

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061748.D
 Acq On : 11 Apr 2019 18:34
 Operator : VA/AP
 Sample : K2355-02
 Misc : 6.02g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9-S2

Quant Time: Apr 12 23:37:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

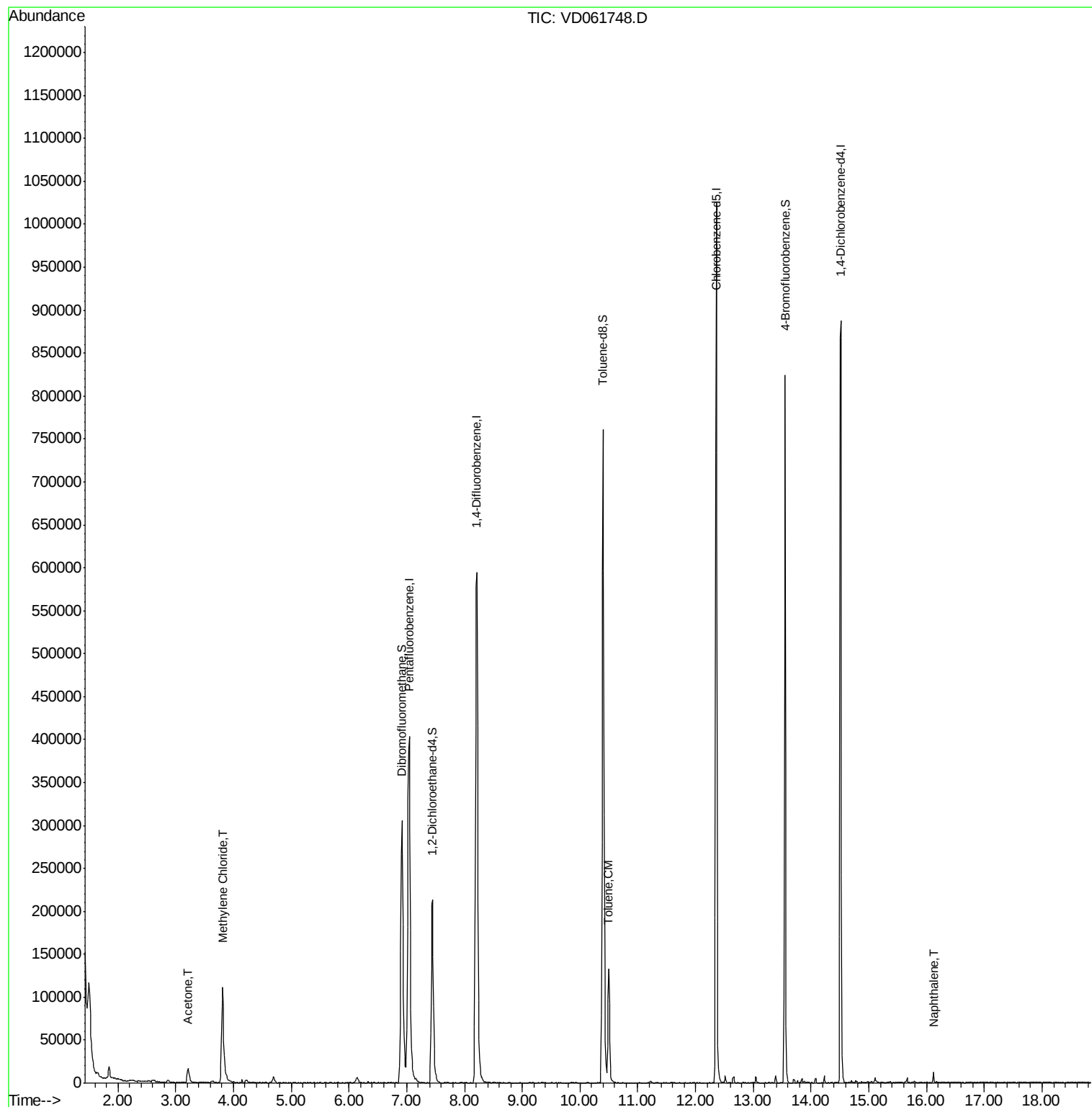
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	435481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	769389	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	629839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	234012	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	208443	63.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.30%	
35) Dibromofluoromethane	6.91	113	297612	55.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.68%	
50) Toluene-d8	10.40	98	654952	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	13.55	95	250832	54.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.48%	
Target Compounds						
16) Acetone	3.21	43	31743	32.169	ug/l	94
20) Methylene Chloride	3.81	84	80990	14.464	ug/l	98
52) Toluene	10.50	92	67302	6.635	ug/l	96
95) Naphthalene	16.12	128	9259	1.789	ug/l	98

