

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122018\
 Data File : VD060671.D
 Acq On : 20 Dec 2018 21:12
 Operator : VA/AP
 Sample : J6465-05
 Misc : 4.07g/5ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB08_12-14

Quant Time: Dec 21 06:10:38 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

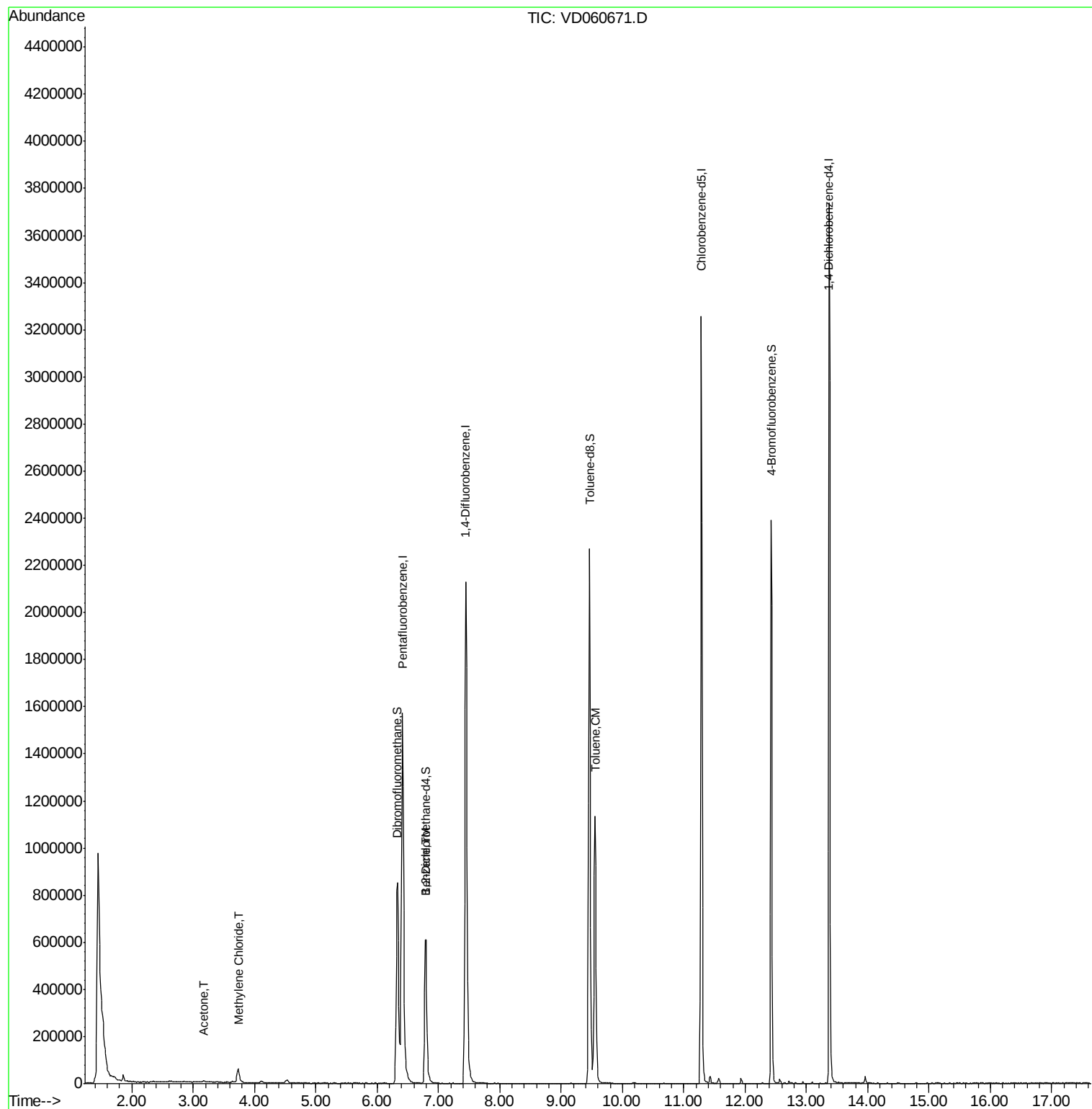
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1546580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	2206187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1756126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	903077	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	484146	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
35) Dibromofluoromethane	6.33	113	684962	42.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.84%	
50) Toluene-d8	9.46	98	1876284	38.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.88%	
62) 4-Bromofluorobenzene	12.43	95	687706	40.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.52%	
Target Compounds						
16) Acetone	3.17	43	13430	7.195	ug/l	93
20) Methylene Chloride	3.74	84	37474	1.933	ug/l	97
40) Benzene	6.81	78	65266	1.112	ug/l	99
52) Toluene	9.55	92	595768	16.195	ug/l	95

