

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091718\
 Data File : VD060034.D
 Acq On : 17 Sep 2018 21:16
 Operator : JC/SY
 Sample : J4935-01RE
 Misc : 1.49g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PHASE-1RE

Quant Time: Sep 18 05:33:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

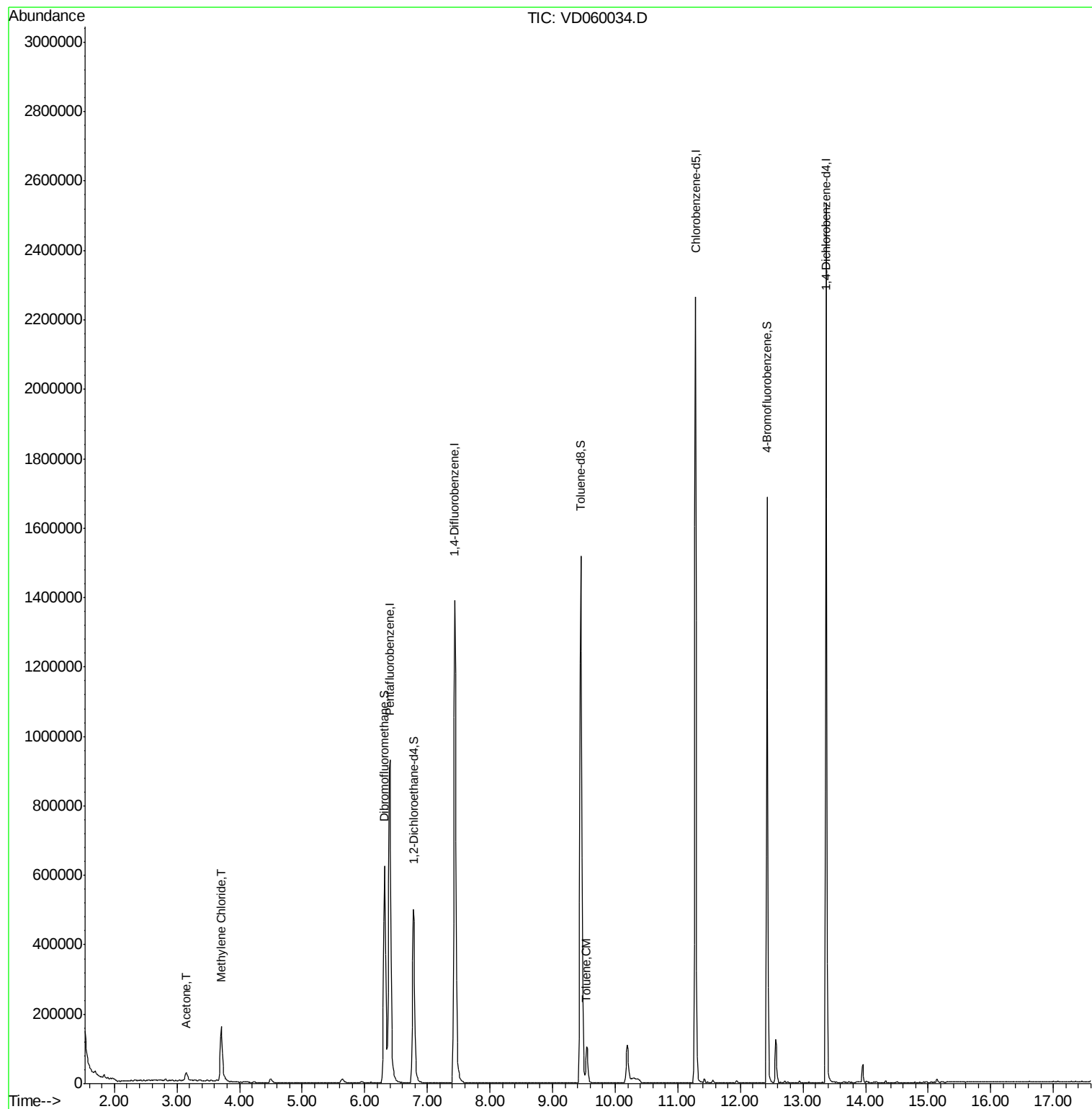
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	899677	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	1414231	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	1164437	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	566214	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	417038	59.44	ug/l	0.01
Spiked Amount 50.000			Recovery	=	118.88%	
35) Dibromofluoromethane	6.31	113	486745	44.05	ug/l	0.01
Spiked Amount 50.000			Recovery	=	88.10%	
50) Toluene-d8	9.45	98	1230452	40.18	ug/l	0.01
Spiked Amount 50.000			Recovery	=	80.36%	
62) 4-Bromofluorobenzene	12.43	95	467381	39.95	ug/l	0.01
Spiked Amount 50.000			Recovery	=	79.90%	
Target Compounds						
16) Acetone	3.15	43	44711	33.01	ug/l	Qvalue 99
20) Methylene Chloride	3.71	84	95085	3.10	ug/l	97
52) Toluene	9.55	92	52964	2.31	ug/l	97

