

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061418.D
 Acq On : 29 Mar 2019 6:11
 Operator : VA/AP
 Sample : K2107-01RE
 Misc : 8.01g/5ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

Quant Time: Mar 29 06:50:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

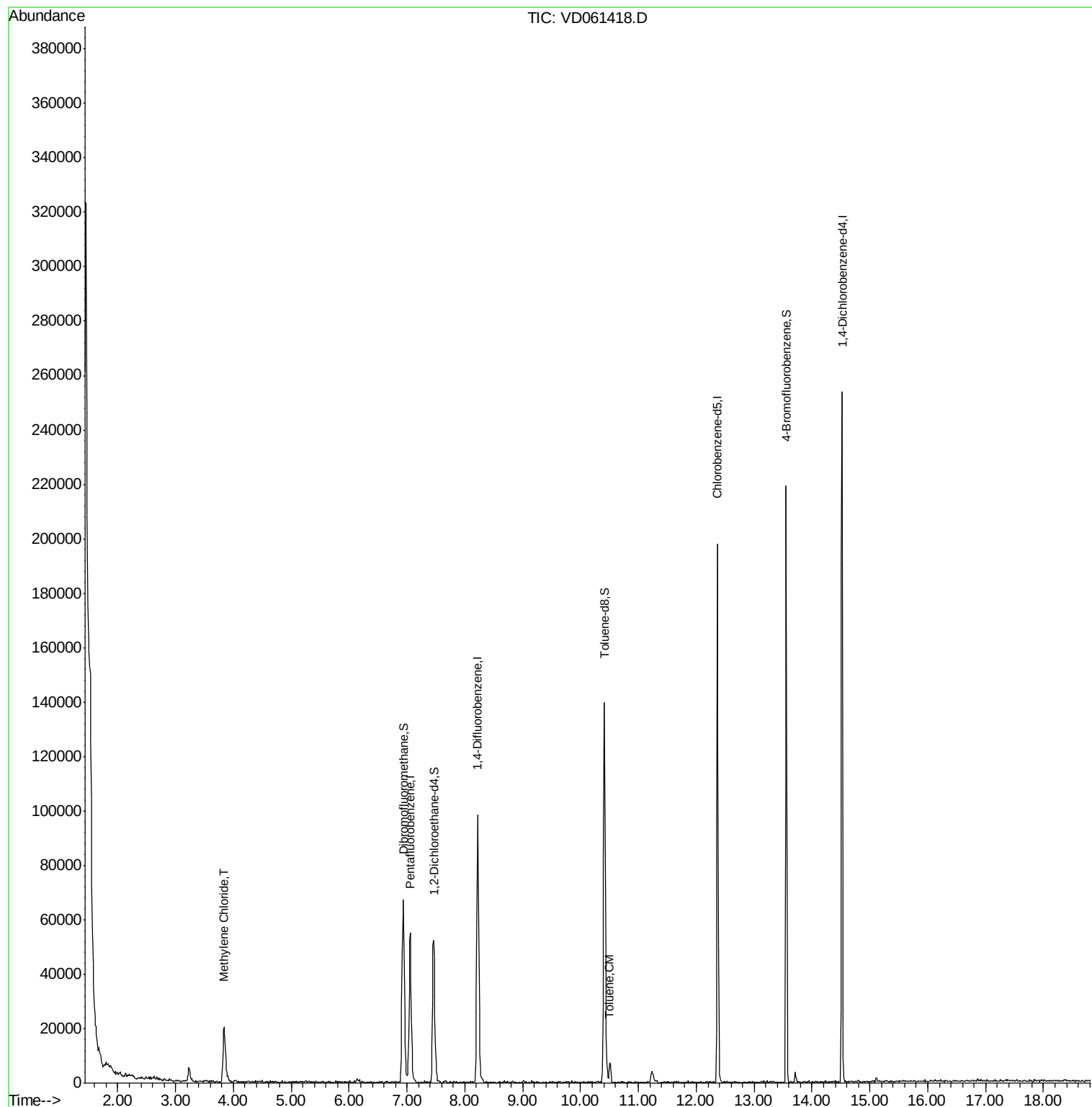
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	57764	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.22	114	124386	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	118423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	60419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	54433	110.31	ug/l	0.03
Spiked Amount 50.000			Recovery	=	220.62%	
35) Dibromofluoromethane	6.94	113	65344	68.74	ug/l	0.04
Spiked Amount 50.000			Recovery	=	137.48%	
50) Toluene-d8	10.41	98	133132	58.40	ug/l	0.03
Spiked Amount 50.000			Recovery	=	116.80%	
62) 4-Bromofluorobenzene	13.55	95	66432	75.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	151.98%	
Target Compounds						
20) Methylene Chloride	3.84	84	19034	25.859	ug/l	94
52) Toluene	10.51	92	4217	2.537	ug/l	95

