

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
 Data File : VD060681.D
 Acq On : 21 Dec 2018 13:58
 Operator : VA/AP
 Sample : J6481-04RE
 Misc : 5.01g/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HOUSE-WALLRE

Quant Time: Dec 21 15:14:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 03:34:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.44	168	1120113	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.47	114	1506815	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.31	117	1081226	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.39	152	411152	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.82	65	324981	41.98	ug/l	0.03
Spiked Amount	50.000		Recovery	=	83.96%	
35) Dibromofluoromethane	6.35	113	441323	40.02	ug/l	0.02
Spiked Amount	50.000		Recovery	=	80.04%	
50) Toluene-d8	9.49	98	1048686	31.87	ug/l	0.03
Spiked Amount	50.000		Recovery	=	63.74%	
62) 4-Bromofluorobenzene	12.44	95	331644	28.78	ug/l	0.02
Spiked Amount	50.000		Recovery	=	57.56%	

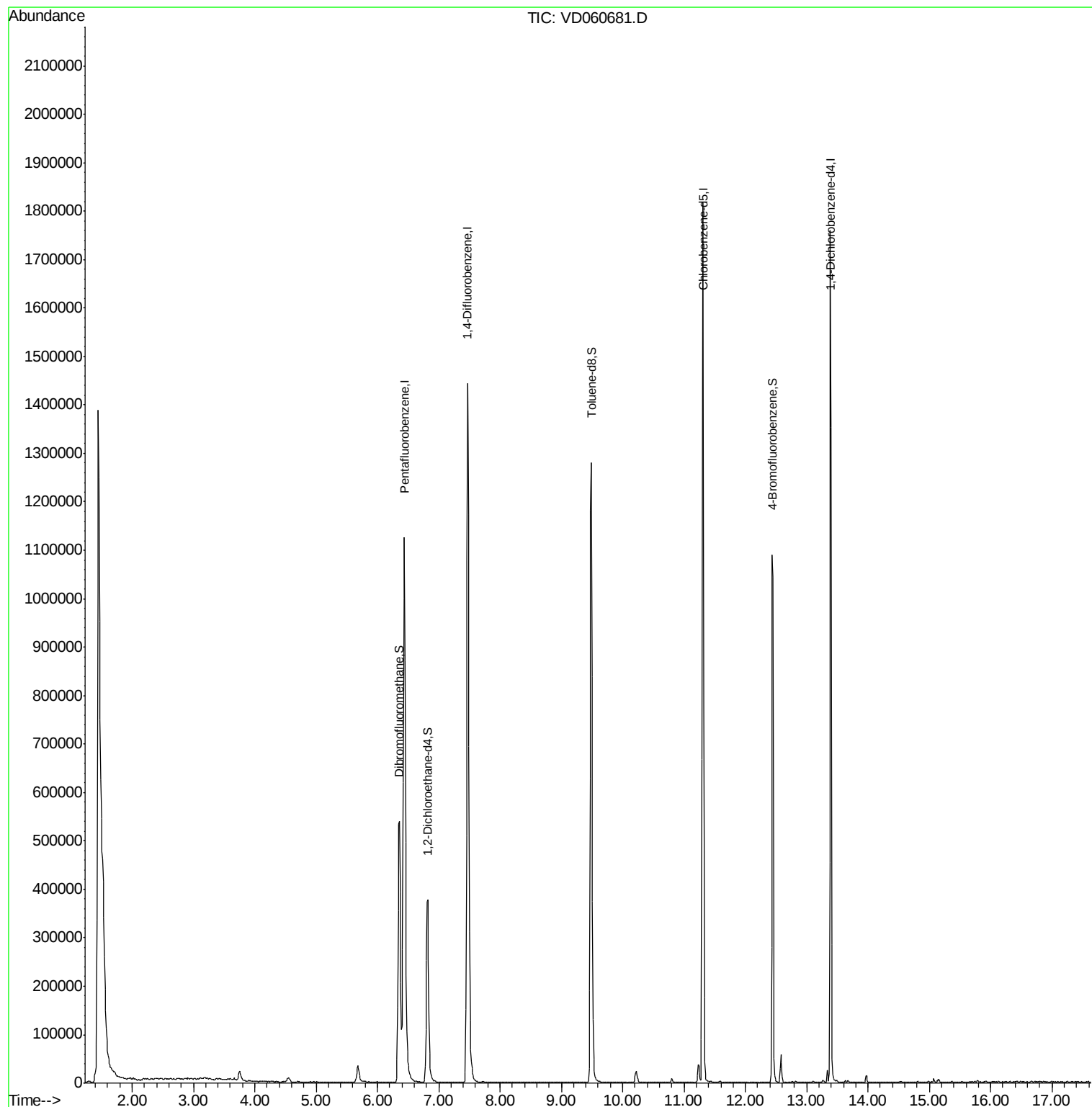
Target Compounds	Qvalue

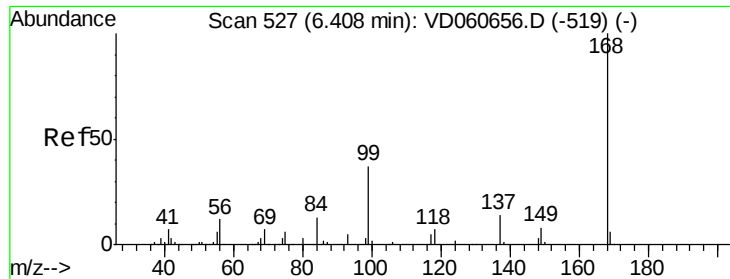
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 21 03:34:39 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: VD060681.D

Acq: 21 Dec 2018 13:58

Instrument :

MSVOA_D

ClientSampleId :

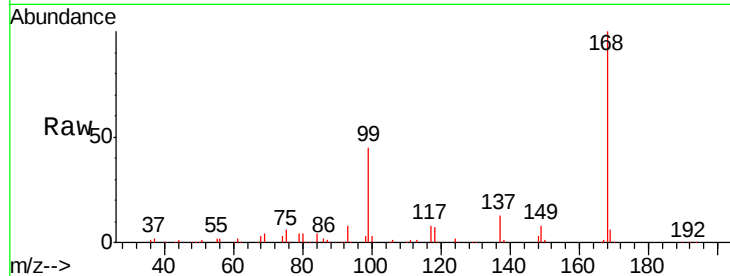
HOUSE-WALLRE

Tgt Ion:168 Resp: 1120113

Ion Ratio Lower Upper

168 100

99 45.3 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.44

500000

400000

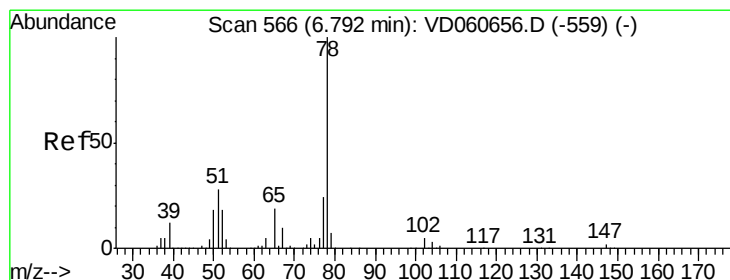
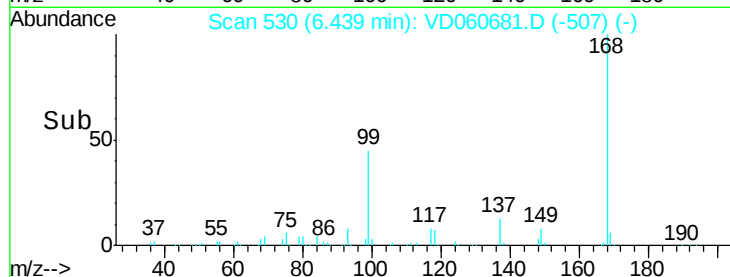
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.82 min Scan# 569

