

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091418\
 Data File : VD060006.D
 Acq On : 14 Sep 2018 13:22
 Operator : JC/SY
 Sample : J4853-01RE
 Misc : 5.82g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-SOILRE

Quant Time: Sep 14 14:30:19 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	6.38	168	1255408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.42	114	1773788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1213493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	366940	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.76	65	476695	48.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.38%	
35) Dibromofluoromethane	6.29	113	606432	43.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.52%	
50) Toluene-d8	9.43	98	1529989	39.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	79.68%	
62) 4-Bromofluorobenzene	12.42	95	441497	30.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	60.18%	

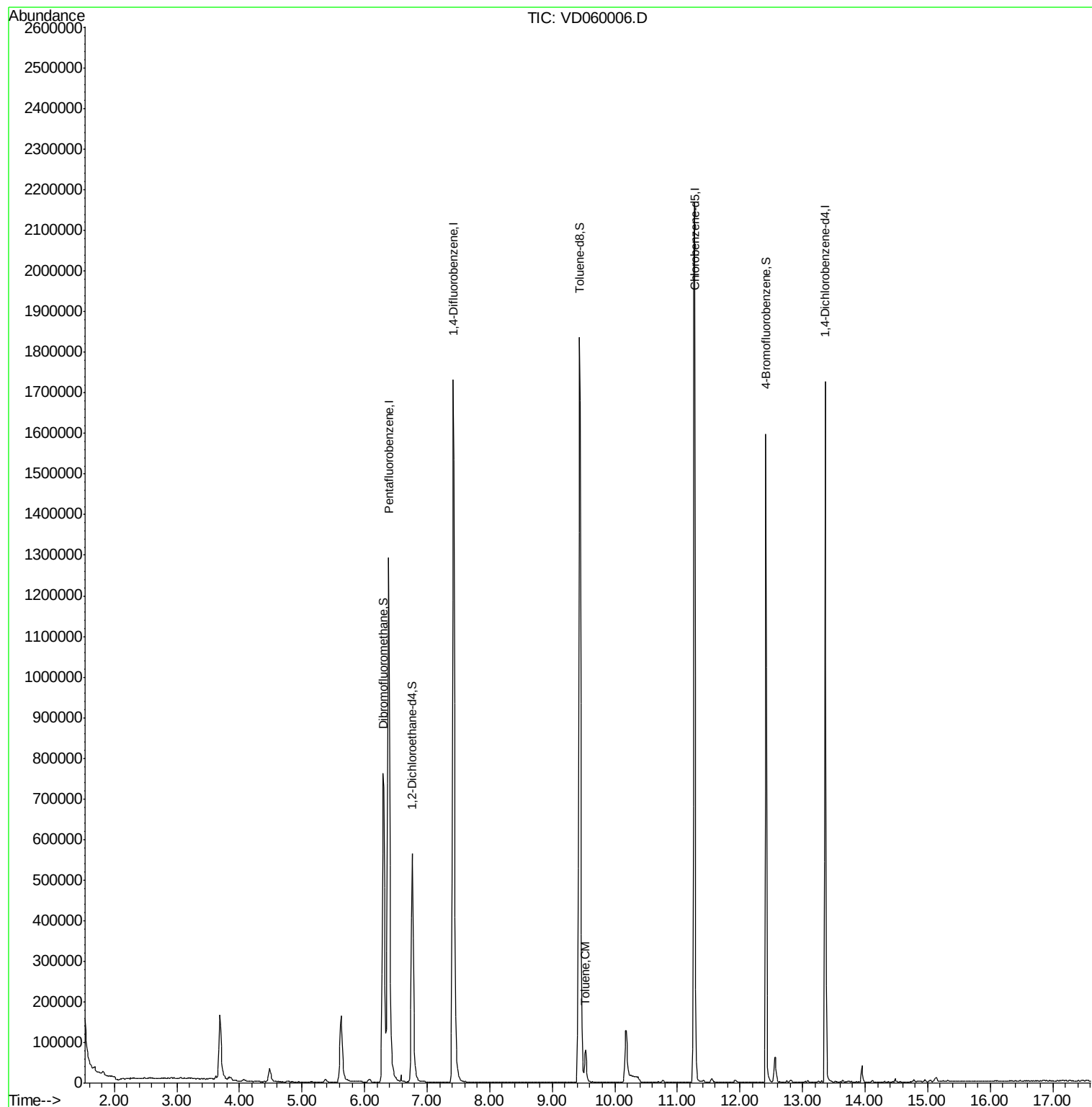
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
52) Toluene	9.53	92	37860	1.32	ug/l	95

