

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
 Data File : VD060182.D
 Acq On : 24 Oct 2018 15:22
 Operator : JC/SY
 Sample : J5200-15
 Misc : 6.93g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-102318-B

Quant Time: Oct 25 04:10:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

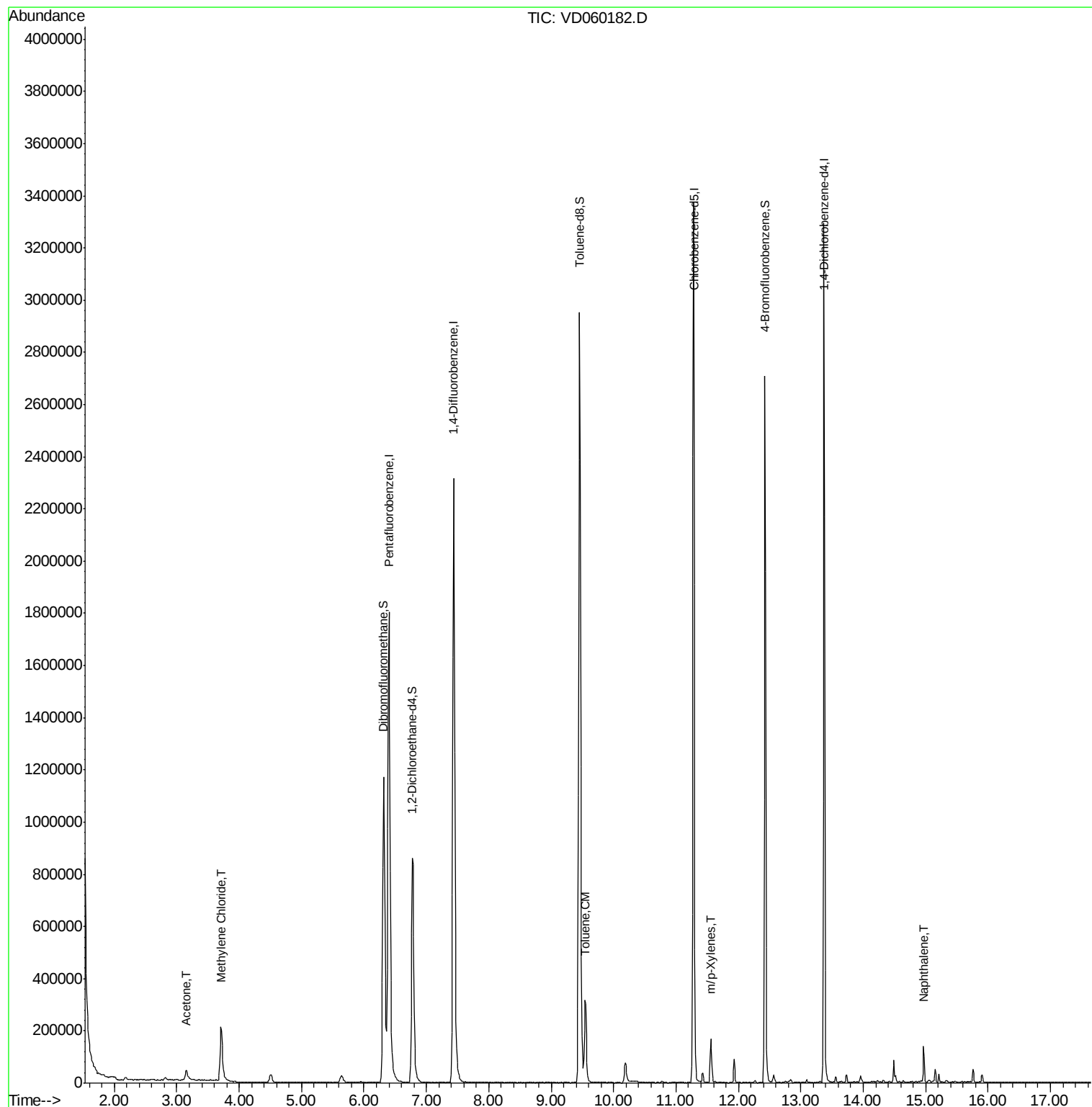
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1771667	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	2459230	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1800758	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	727993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	736888	54.87	ug/l	0.02
Spiked Amount 50.000			Recovery	=	109.74%	
35) Dibromofluoromethane	6.31	113	945278	50.62	ug/l	0.02
Spiked Amount 50.000			Recovery	=	101.24%	
50) Toluene-d8	9.45	98	2435110	45.73	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.46%	
62) 4-Bromofluorobenzene	12.42	95	794440	39.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.68%	
Target Compounds						
16) Acetone	3.15	43	79703	32.708	ug/l	98
20) Methylene Chloride	3.71	84	132800	2.870	ug/l	97
52) Toluene	9.54	92	160920	4.064	ug/l	99
68) m/p-Xylenes	11.56	106	50637	2.147	ug/l	90
95) Naphthalene	14.96	128	83512	3.247	ug/l	99

