

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122018\
 Data File : VD060669.D
 Acq On : 20 Dec 2018 20:16
 Operator : VA/AP
 Sample : J6465-03
 Misc : 3.71g/5ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB03_12-14

Quant Time: Dec 21 06:07:33 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

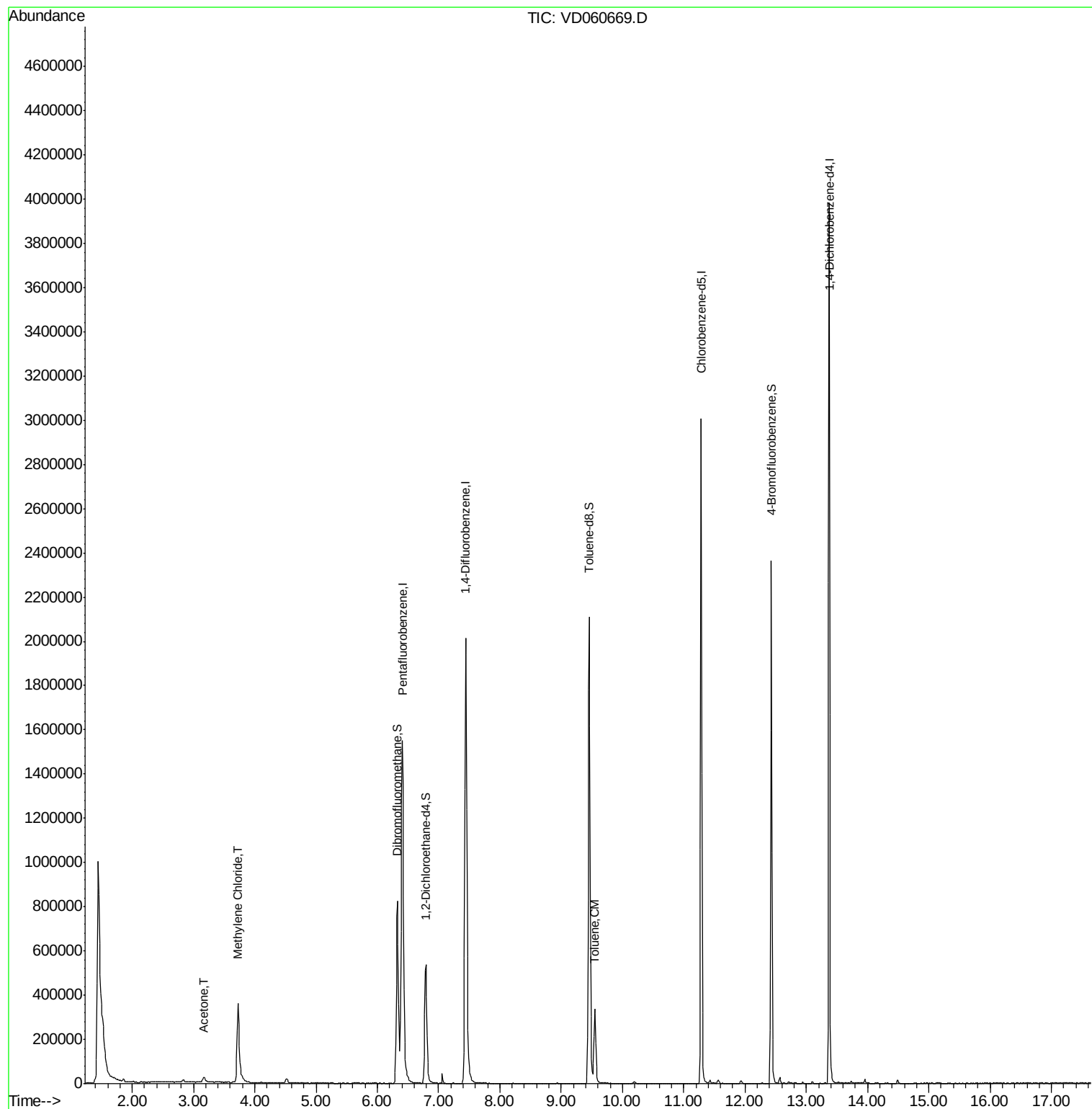
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1543252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	2198167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1770310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	890525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	456711	42.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.64%	
35) Dibromofluoromethane	6.33	113	654101	40.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.32%	
50) Toluene-d8	9.46	98	1724224	35.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.84%	
62) 4-Bromofluorobenzene	12.43	95	658951	39.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.38%	
Target Compounds						
16) Acetone	3.17	43	49465	26.559	ug/l	99
20) Methylene Chloride	3.72	84	245392	12.687	ug/l	98
52) Toluene	9.55	92	172315	4.701	ug/l	99

