000

15000

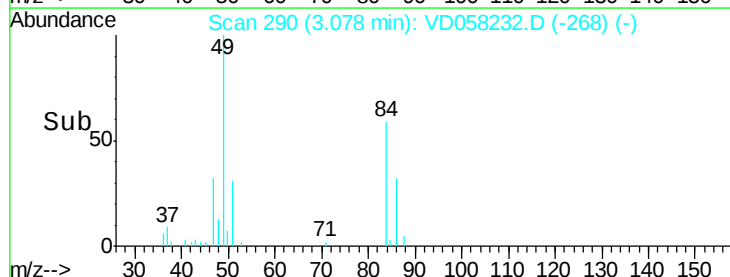
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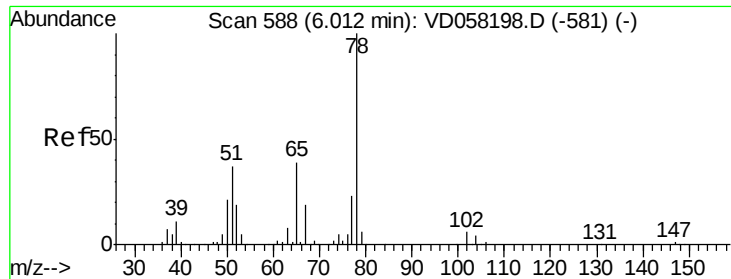
5000

0

Time-->

3.00 3.10 3.20

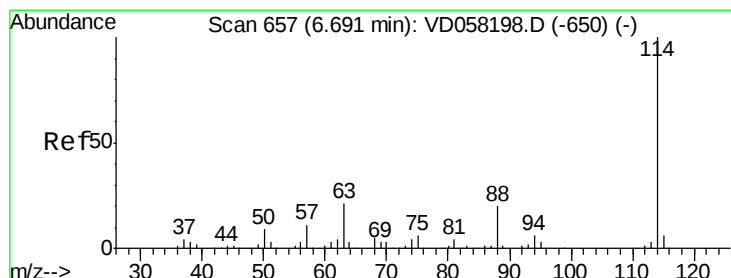
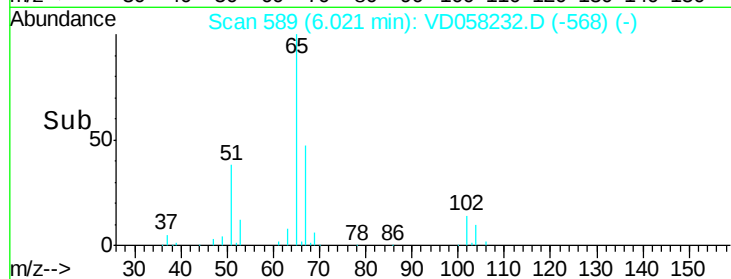
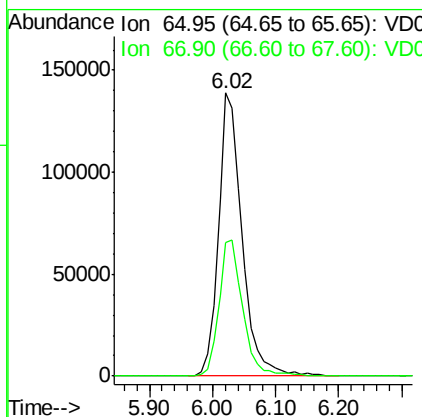
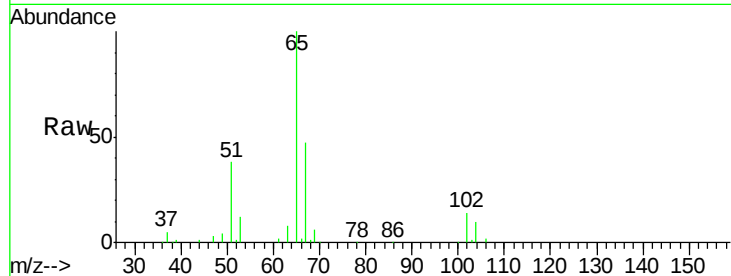