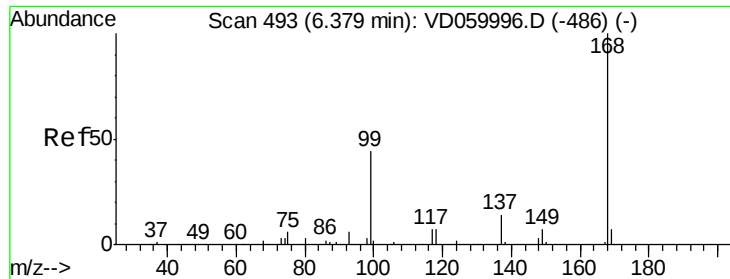
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091718\
Data File : VD060034.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060034.D

Acq: 17 Sep 2018 21:16

Instrument :

MSVOA_D

ClientSampleId :

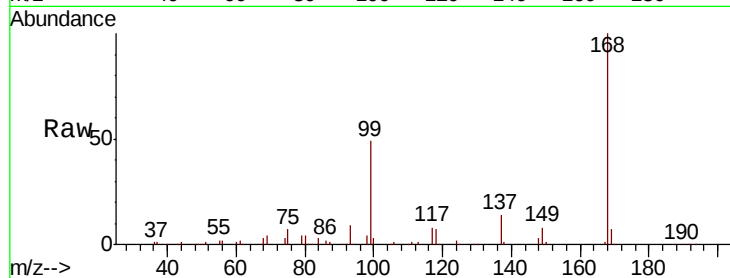
PHASE-1RE

Tot Ion:168 Resp: 899677

Ion Ratio Lower Upper

168 100

99 49.1 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

400000

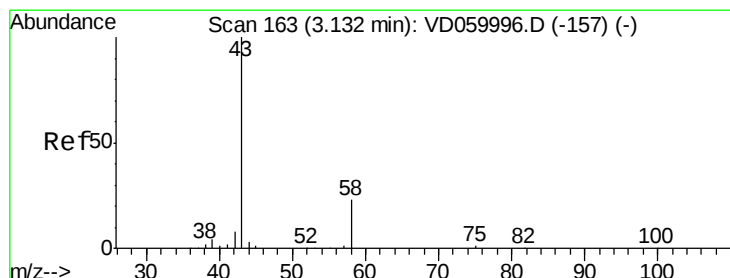
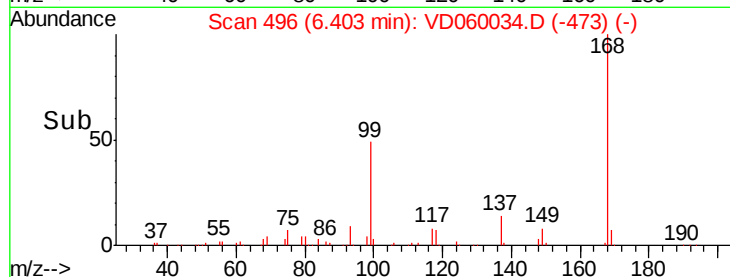
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 33.01 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060034.D

