

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
 Data File : VD060691.D
 Acq On : 21 Dec 2018 18:39
 Operator : VA/AP
 Sample : J6518-01
 Misc : 4.05g/5ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 337-SOIL

Quant Time: Dec 21 22:54:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

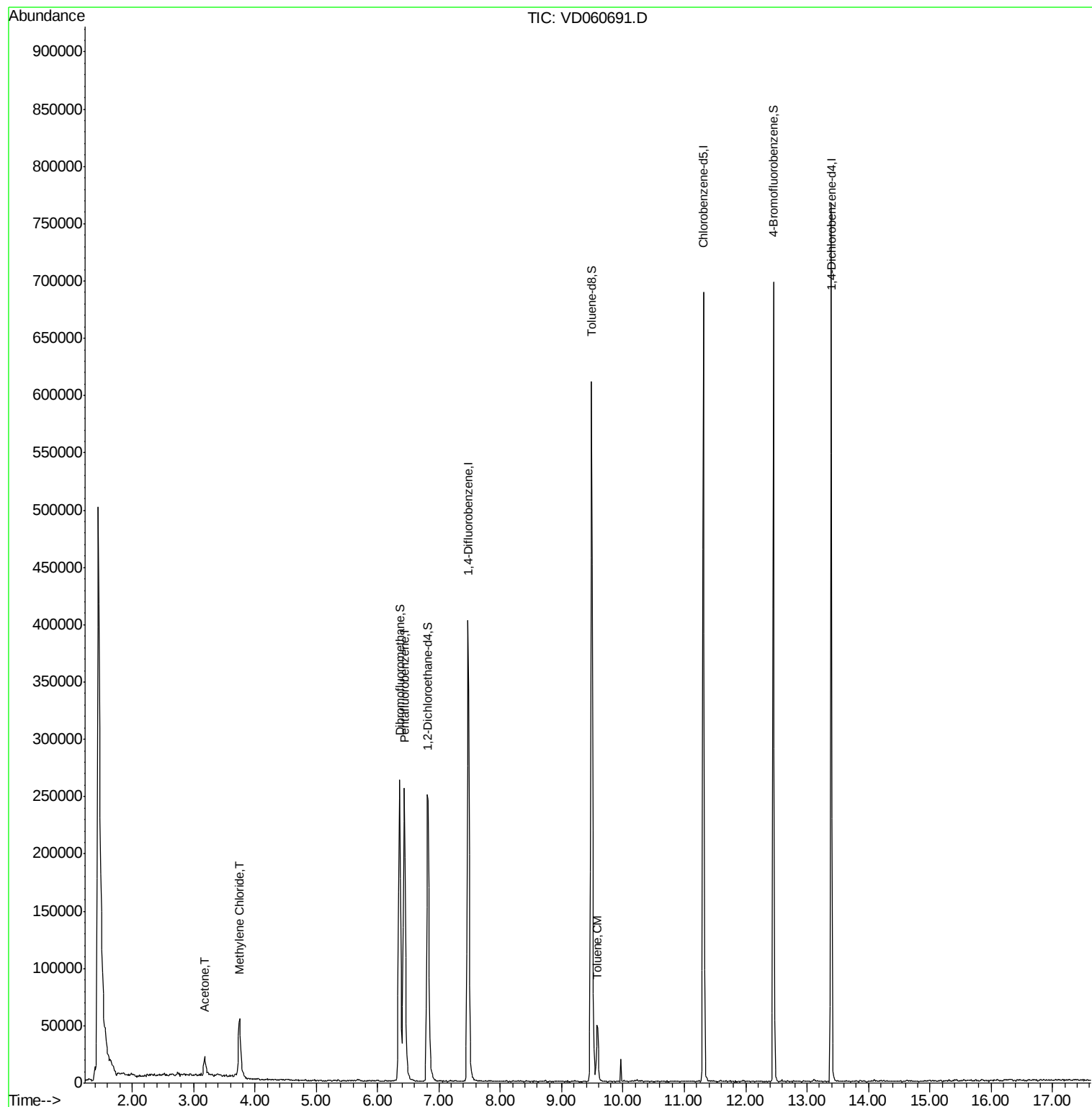
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.44	168	245218	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.47	114	402686	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.31	117	354232	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.40	152	172838	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.81	65	212962	125.67	ug/l	0.02
Spiked Amount 50.000			Recovery	=	251.34%	
35) Dibromofluoromethane	6.36	113	205469	69.71	ug/l	0.03
Spiked Amount 50.000			Recovery	=	139.42%	
50) Toluene-d8	9.49	98	456338	51.89	ug/l	0.03
Spiked Amount 50.000			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.45	95	178028	57.80	ug/l	0.03
Spiked Amount 50.000			Recovery	=	115.60%	
Target Compounds						
16) Acetone	3.18	43	30706	103.756	ug/l	98
20) Methylene Chloride	3.75	84	34840	11.336	ug/l	92
52) Toluene	9.58	92	25840	3.848	ug/l	91