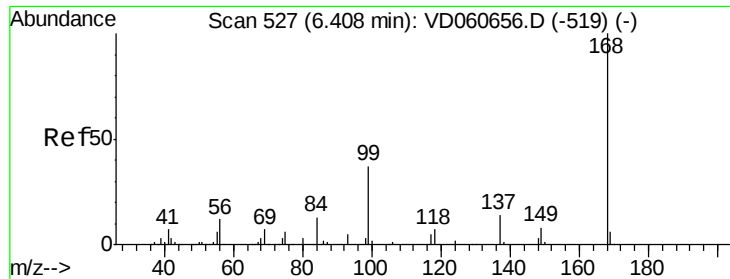
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122018\
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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: 6.41 min Scan# 527

Delta R.T. 0.01 min

Lab File: VD060671.D

Acq: 20 Dec 2018 21:12

Instrument :

MSVOA_D

ClientSampleId :

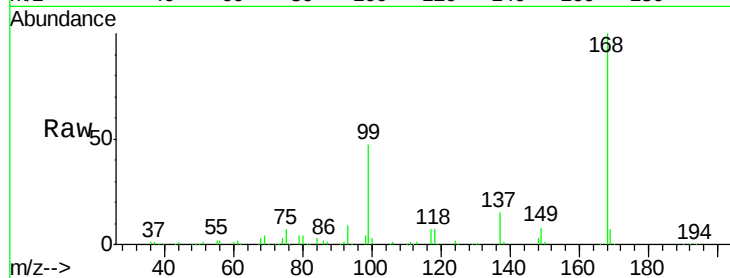
EB08_12-14

Tgt Ion:168 Resp: 1546580

Ion Ratio Lower Upper

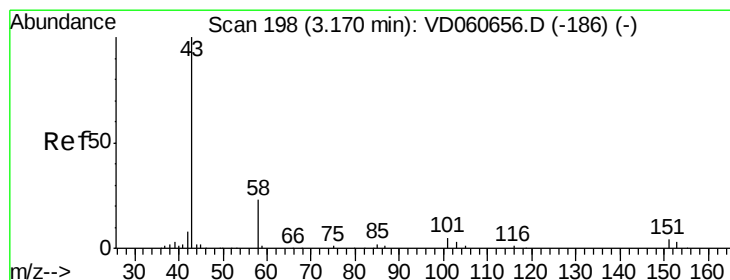
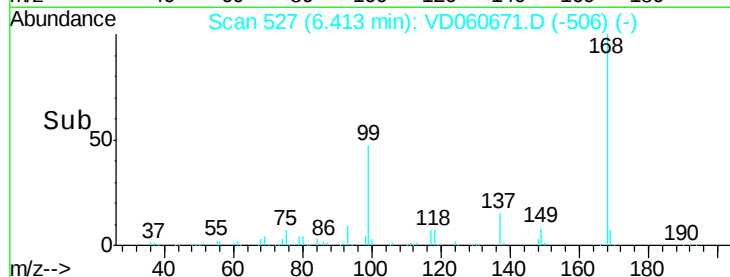
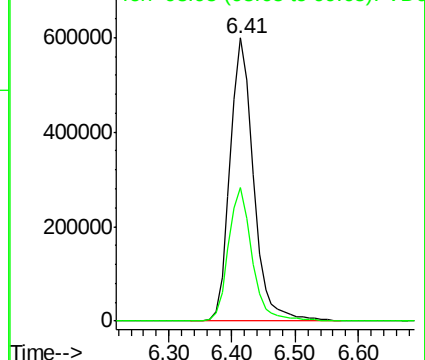
168 100