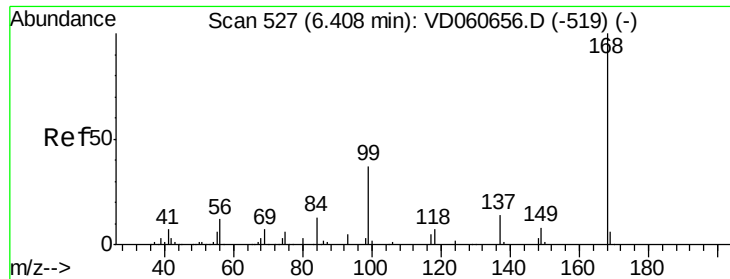
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122018\
Data File : VD060669.D
Acq On : 20 Dec 2018 20:16
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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. -0.00 min

Lab File: VD060669.D

Acq: 20 Dec 2018 20:16

Instrument :

MSVOA_D

ClientSampleId :

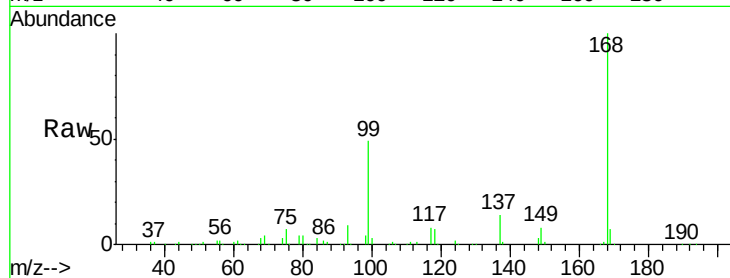
EB03_12-14

Tgt Ion:168 Resp: 1543252

Ion Ratio Lower Upper

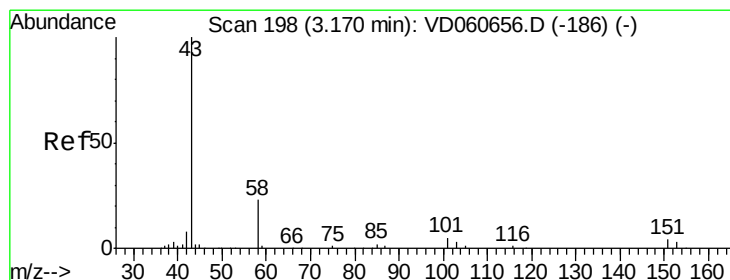
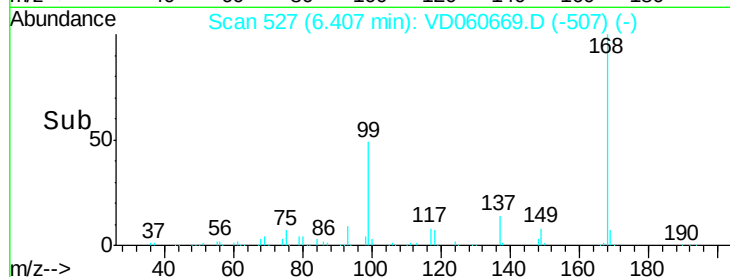
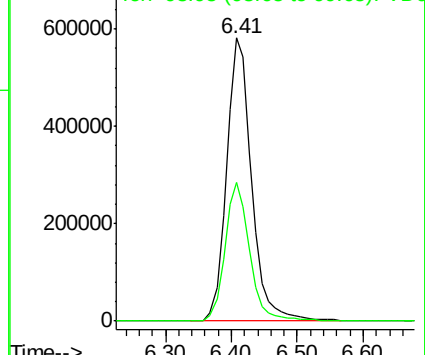
168 100