Delta R.T. 0.03 min

Lab File: VD060681.D

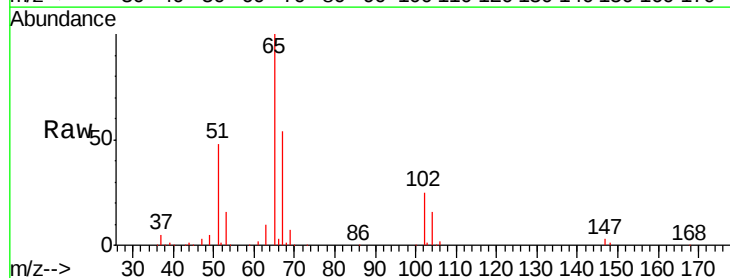
Acq: 21 Dec 2018 13:58

Tgt Ion: 65 Resp: 324981

Ion Ratio Lower Upper

65 100

67 54.4 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

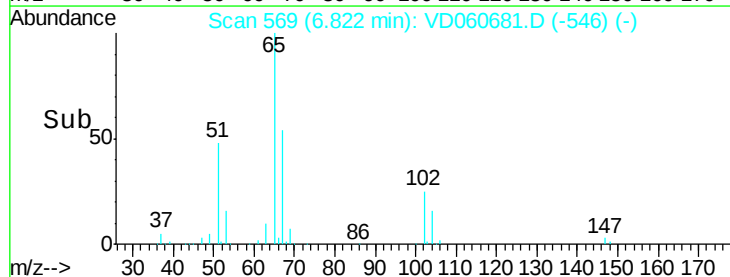
6.82

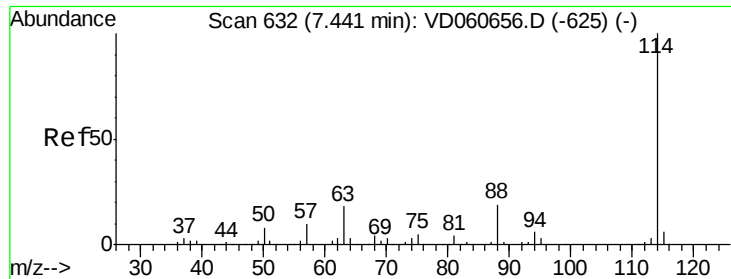
100000

50000

0

Time-->

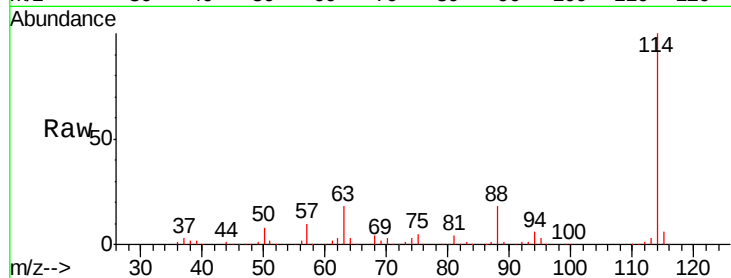




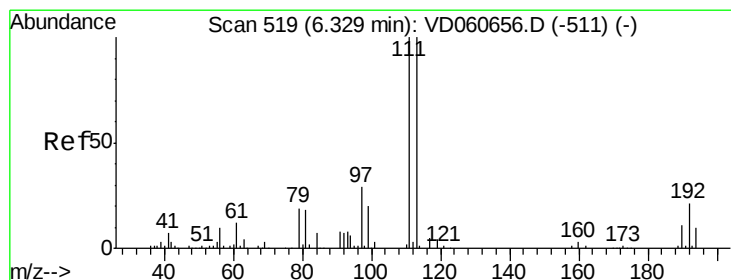
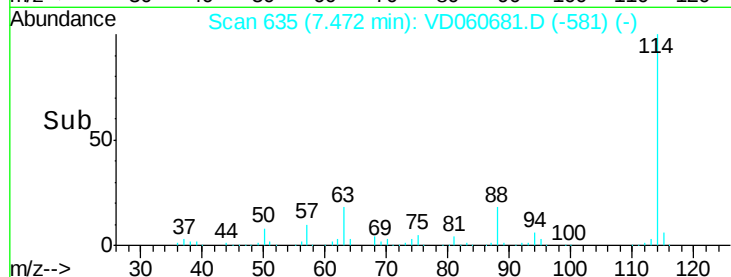
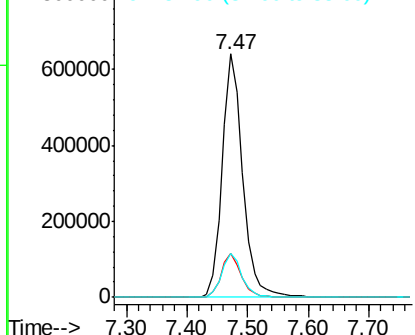
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.47 min Scan# 635
 Delta R.T. 0.03 min
 Lab File: VD060681.D
 Acq: 21 Dec 2018 13:58