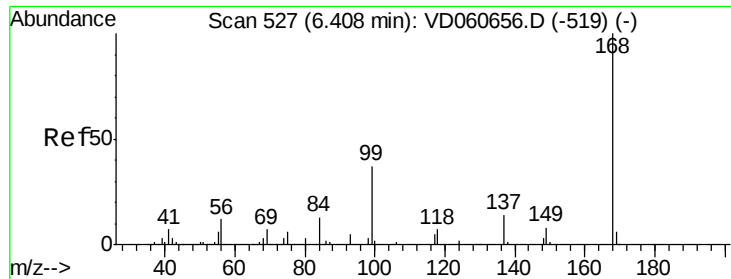
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
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Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.44 min Scan# 530

Delta R.T. 0.03 min

Lab File: VD060691.D

Acq: 21 Dec 2018 18:39

Instrument :

MSVOA_D

ClientSampleId :

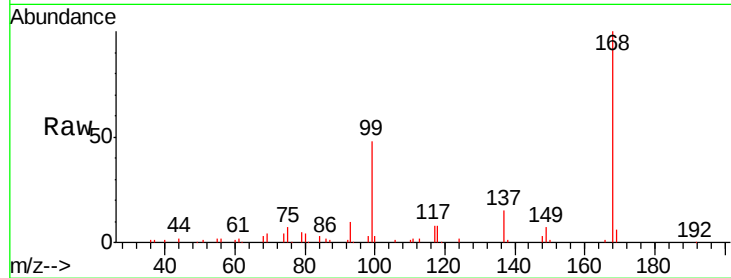
337-SOIL

Tgt Ion:168 Resp: 245218

Ion Ratio Lower Upper

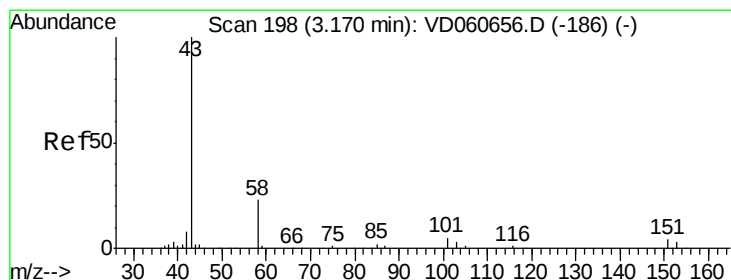
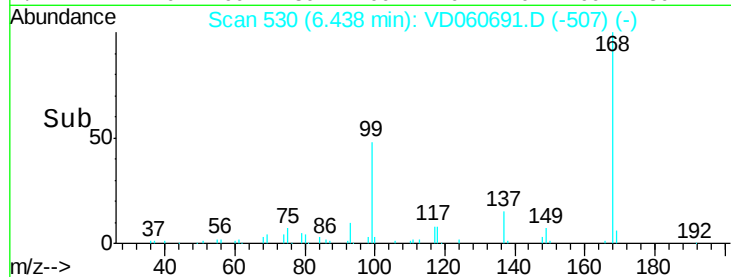
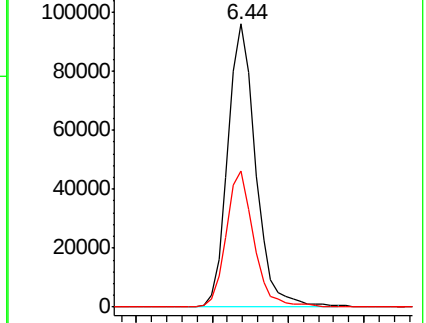
168 100