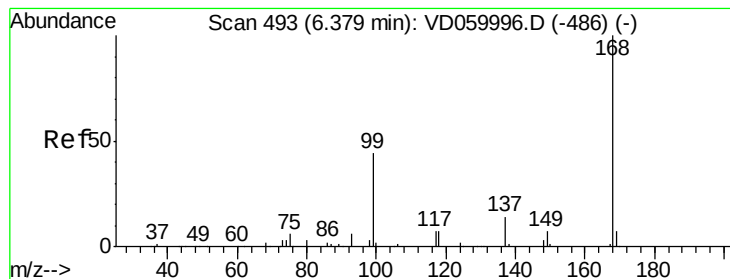
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.38 min Scan# 494

Delta R.T. 0.00 min

Lab File: VD060006.D

Acq: 14 Sep 2018 13:22

Instrument :

MSVOA_D

ClientSampleId :

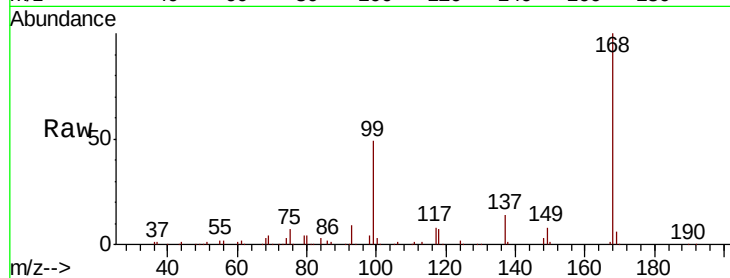
CS-SOILRE

Tot Ion:168 Resp: 1255408

Ion Ratio Lower Upper

168 100

99 48.8 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.38

500000

400000

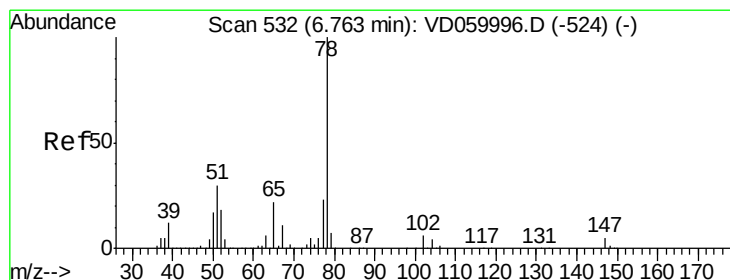
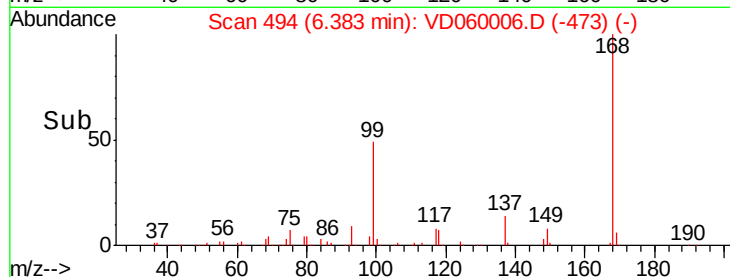
300000

