

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061416.D
 Acq On : 29 Mar 2019 5:15
 Operator : VA/AP
 Sample : K2107-15
 Misc : 4.73g/5ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8

Quant Time: Mar 29 06:48:40 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

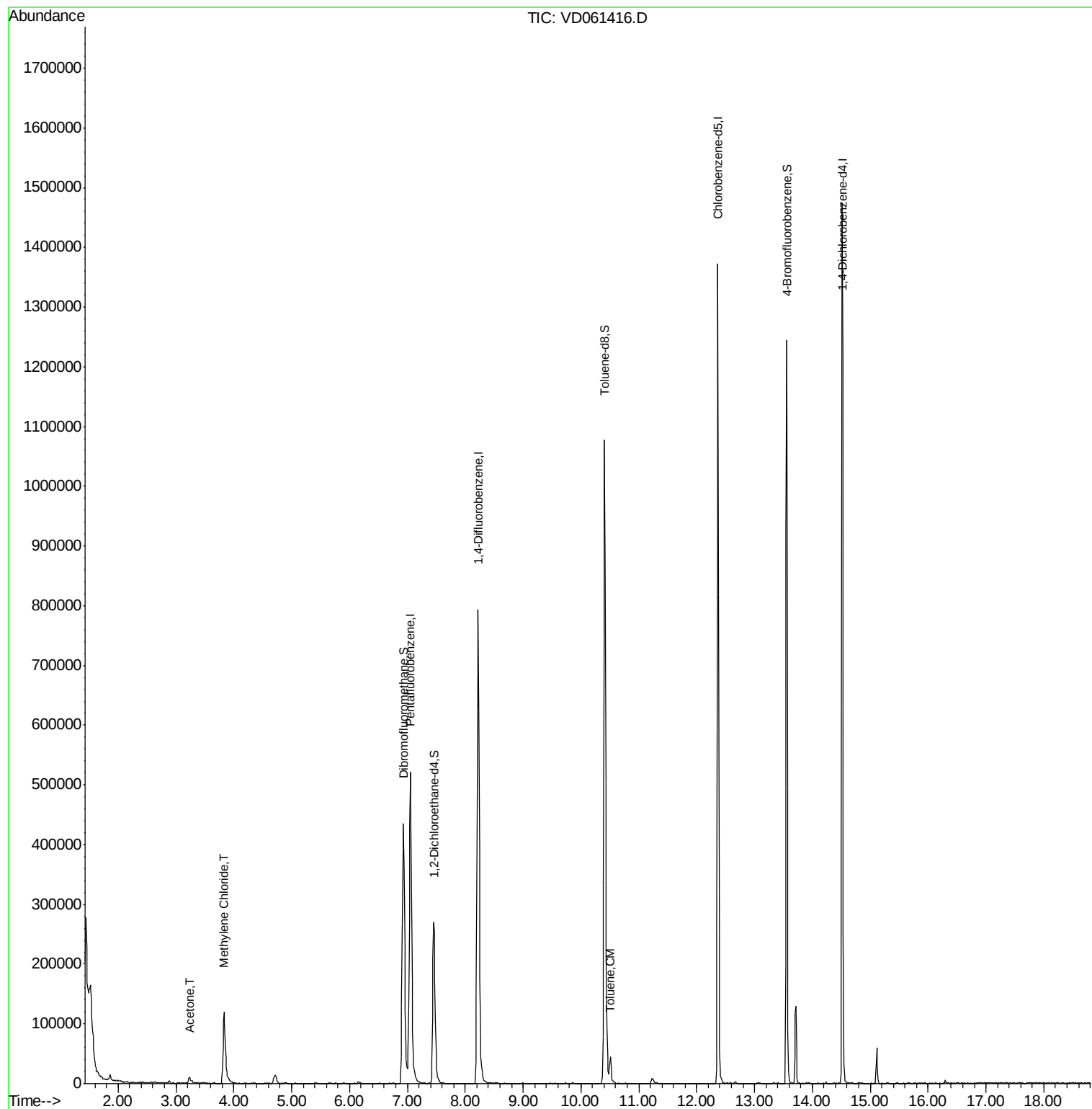
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	558308	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	998240	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	841634	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	359966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	269577	56.52	ug/l	0.02
Spiked Amount 50.000			Recovery	=	113.04%	
35) Dibromofluoromethane	6.93	113	430404	56.42	ug/l	0.03
Spiked Amount 50.000			Recovery	=	112.84%	
50) Toluene-d8	10.41	98	926773	50.65	ug/l	0.02
Spiked Amount 50.000			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	13.56	95	392072	55.88	ug/l	0.01
Spiked Amount 50.000			Recovery	=	111.76%	
Target Compounds						
16) Acetone	3.23	43	20512	16.730	ug/l	93
20) Methylene Chloride	3.83	84	97257	12.729	ug/l	93
52) Toluene	10.52	92	24607	1.845	ug/l	93