99 49.2 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: 26.559 ug/l

RT: 3.17 min Scan# 198

Delta R.T. -0.00 min

Lab File: VD060669.D

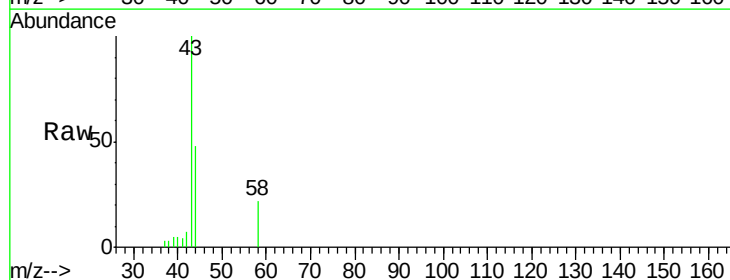
Acq: 20 Dec 2018 20:16

Tgt Ion: 43 Resp: 49465

Ion Ratio Lower Upper

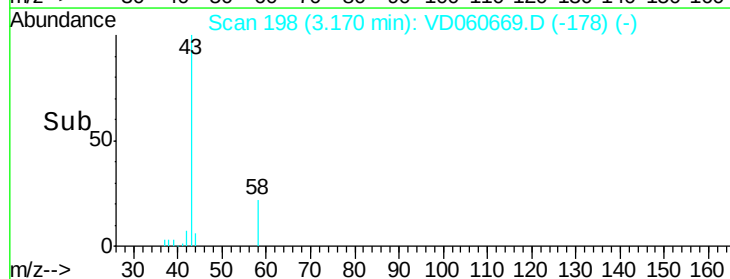
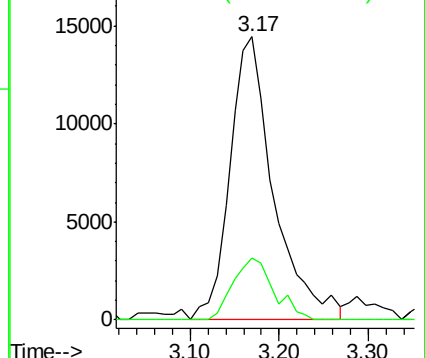
43 100

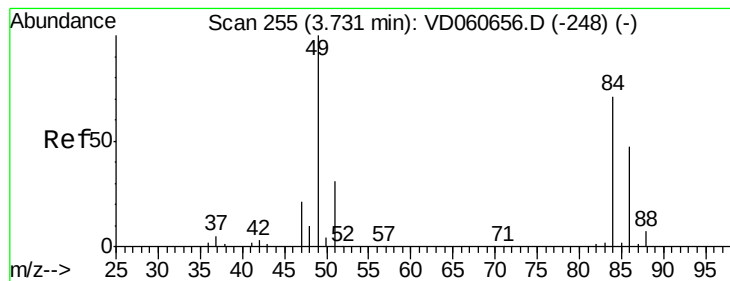
58 22.0 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 12.687 ug/l

RT: 3.72 min Scan# 254

Delta R.T. -0.01 min

Lab File: VD060669.D

Acq: 20 Dec 2018 20:16

Instrument :

MSVOA_D

ClientSampleId :