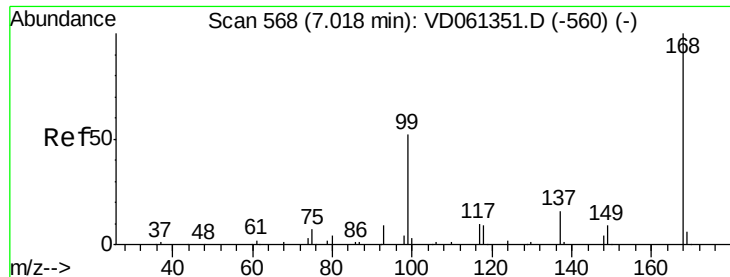
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.04 min

Lab File: VD061418.D

Acq: 29 Mar 2019 6:11

Instrument :

MSVOA_D

ClientSampleId :

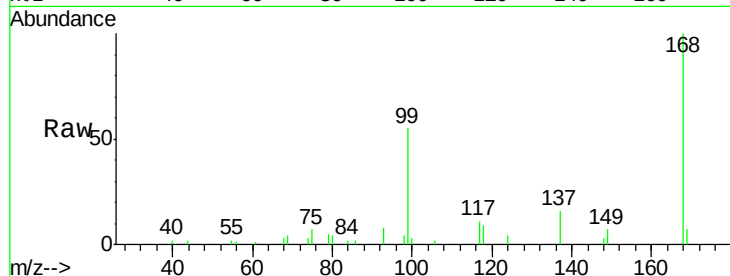
TP-1RE

Tot Ion:168 Resp: 57764

Ion Ratio Lower Upper

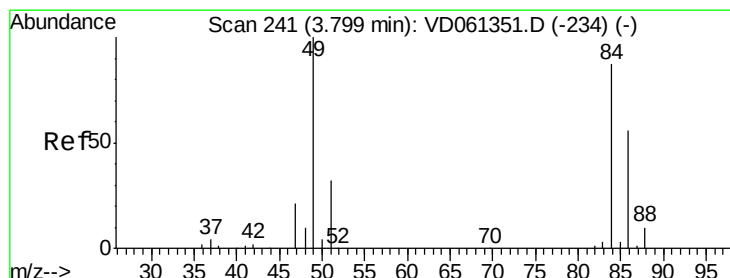
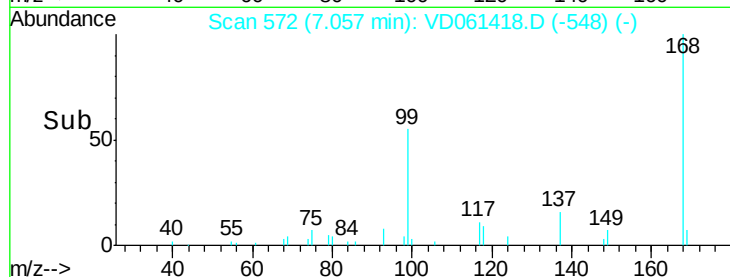
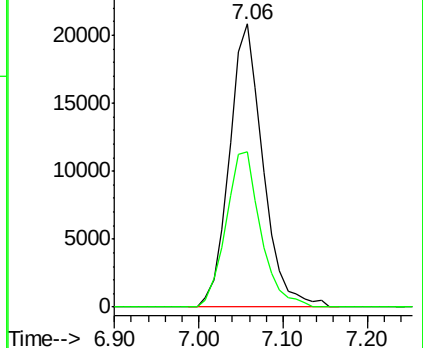
168 100