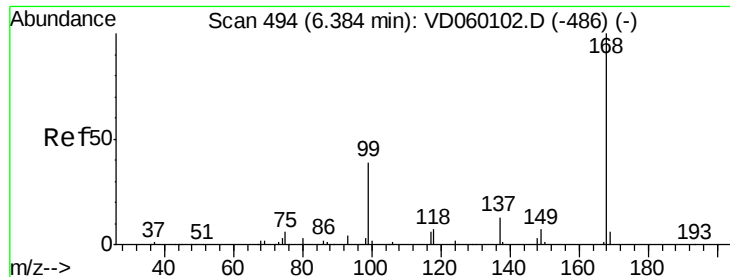
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102418\
Data File : VD060182.D
Acq On : 24 Oct 2018 15:22
Operator : JC/SY
Sample : J5200-15
Misc : 6.93g/5ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-02-102318-B

Quant Time: Oct 25 04:10:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060182.D

Acq: 24 Oct 2018 15:22

Instrument :

MSVOA_D

ClientSampleId :

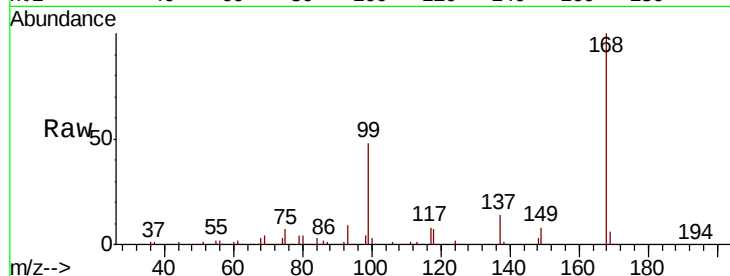
OR-02-102318-B

Tot Ion:168 Resp: 1771667

Ion Ratio Lower Upper

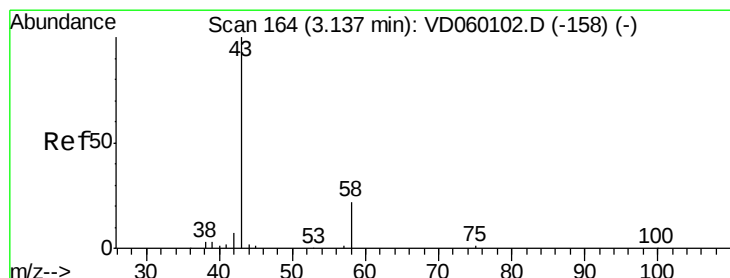
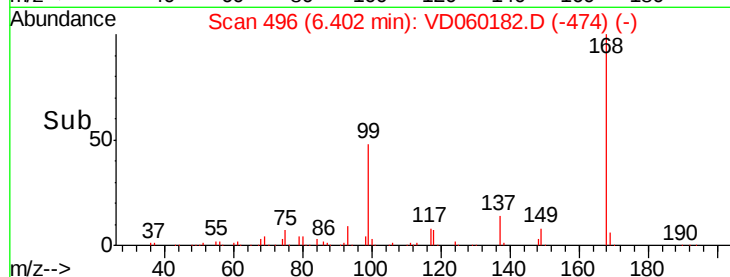
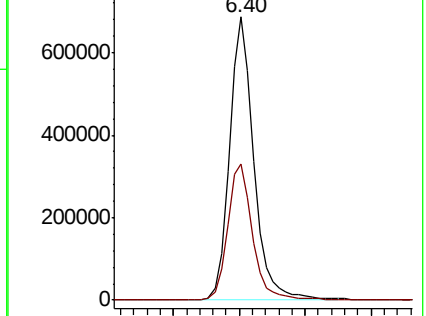
168 100

99 48.3 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 32.708 ug/l

RT: 3.15 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060182.D

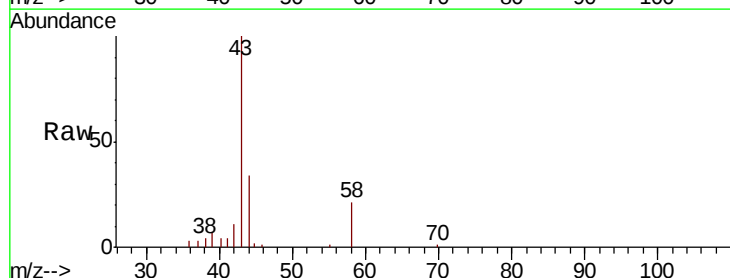
Acq: 24 Oct 2018 15:22

Tgt Ion: 43 Resp: 79703

Ion Ratio Lower Upper

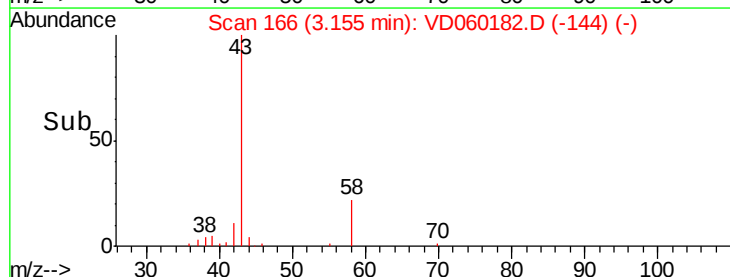
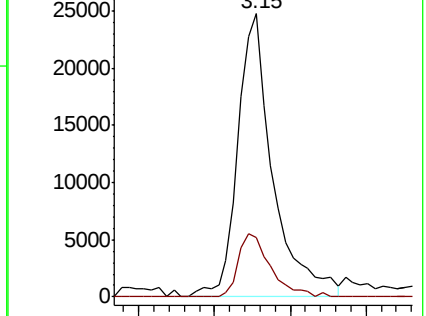
43 100