EB03_12-14

Tgt Ion: 84 Resp: 245392

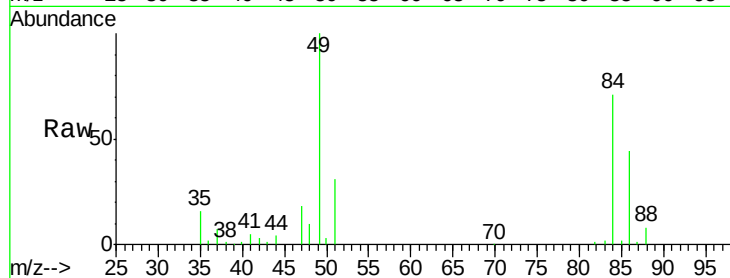
Ion Ratio Lower Upper

84 100

49 141.3 113.6 170.4

51 43.5 34.7 52.1

86 61.7 52.8 79.2

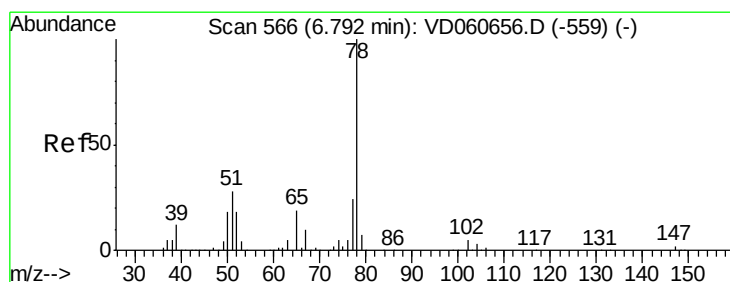
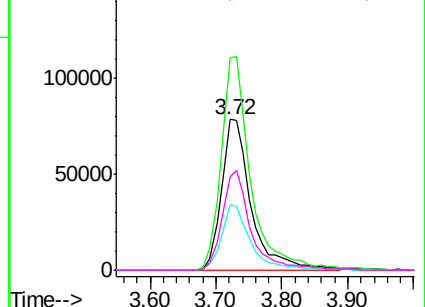
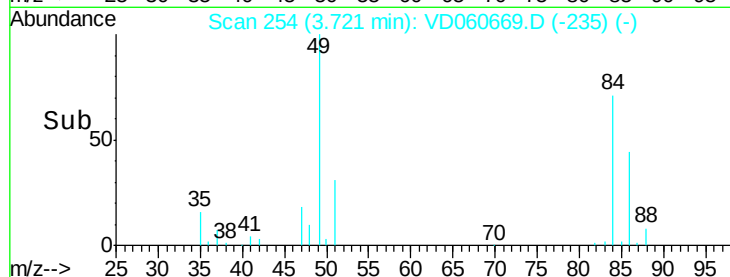


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 6.79 min Scan# 566

Delta R.T. -0.00 min

Lab File: VD060669.D

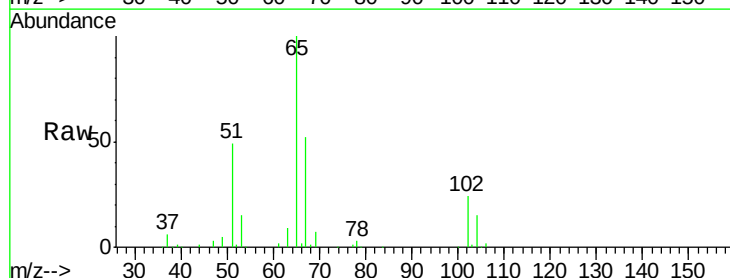
Acq: 20 Dec 2018 20:16

Tgt Ion: 65 Resp: 456711

Ion Ratio Lower Upper

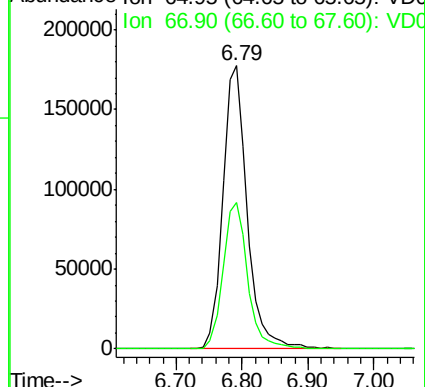
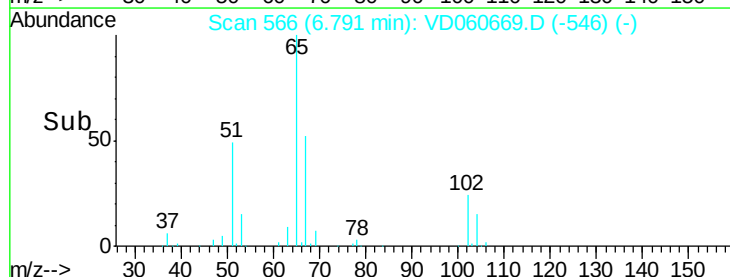
65 100

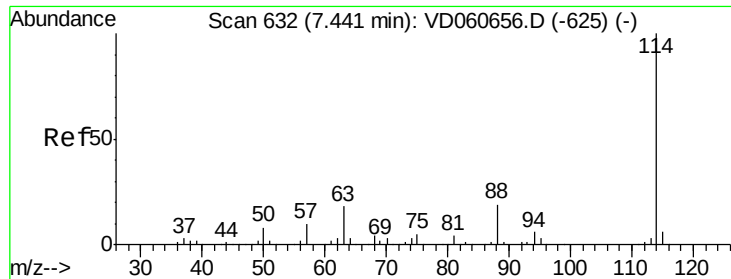
67 51.8 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