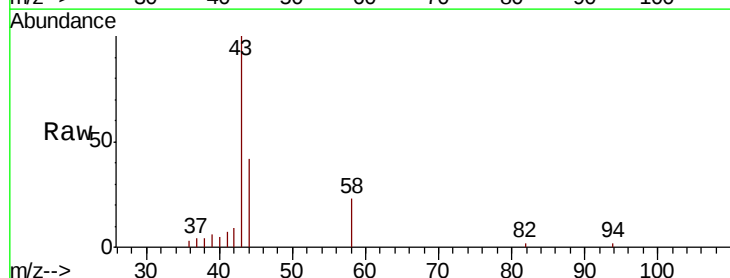
Acq: 17 Sep 2018 21:16

Tgt Ion: 43 Resp: 44711

Ion Ratio Lower Upper

43 100

58 23.0 18.1 27.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.15

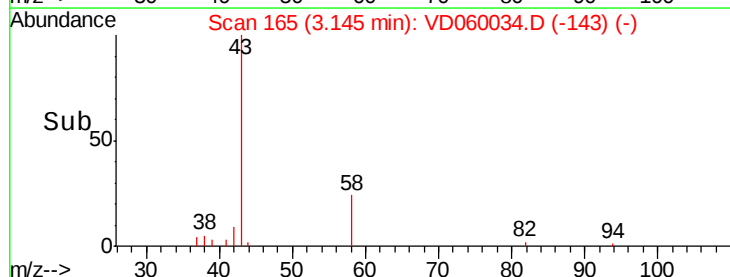
15000

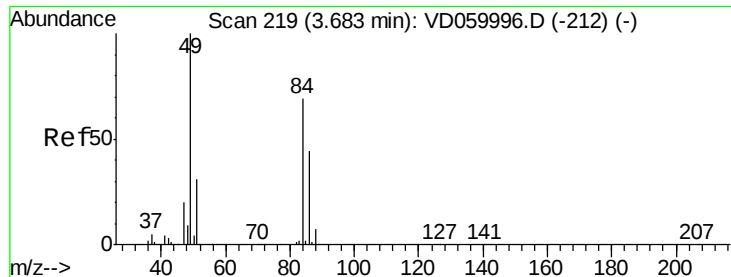
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5000

0

Time-->

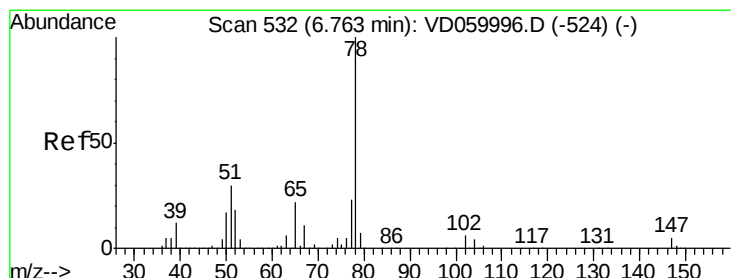
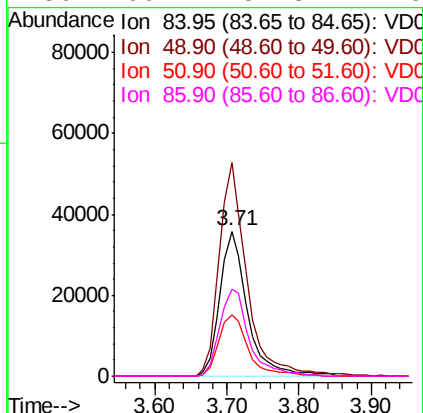
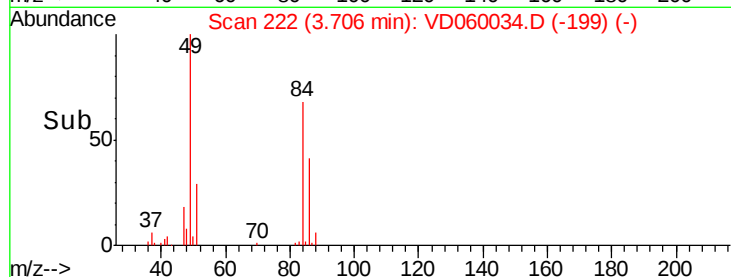
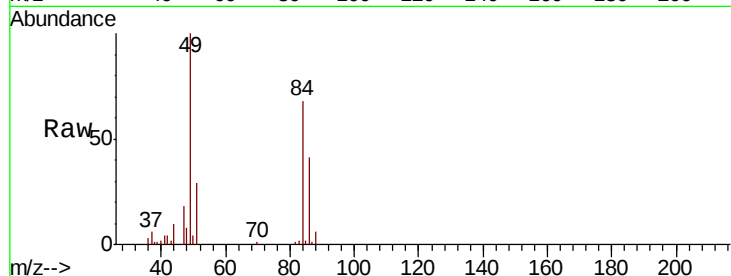