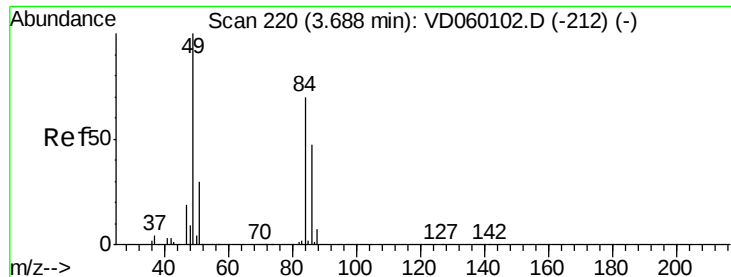
58 21.1 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

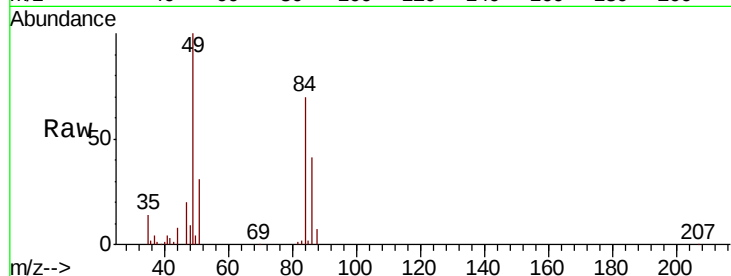




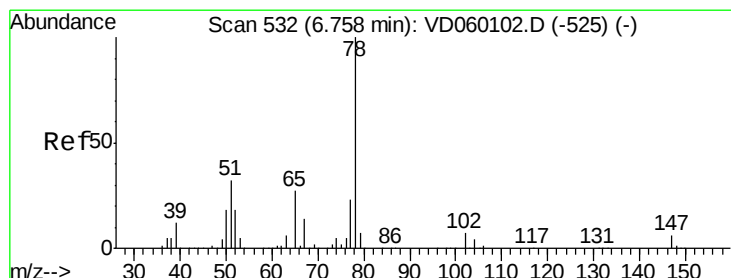
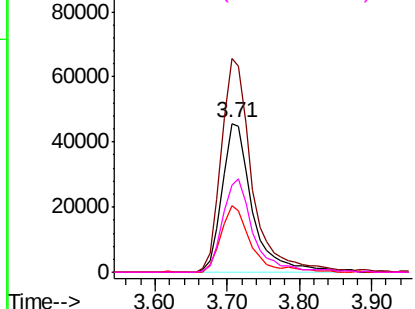
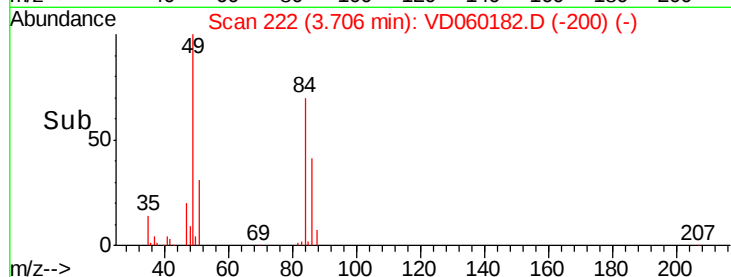
#20
Methvlene Chloride
Concen: 2.870 ug/l
RT: 3.71 min Scan# 222
Delta R.T. 0.02 min
Lab File: VD060182.D
Acq: 24 Oct 2018 15:22

Instrument :
MSVOA_D
ClientSampleId :
OR-02-102318-B

Tot Ion: 84 Resp: 132800
Ion Ratio Lower Upper
84 100
49 143.6 114.6 172.0
51 45.0 33.8 50.8
86 58.7 53.3 79.9