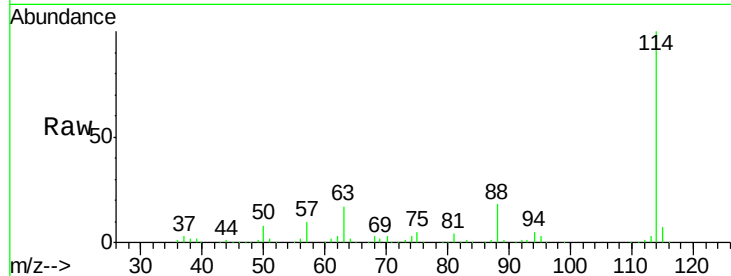




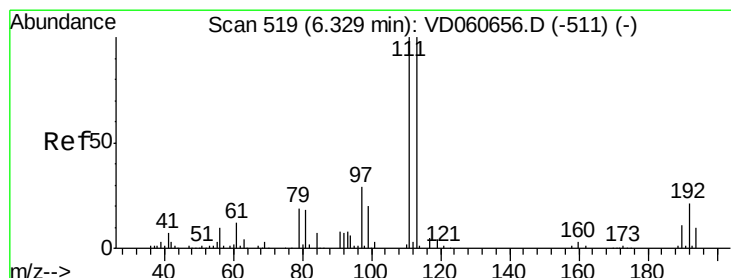
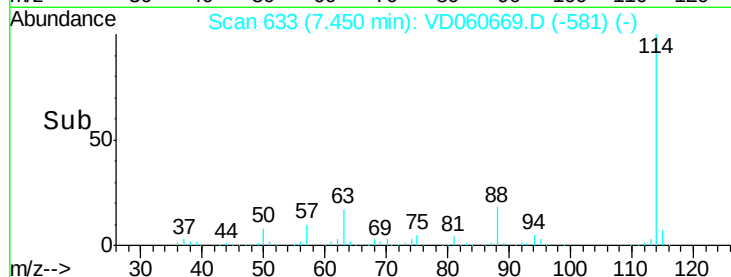
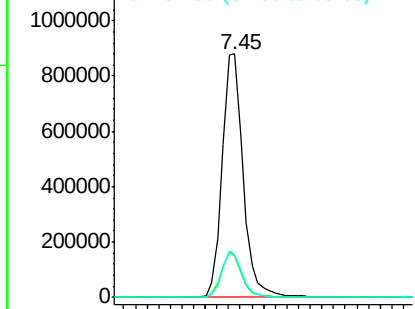
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 633
 Delta R.T. 0.01 min
 Lab File: VD060669.D
 Acq: 20 Dec 2018 20:16

Instrument :
 MSVOA_D
 ClientSampleId :
 EB03_12-14

Tgt Ion:114 Resp: 2198167
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 36.2
 88 17.8 0.0 37.0

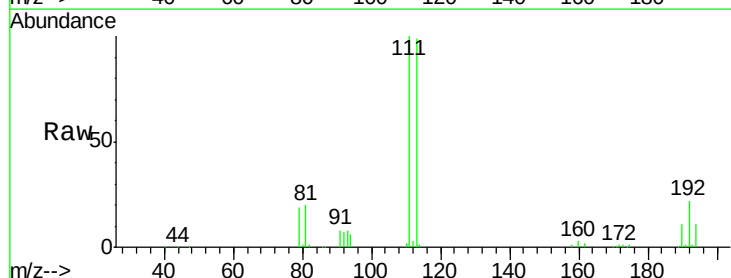


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

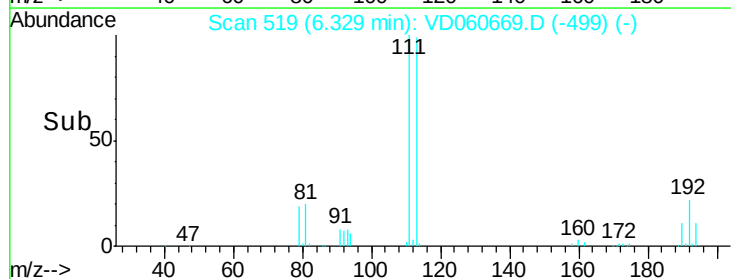
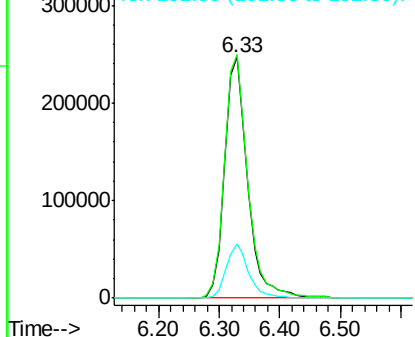