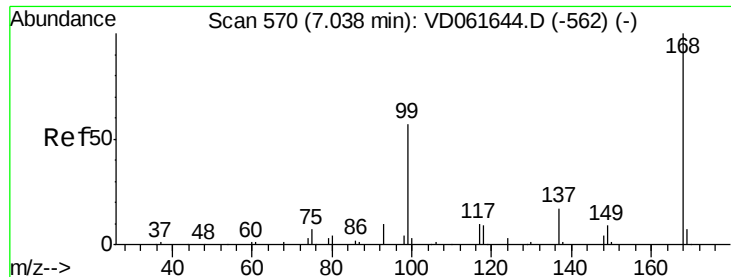
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041119\
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Acq On : 11 Apr 2019 18:34
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061748.D

Acq: 11 Apr 2019 18:34

Instrument :

MSVOA_D

ClientSampleId :

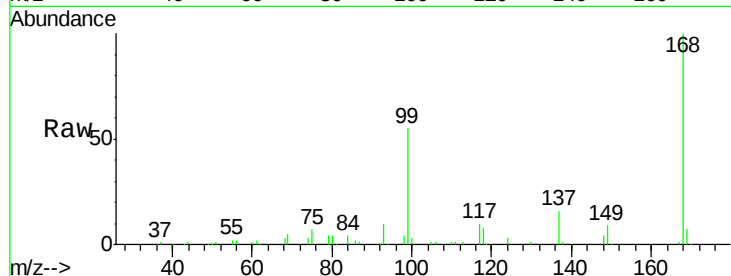
TP-9-S2

Tot Ion:168 Resp: 435481

Ion Ratio Lower Upper

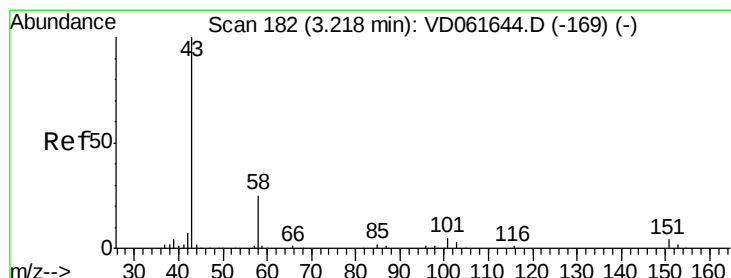
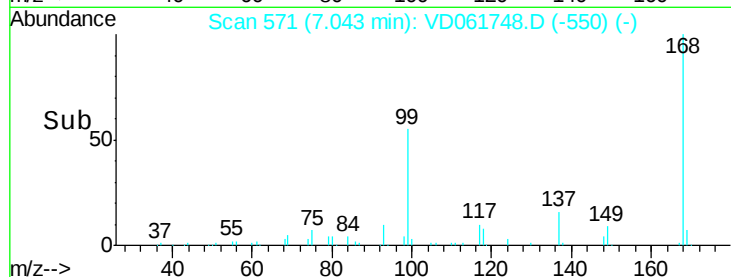
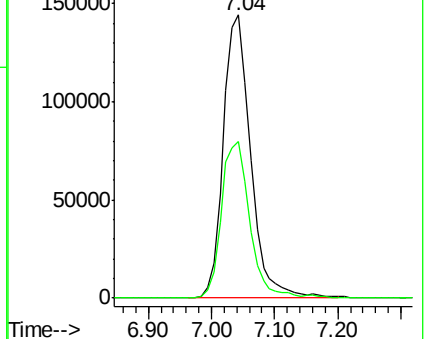
168 100