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. 0.01 min
 Lab File: VD058232.D
 Acq: 21 Jun 2018 3:38

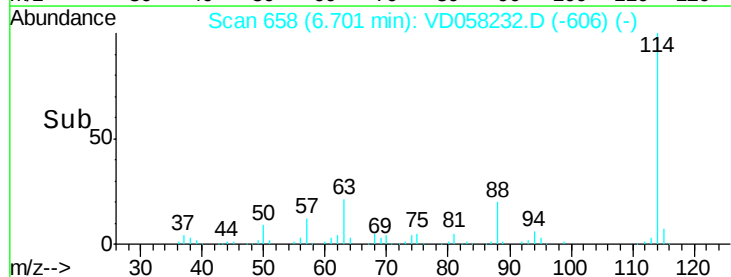
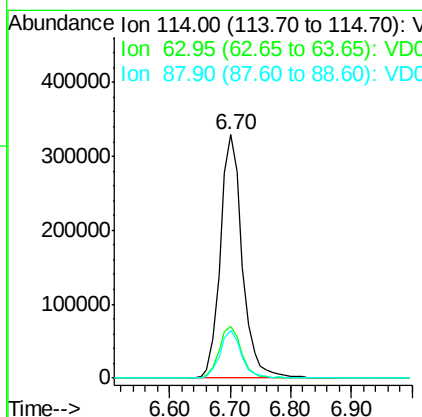
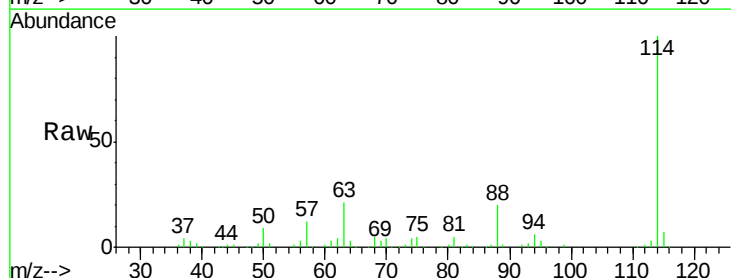
Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-061918-D

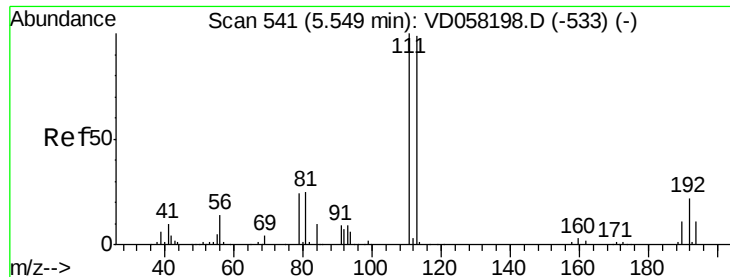
Tot Ion: 65 Resp: 361721
 Ion Ratio Lower Upper
 65 100
 67 47.3 0.0 97.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD058232.D
 Acq: 21 Jun 2018 3:38

Tgt Ion: 114 Resp: 828846
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.6
 88 19.8 0.0 40.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.56 min Scan# 542

Delta R.T. 0.01 min

Lab File: VD058232.D

Acq: 21 Jun 2018 3:38

Instrument :

MSVOA_D

ClientSampleId :

