

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121818\
 Data File : VD060628.D
 Acq On : 18 Dec 2018 18:31
 Operator : VA/AP
 Sample : J6445-04RE
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB02_6-8RE

Quant Time: Dec 19 15:59:13 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

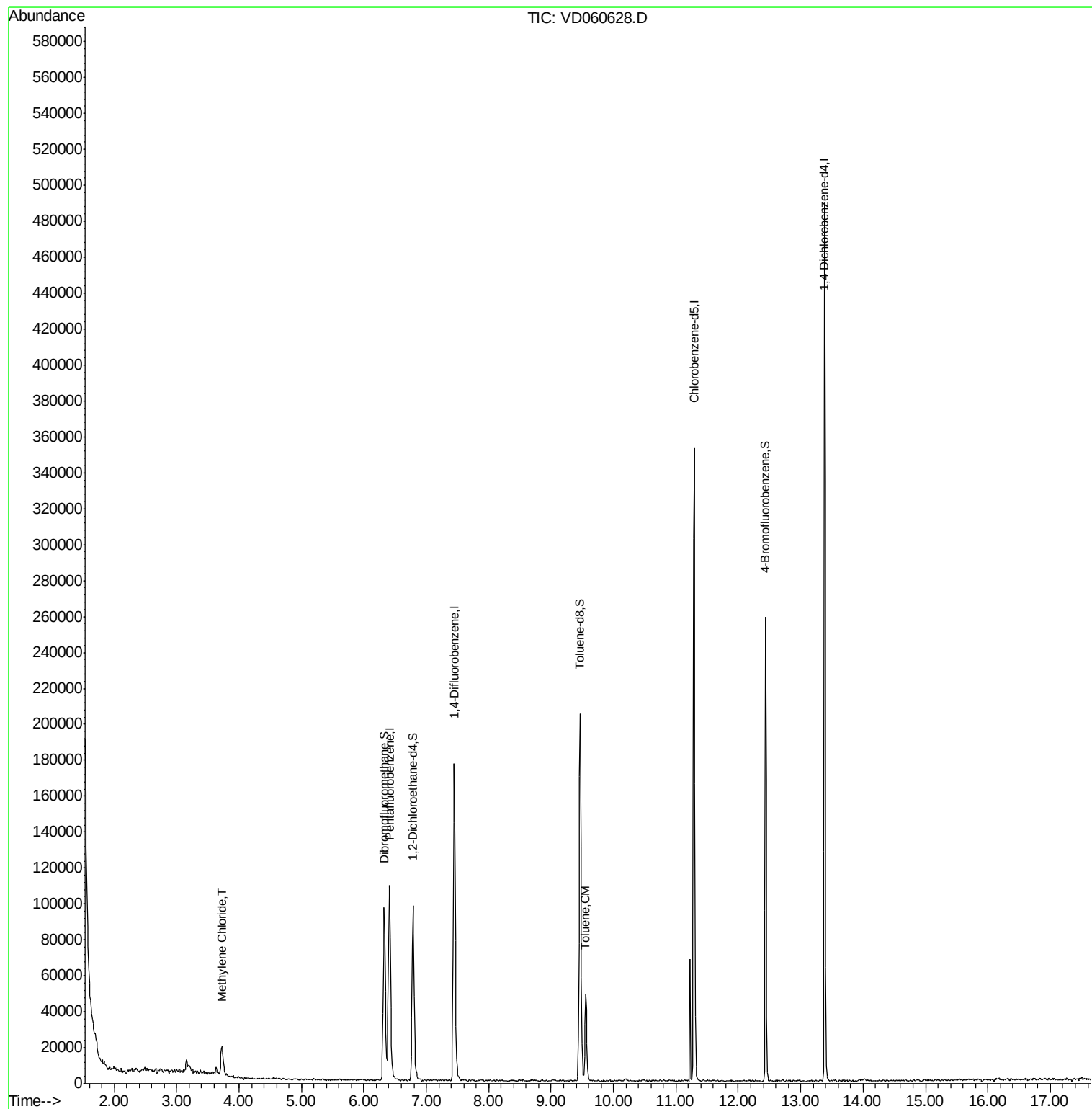
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	107669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	176719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	183298	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	103006	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	81678	107.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	214.06%	
35) Dibromofluoromethane	6.33	113	73238	56.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.84%	
50) Toluene-d8	9.46	98	150788	40.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.28%	
62) 4-Bromofluorobenzene	12.44	95	67340	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
Target Compounds						
20) Methylene Chloride	3.72	84	10938	5.783	ug/l #	90
52) Toluene	9.55	92	25058	9.081	ug/l	97