99 55.1 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 32.169 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD061748.D

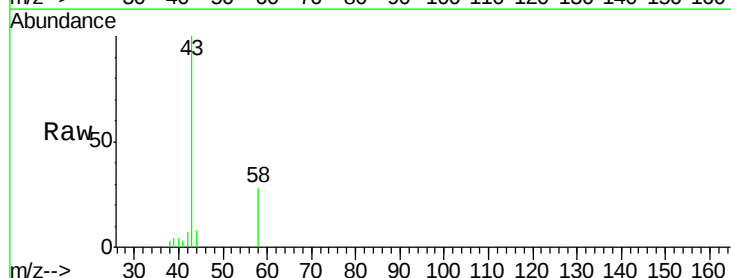
Acq: 11 Apr 2019 18:34

Tgt Ion: 43 Resp: 31743

Ion Ratio Lower Upper

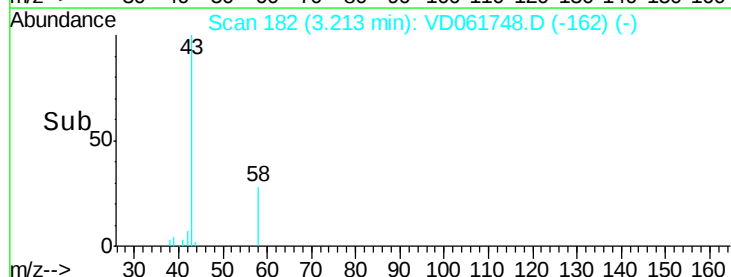
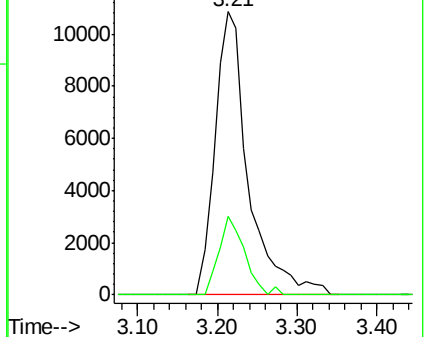
43 100

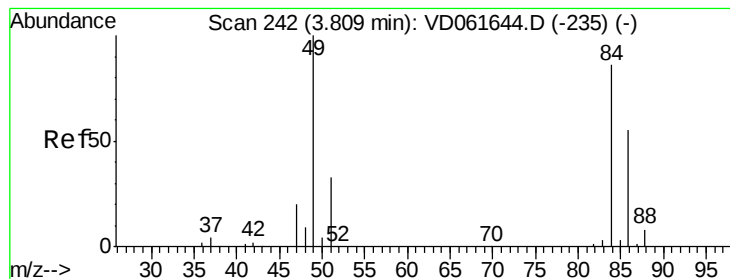
58 27.7 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 14.464 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061748.D

Acq: 11 Apr 2019 18:34

Instrument :

MSVOA_D

ClientSampleId :