99 47.1 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: 7.195 ug/l

RT: 3.17 min Scan# 197

Delta R.T. -0.00 min

Lab File: VD060671.D

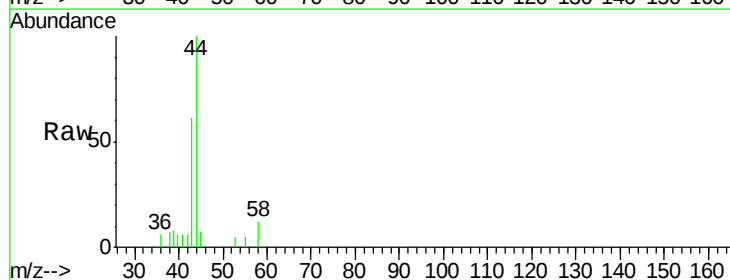
Acq: 20 Dec 2018 21:12

Tgt Ion: 43 Resp: 13430

Ion Ratio Lower Upper

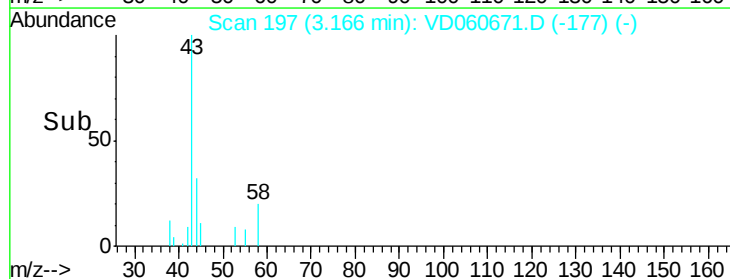
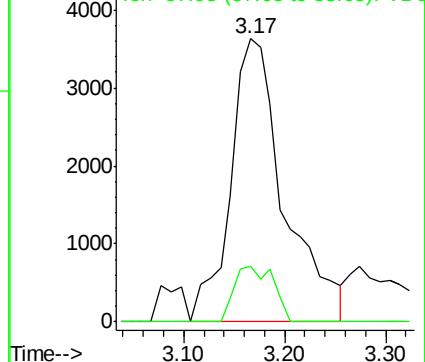
43 100

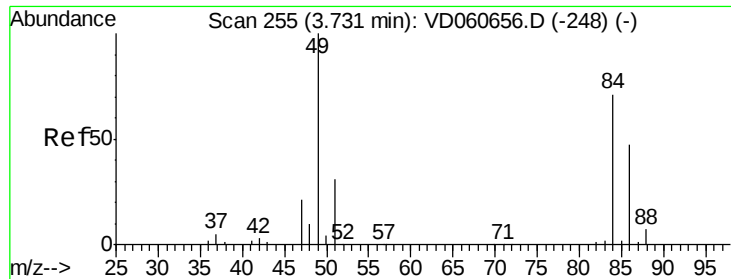
58 19.6 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

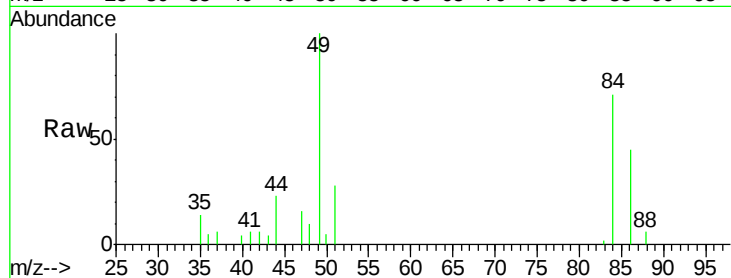




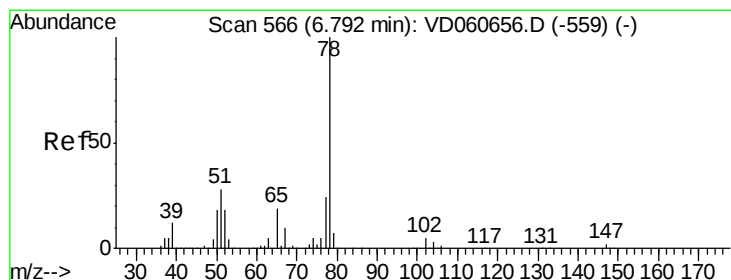
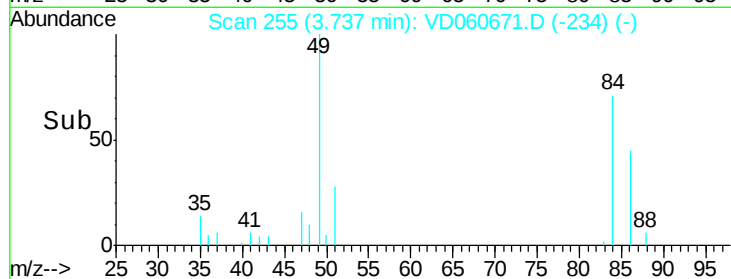
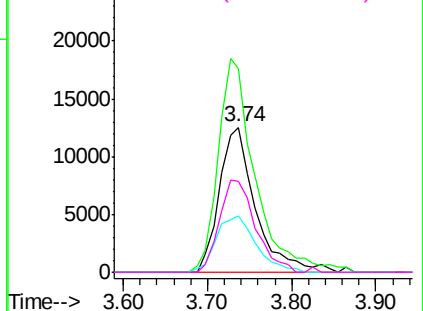
#20
Methylene Chloride
Concen: 1.933 ug/l
RT: 3.74 min Scan# 255
Delta R.T. 0.01 min
Lab File: VD060671.D
Acq: 20 Dec 2018 21:12

Instrument :
MSVOA_D
ClientSampleId :
EB08_12-14

Tgt Ion: 84 Resp: 37474
Ion Ratio Lower Upper
84 100
49 140.5 113.6 170.4
51 38.9 34.7 52.1
86 62.9 52.8 79.2