#20
Methylene Chloride
Concen: 3.10 ug/l
RT: 3.71 min Scan# 222
Delta R.T. 0.02 min
Lab File: VD060034.D
Acq: 17 Sep 2018 21:16

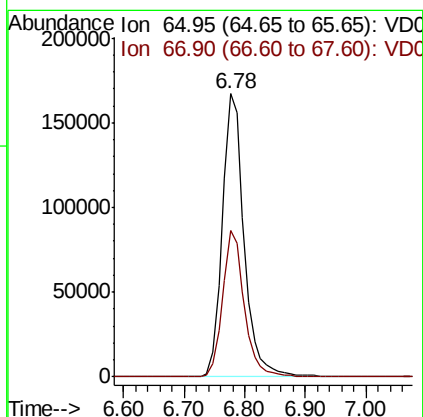
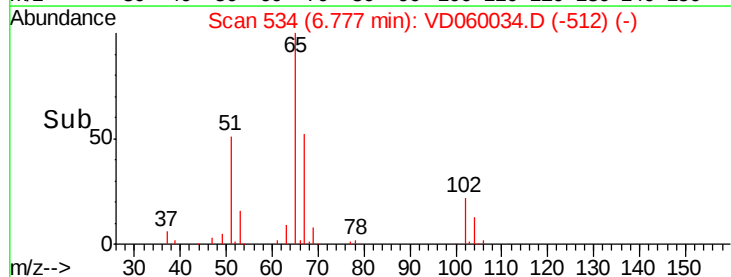
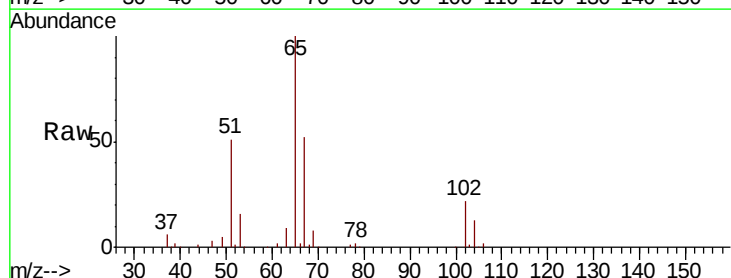
Instrument :
MSVOA_D
ClientSampleId :
PHASE-1RE

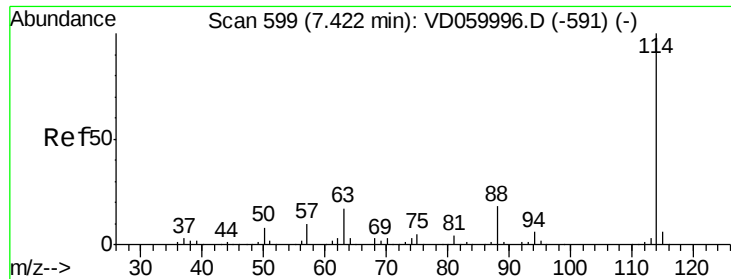
Tot Ion: 84 Resp: 95085
Ion Ratio Lower Upper
84 100
49 147.4 116.6 175.0
51 42.2 35.9 53.9
86 60.4 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.01 min
Lab File: VD060034.D
Acq: 17 Sep 2018 21:16