99 48.3 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 103.756 ug/l

RT: 3.18 min Scan# 199

Delta R.T. 0.01 min

Lab File: VD060691.D

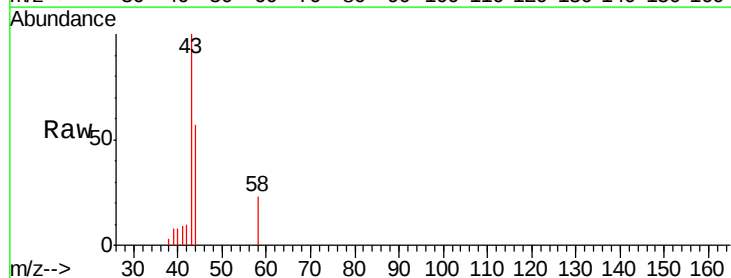
Acq: 21 Dec 2018 18:39

Tgt Ion: 43 Resp: 30706

Ion Ratio Lower Upper

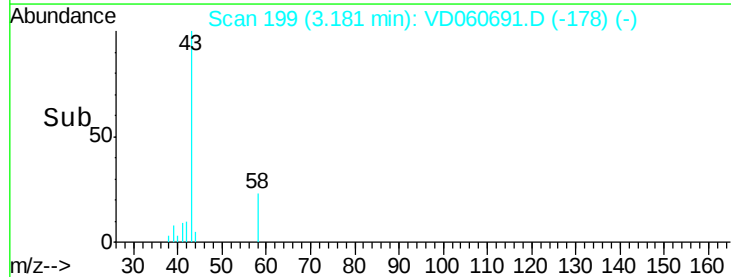
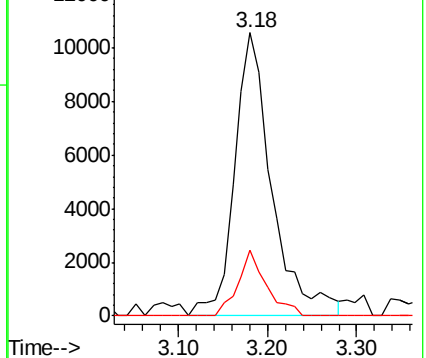
43 100

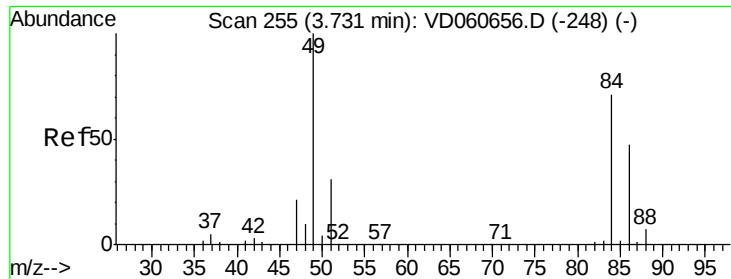
58 23.4 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

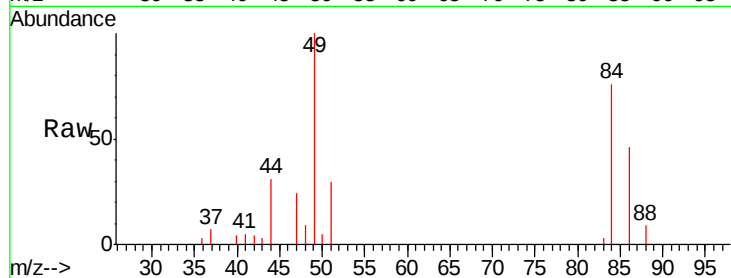




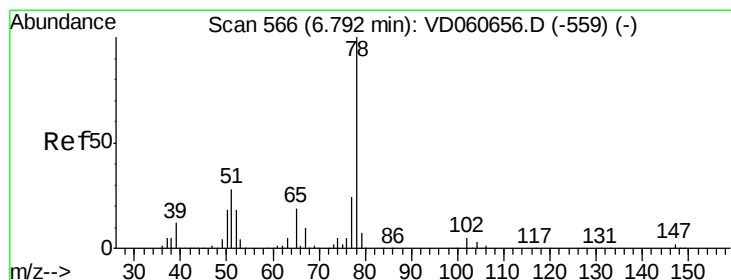
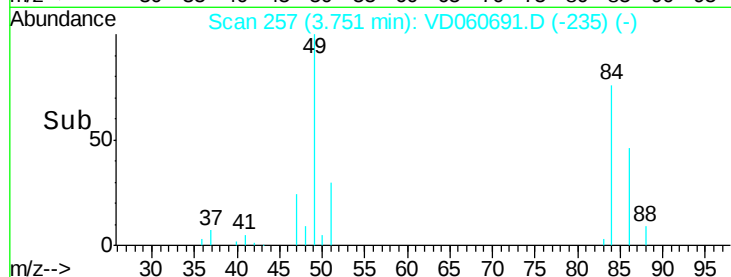
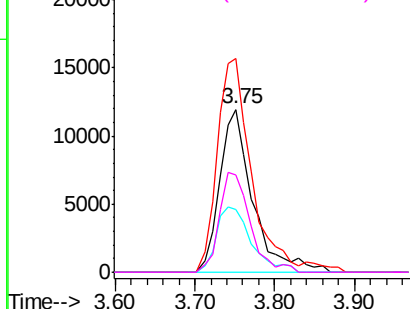
#20
Methylene Chloride
Concen: 11.336 ug/l
RT: 3.75 min Scan# 257
Delta R.T. 0.02 min
Lab File: VD060691.D
Acq: 21 Dec 2018 18:39