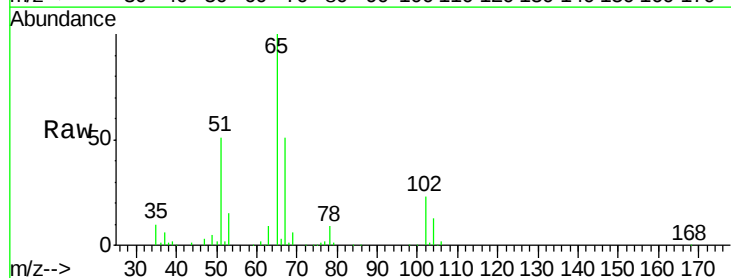


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

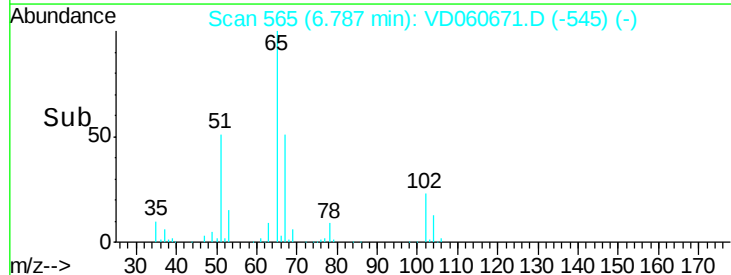
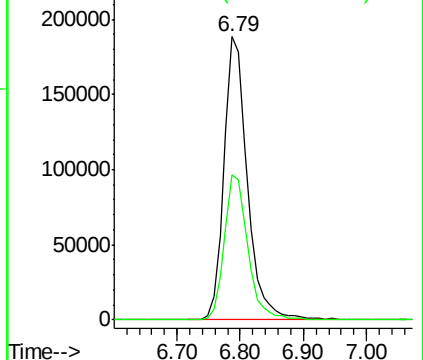


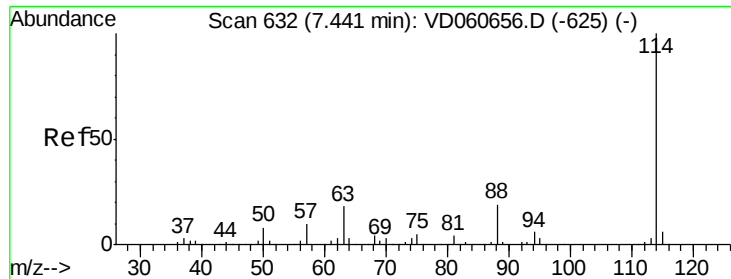
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 565
Delta R.T. -0.00 min
Lab File: VD060671.D
Acq: 20 Dec 2018 21:12

Tgt Ion: 65 Resp: 484146
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4



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

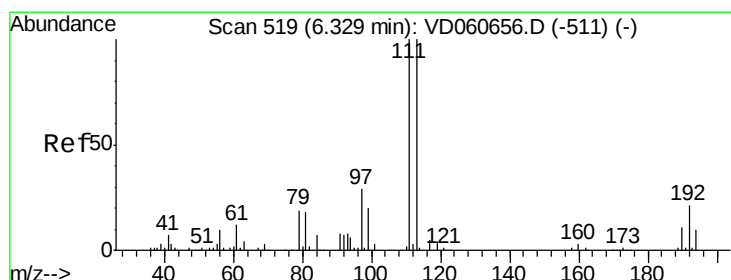
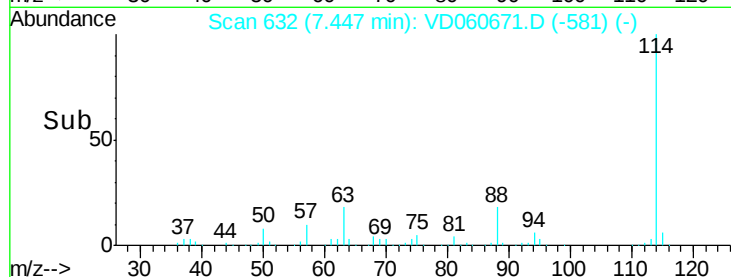
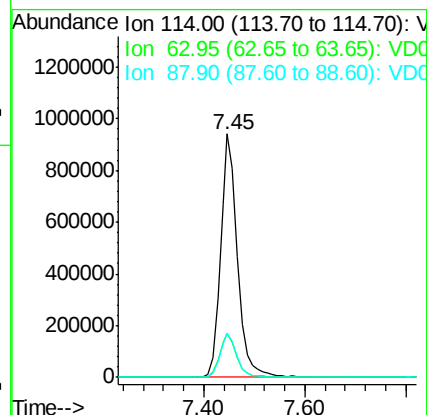
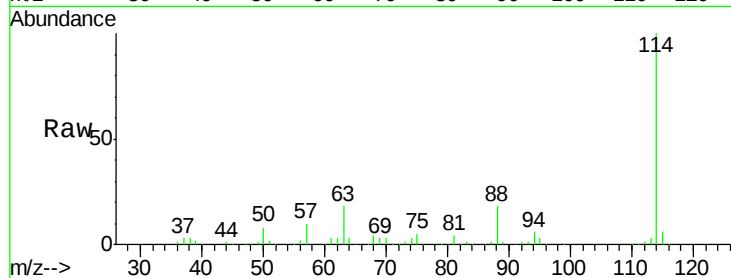