CL-02-061918-D

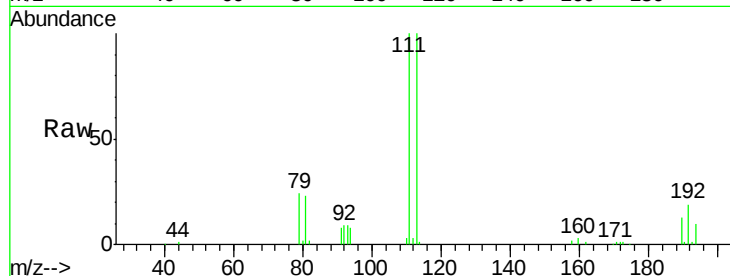
Tot Ion:113 Resp: 357802

Ion Ratio Lower Upper

113 100

111 100.4 80.6 121.0

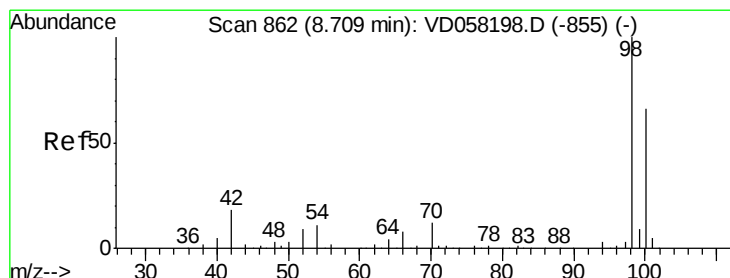
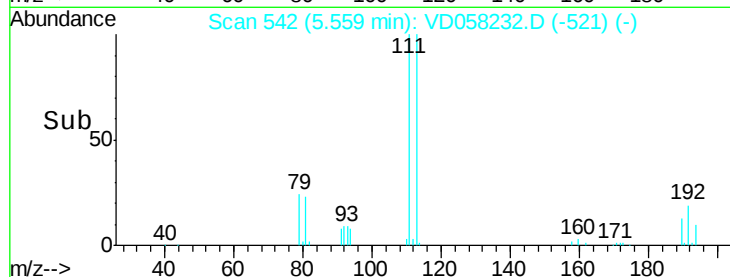
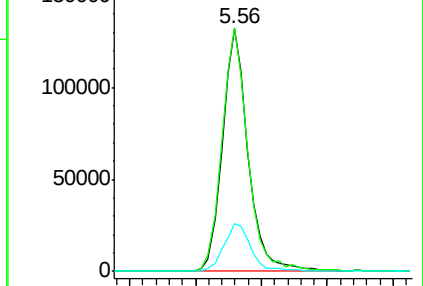
192 19.6 17.8 26.6



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: 8.72 min Scan# 863

Delta R.T. 0.01 min

Lab File: VD058232.D

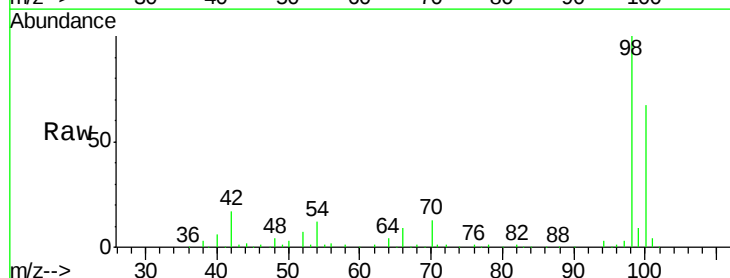
Acq: 21 Jun 2018 3:38

Tgt Ion: 98 Resp: 689752

Ion Ratio Lower Upper

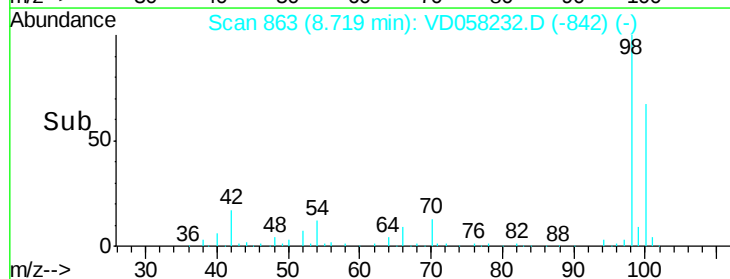
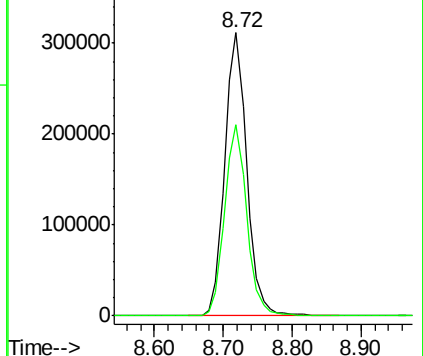
98 100