Instrument :
MSVOA_D
ClientSampled :
337-SOIL

Tgt Ion: 84 Resp: 34840
Ion Ratio Lower Upper
84 100
49 131.1 113.6 170.4
51 38.9 34.7 52.1
86 59.7 52.8 79.2

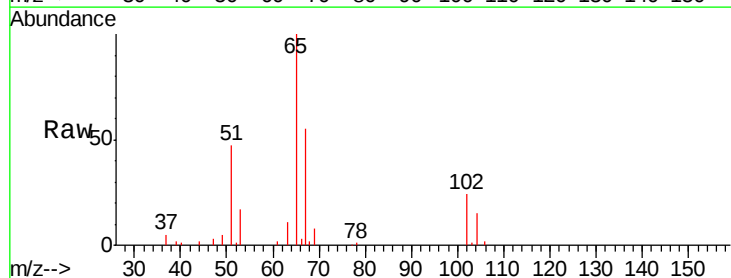


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

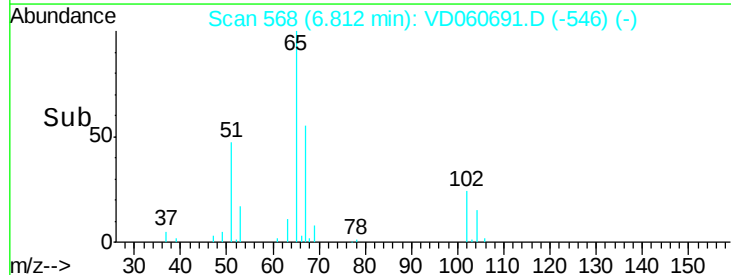
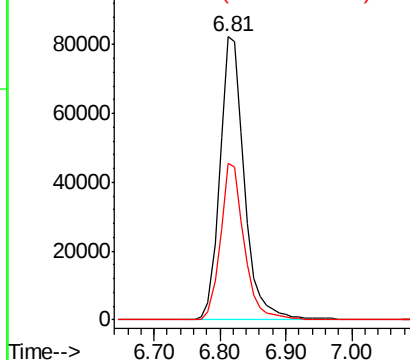


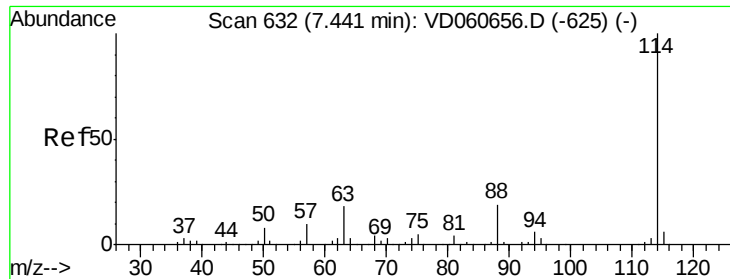
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.81 min Scan# 568
Delta R.T. 0.02 min
Lab File: VD060691.D
Acq: 21 Dec 2018 18:39

Tgt Ion: 65 Resp: 212962
Ion Ratio Lower Upper
65 100
67 55.3 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