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.45 min Scan# 632
Delta R.T. 0.01 min
Lab File: VD060671.D
Acq: 20 Dec 2018 21:12

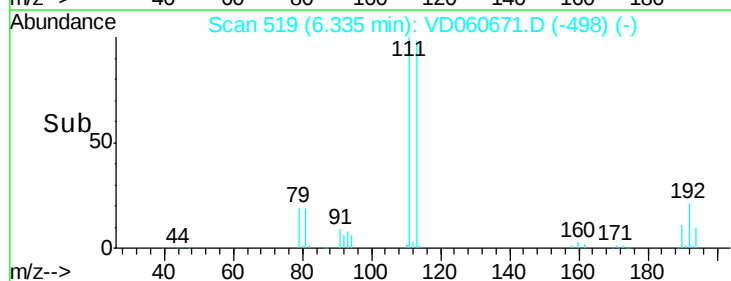
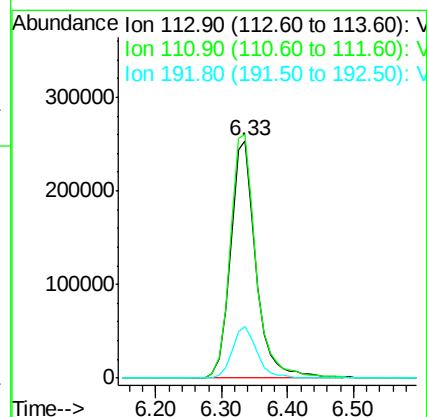
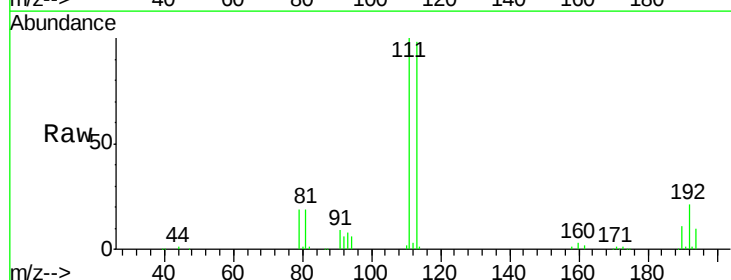
Instrument :
MSVOA_D
ClientSampleId :
EB08_12-14

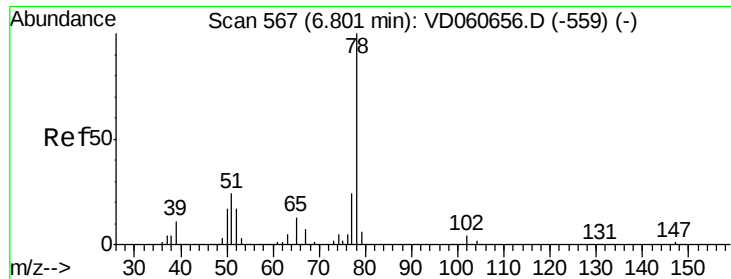
Tgt Ion:114 Resp: 2206187
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.2
88 18.0 0.0 37.0



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD060671.D
Acq: 20 Dec 2018 21:12

Tgt Ion:113 Resp: 684962
Ion Ratio Lower Upper
113 100
111 102.5 80.0 120.0
192 22.0 16.6 25.0