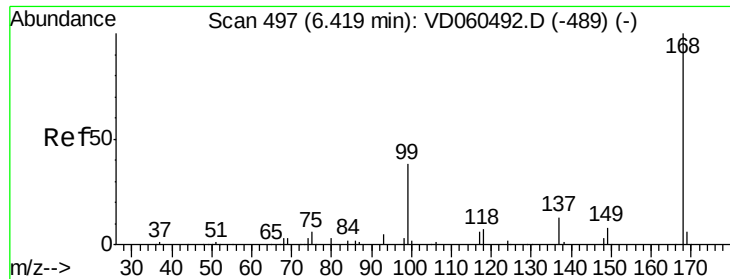
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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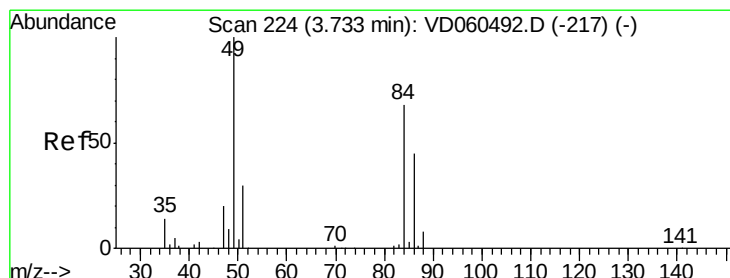
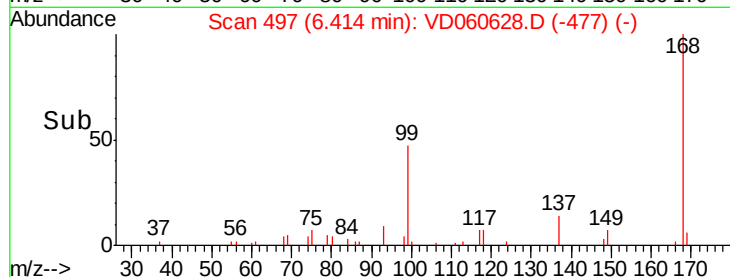
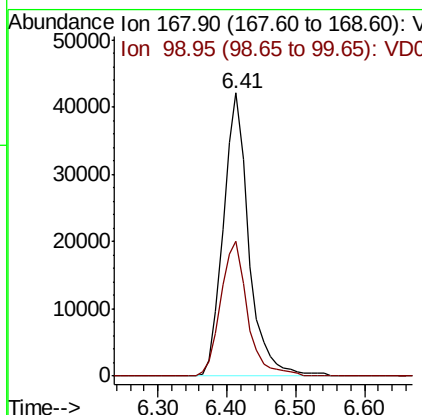
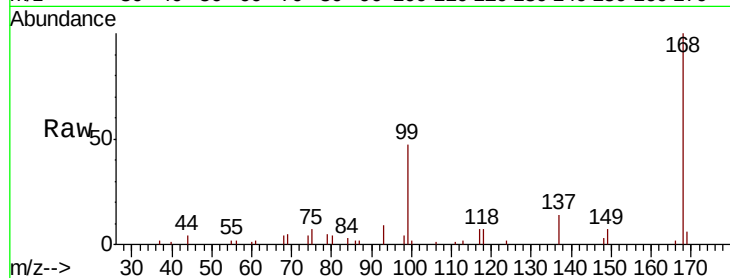




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.01 min
Lab File: VD060628.D
Acq: 18 Dec 2018 18:31