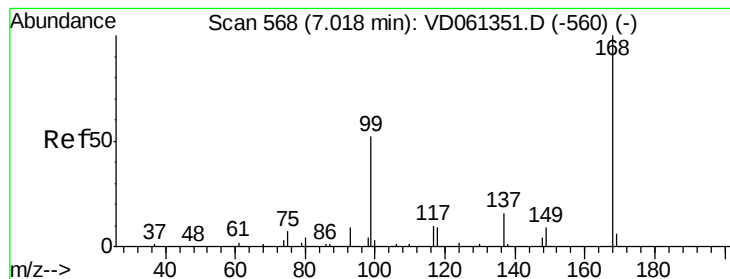
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD061416.D

Acq: 29 Mar 2019 5:15

Instrument :

MSVOA_D

ClientSampleId :

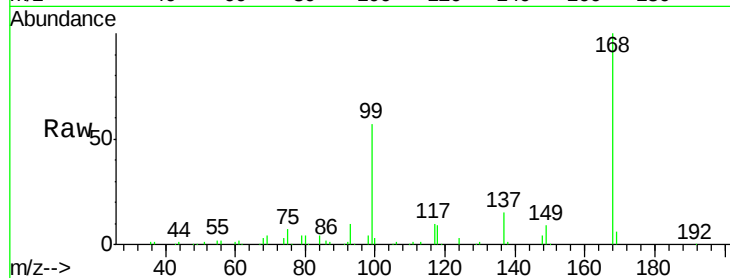
TP-8

Tot Ion:168 Resp: 558308

Ion Ratio Lower Upper

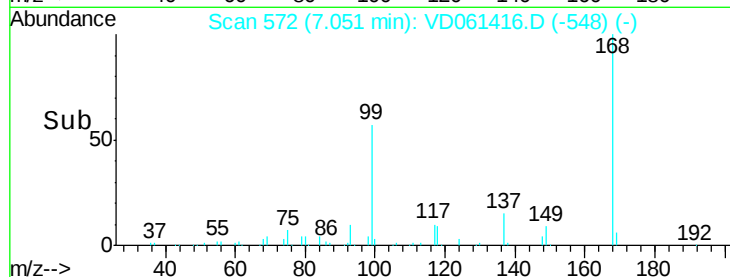
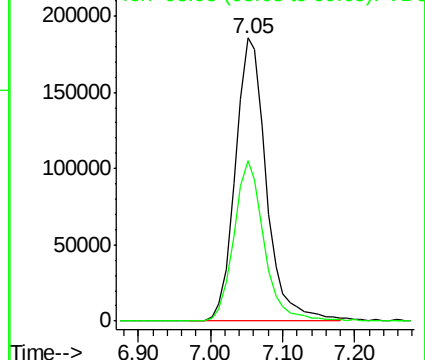
168 100

99 56.8 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 16.730 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.03 min