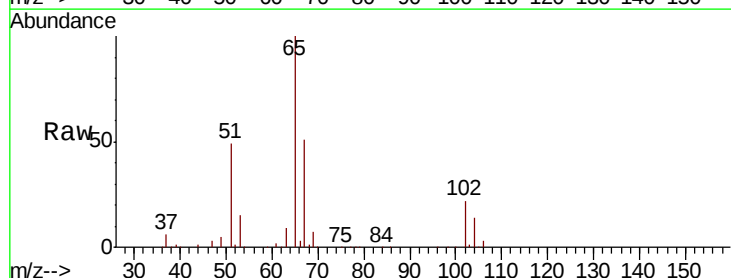


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

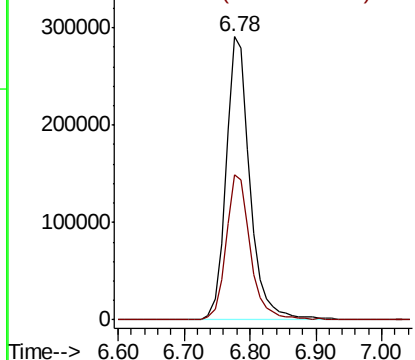
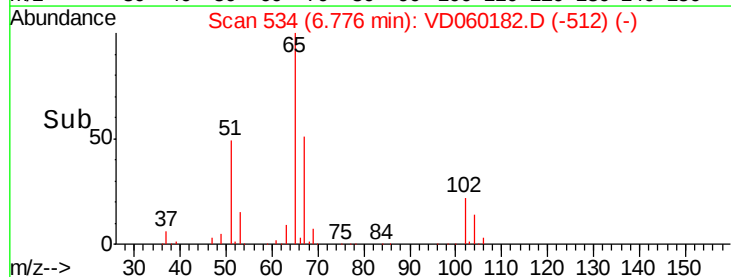


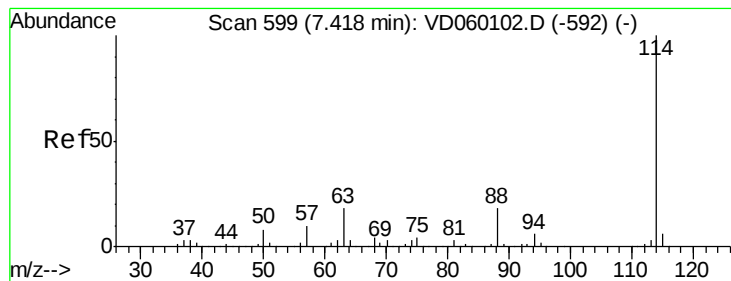
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.02 min
Lab File: VD060182.D
Acq: 24 Oct 2018 15:22

Tgt Ion: 65 Resp: 736888
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.2



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: 7.44 min Scan# 601

Delta R.T. 0.02 min

Lab File: VD060182.D

Acq: 24 Oct 2018 15:22

Instrument :

MSVOA_D

ClientSampleId :

OR-02-102318-B

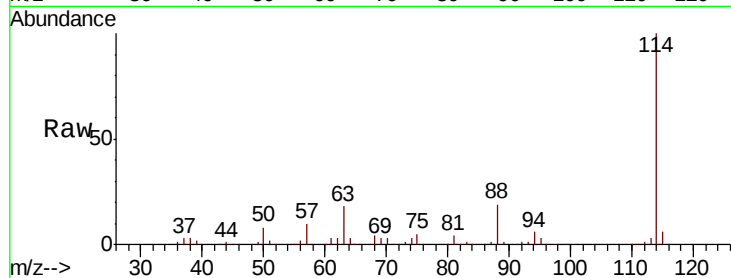
Tot Ion:114 Resp: 2459230

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.0

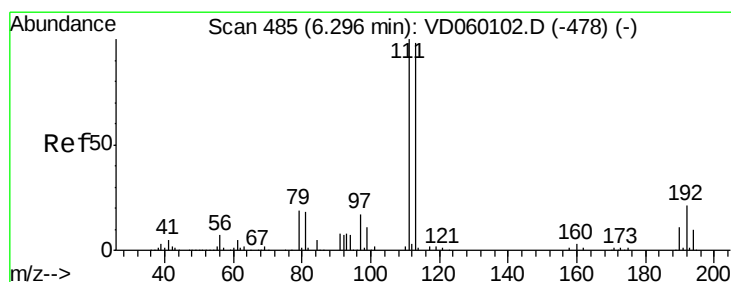
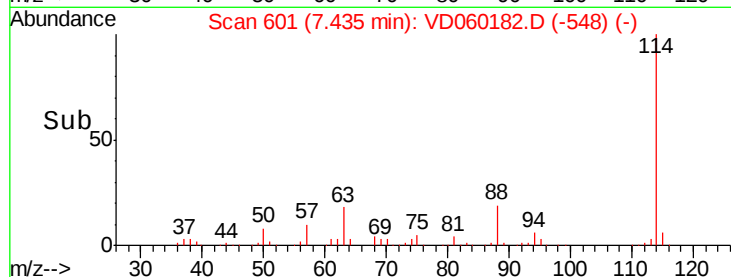
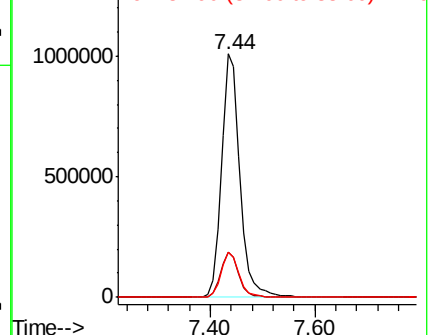
88 18.8 0.0 36.2