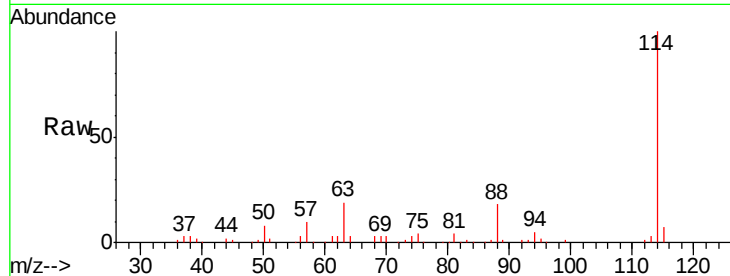




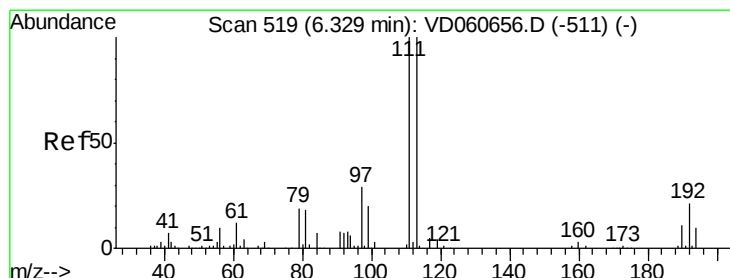
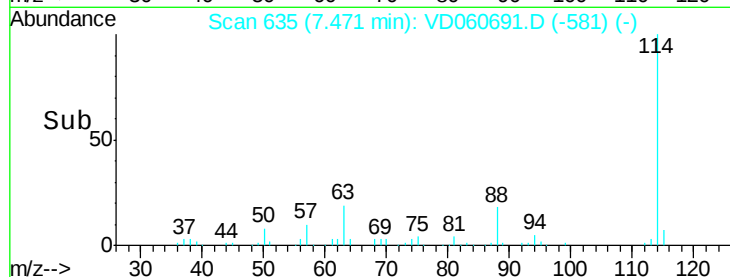
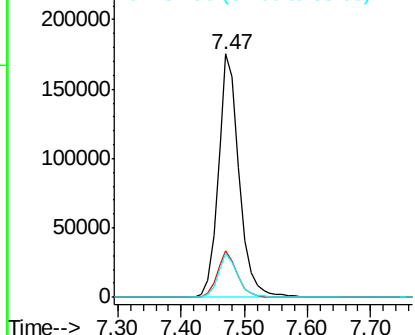
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.47 min Scan# 635
 Delta R.T. 0.03 min
 Lab File: VD060691.D
 Acq: 21 Dec 2018 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 337-SOIL

Tgt Ion:114 Resp: 402686
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 36.2
 88 17.9 0.0 37.0

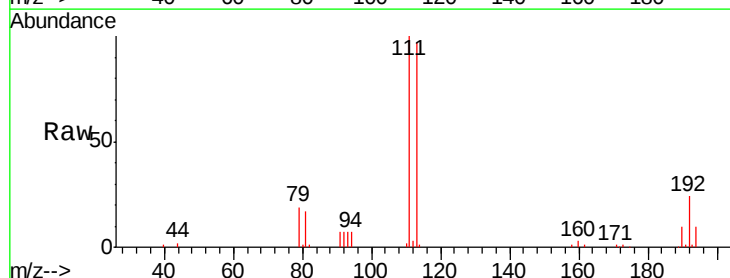


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

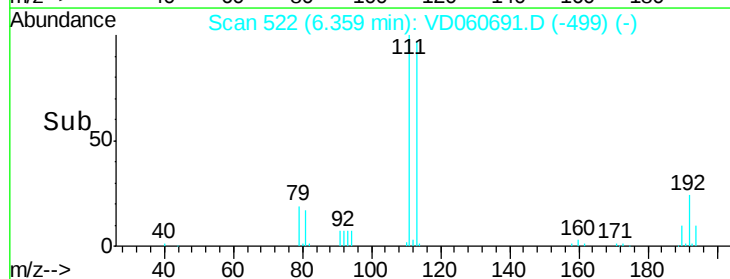
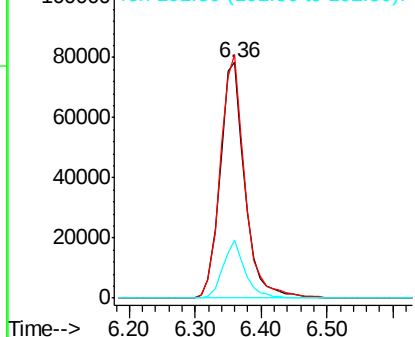