TP-9-S2

Tot Ion: 84 Resp: 80990

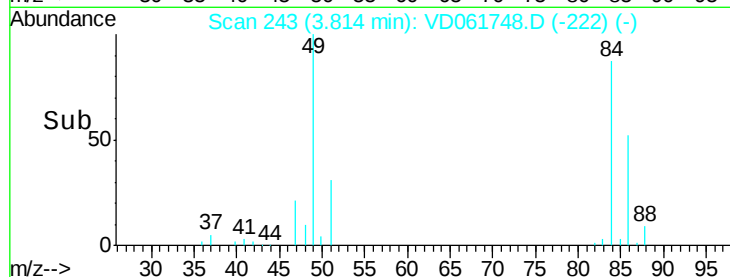
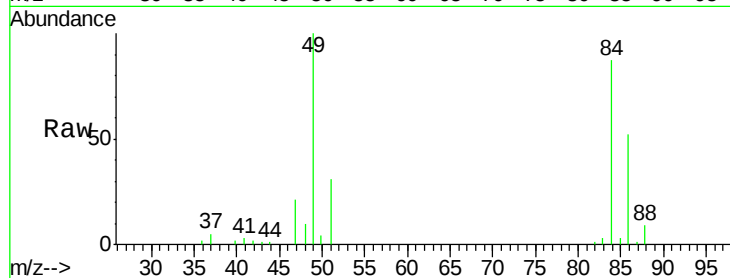
Ion Ratio Lower Upper

84 100

49 115.5 93.0 139.4

51 35.8 30.4 45.6

86 60.3 51.0 76.4

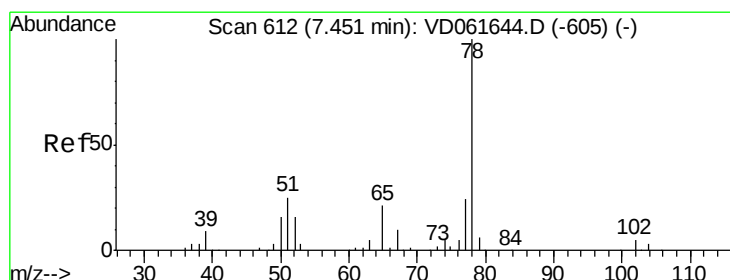
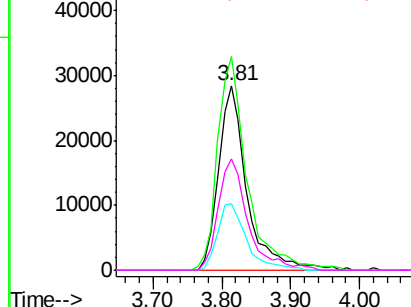


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD061748.D

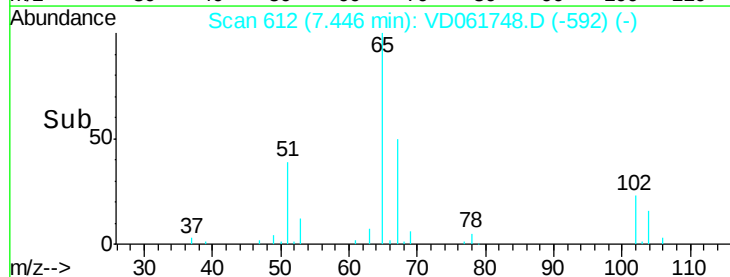
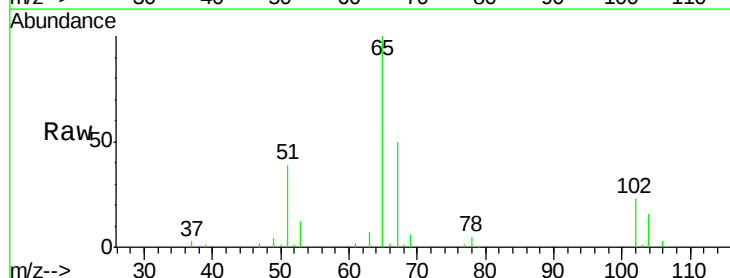
Acq: 11 Apr 2019 18:34