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: 6.31 min Scan# 487

Delta R.T. 0.02 min

Lab File: VD060182.D

Acq: 24 Oct 2018 15:22

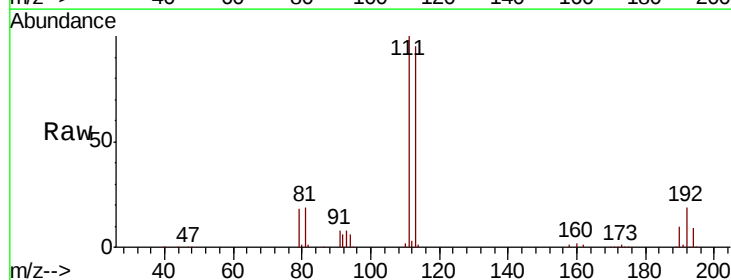
Tgt Ion:113 Resp: 945278

Ion Ratio Lower Upper

113 100

111 105.5 81.5 122.3

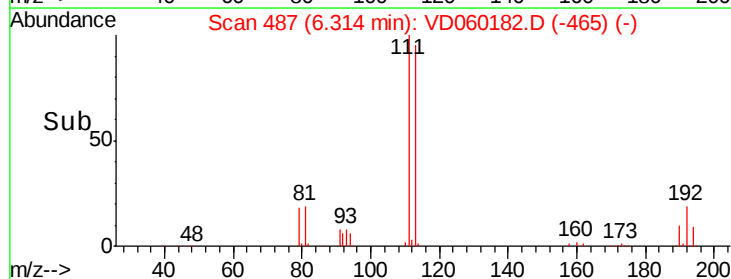
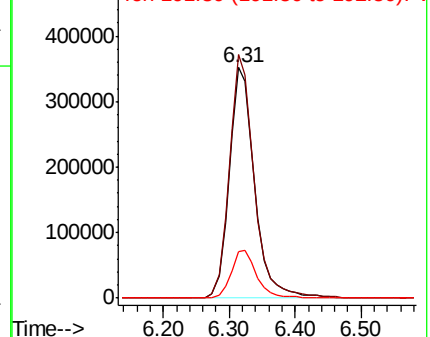
192 20.0 17.4 26.0

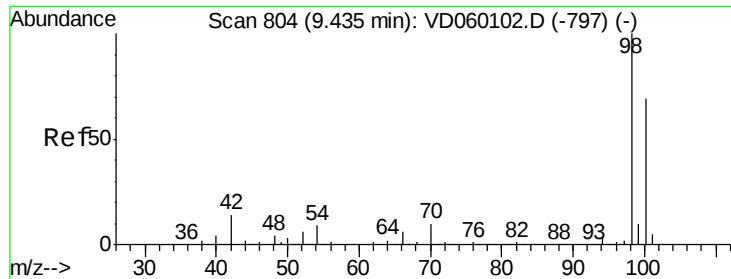


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

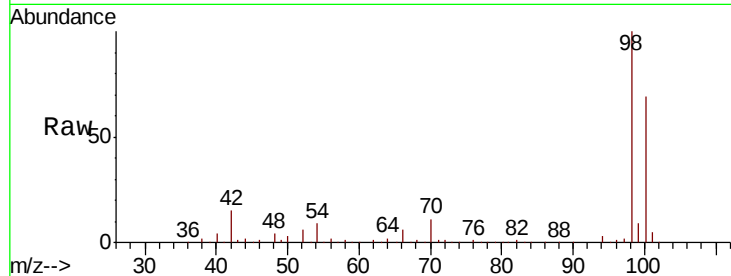




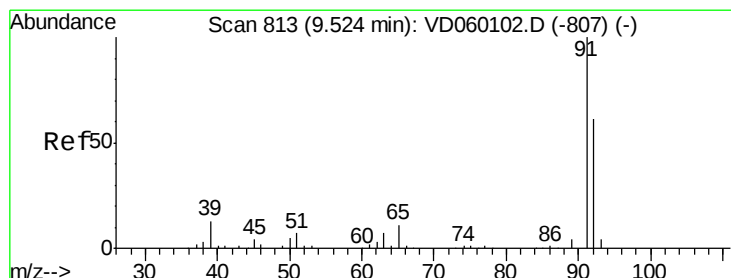
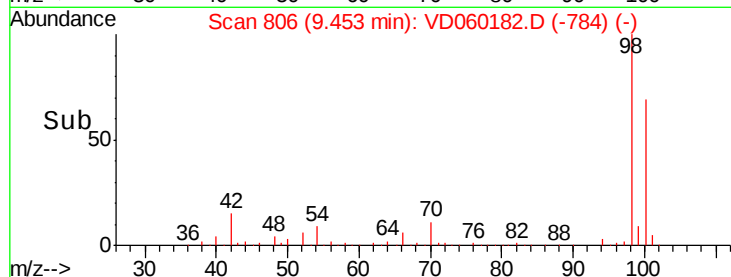
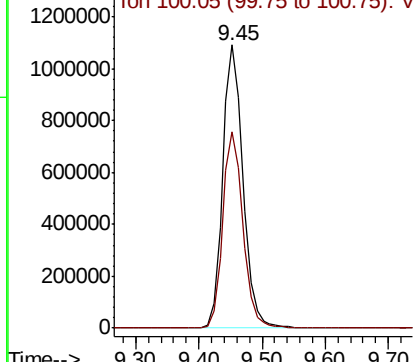
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060182.D
Acq: 24 Oct 2018 15:22