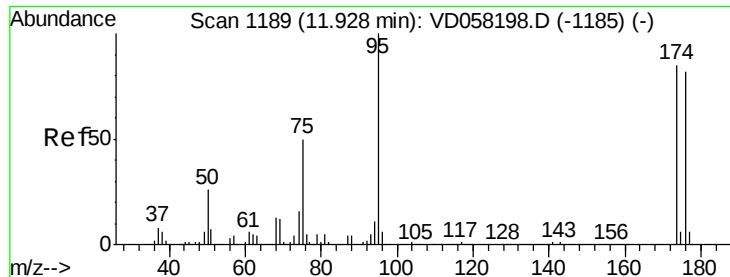
100 67.4 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

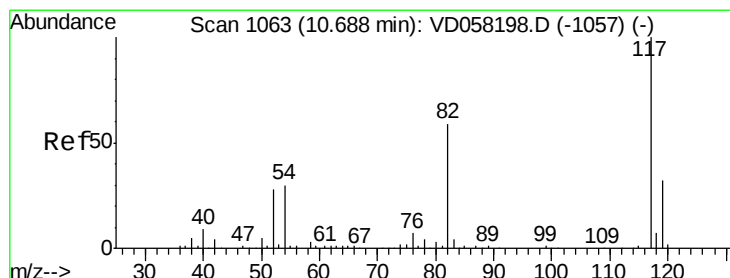
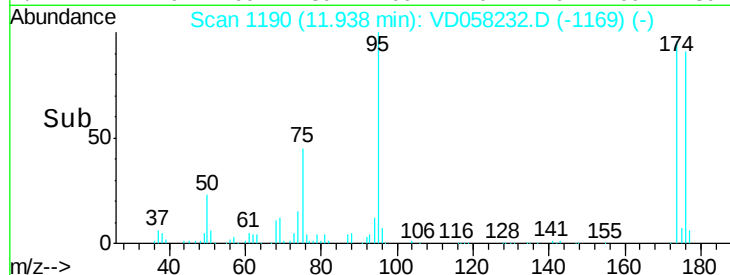
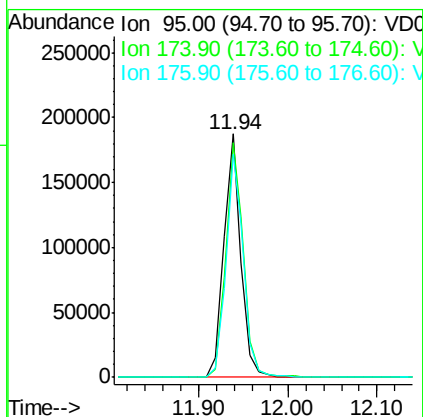
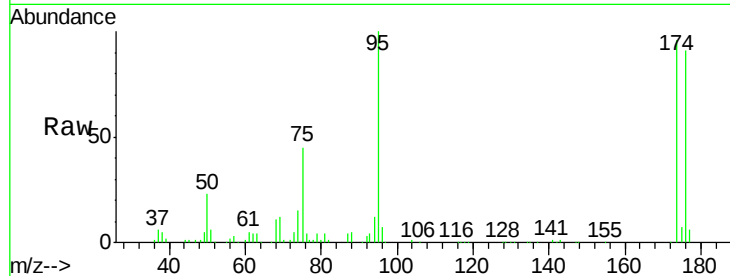




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD058232.D
Acq: 21 Jun 2018 3:38