Tgt Ion: 65 Resp: 208443

Ion Ratio Lower Upper

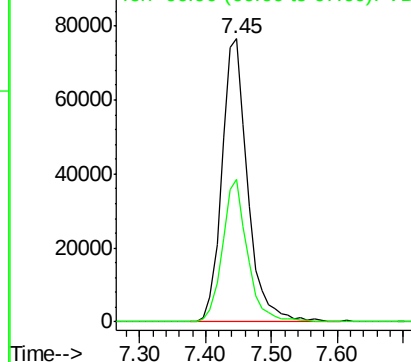
65 100

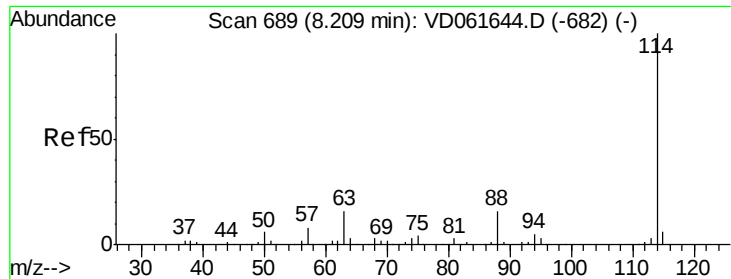
67 50.2 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

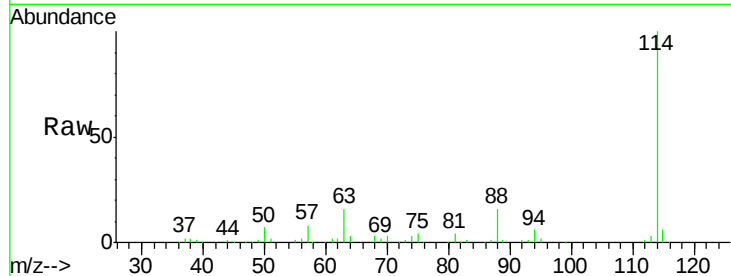




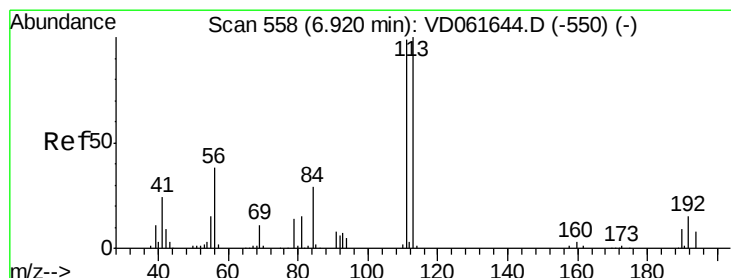
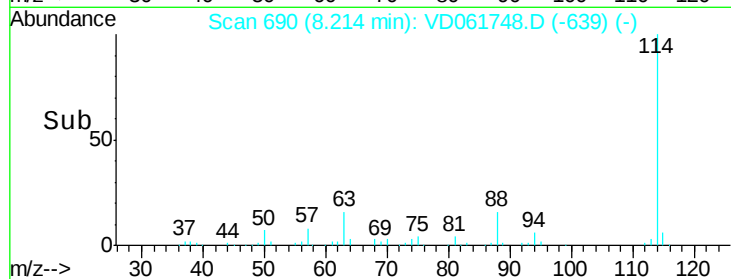
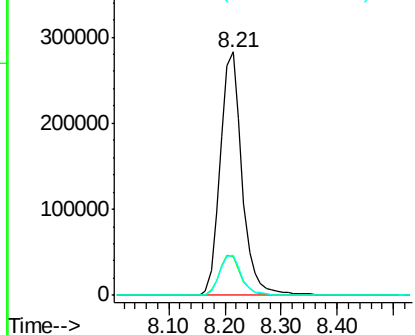
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD061748.D
 Acq: 11 Apr 2019 18:34

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9-S2

Tot Ion:114 Resp: 769389
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 31.2
 88 16.2 0.0 31.8