99 54.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 25.859 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.04 min

Lab File: VD061418.D

Acq: 29 Mar 2019 6:11

Tgt Ion: 84 Resp: 19034

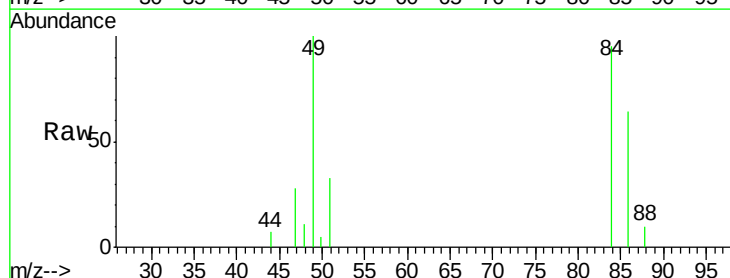
Ion Ratio Lower Upper

84 100

49 105.3 91.8 137.8

51 34.5 29.8 44.8

86 67.2 51.8 77.6

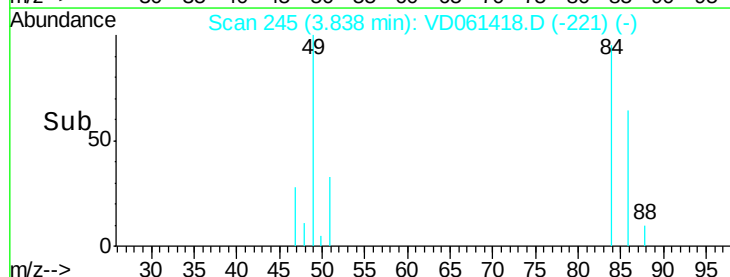
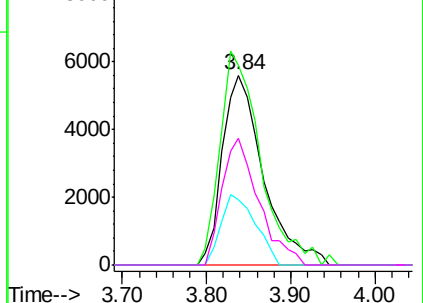


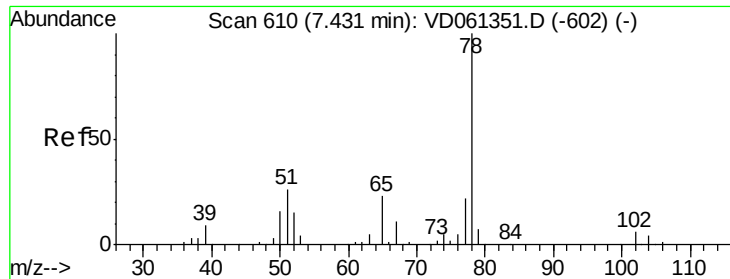
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD061418.D

Acq: 29 Mar 2019 6:11

Instrument :

MSVOA_D

ClientSampleId :