Lab File: VD061416.D

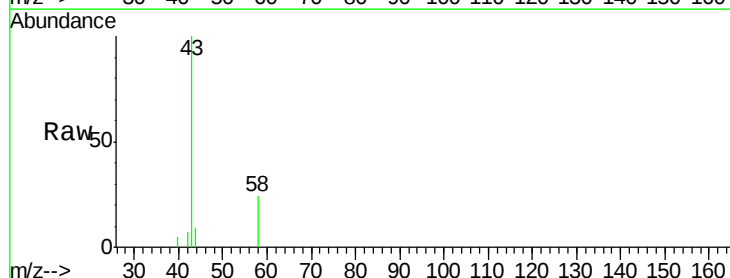
Acq: 29 Mar 2019 5:15

Tgt Ion: 43 Resp: 20512

Ion Ratio Lower Upper

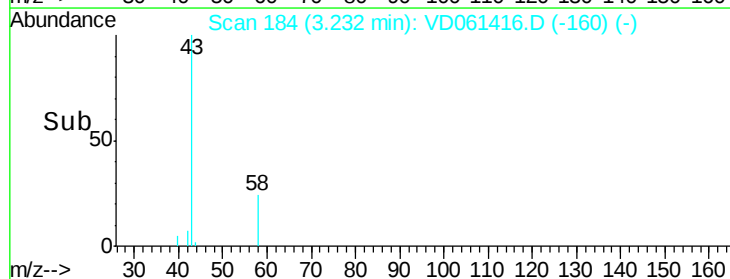
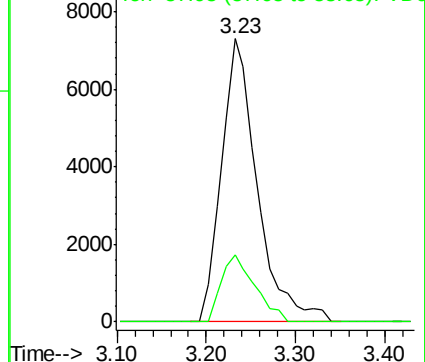
43 100

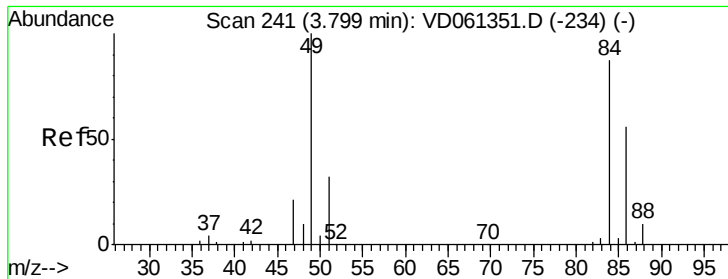
58 23.5 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

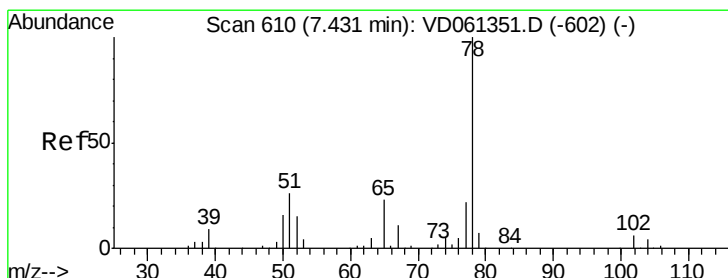
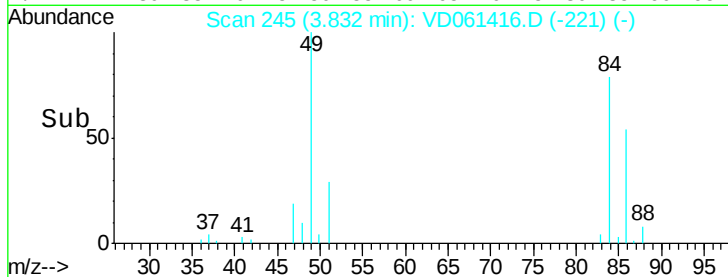
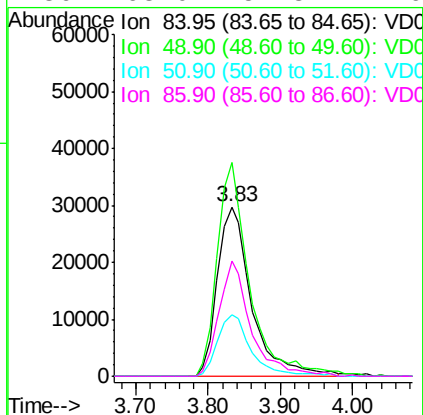
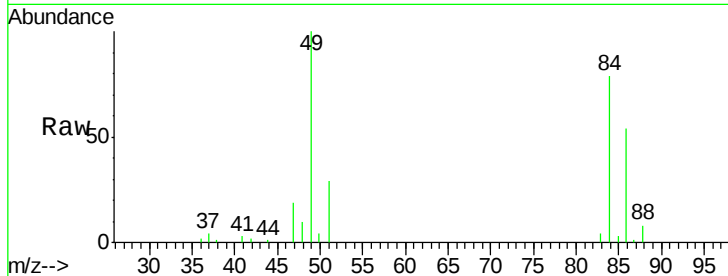