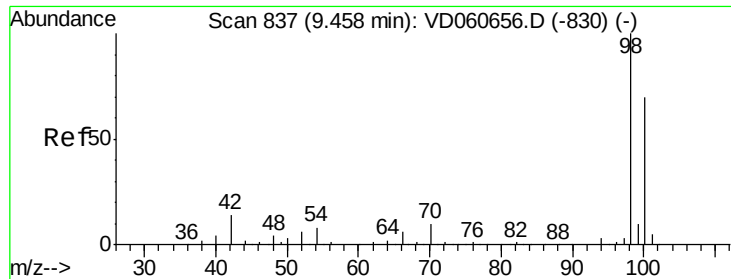
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: VD060669.D
 Acq: 20 Dec 2018 20:16

Tgt Ion:113 Resp: 654101
 Ion Ratio Lower Upper
 113 100
 111 101.1 80.0 120.0
 192 22.4 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

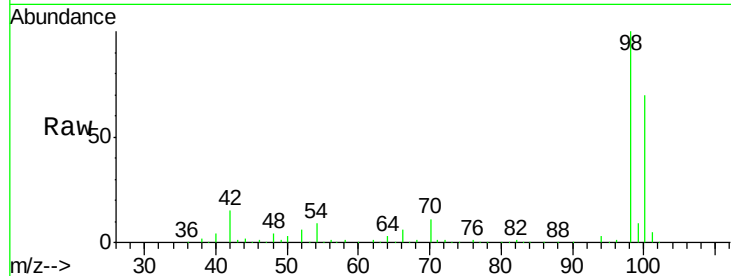




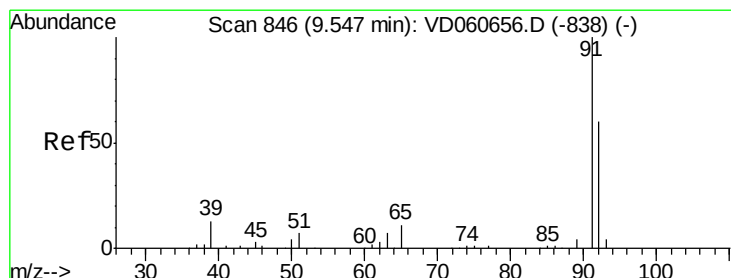
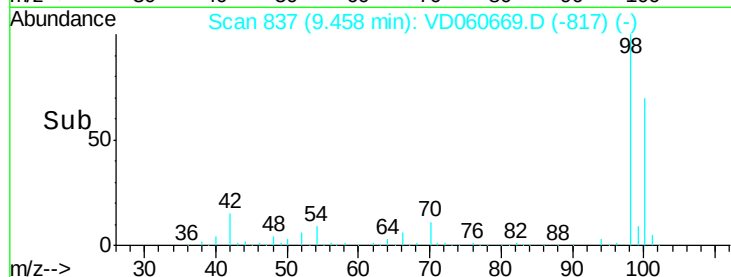
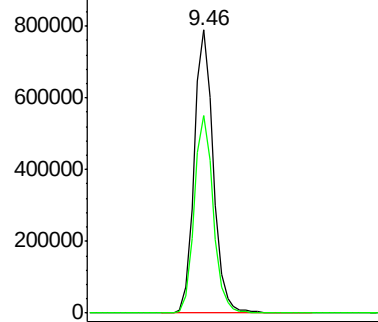
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 837
Delta R.T. -0.00 min
Lab File: VD060669.D
Acq: 20 Dec 2018 20:16