200000

100000

0

Time--> 6.20 6.30 6.40 6.50 6.60



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.76 min Scan# 532

Delta R.T. -0.01 min

Lab File: VD060006.D

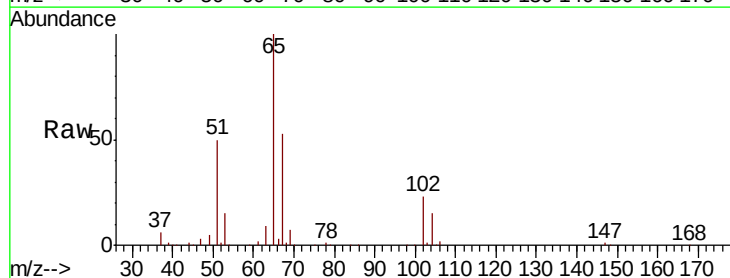
Acq: 14 Sep 2018 13:22

Tgt Ion: 65 Resp: 476695

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.76

200000

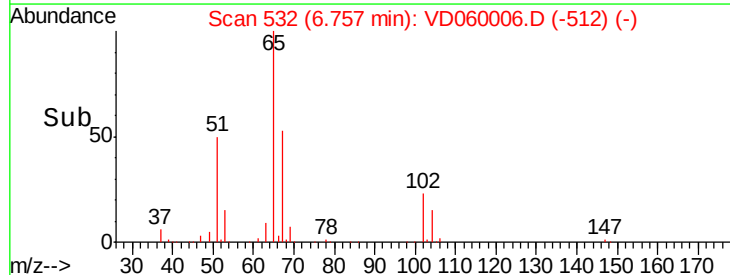
150000

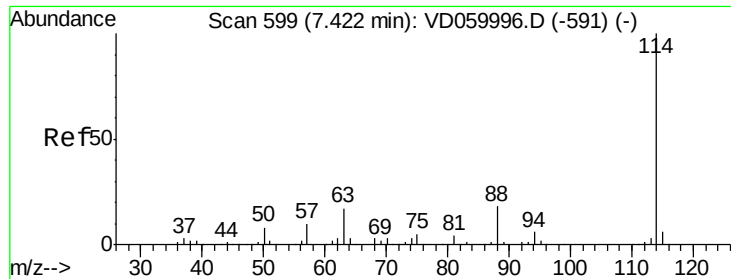
100000

50000

0

Time--> 6.60 6.70 6.80 6.90 7.00

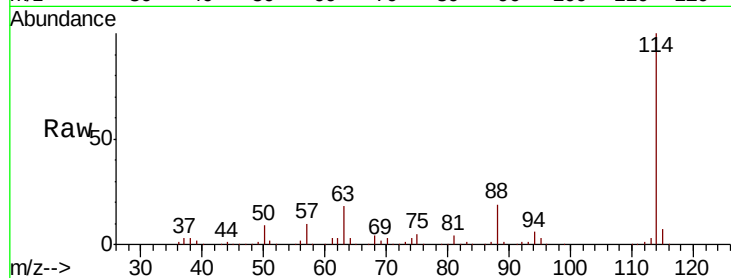




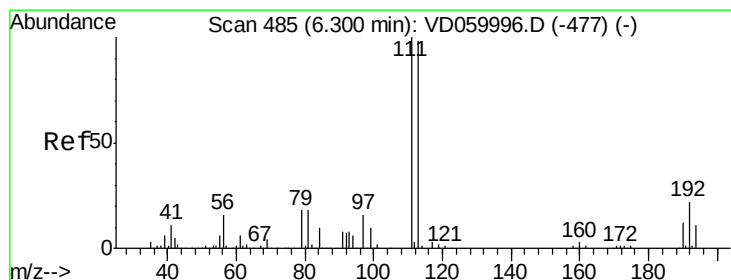
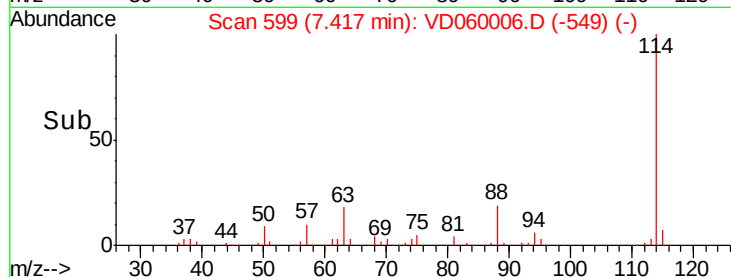
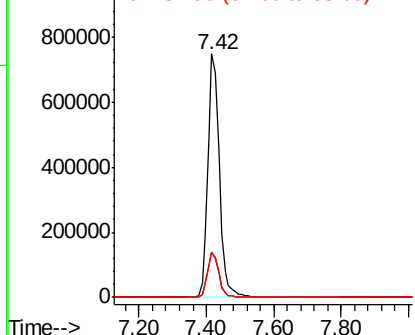
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: VD060006.D