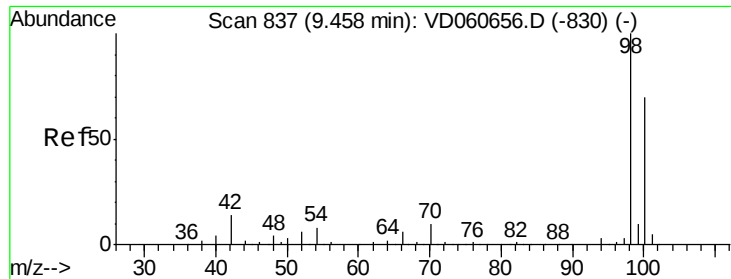
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.36 min Scan# 522
 Delta R.T. 0.03 min
 Lab File: VD060691.D
 Acq: 21 Dec 2018 18:39

Tgt Ion:113 Resp: 205469
 Ion Ratio Lower Upper
 113 100
 111 103.2 80.0 120.0
 192 24.6 16.6 25.0



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

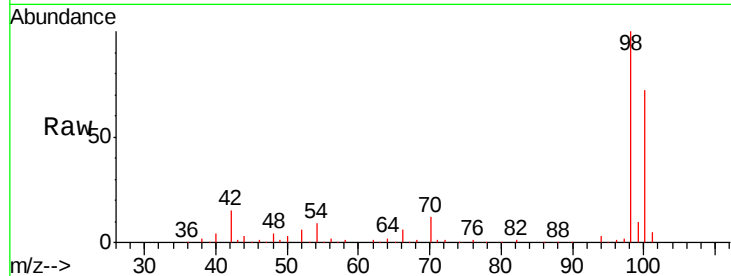




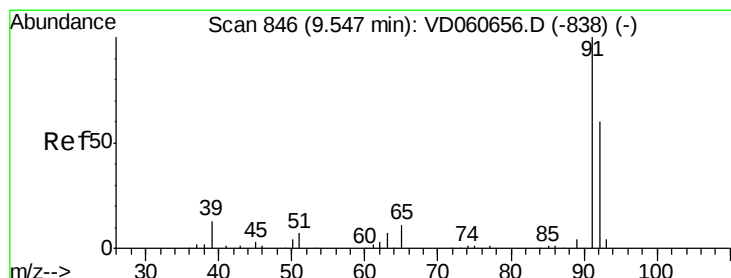
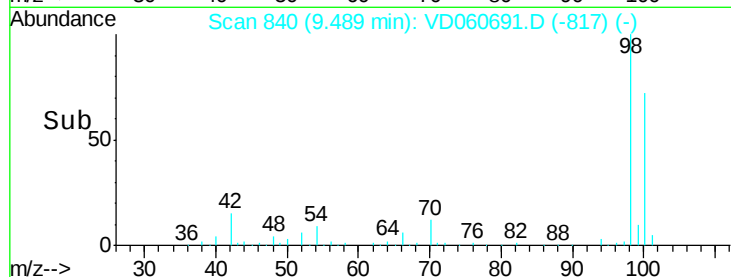
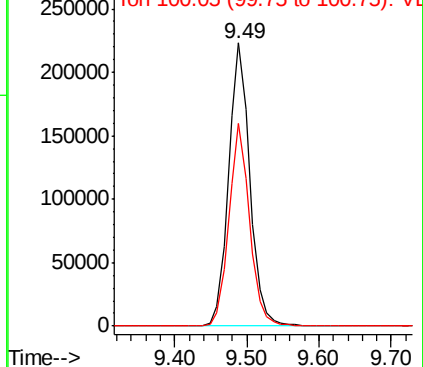
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.49 min Scan# 840
Delta R.T. 0.03 min
Lab File: VD060691.D
Acq: 21 Dec 2018 18:39

Instrument :
MSVOA_D
ClientSampleId :
337-SOIL

Tgt Ion: 98 Resp: 456338
Ion Ratio Lower Upper
98 100
100 71.7 55.8 83.8

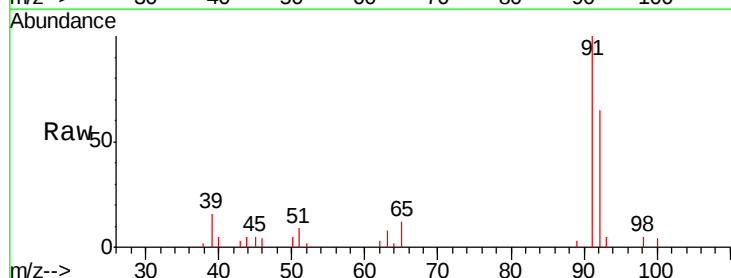


Abundance Ion 98.05 (97.75 to 98.75): VD060691.D (-817) (-)
Ion 100.05 (99.75 to 100.75): VD060691.D (-817) (-)