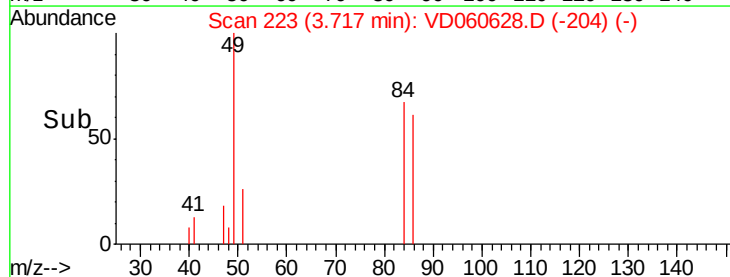
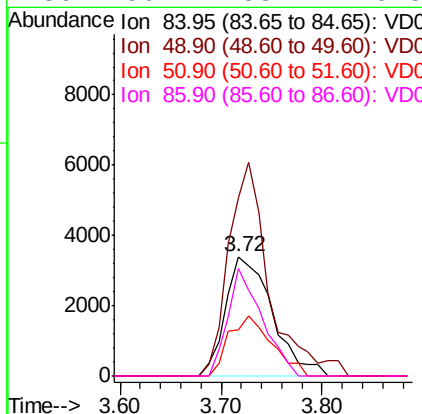
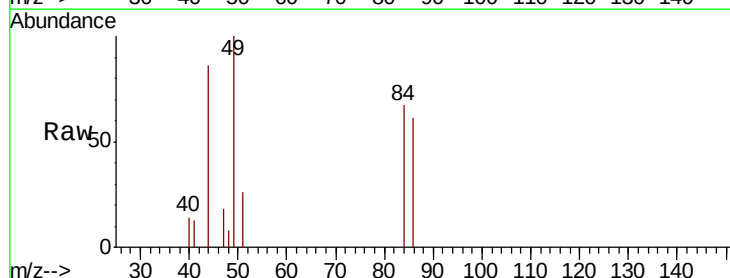
Instrument :
MSVOA_D
ClientSampleId :
EB02_6-8RE

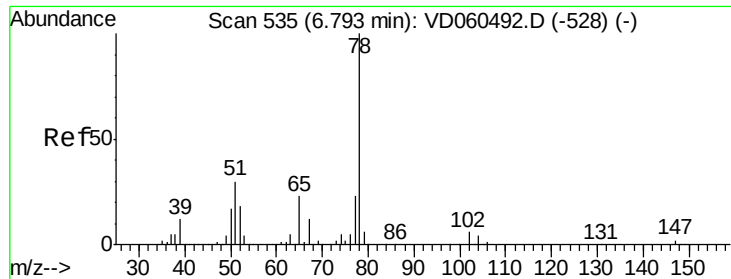
Tot Ion:168 Resp: 107669
Ion Ratio Lower Upper
168 100
99 47.5 35.6 53.4



#20
Methylene Chloride
Concen: 5.783 ug/l
RT: 3.72 min Scan# 223
Delta R.T. -0.01 min
Lab File: VD060628.D
Acq: 18 Dec 2018 18:31

Tgt Ion: 84 Resp: 10938
Ion Ratio Lower Upper
84 100
49 148.9 117.2 175.8
51 39.2 35.3 52.9
86 90.2 53.2 79.8#