 Acq: 14 Sep 2018 13:22

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-SOILRE

Tot Ion:114 Resp: 1773788
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 34.4
 88 18.6 0.0 35.8

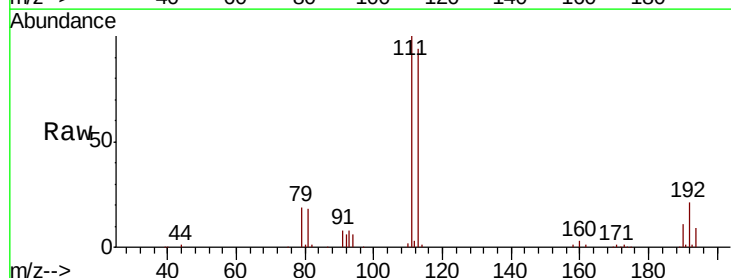


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

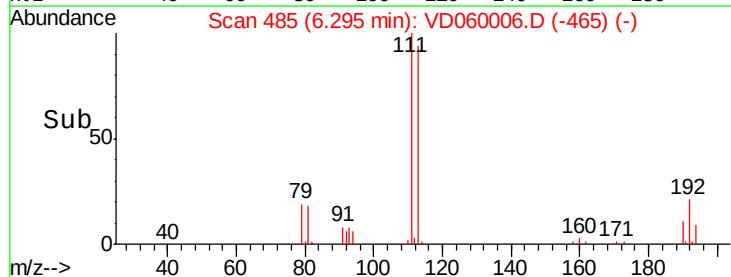
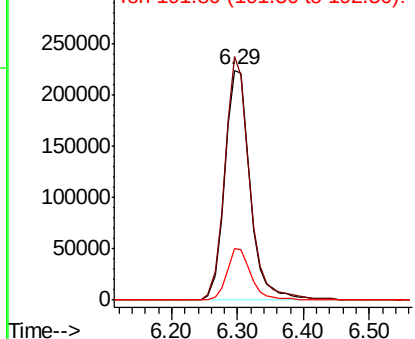


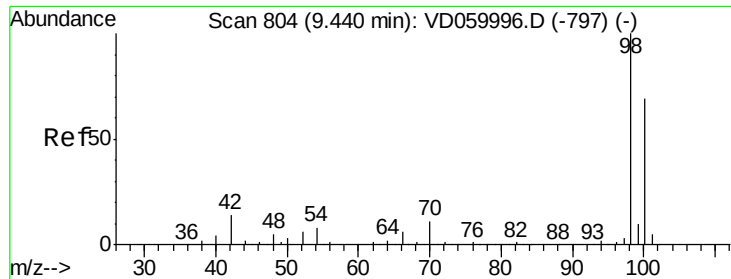
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.29 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: VD060006.D
 Acq: 14 Sep 2018 13:22

Tgt Ion:113 Resp: 606432
 Ion Ratio Lower Upper
 113 100
 111 106.0 81.3 121.9
 192 22.3 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