#20
Methvlene Chloride
Concen: 12.729 ug/l
RT: 3.83 min Scan# 245
Delta R.T. 0.03 min
Lab File: VD061416.D
Acq: 29 Mar 2019 5:15

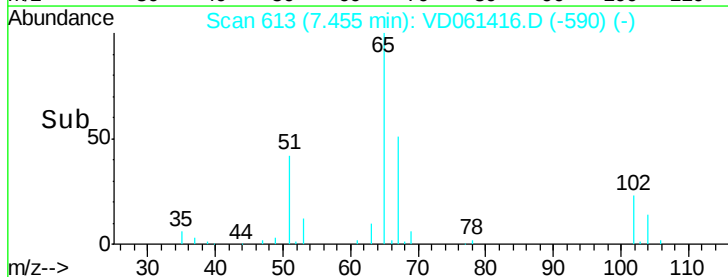
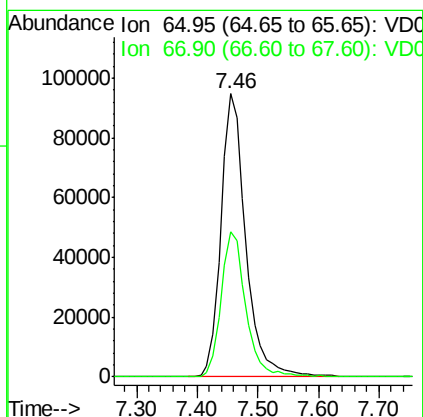
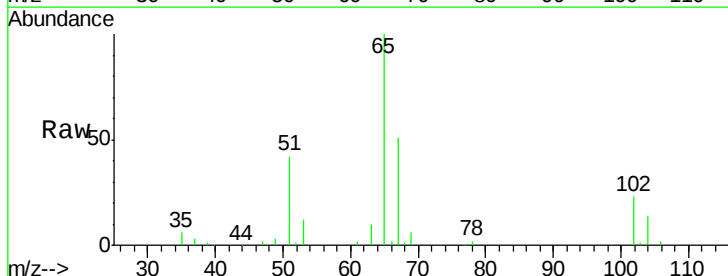
Instrument :
MSVOA_D
ClientSampleId :
TP-8

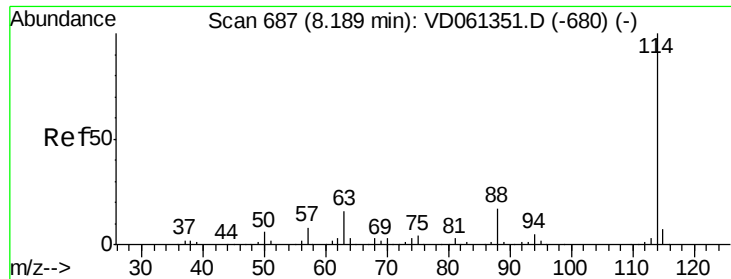
Tot Ion: 84 Resp: 97257
Ion Ratio Lower Upper
84 100
49 126.4 91.8 137.8
51 36.5 29.8 44.8
86 68.0 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.02 min
Lab File: VD061416.D
Acq: 29 Mar 2019 5:15