Instrument :
MSVOA_D
ClientSampleId :
EB03_12-14

Tgt Ion: 98 Resp: 1724224
Ion Ratio Lower Upper
98 100
100 70.0 55.8 83.8

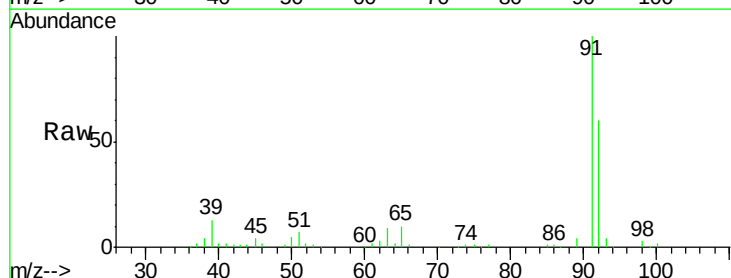


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

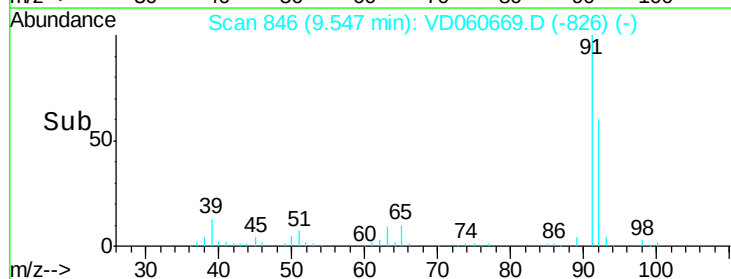
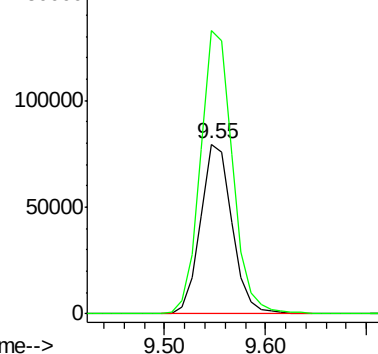


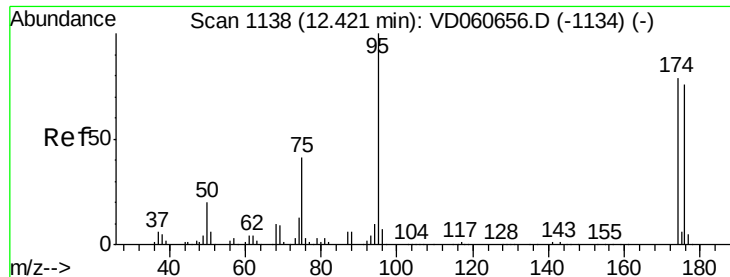
#52
Toluene
Concen: 4.701 ug/l
RT: 9.55 min Scan# 846
Delta R.T. -0.00 min
Lab File: VD060669.D
Acq: 20 Dec 2018 20:16

Tgt Ion: 92 Resp: 172315
Ion Ratio Lower Upper
92 100
91 166.7 132.6 199.0



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# 1139

Delta R.T. 0.01 min

Lab File: VD060669.D

Acq: 20 Dec 2018 20:16

Instrument :

MSVOA_D

ClientSampleId :

EB03_12-14

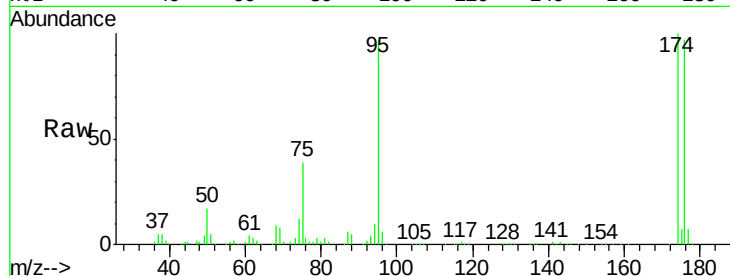
Tgt Ion: 95 Resp: 658951

Ion Ratio Lower Upper

95 100

174 102.6 0.0 158.2

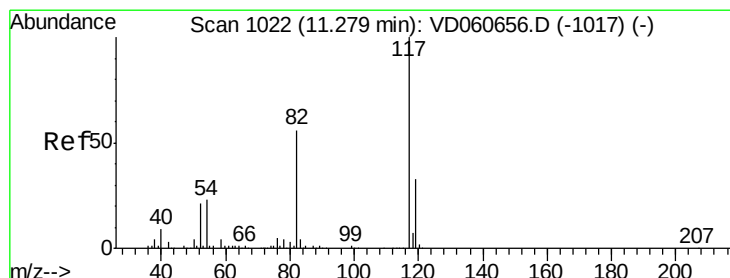
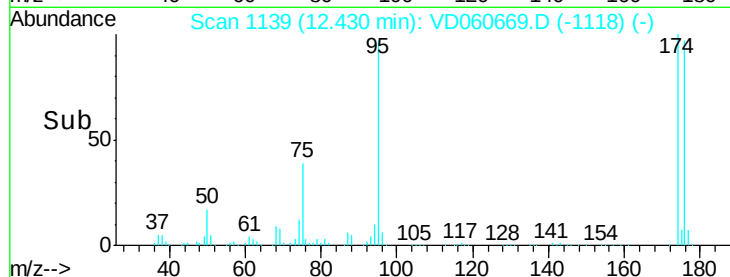
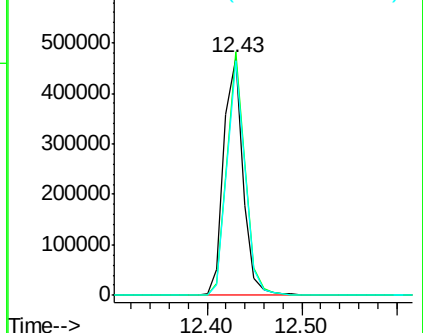
176 99.1 0.0 152.4