Instrument :
 MSVOA_D
 ClientSampleId :
 HOUSE-WALLRE

Tgt Ion:114 Resp: 1506815
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.2
 88 17.8 0.0 37.0

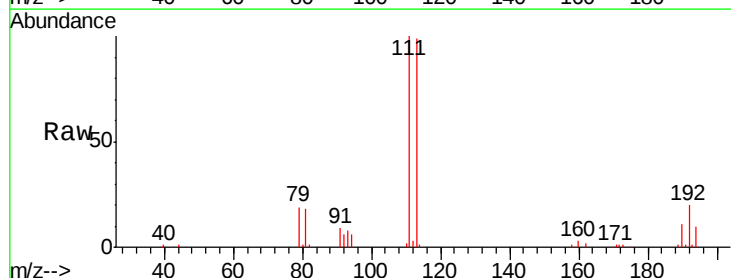


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

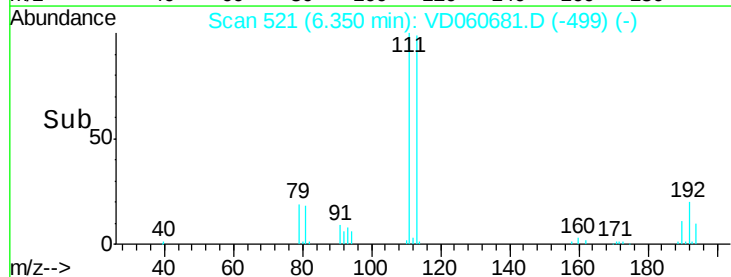
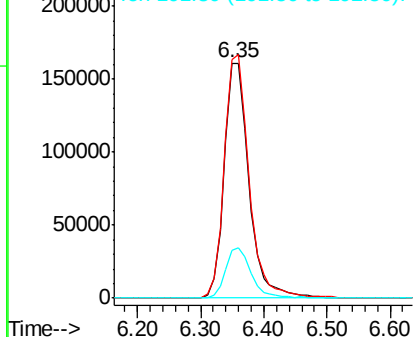


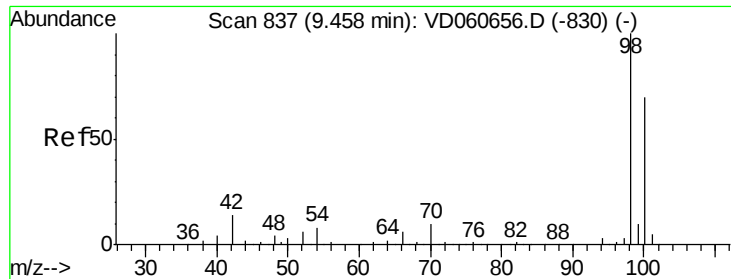
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.35 min Scan# 521
 Delta R.T. 0.02 min
 Lab File: VD060681.D
 Acq: 21 Dec 2018 13:58

Tgt Ion:113 Resp: 441323
 Ion Ratio Lower Upper
 113 100
 111 101.5 80.0 120.0
 192 20.6 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: VD060681.D

Acq: 21 Dec 2018 13:58

Instrument :

MSVOA_D

ClientSampleId :

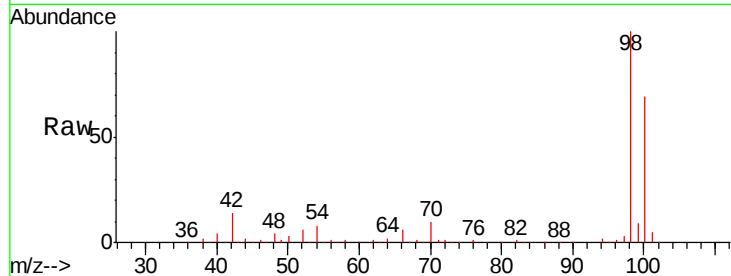
HOUSE-WALLRE

Tgt Ion: 98 Resp: 1048686

Ion Ratio Lower Upper

98 100

100 68.7 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): VD060656.D (-830) (-)