Instrument :
MSVOA_D
ClientSampleId :
OR-02-102318-B

Tot Ion: 98 Resp: 2435110
Ion Ratio Lower Upper
98 100
100 69.5 55.4 83.0

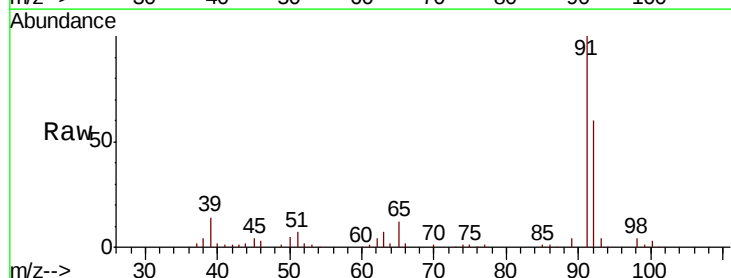


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

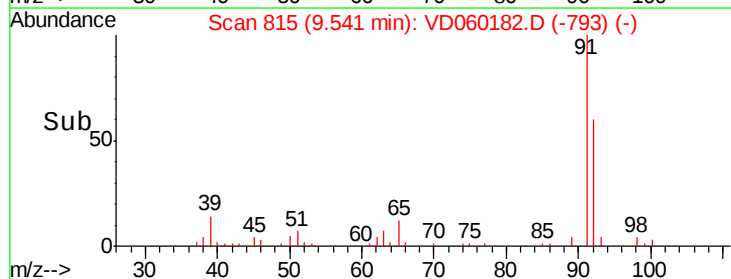
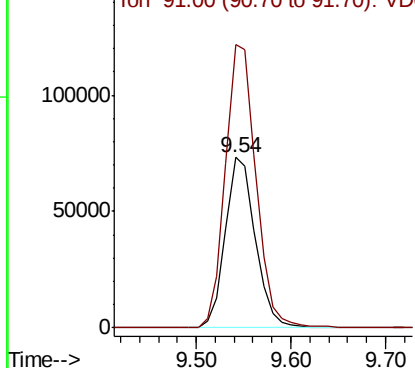


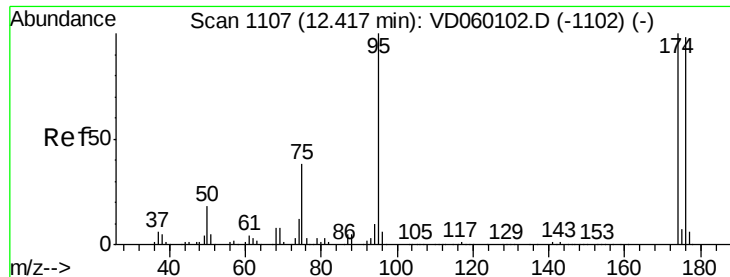
#52
Toluene
Concen: 4.064 ug/l
RT: 9.54 min Scan# 815
Delta R.T. 0.02 min
Lab File: VD060182.D
Acq: 24 Oct 2018 15:22

Tgt Ion: 92 Resp: 160920
Ion Ratio Lower Upper
92 100
91 166.4 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060182.D

Acq: 24 Oct 2018 15:22

Instrument :

MSVOA_D

ClientSampleId :

OR-02-102318-B

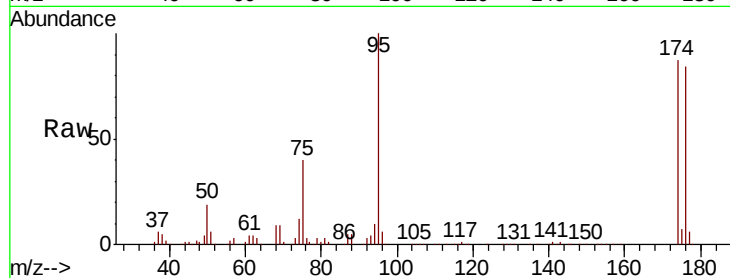
Tot Ion: 95 Resp: 794440

Ion Ratio Lower Upper

95 100

174 87.2 0.0 200.2

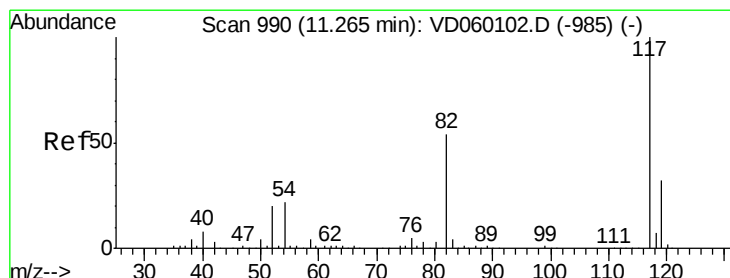
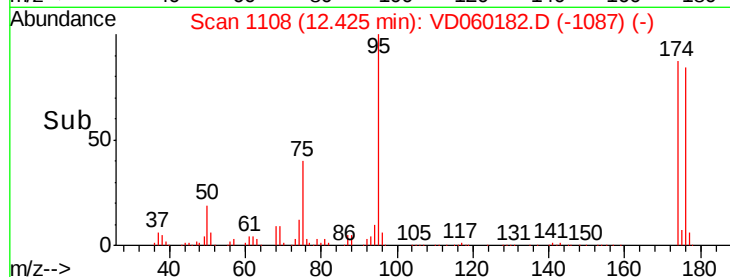
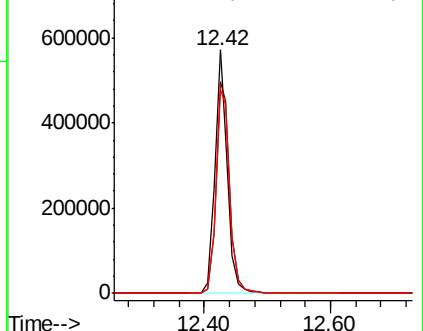
176 83.6 0.0 195.6