Tgt Ion: 65 Resp: 269577
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.8

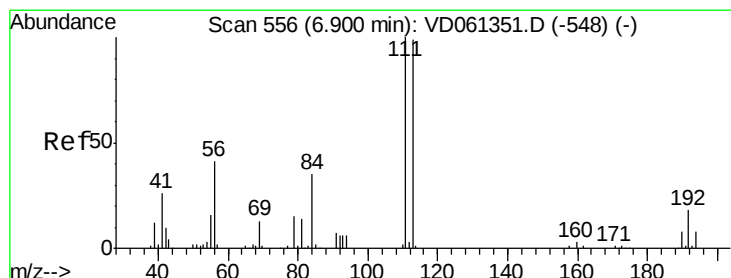
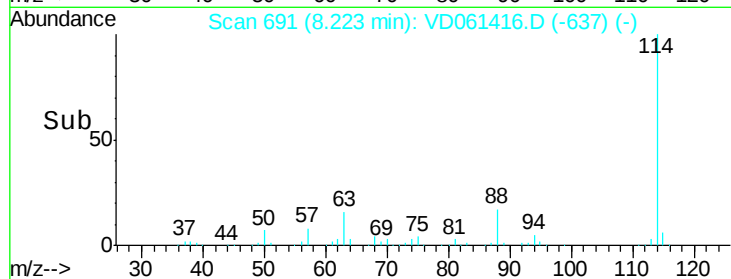
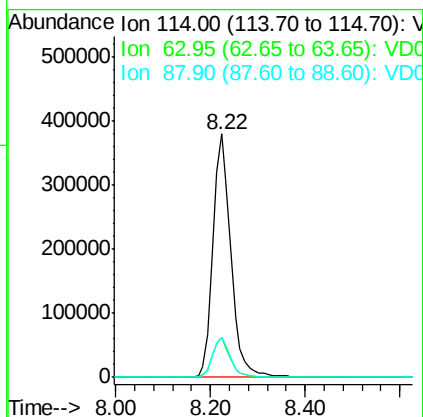
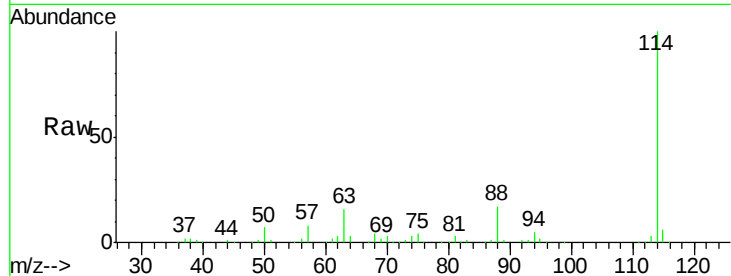




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD061416.D
 Acq: 29 Mar 2019 5:15

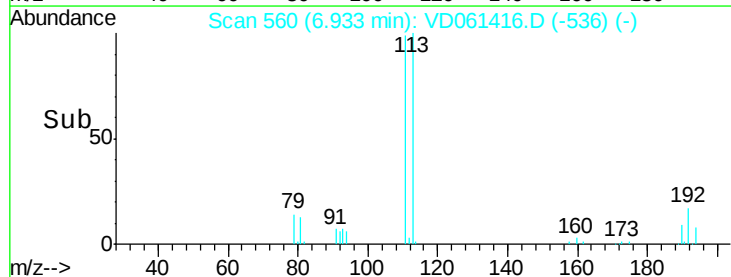
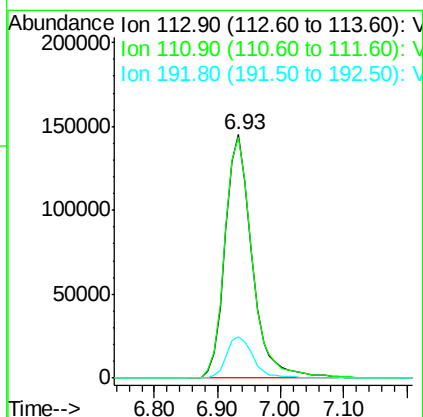
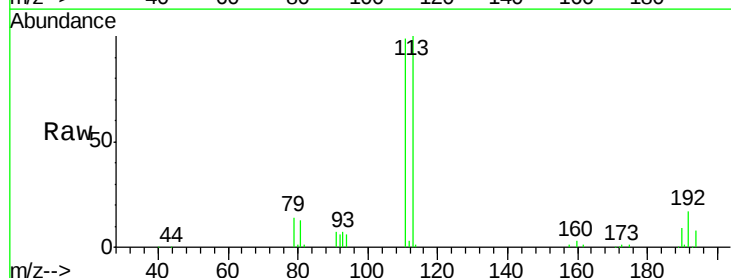
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8

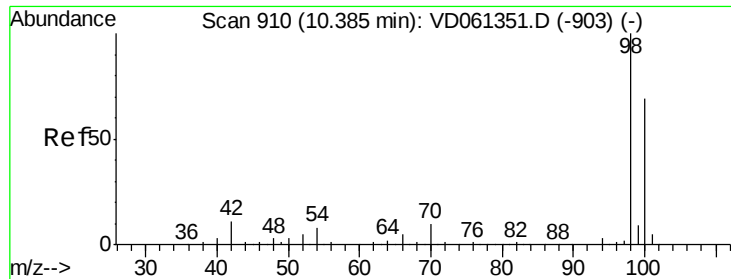
Tot Ion:114 Resp: 998240
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 31.6
 88 16.7 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.03 min
 Lab File: VD061416.D
 Acq: 29 Mar 2019 5:15