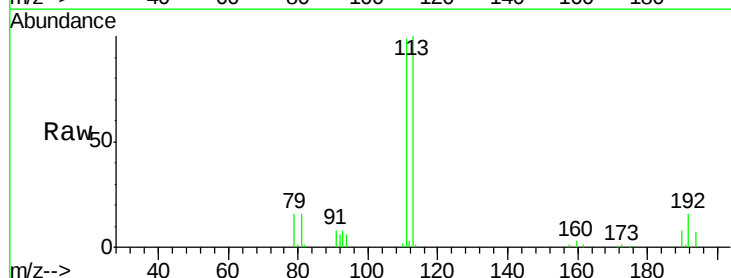


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

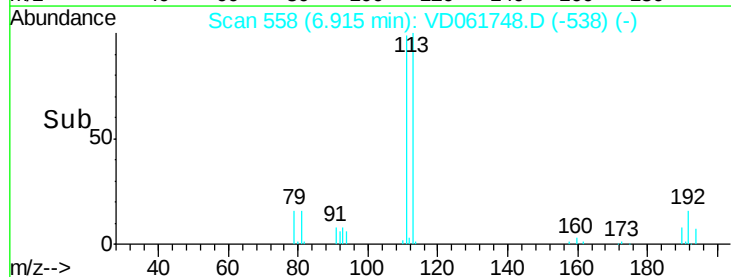
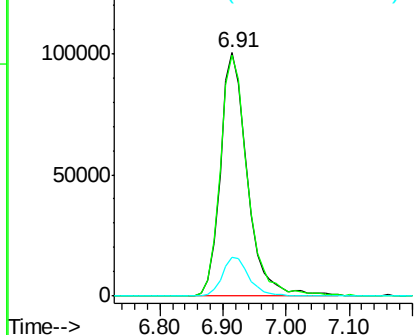


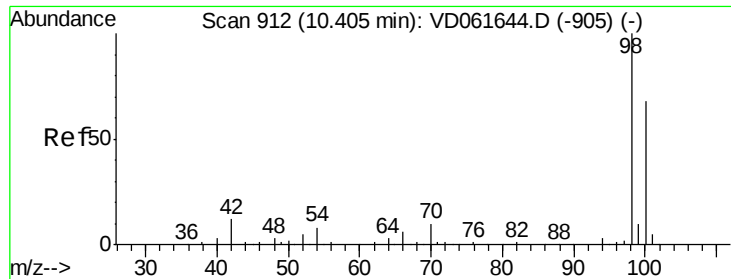
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: VD061748.D
 Acq: 11 Apr 2019 18:34

Tgt Ion:113 Resp: 297612
 Ion Ratio Lower Upper
 113 100
 111 99.2 79.3 118.9
 192 15.8 12.3 18.5



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

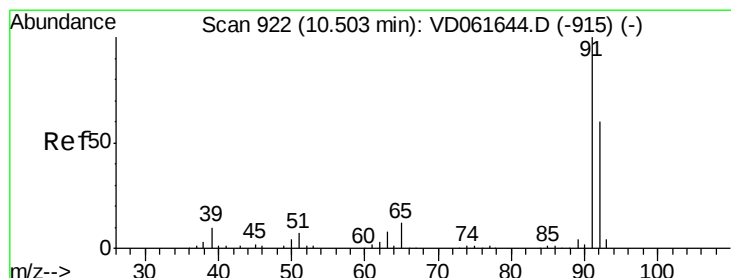
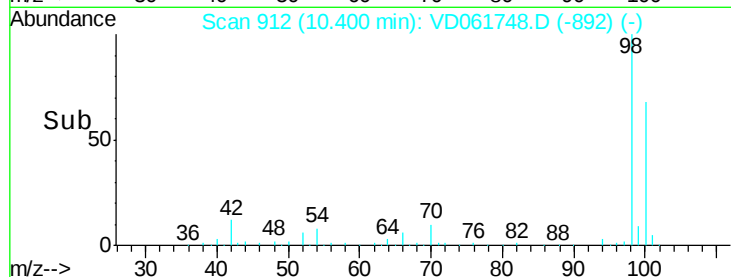
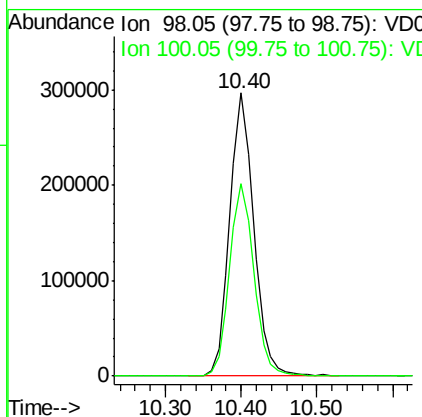
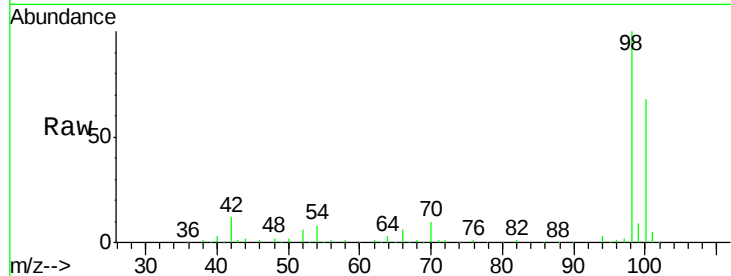