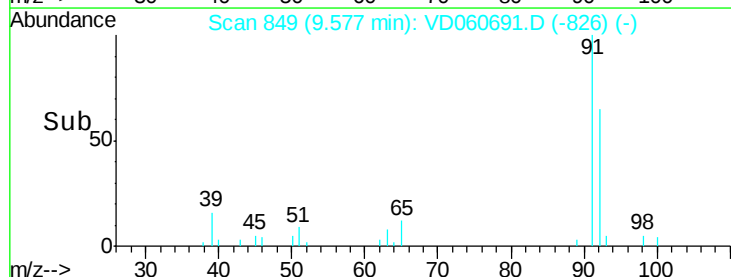
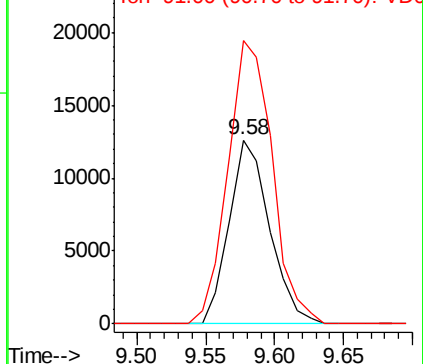


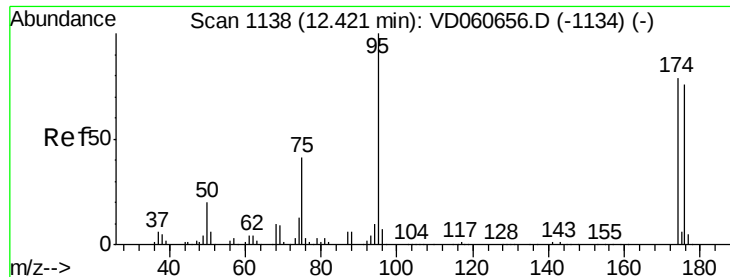
#52
Toluene
Concen: 3.848 ug/l
RT: 9.58 min Scan# 849
Delta R.T. 0.03 min
Lab File: VD060691.D
Acq: 21 Dec 2018 18:39

Tgt Ion: 92 Resp: 25840
Ion Ratio Lower Upper
92 100
91 153.8 132.6 199.0



Abundance Ion 92.00 (91.70 to 92.70): VD060691.D (-826) (-)
Ion 91.00 (90.70 to 91.70): VD060691.D (-826) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.45 min Scan# 1141

Delta R.T. 0.03 min

Lab File: VD060691.D

Acq: 21 Dec 2018 18:39

Instrument :

MSVOA_D

ClientSampleId :