Tgt Ion: 65 Resp: 417038
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8

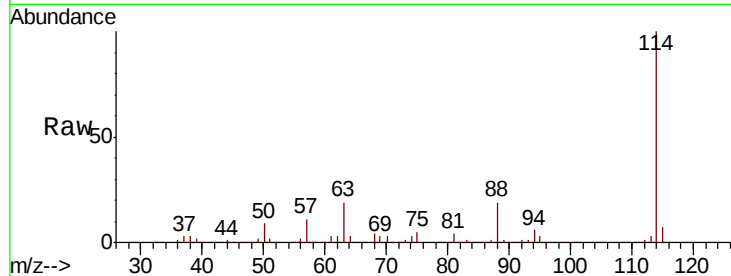




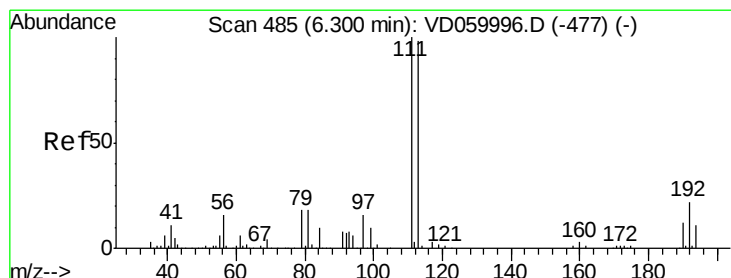
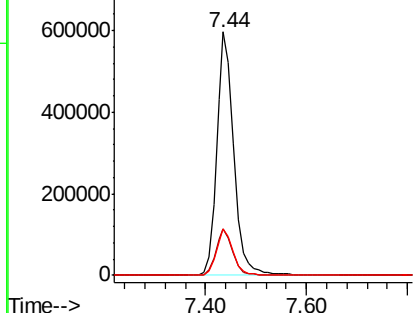
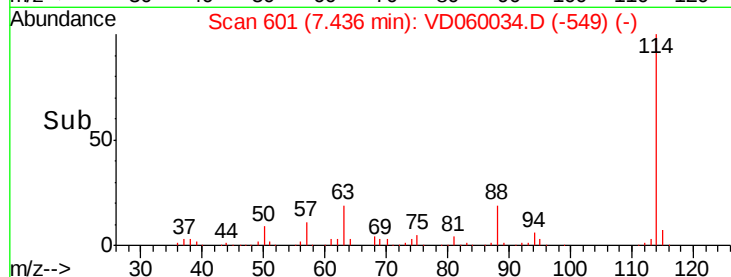
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.01 min
 Lab File: VD060034.D
 Acq: 17 Sep 2018 21:16

Instrument :
 MSVOA_D
 ClientSampleId :
 PHASE-1RE

Tot Ion:114 Resp: 1414231
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 34.4
 88 19.0 0.0 35.8

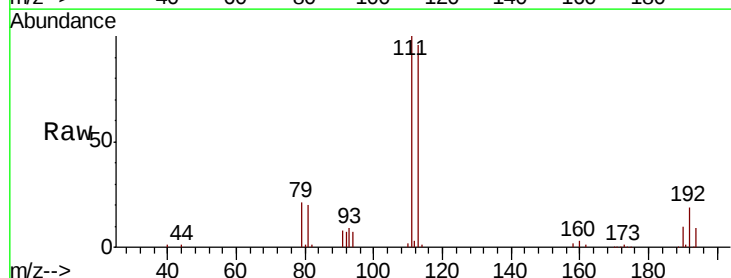


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

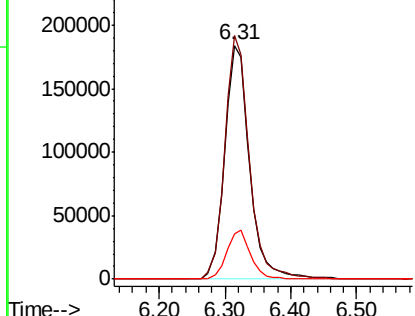
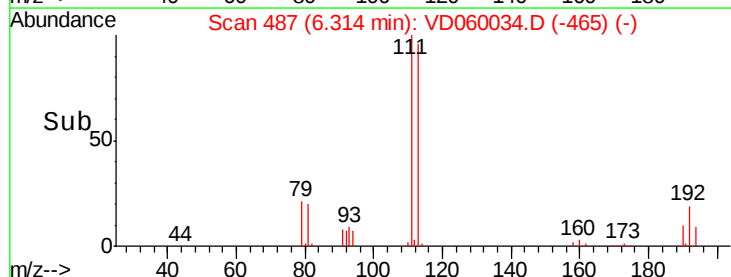


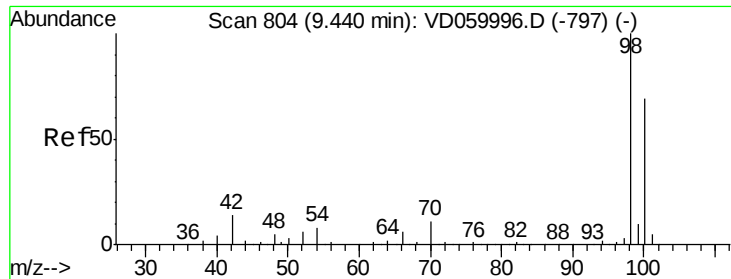
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.31 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: VD060034.D
 Acq: 17 Sep 2018 21:16