Ion 100.05 (99.75 to 100.75): VD060656.D (-830) (-)

9.49

500000

400000

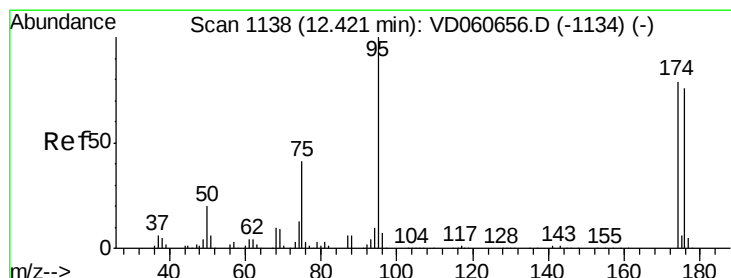
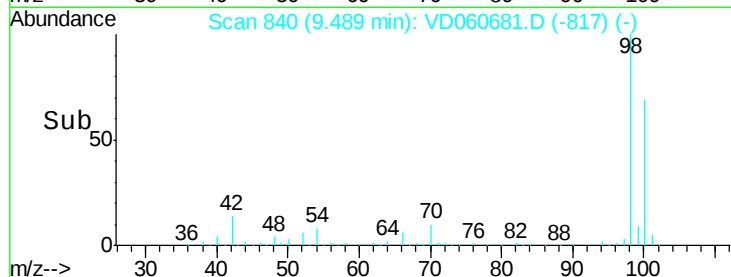
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1140

Delta R.T. 0.02 min

Lab File: VD060681.D

Acq: 21 Dec 2018 13:58

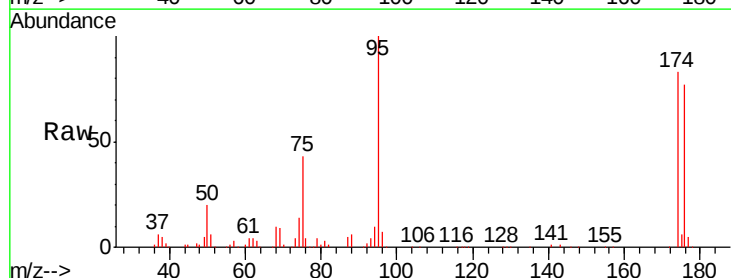
Tgt Ion: 95 Resp: 331644

Ion Ratio Lower Upper

95 100

174 82.8 0.0 158.2

176 76.8 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): VD060656.D (-1134) (-)

Ion 173.90 (173.60 to 174.60): VD060656.D (-1134) (-)

Ion 175.90 (175.60 to 176.60): VD060656.D (-1134) (-)

300000

250000

200000

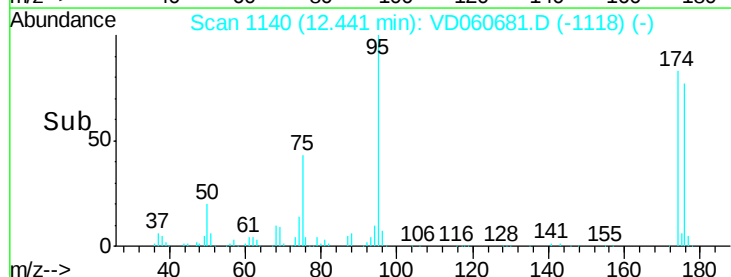
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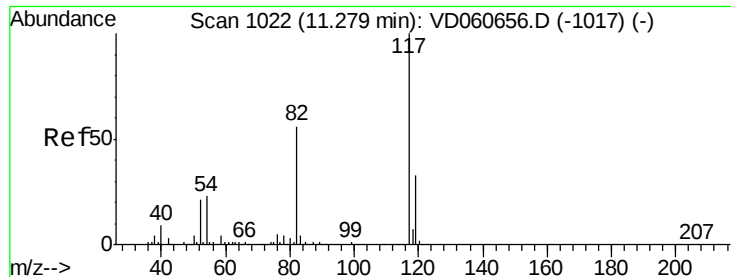
100000