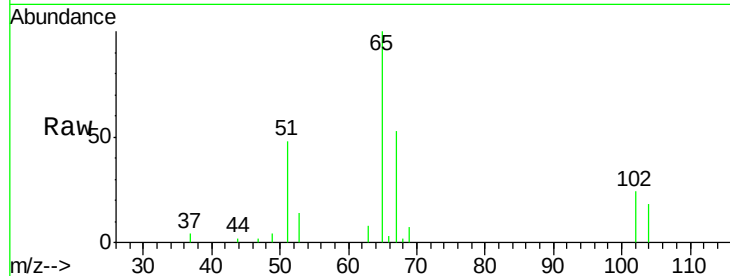
TP-1RE

Tot Ion: 65 Resp: 54433

Ion Ratio Lower Upper

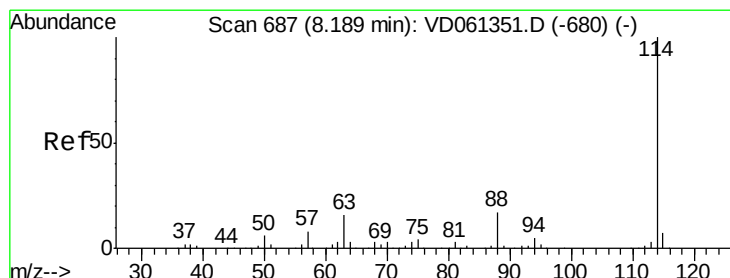
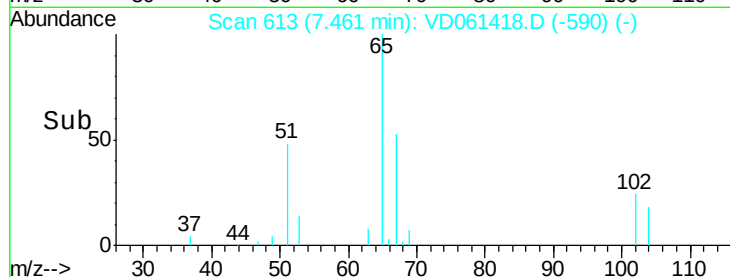
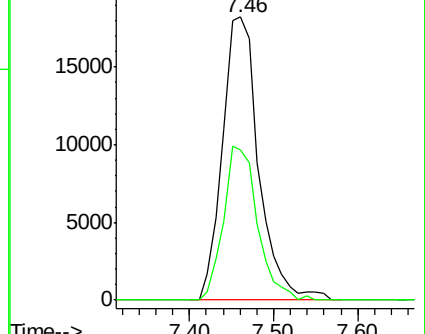
65 100

67 53.2 0.0 99.8



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: 8.22 min Scan# 690

Delta R.T. 0.03 min

Lab File: VD061418.D

Acq: 29 Mar 2019 6:11

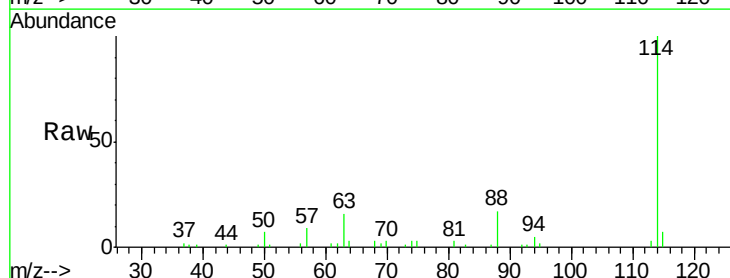
Tgt Ion: 114 Resp: 124386

Ion Ratio Lower Upper

114 100

63 16.2 0.0 31.6

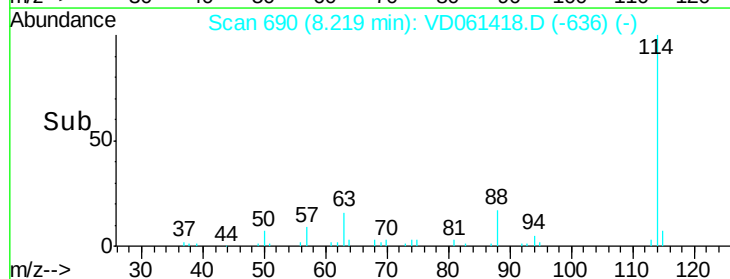
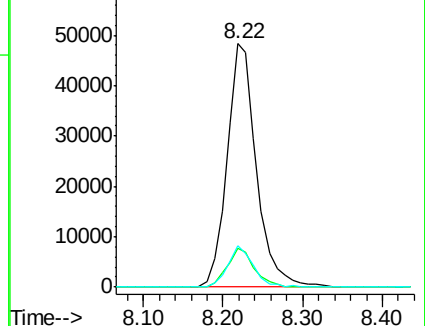
88 17.2 0.0 33.4