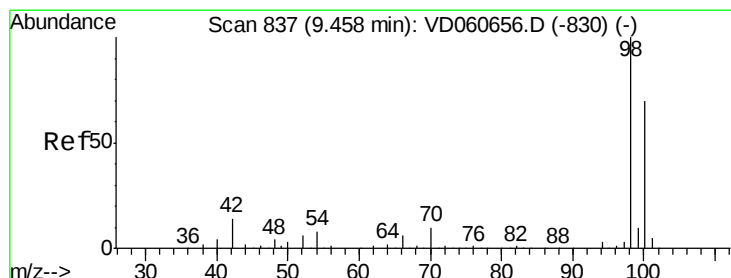
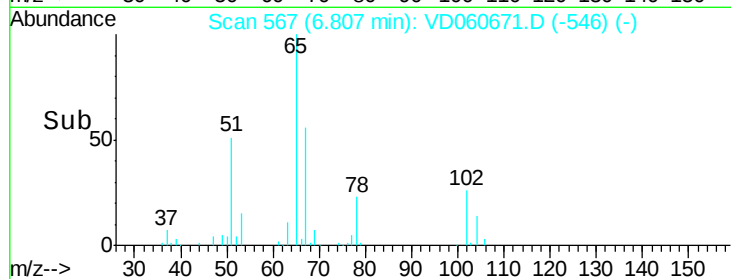
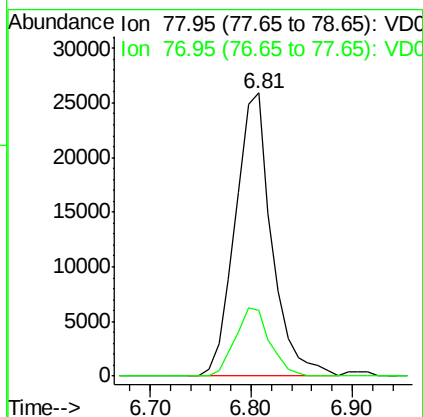
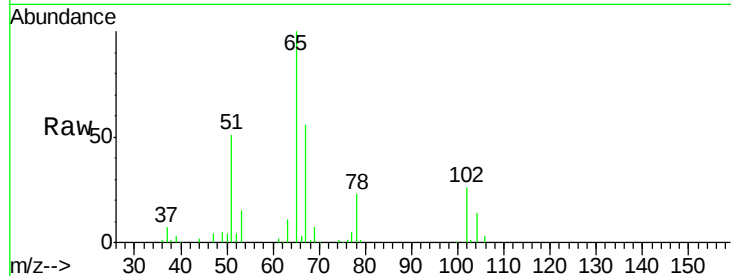




#40
Benzene
Concen: 1.112 ug/l
RT: 6.81 min Scan# 567
Delta R.T. 0.01 min
Lab File: VD060671.D
Acq: 20 Dec 2018 21:12

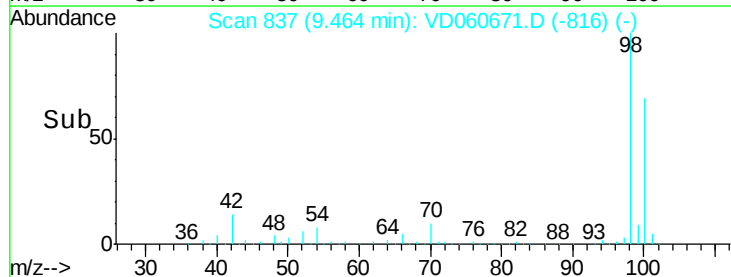
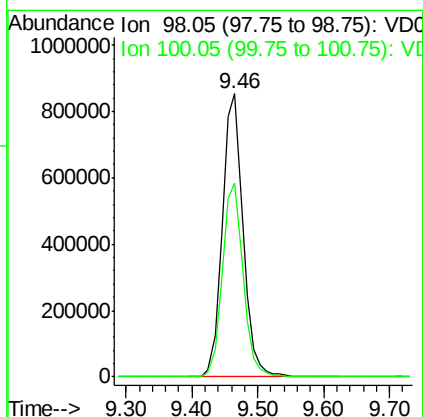
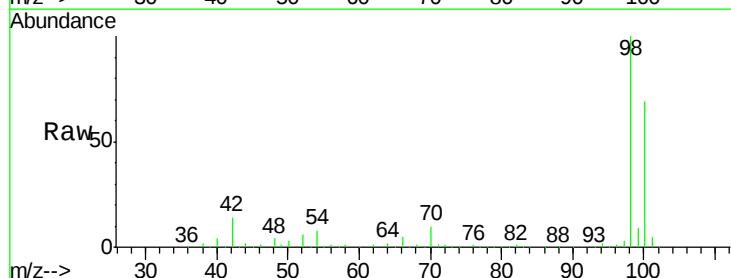
Instrument :
MSVOA_D
ClientSampleId :
EB08_12-14

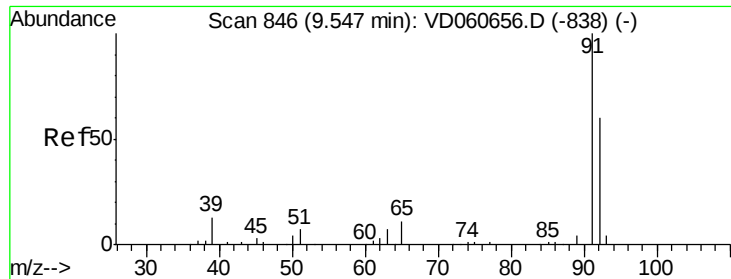
Tgt Ion: 78 Resp: 65266
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 837
Delta R.T. 0.01 min
Lab File: VD060671.D
Acq: 20 Dec 2018 21:12