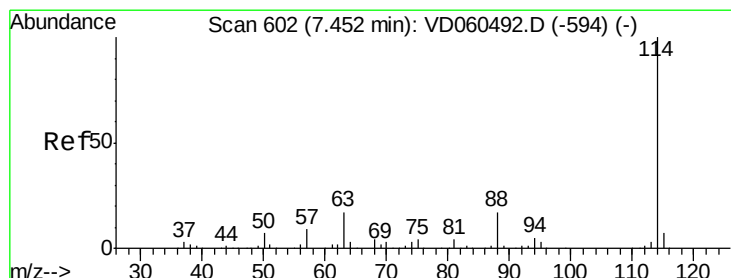
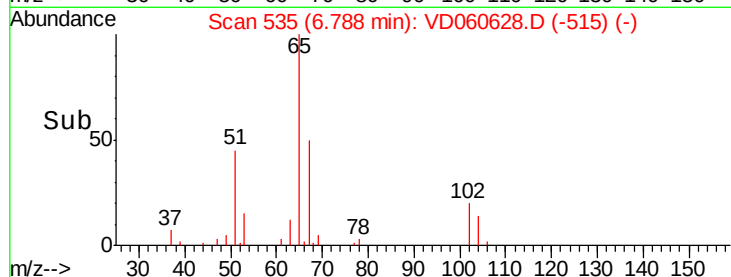
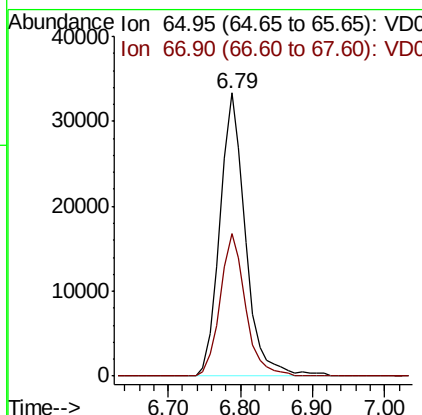
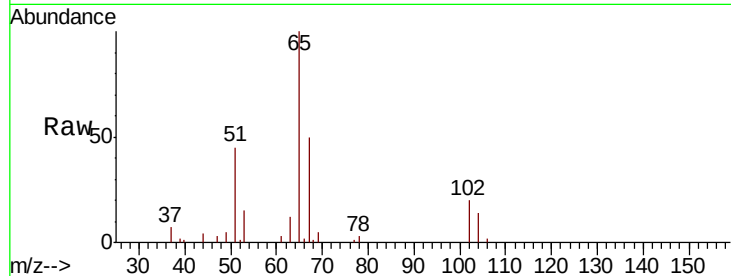




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VD060628.D
 Acq: 18 Dec 2018 18:31

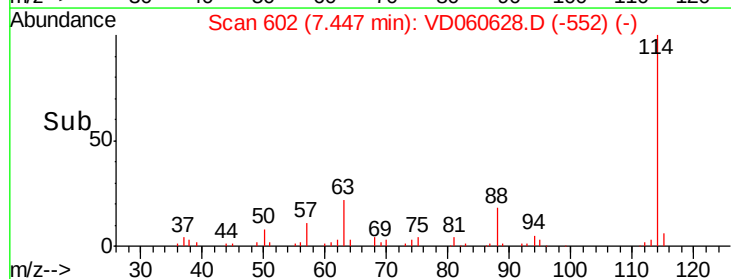
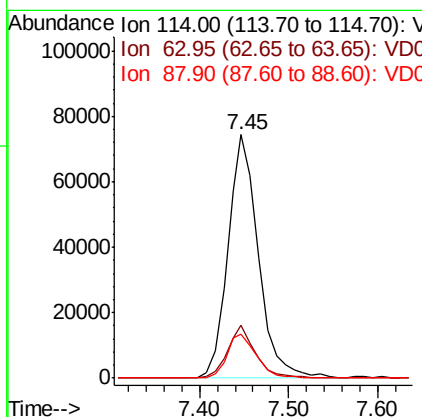
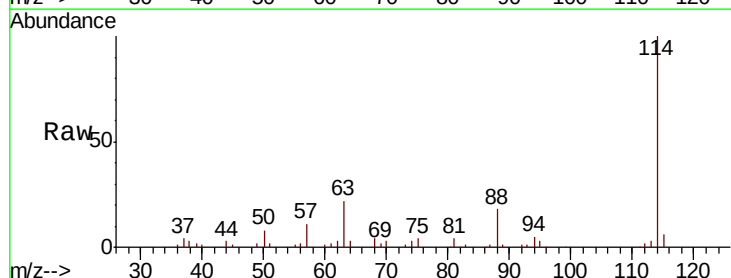
Instrument :
 MSVOA_D
 ClientSampleId :
 EB02_6-8RE