Tgt Ion:113 Resp: 430404
 Ion Ratio Lower Upper
 113 100
 111 98.8 81.0 121.6
 192 17.0 14.4 21.6

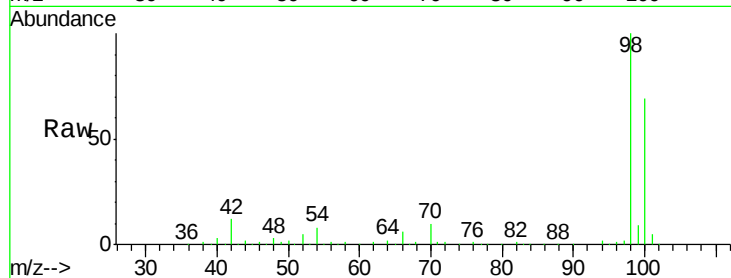




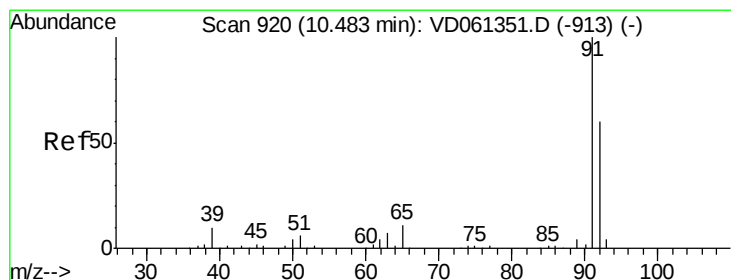
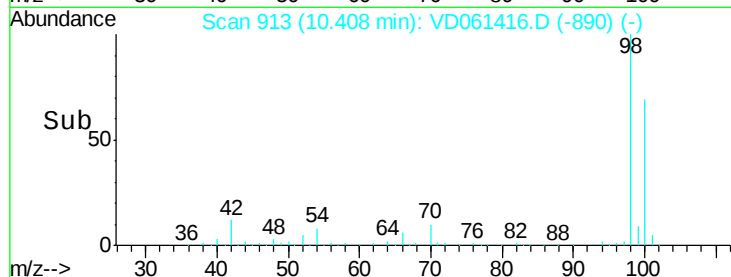
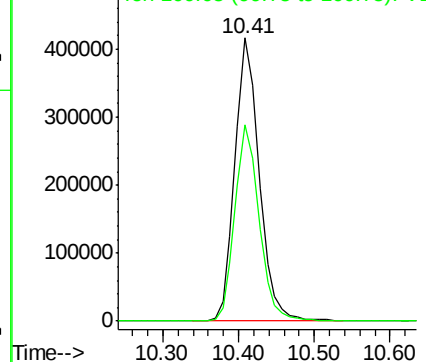
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.02 min
Lab File: VD061416.D
Acq: 29 Mar 2019 5:15