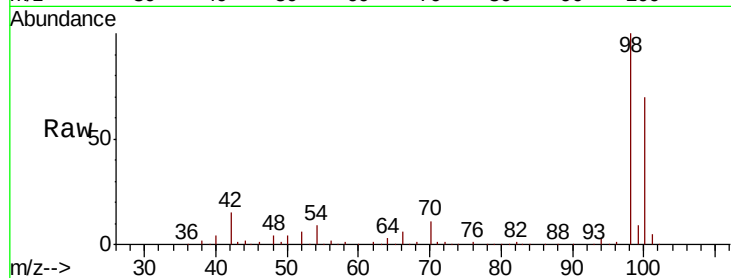




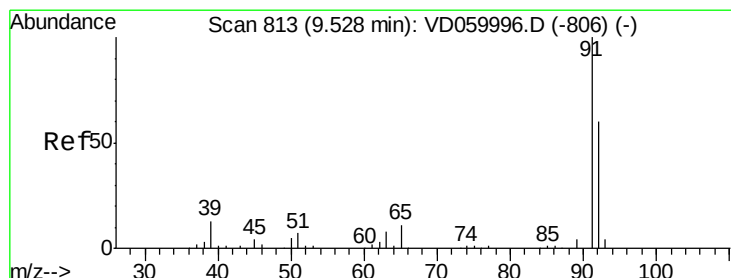
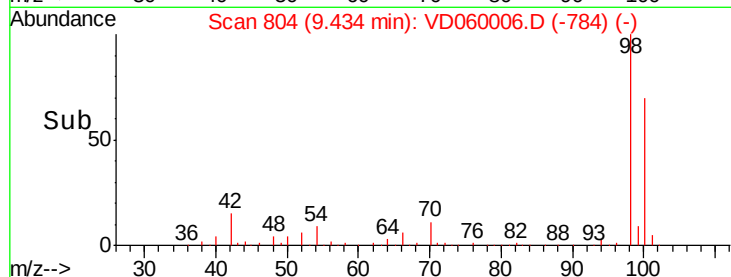
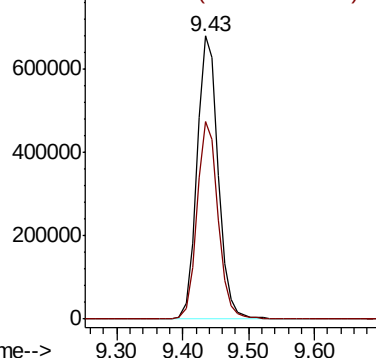
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 804
Delta R.T. -0.01 min
Lab File: VD060006.D
Acq: 14 Sep 2018 13:22