50000

0

Time-->

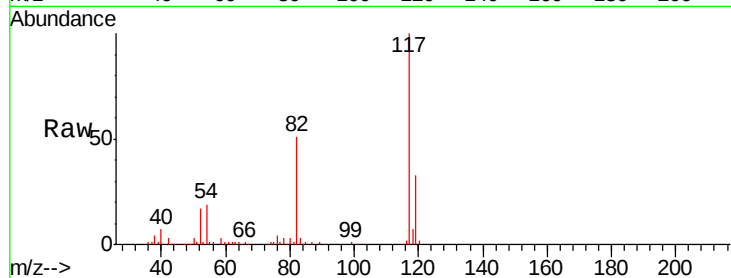




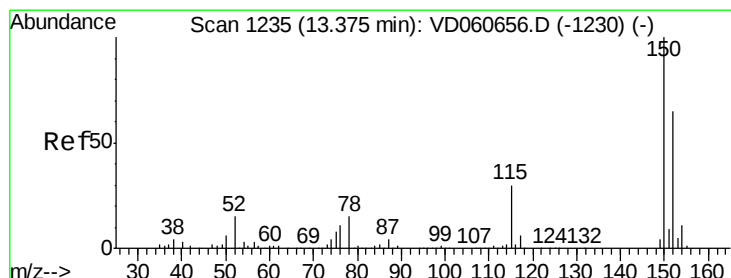
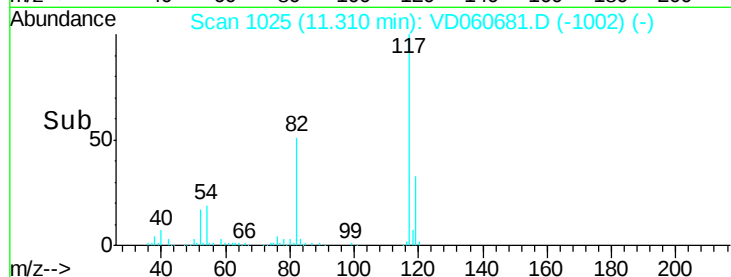
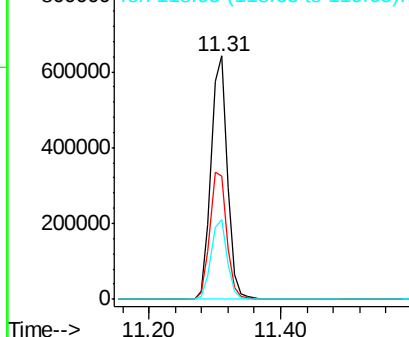
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.31 min Scan# 1025
Delta R.T. 0.03 min
Lab File: VD060681.D
Acq: 21 Dec 2018 13:58

Instrument :
MSVOA_D
ClientSampleId :
HOUSE-WALLRE

Tgt Ion:117 Resp: 1081226
Ion Ratio Lower Upper
117 100
82 50.9 44.5 66.7
119 32.8 26.3 39.5

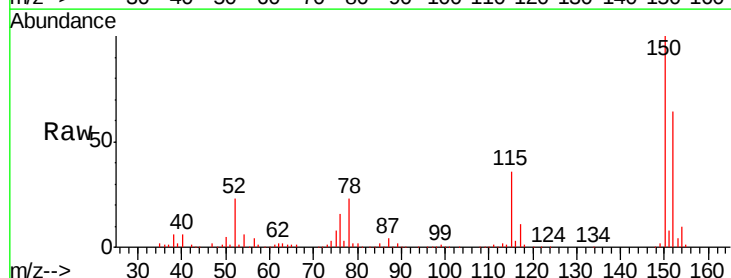


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.39 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VD060681.D
Acq: 21 Dec 2018 13:58

Tgt Ion:152 Resp: 411152
Ion Ratio Lower Upper
152 100
115 56.1 24.1 72.3
150 155.6 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