Instrument :
MSVOA_D
ClientSampleId :
TP-8

Tot Ion: 98 Resp: 926773
Ion Ratio Lower Upper
98 100
100 69.5 56.2 84.2

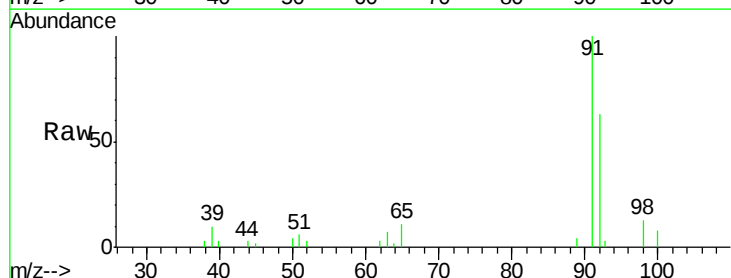


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

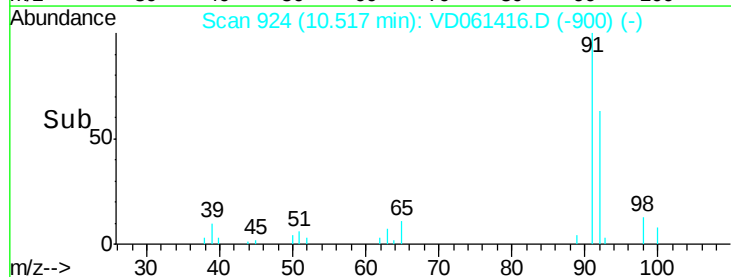
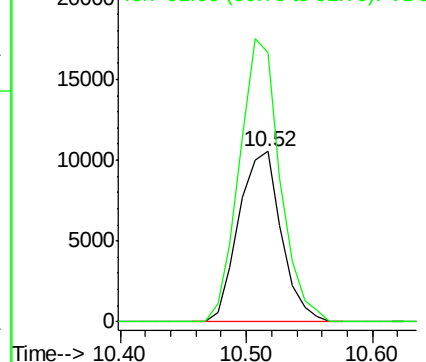


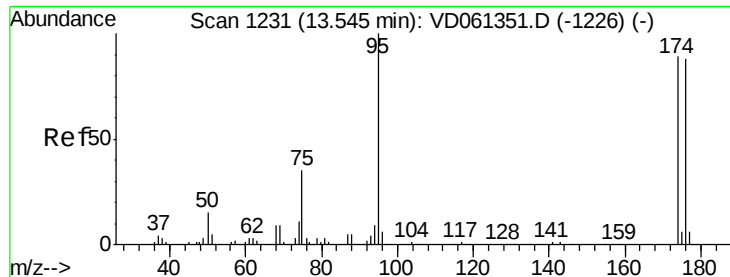
#52
Toluene
Concen: 1.845 ug/l
RT: 10.52 min Scan# 924
Delta R.T. 0.03 min
Lab File: VD061416.D
Acq: 29 Mar 2019 5:15

Tgt Ion: 92 Resp: 24607
Ion Ratio Lower Upper
92 100
91 157.7 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC

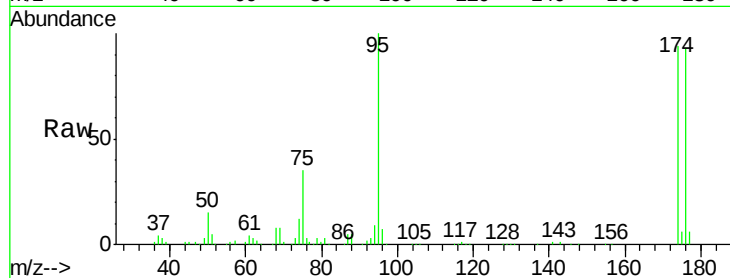




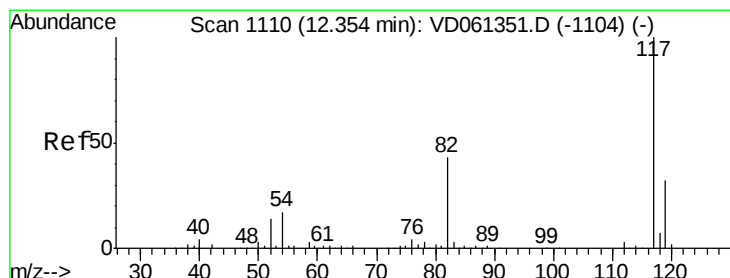
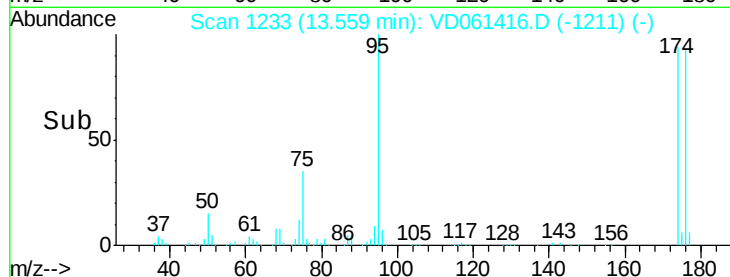
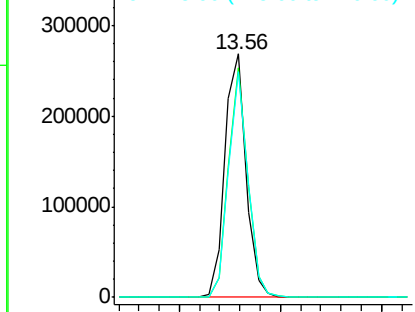
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061416.D
Acq: 29 Mar 2019 5:15