Instrument :
MSVOA_D
ClientSampleId :
CS-SOILRE

Tot Ion: 98 Resp: 1529989
Ion Ratio Lower Upper
98 100
100 69.6 55.8 83.6

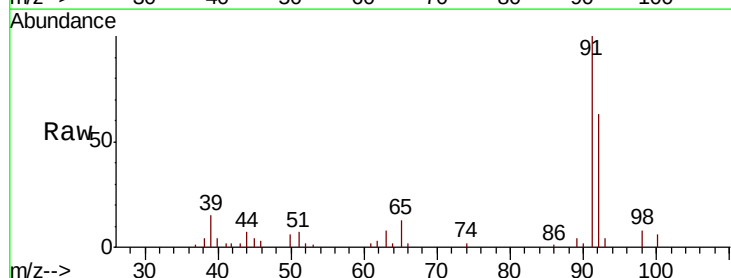


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

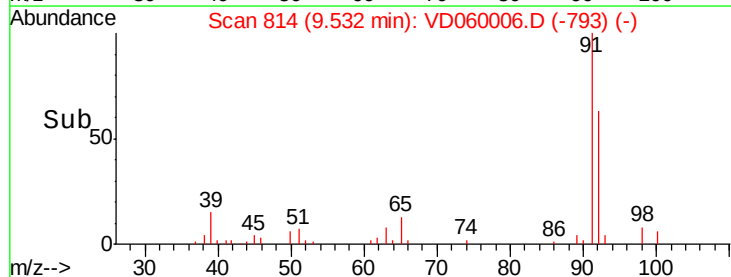
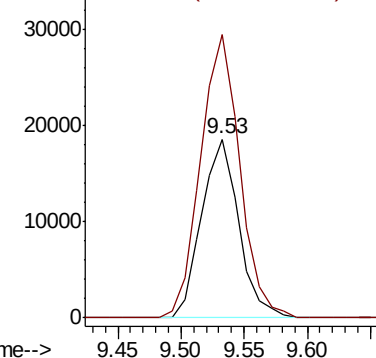


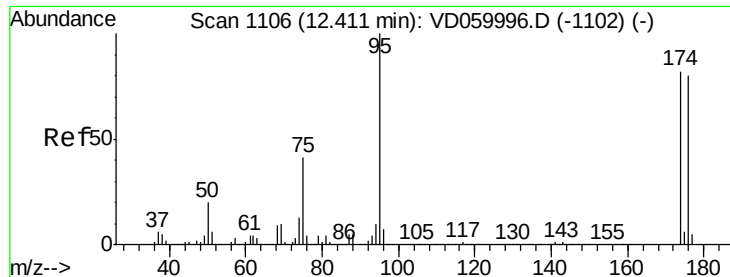
#52
Toluene
Concen: 1.32 ug/l
RT: 9.53 min Scan# 814
Delta R.T. 0.00 min
Lab File: VD060006.D
Acq: 14 Sep 2018 13:22

Tgt Ion: 92 Resp: 37860
Ion Ratio Lower Upper
92 100
91 158.5 132.3 198.5



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: 12.42 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VD060006.D

Acq: 14 Sep 2018 13:22

Instrument :

MSVOA_D

ClientSampleId :

CS-SOILRE

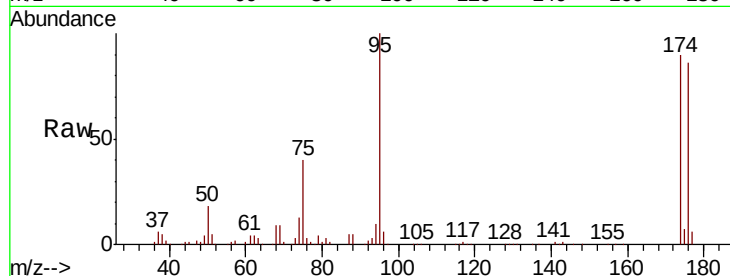
Tot Ion: 95 Resp: 441497

Ion Ratio Lower Upper

95 100

174 90.3 0.0 165.0

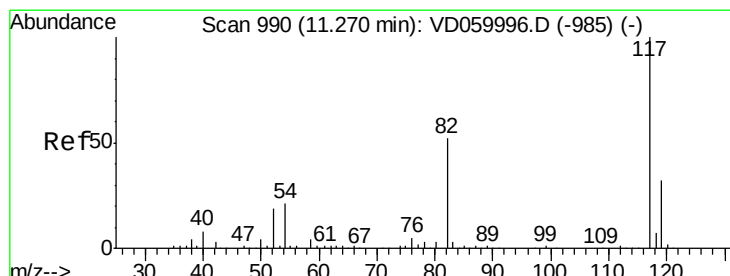
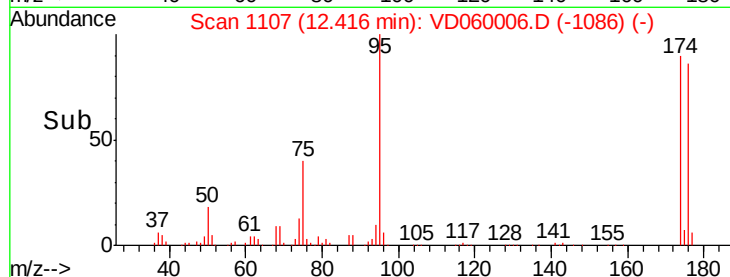
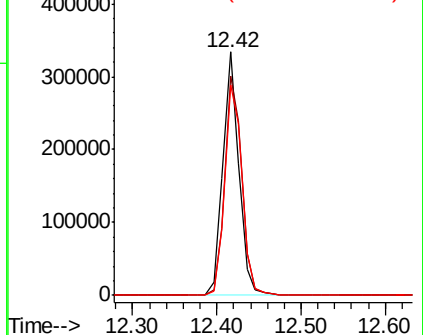
176 86.5 0.0 160.2