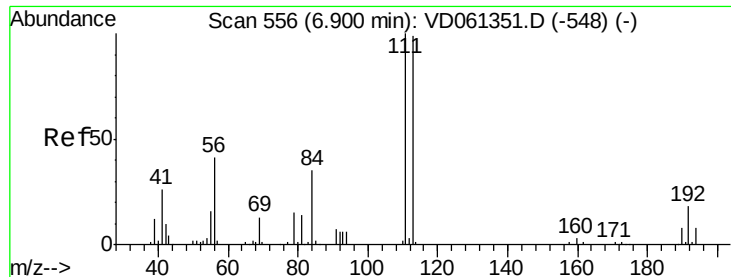


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

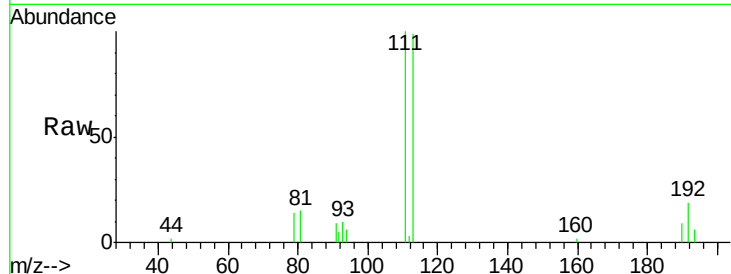




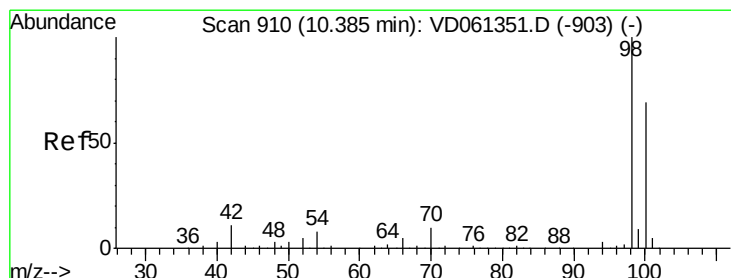
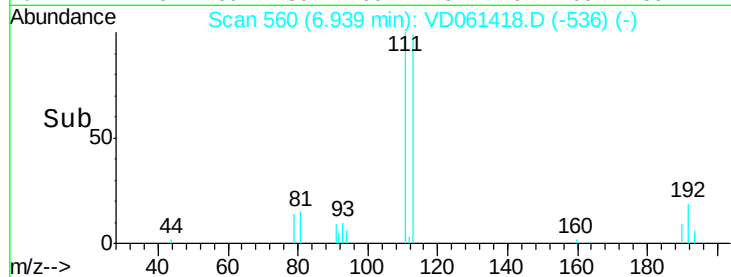
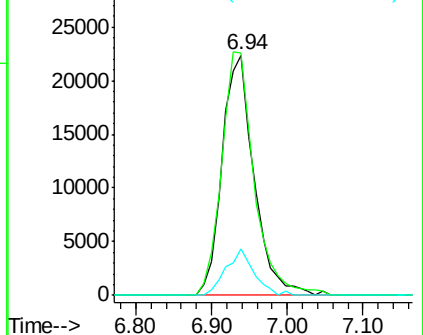
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD061418.D
 Acq: 29 Mar 2019 6:11

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

Tot Ion:113 Resp: 65344
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.0 121.6
 192 19.4 14.4 21.6