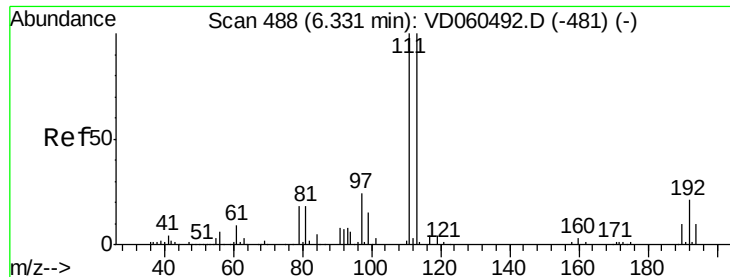
Tot Ion: 65 Resp: 81678
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060628.D
 Acq: 18 Dec 2018 18:31

Tgt Ion: 114 Resp: 176719
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 34.2
 88 17.8 0.0 35.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.33 min Scan# 488

Delta R.T. -0.01 min

Lab File: VD060628.D

Acq: 18 Dec 2018 18:31

Instrument :

MSVOA_D

ClientSampleId :

EB02_6-8RE

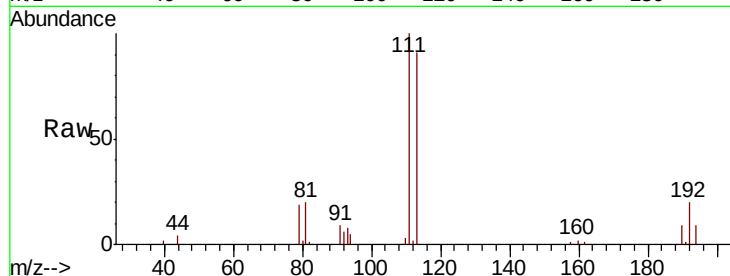
Tot Ion:113 Resp: 73238

Ion Ratio Lower Upper

113 100

111 109.9 80.2 120.4

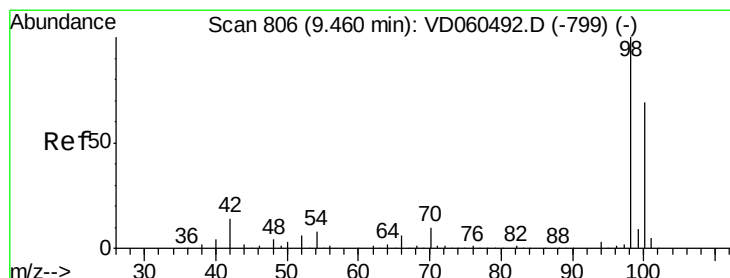
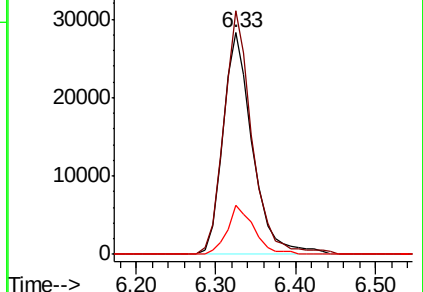
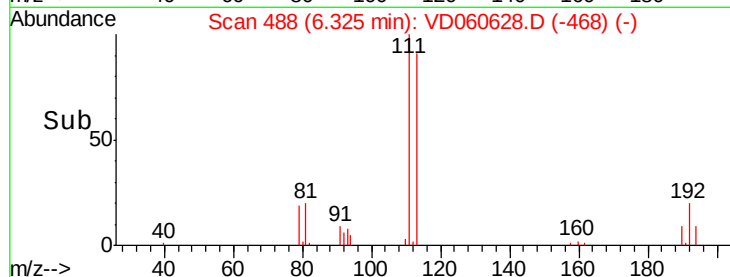
192 22.4 16.6 24.8