Tgt Ion:113 Resp: 486745
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.3 121.9
 192 19.4 18.1 27.1



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

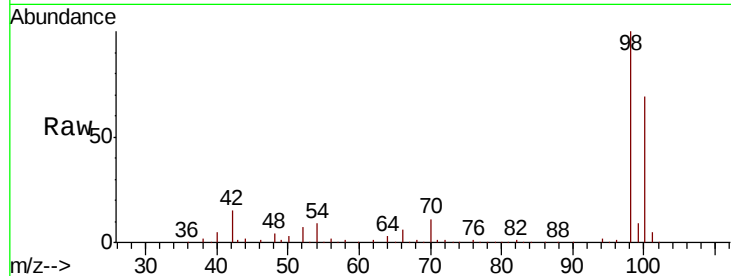




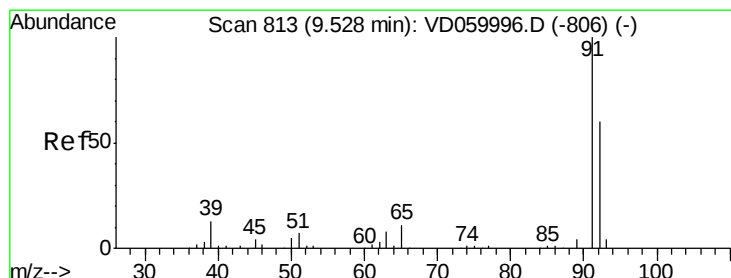
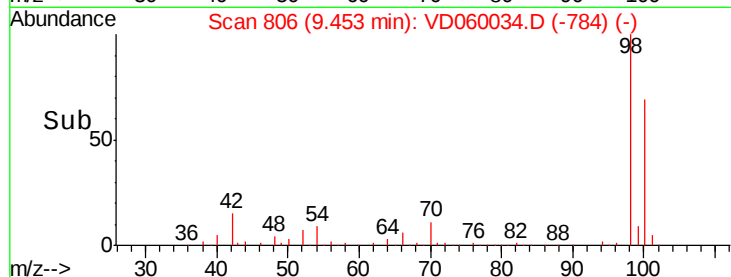
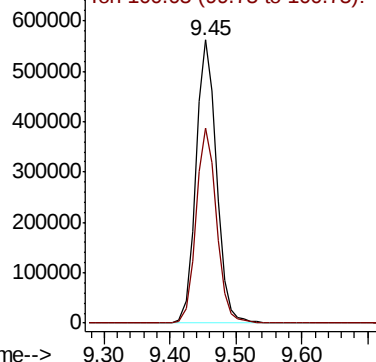
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. 0.01 min
Lab File: VD060034.D
Acq: 17 Sep 2018 21:16