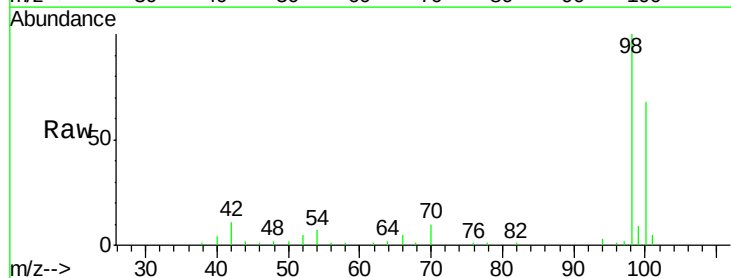


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

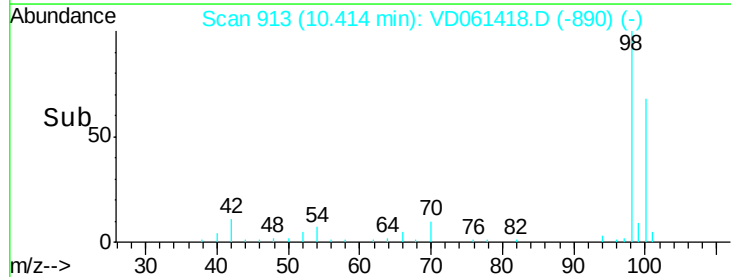
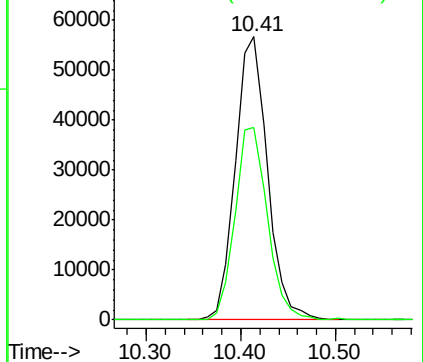


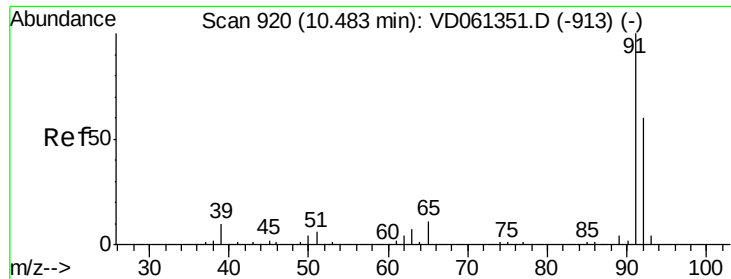
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.03 min
 Lab File: VD061418.D
 Acq: 29 Mar 2019 6:11

Tgt Ion: 98 Resp: 133132
 Ion Ratio Lower Upper
 98 100
 100 67.9 56.2 84.2



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





#52

Toluene

Concen: 2.537 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.03 min

Lab File: VD061418.D

Acq: 29 Mar 2019 6:11

Instrument :

MSVOA_D

ClientSampleId :