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: 9.46 min Scan# 807

Delta R.T. 0.00 min

Lab File: VD060628.D

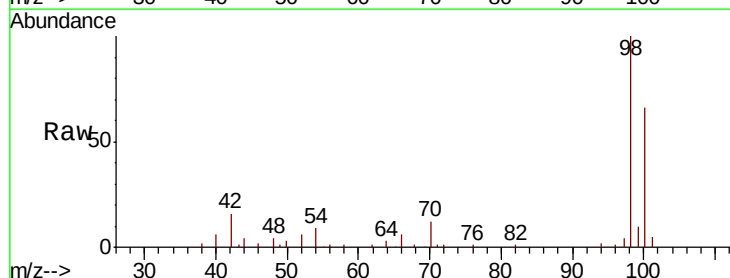
Acq: 18 Dec 2018 18:31

Tgt Ion: 98 Resp: 150788

Ion Ratio Lower Upper

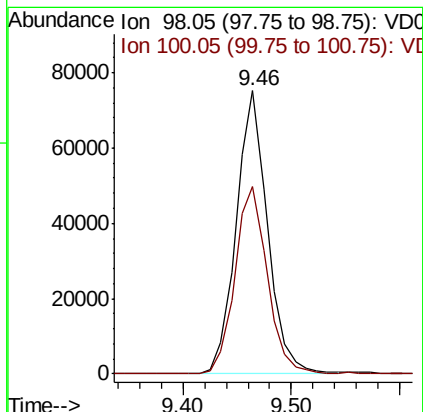
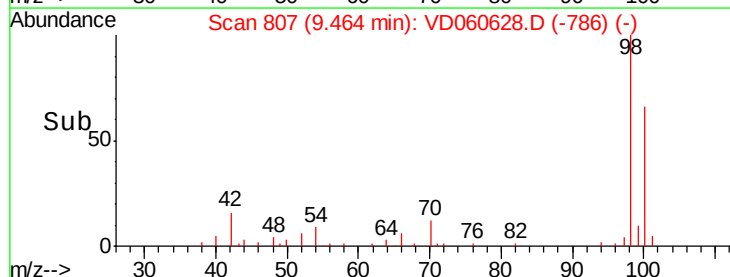
98 100

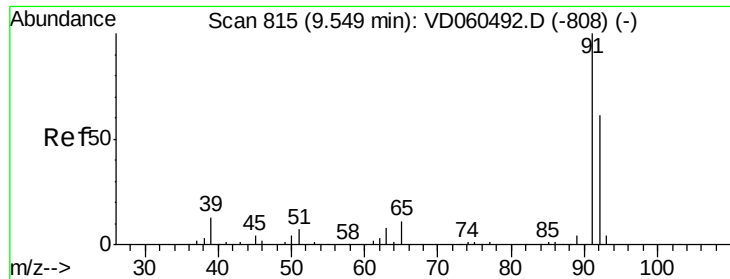
100 66.1 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 9.081 ug/l

RT: 9.55 min Scan# 816

Delta R.T. 0.00 min

Lab File: VD060628.D

Acq: 18 Dec 2018 18:31

Instrument :

MSVOA_D

ClientSampleId :