Instrument :
MSVOA_D
ClientSampleId :
PHASE-1RE

Tot Ion: 98 Resp: 1230452
Ion Ratio Lower Upper
98 100
100 69.0 55.8 83.6

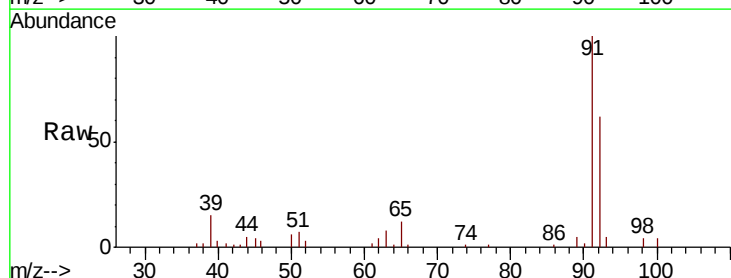


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

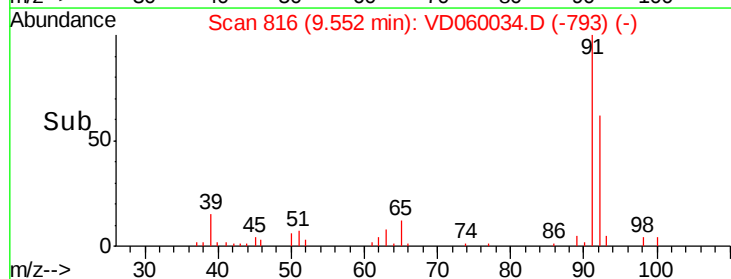
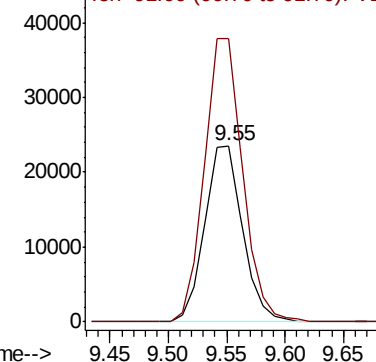


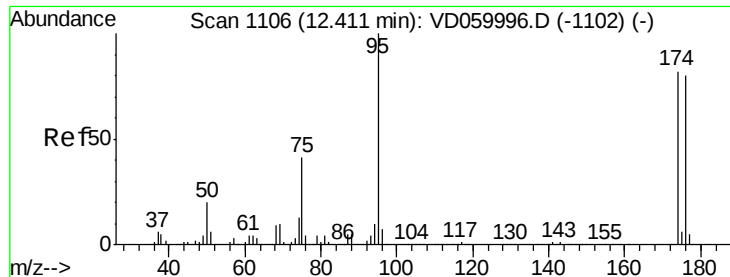
#52
Toluene
Concen: 2.31 ug/l
RT: 9.55 min Scan# 816
Delta R.T. 0.02 min
Lab File: VD060034.D
Acq: 17 Sep 2018 21:16

Tgt Ion: 92 Resp: 52964
Ion Ratio Lower Upper
92 100
91 160.9 132.3 198.5



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: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060034.D

Acq: 17 Sep 2018 21:16

Instrument :

MSVOA_D

ClientSampleId :

PHASE-1RE

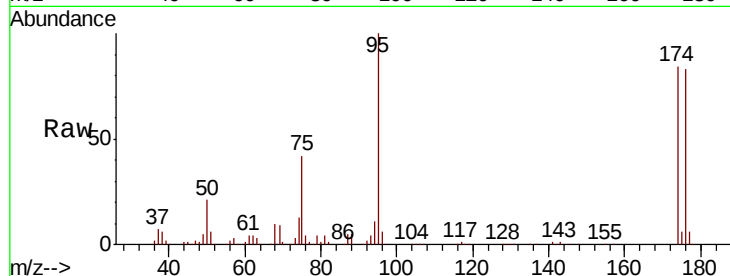
Tot Ion: 95 Resp: 467381

Ion Ratio Lower Upper

95 100

174 84.3 0.0 165.0

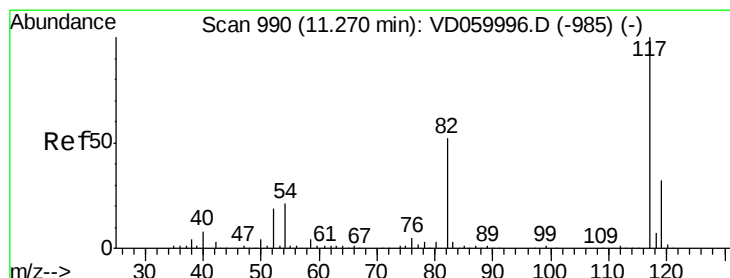
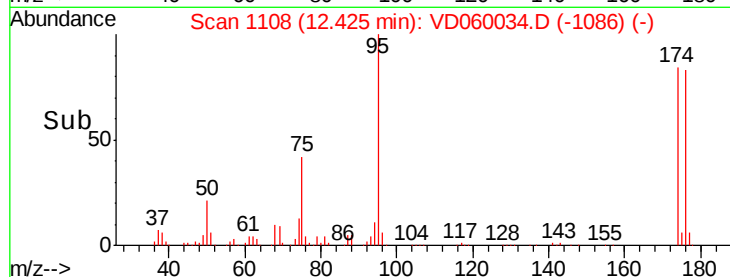
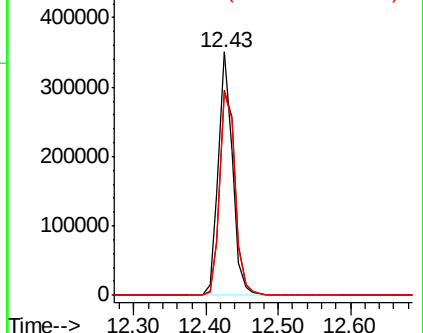
176 83.1 0.0 160.2