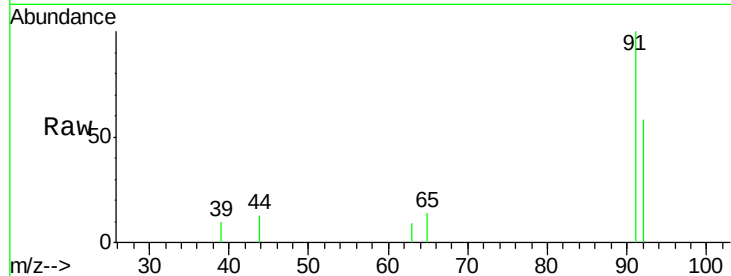
TP-1RE

Tot Ion: 92 Resp: 4217

Ion Ratio Lower Upper

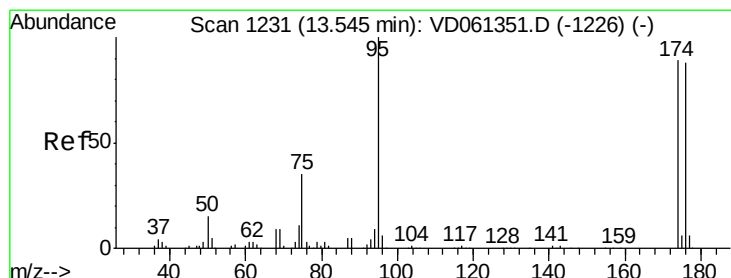
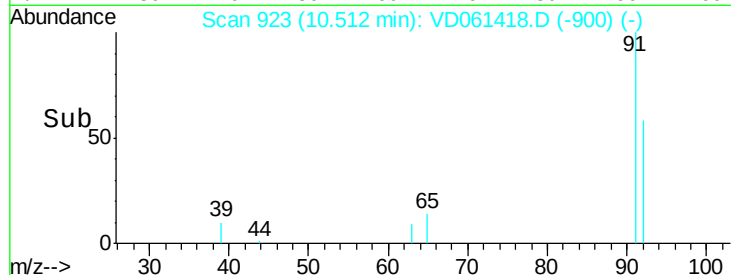
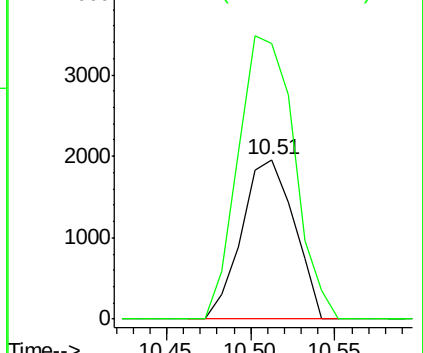
92 100

91 173.2 133.3 199.9



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: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD061418.D

Acq: 29 Mar 2019 6:11

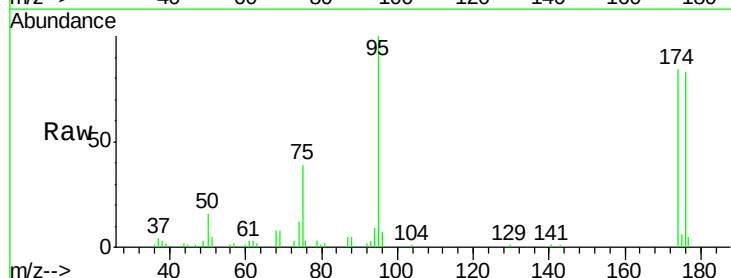
Tgt Ion: 95 Resp: 66432

Ion Ratio Lower Upper

95 100

174 84.5 0.0 178.0

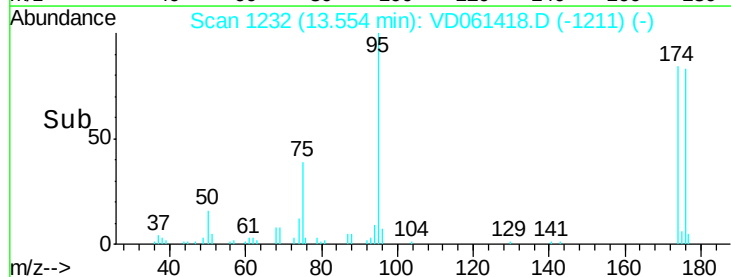
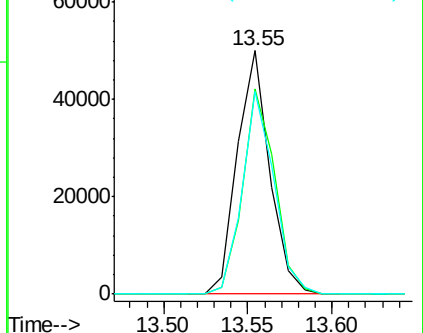
176 83.3 0.0 175.0