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD061748.D
Acq: 11 Apr 2019 18:34

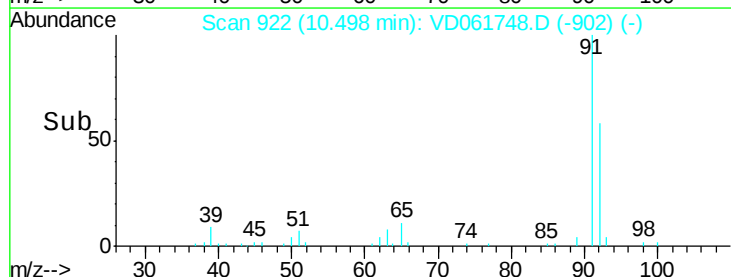
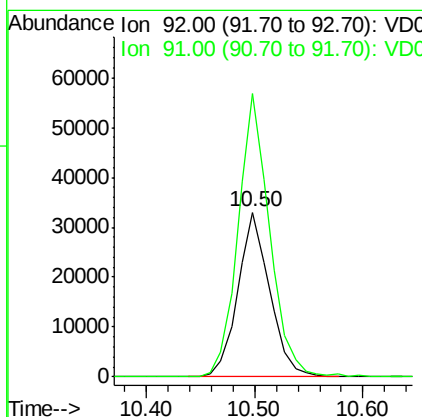
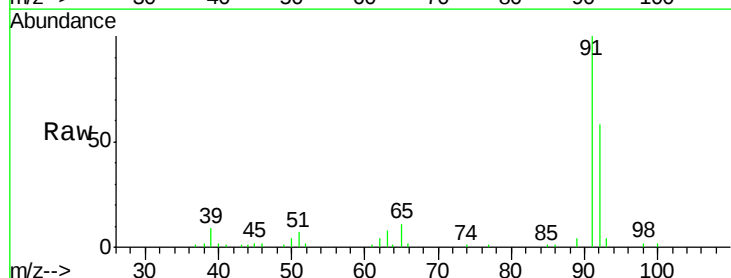
Instrument :
MSVOA_D
ClientSampleId :
TP-9-S2

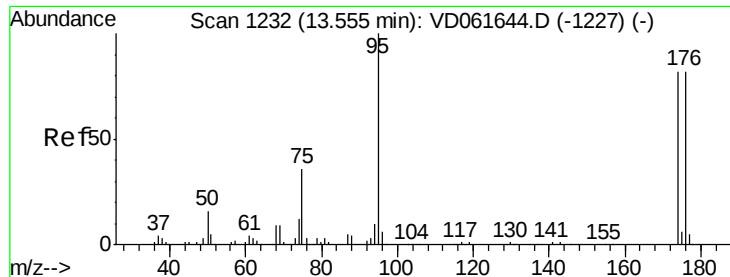
Tot Ion: 98 Resp: 654952
Ion Ratio Lower Upper
98 100
100 68.1 55.4 83.0