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: 50.000 ug/l

RT: 11.28 min Scan# 992

Delta R.T. 0.02 min

Lab File: VD060182.D

Acq: 24 Oct 2018 15:22

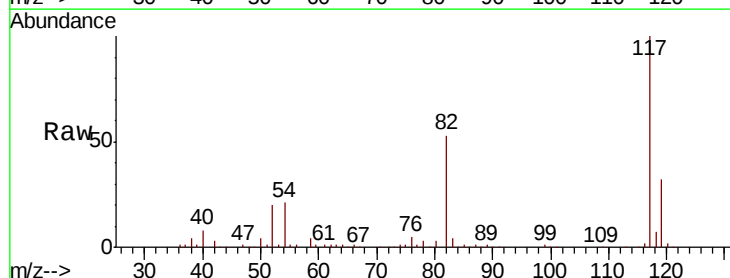
Tgt Ion: 117 Resp: 1800758

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.2

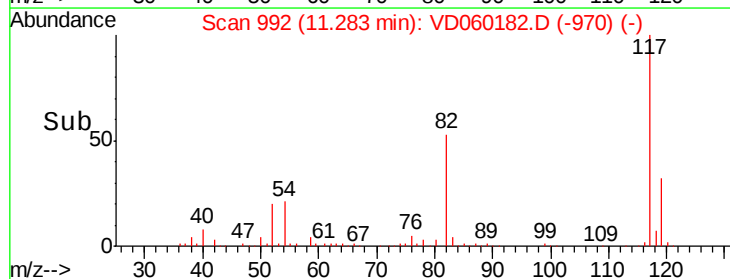
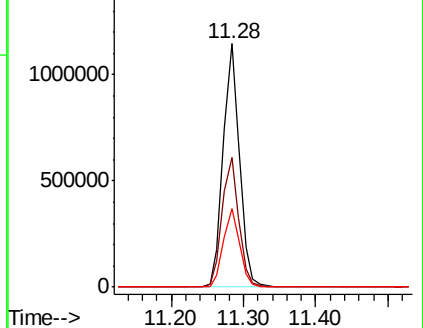
119 32.3 26.0 39.0