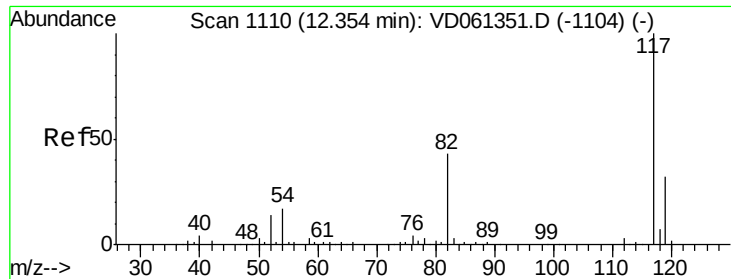


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

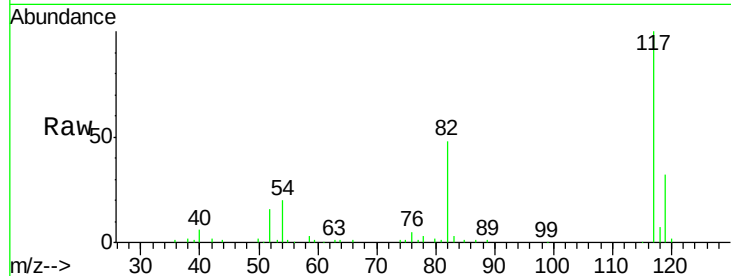




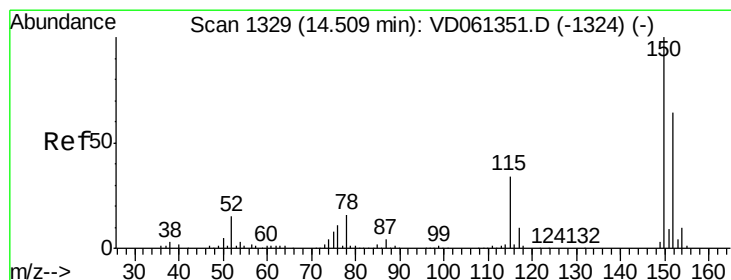
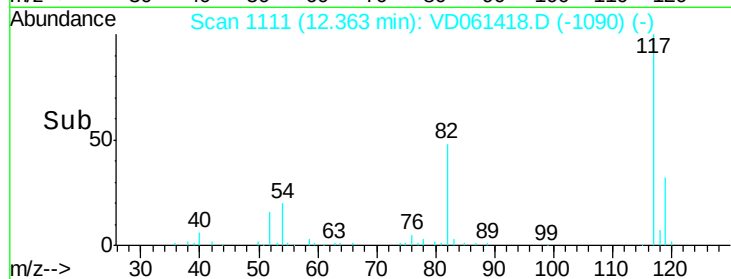
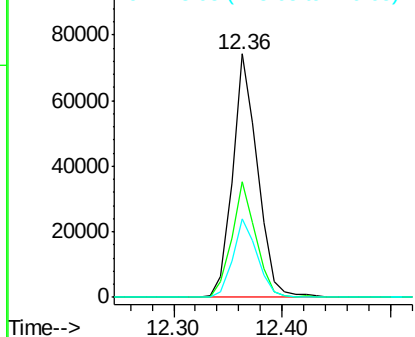
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VD061418.D
 Acq: 29 Mar 2019 6:11

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

Tot Ion:117 Resp: 118423
 Ion Ratio Lower Upper
 117 100
 82 47.6 34.4 51.6
 119 32.3 25.8 38.6

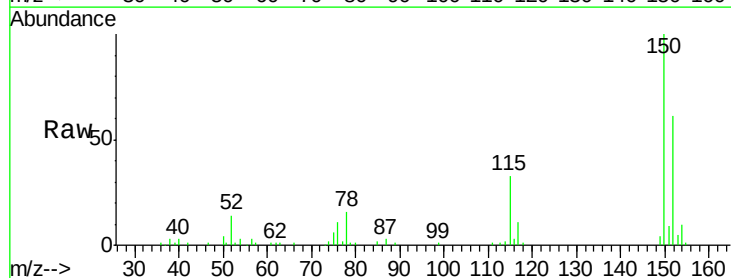


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD061418.D
 Acq: 29 Mar 2019 6:11

Tgt Ion:152 Resp: 60419
 Ion Ratio Lower Upper
 152 100
 115 53.4 26.9 80.6
 150 163.4 0.0 318.0



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