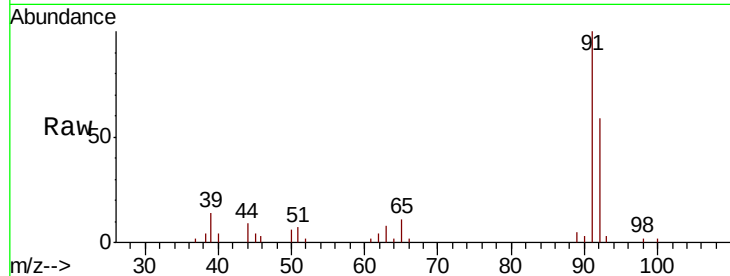
EB02_6-8RE

Tot Ion: 92 Resp: 25058

Ion Ratio Lower Upper

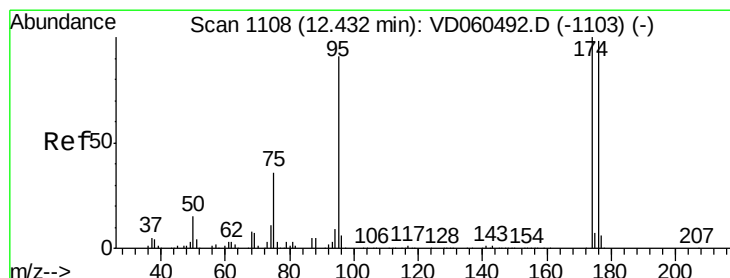
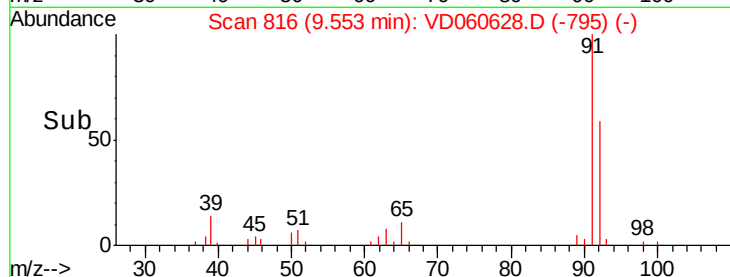
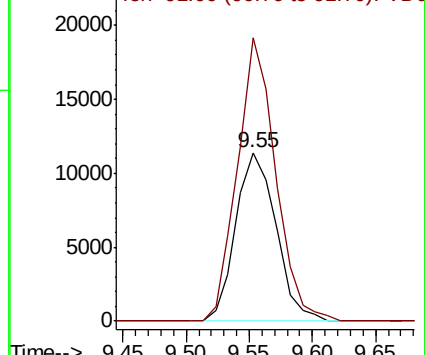
92 100

91 168.3 131.7 197.5



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: 12.44 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VD060628.D

Acq: 18 Dec 2018 18:31

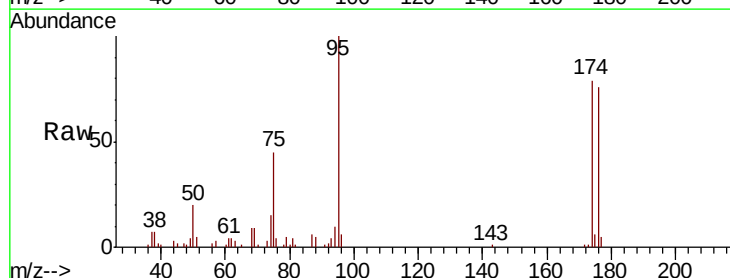
Tgt Ion: 95 Resp: 67340

Ion Ratio Lower Upper

95 100

174 79.0 0.0 219.4

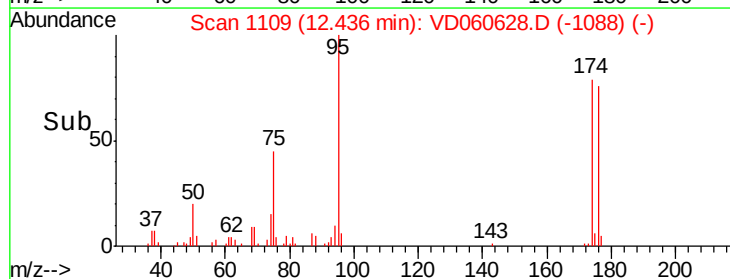
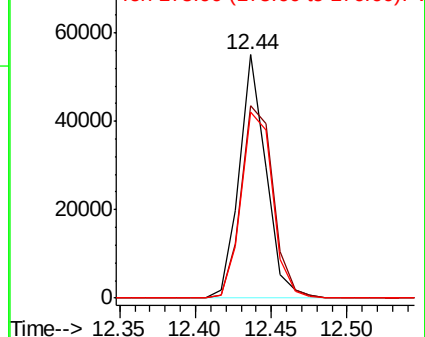
176 76.4 0.0 214.6