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: 11.27 min Scan# 991

Delta R.T. 0.00 min

Lab File: VD060006.D

Acq: 14 Sep 2018 13:22

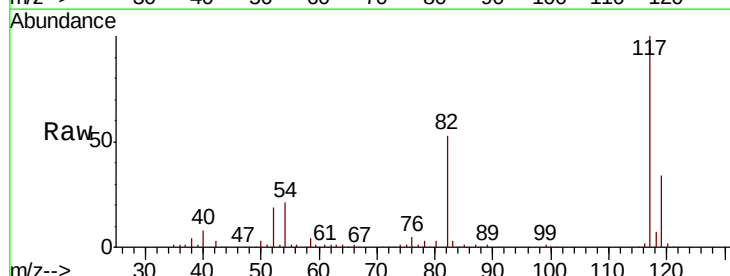
Tgt Ion: 117 Resp: 1213493

Ion Ratio Lower Upper

117 100

82 52.7 41.7 62.5

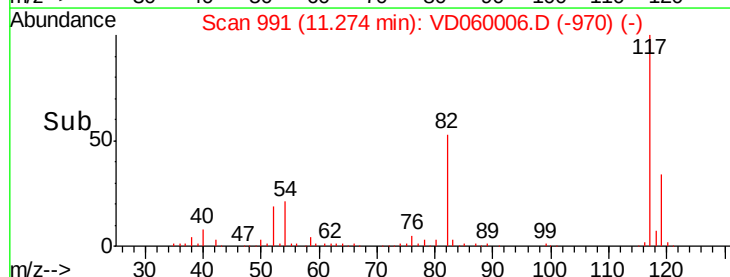
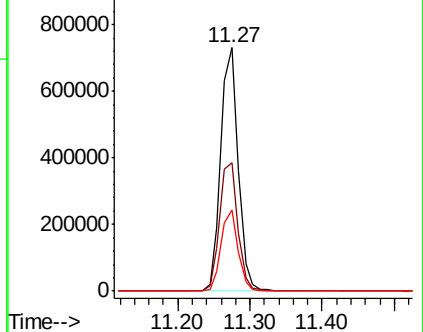
119 33.5 26.0 39.0

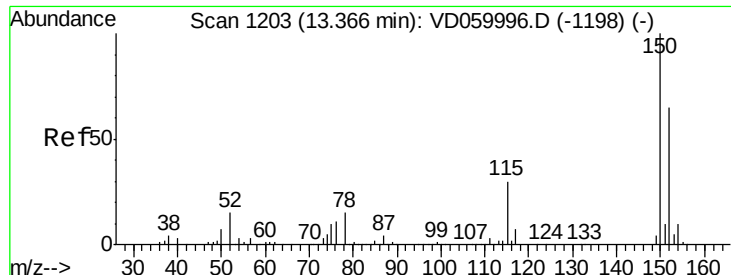


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.36 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: VD060006.D
 Acq: 14 Sep 2018 13:22

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-SOILRE

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.5	24.6	73.8
150	152.2	0.0	313.4