Tgt Ion: 98 Resp: 1876284
Ion Ratio Lower Upper
98 100
100 68.5 55.8 83.8





#52

Toluene

Concen: 16.195 ug/l

RT: 9.55 min Scan# 846

Delta R.T. 0.01 min

Lab File: VD060671.D

Acq: 20 Dec 2018 21:12

Instrument :

MSVOA_D

ClientSampleId :

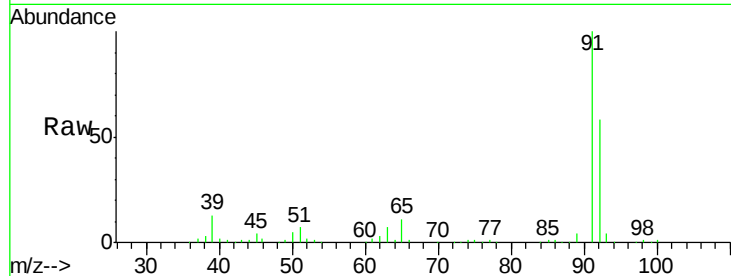
EB08_12-14

Tgt Ion: 92 Resp: 595768

Ion Ratio Lower Upper

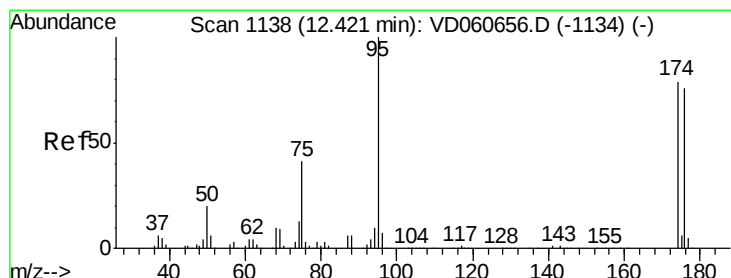
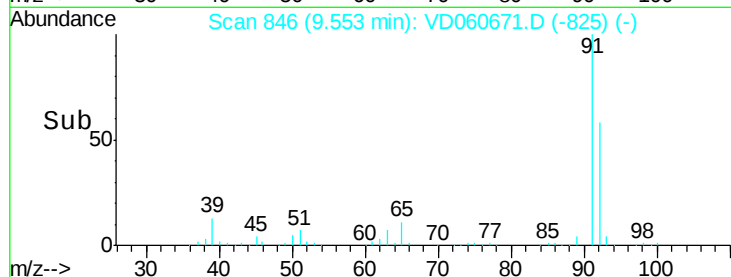
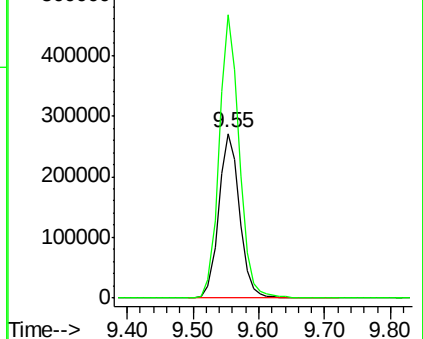
92 100

91 171.9 132.6 199.0



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: 12.43 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VD060671.D

Acq: 20 Dec 2018 21:12

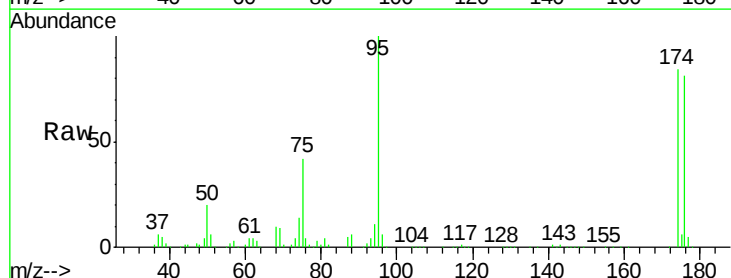
Tgt Ion: 95 Resp: 687706

Ion Ratio Lower Upper

95 100

174 84.2 0.0 158.2

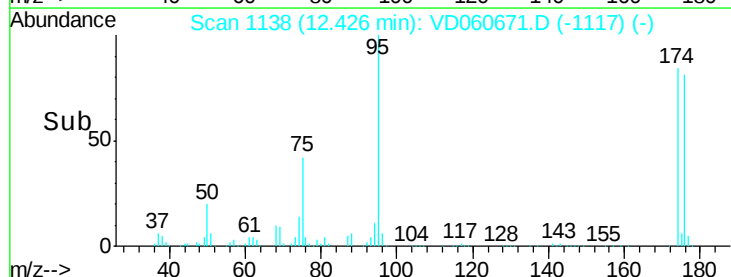
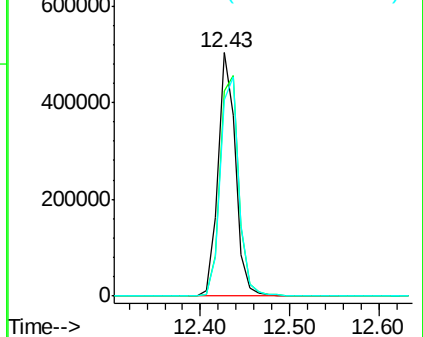
176 80.8 0.0 152.4