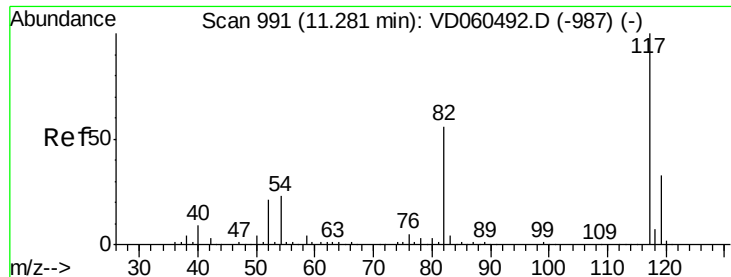


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

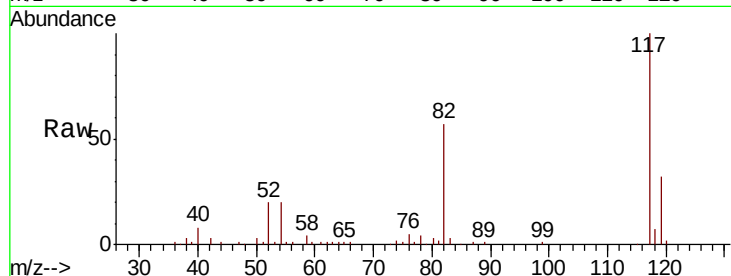




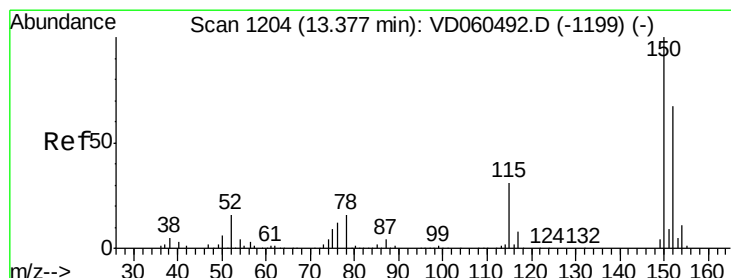
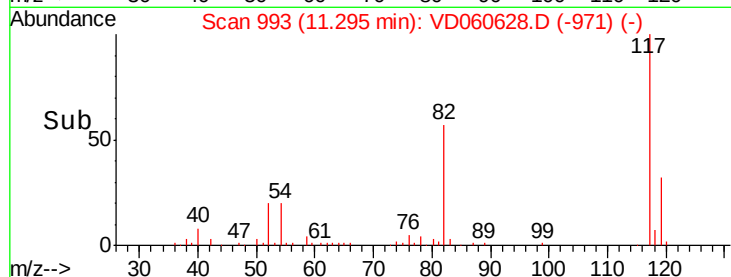
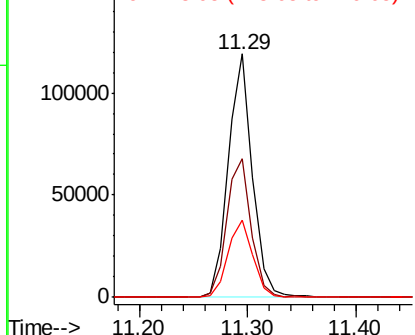
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. 0.01 min
Lab File: VD060628.D
Acq: 18 Dec 2018 18:31

Instrument :
MSVOA_D
ClientSampleId :
EB02_6-8RE

Tot Ion:117 Resp: 183298
Ion Ratio Lower Upper
117 100
82 57.2 45.2 67.8
119 31.7 26.1 39.1

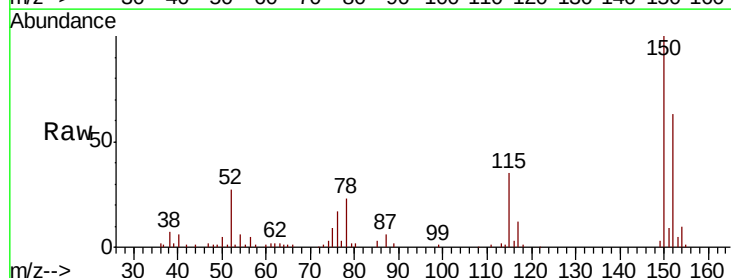


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.00 min
Lab File: VD060628.D
Acq: 18 Dec 2018 18:31

Tgt Ion:152 Resp: 103006
Ion Ratio Lower Upper
152 100
115 56.1 24.6 74.0
150 158.1 0.0 309.0



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