Instrument :
MSVOA_D
ClientSampleId :
TP-8

Tot Ion: 95 Resp: 392072
Ion Ratio Lower Upper
95 100
174 94.4 0.0 178.0
176 92.9 0.0 175.0

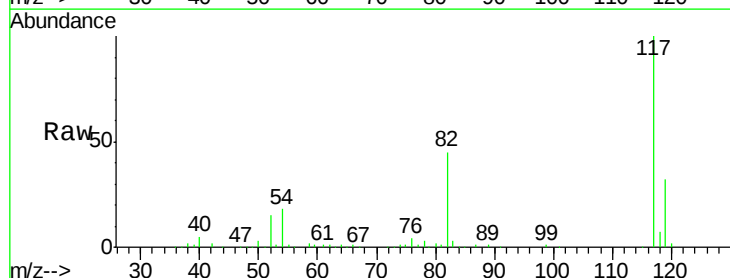


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

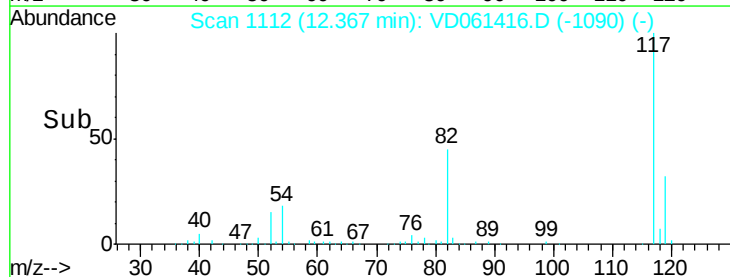
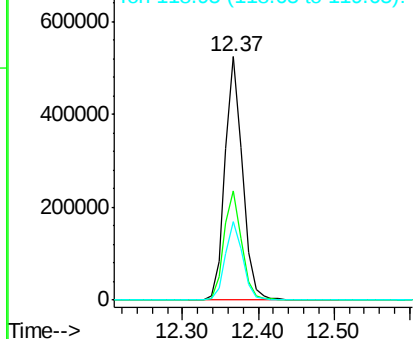


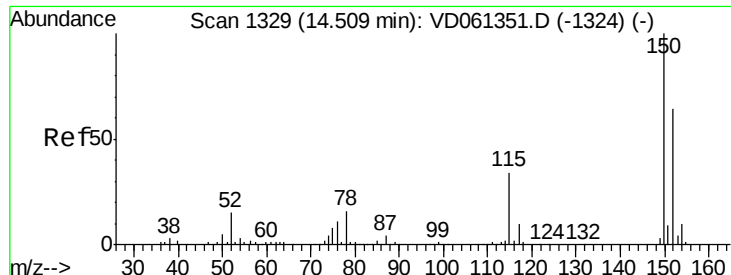
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061416.D
Acq: 29 Mar 2019 5:15

Tgt Ion: 117 Resp: 841634
Ion Ratio Lower Upper
117 100
82 44.9 34.4 51.6
119 32.1 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: 14.51 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD061416.D

Acq: 29 Mar 2019 5:15

Instrument :

MSVOA_D

ClientSampleId :

TP-8

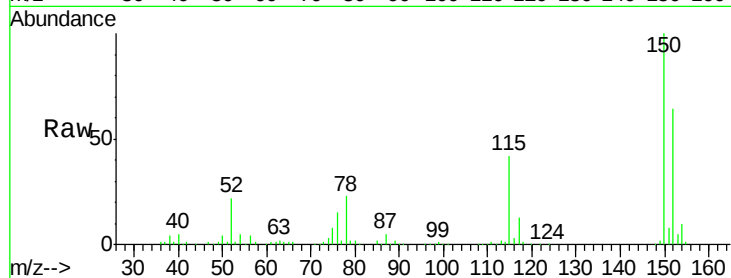
Tot Ion:152 Resp: 359966

Ion Ratio Lower Upper

152 100

115 64.8 26.9 80.6

150 155.8 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