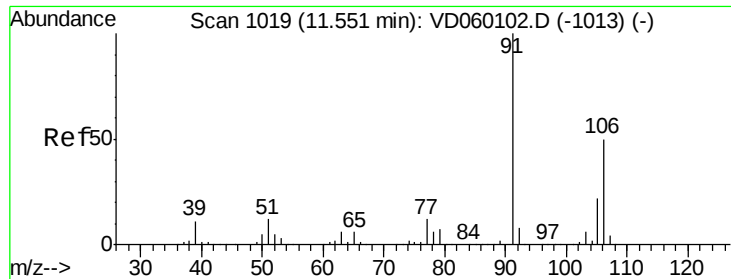


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

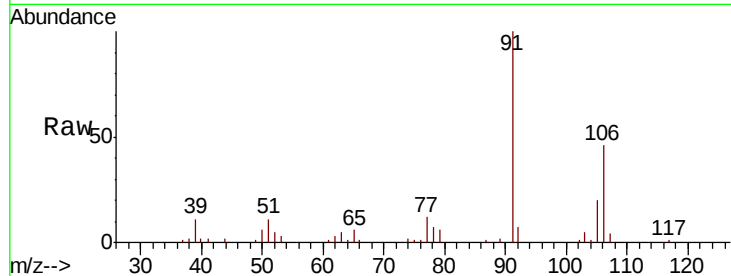




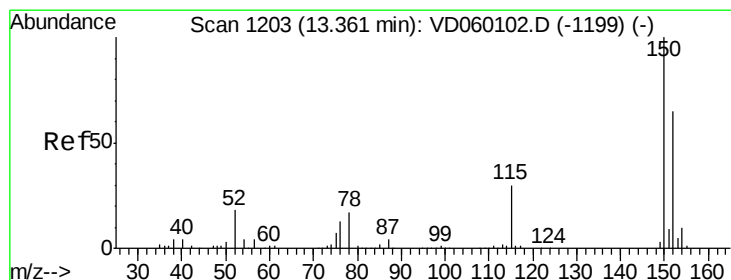
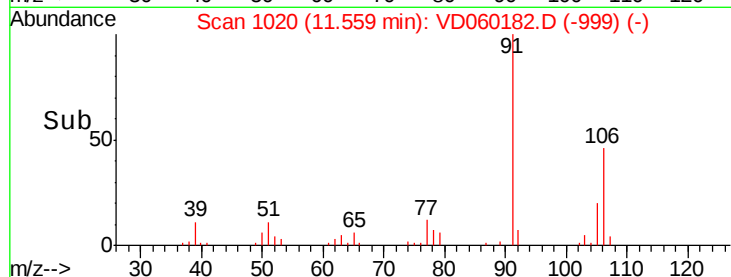
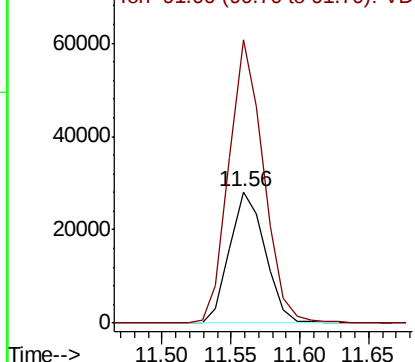
#68
m/p-Xvlenes
Concen: 2.147 ug/l
RT: 11.56 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD060182.D
Acq: 24 Oct 2018 15:22

Instrument :
MSVOA_D
ClientSampleId :
OR-02-102318-B

Tot Ion:106 Resp: 50637
Ion Ratio Lower Upper
106 100
91 215.4 160.0 240.0

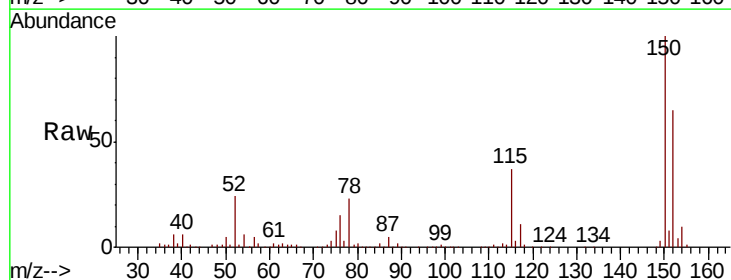


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

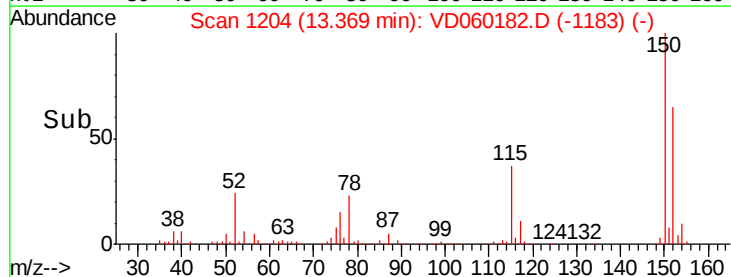
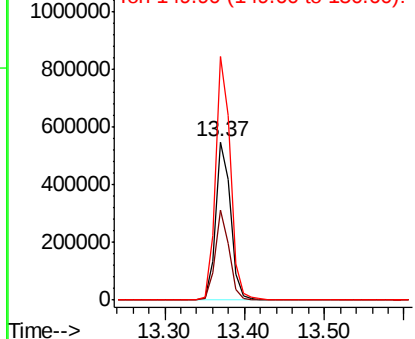


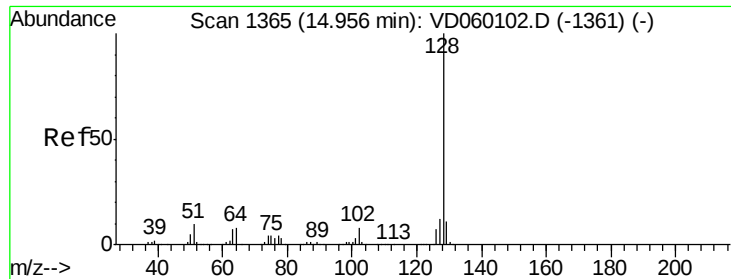
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060182.D
Acq: 24 Oct 2018 15:22

Tgt Ion:152 Resp: 727993
Ion Ratio Lower Upper
152 100
115 56.8 27.1 81.2
150 154.0 0.0 311.8



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

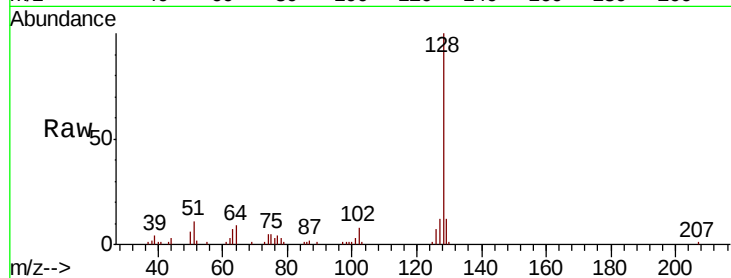




#95
Naphthalene
Concen: 3.247 ug/l
RT: 14.96 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VD060182.D
Acq: 24 Oct 2018 15:22

Instrument :
MSVOA_D
ClientSampleId :
OR-02-102318-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.1	9.9	14.9
129	11.7	8.8	13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