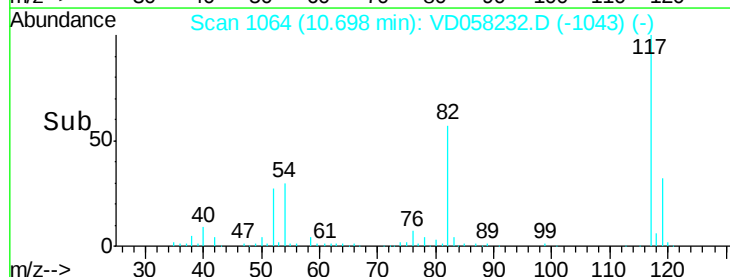
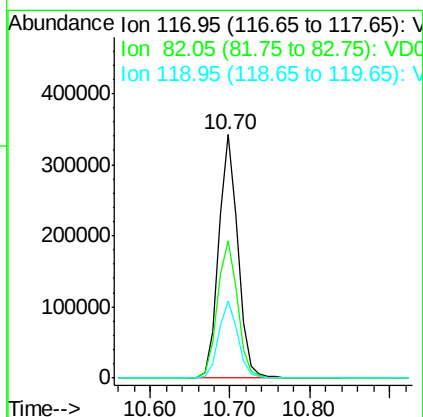
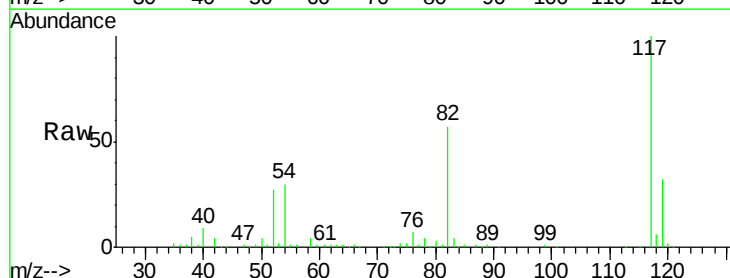
Instrument :
MSVOA_D
ClientSampleId :
CL-02-061918-D

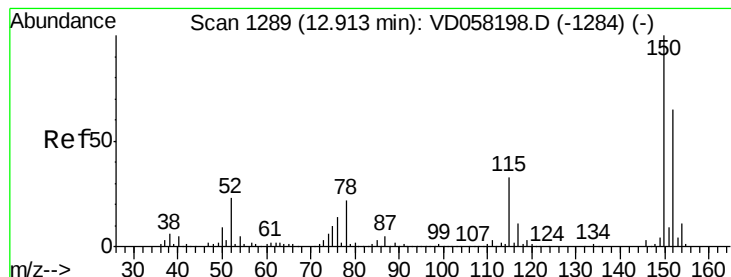
Tot Ion: 95 Resp: 252130
Ion Ratio Lower Upper
95 100
174 96.2 0.0 170.2
176 91.4 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058232.D
Acq: 21 Jun 2018 3:38

Tgt Ion: 117 Resp: 582467
Ion Ratio Lower Upper
117 100
82 56.6 47.0 70.6
119 31.8 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VD058232.D

Acq: 21 Jun 2018 3:38

Instrument :

MSVOA_D

ClientSampleId :

CL-02-061918-D

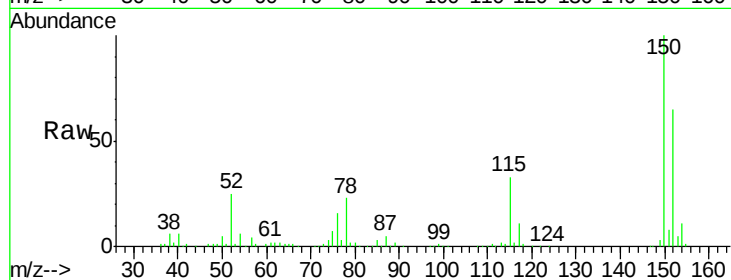
Tot Ion:152 Resp: 229384

Ion Ratio Lower Upper

152 100

115 50.5 25.1 75.3

150 153.0 0.0 308.8



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