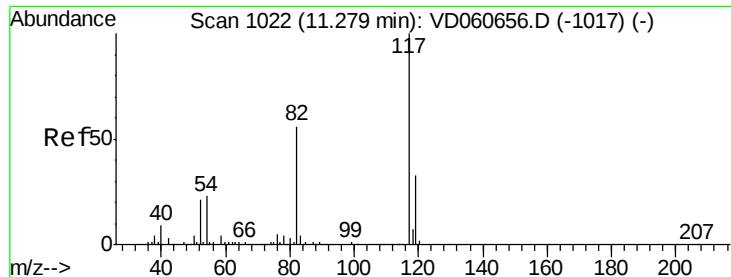


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

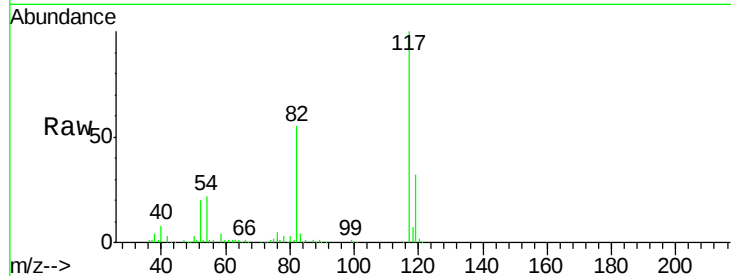




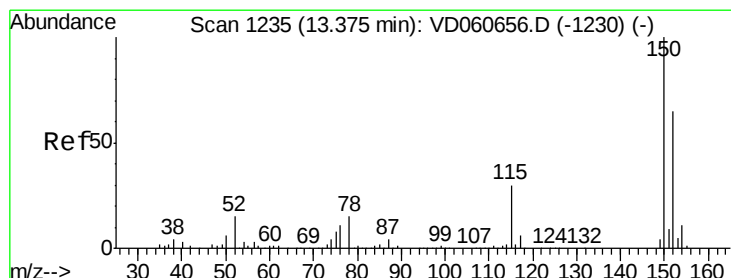
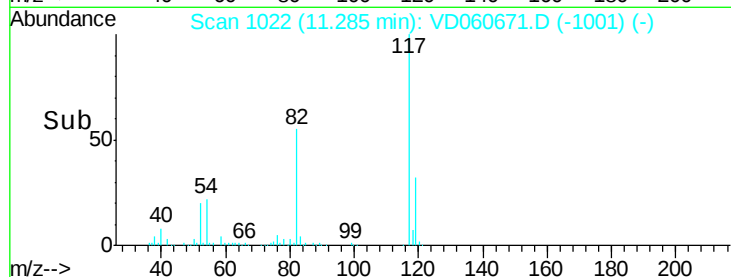
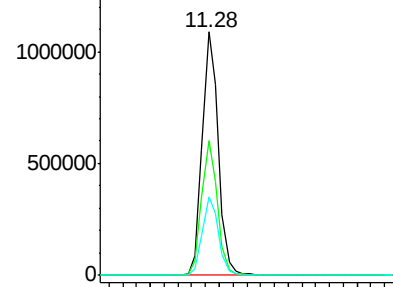
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 1022
Delta R.T. 0.01 min
Lab File: VD060671.D
Acq: 20 Dec 2018 21:12

Instrument :
MSVOA_D
ClientSampleId :
EB08_12-14

Tgt Ion:117 Resp: 1756126
Ion Ratio Lower Upper
117 100
82 55.5 44.5 66.7
119 32.5 26.3 39.5

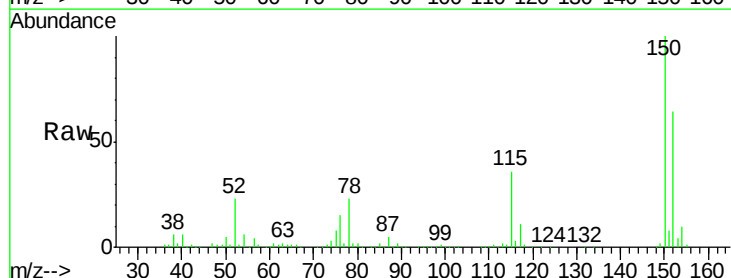


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1234
Delta R.T. -0.00 min
Lab File: VD060671.D
Acq: 20 Dec 2018 21:12

Tgt Ion:152 Resp: 903077
Ion Ratio Lower Upper
152 100
115 56.2 24.1 72.3
150 156.9 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