337-SOIL

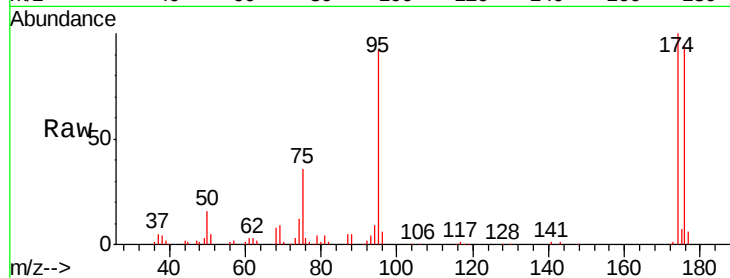
Tgt Ion: 95 Resp: 178028

Ion Ratio Lower Upper

95 100

174 109.2 0.0 158.2

176 102.7 0.0 152.4



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

200000

150000

100000

50000

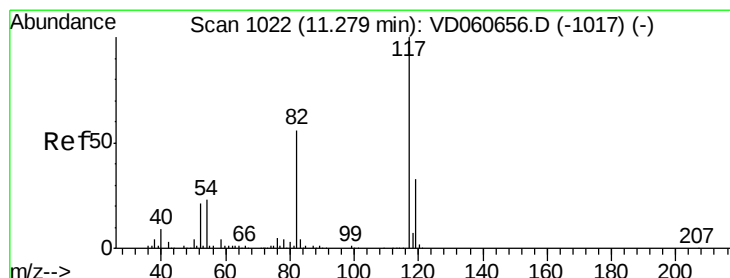
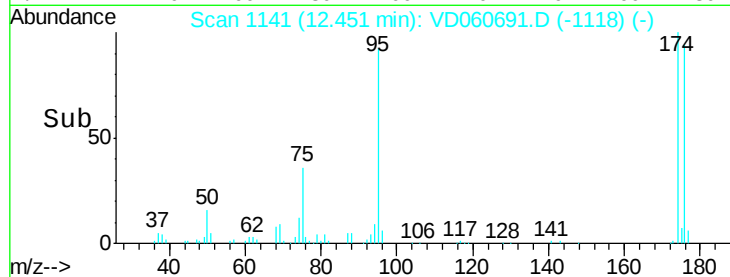
0

12.45

12.40

12.50

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.31 min Scan# 1025

Delta R.T. 0.03 min

Lab File: VD060691.D

Acq: 21 Dec 2018 18:39

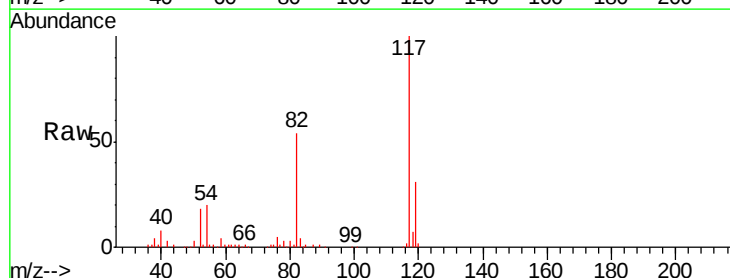
Tgt Ion: 117 Resp: 354232

Ion Ratio Lower Upper

117 100

82 53.8 44.5 66.7

119 31.3 26.3 39.5



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

300000

250000

200000

150000

100000

50000

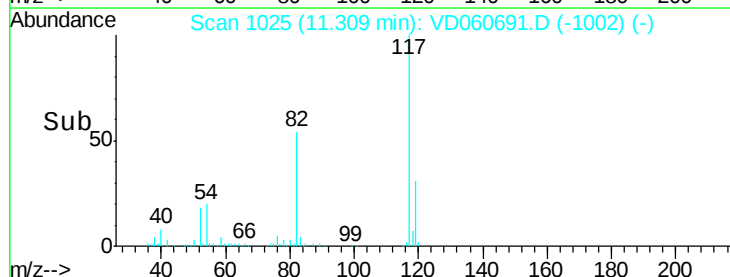
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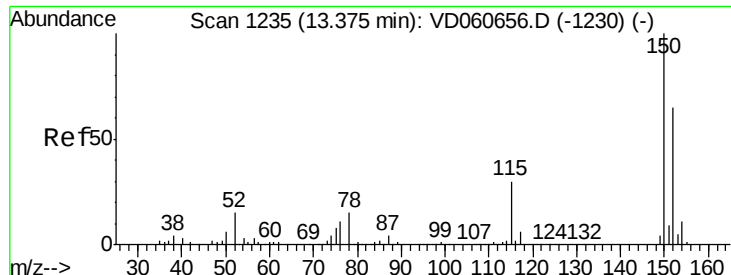
11.31

11.20

11.40

Time-->

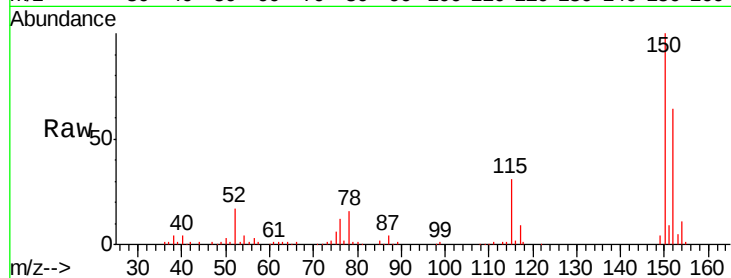




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.40 min Scan# 1237
 Delta R.T. 0.02 min
 Lab File: VD060691.D
 Acq: 21 Dec 2018 18:39

Instrument :
 MSVOA_D
 ClientSampleId :
 337-SOIL

Tgt Ion	Ratio	Lower	Upper
152	100		
115	48.6	24.1	72.3
150	156.8	0.0	315.0



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