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: 50.00 ug/l

RT: 11.28 min Scan# 992

Delta R.T. 0.01 min

Lab File: VD060034.D

Acq: 17 Sep 2018 21:16

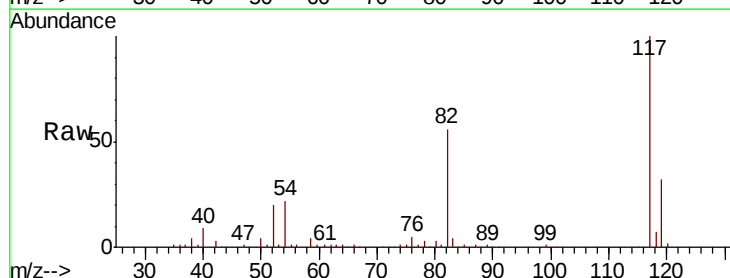
Tgt Ion: 117 Resp: 1164437

Ion Ratio Lower Upper

117 100

82 55.7 41.7 62.5

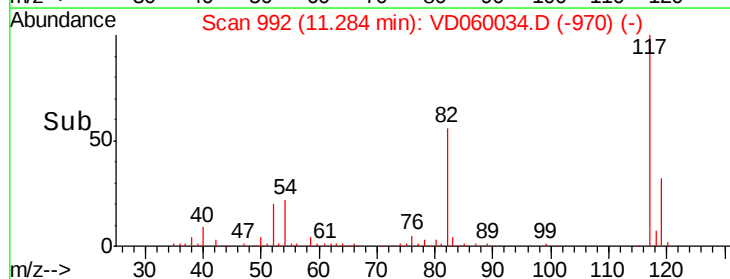
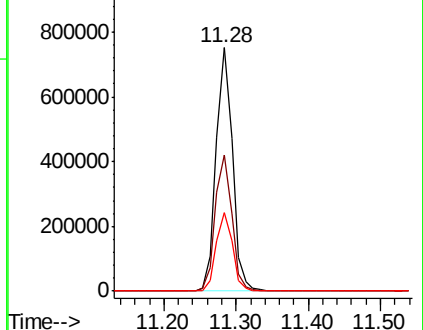
119 32.1 26.0 39.0

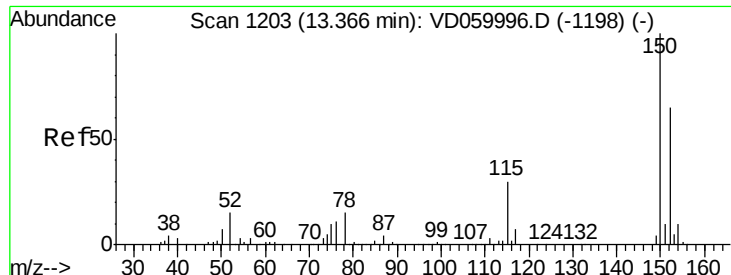


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

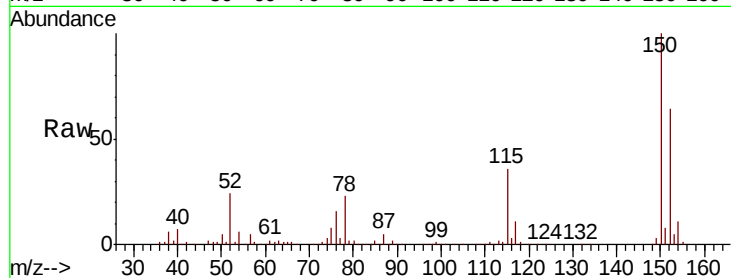




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.37 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: VD060034.D
 Acq: 17 Sep 2018 21:16

Instrument :
 MSVOA_D
 ClientSampleId :
 PHASE-1RE

Tot Ion:152 Resp: 566214
 Ion Ratio Lower Upper
 152 100
 115 56.0 24.6 73.8
 150 157.0 0.0 313.4



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