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.29 min Scan# 1023

Delta R.T. 0.01 min

Lab File: VD060669.D

Acq: 20 Dec 2018 20:16

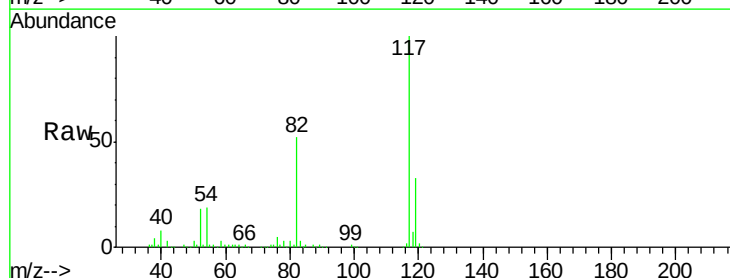
Tgt Ion: 117 Resp: 1770310

Ion Ratio Lower Upper

117 100

82 52.2 44.5 66.7

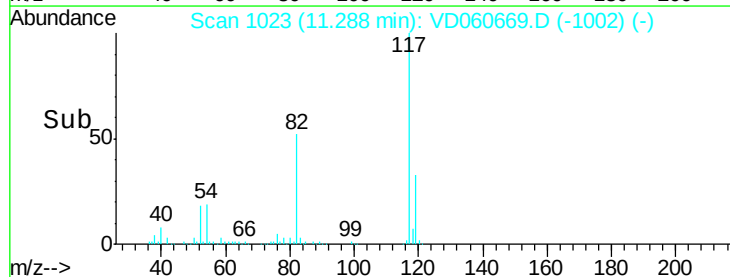
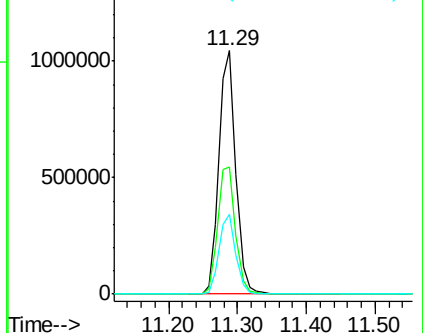
119 32.7 26.3 39.5

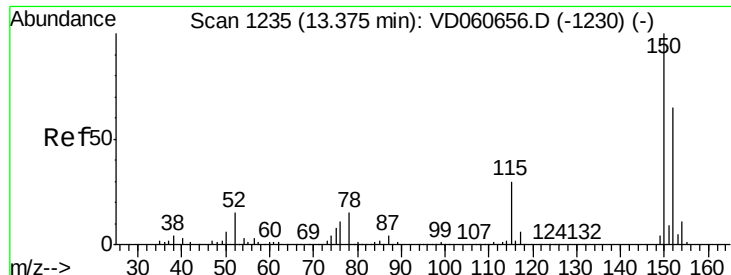


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

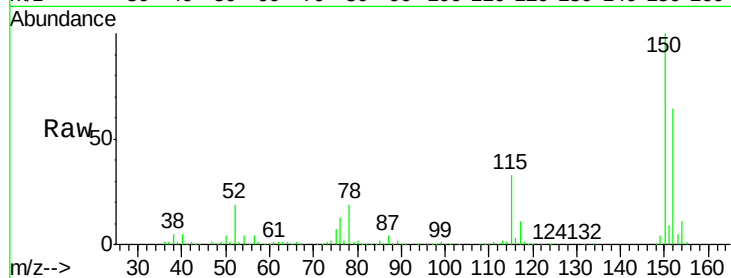




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VD060669.D
 Acq: 20 Dec 2018 20:16

Instrument :
 MSVOA_D
 ClientSampleId :
 EB03_12-14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	50.5	24.1	72.3
150	155.1	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