#52
Toluene
Concen: 6.635 ug/l
RT: 10.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: VD061748.D
Acq: 11 Apr 2019 18:34

Tgt Ion: 92 Resp: 67302
Ion Ratio Lower Upper
92 100
91 171.8 133.0 199.4

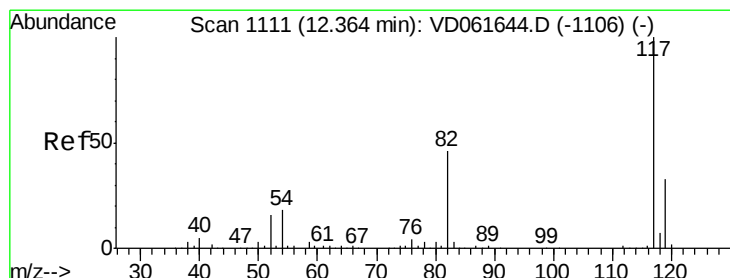
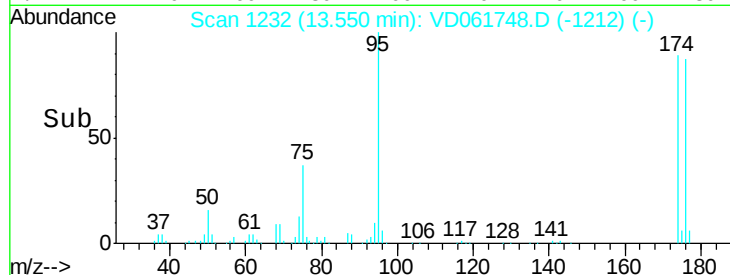
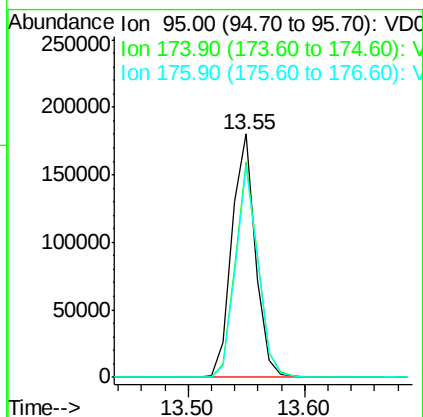
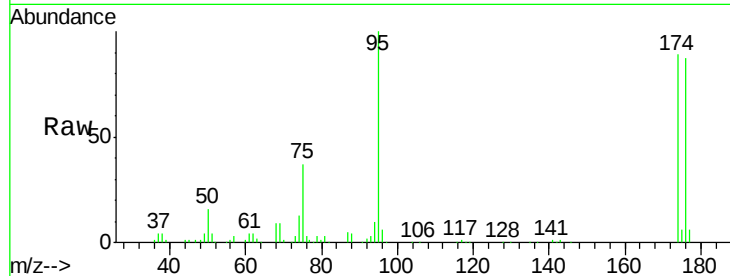




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061748.D
Acq: 11 Apr 2019 18:34

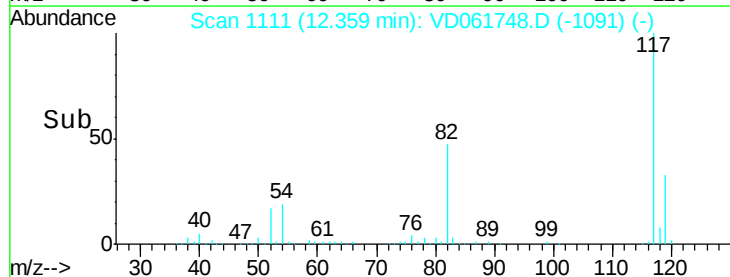
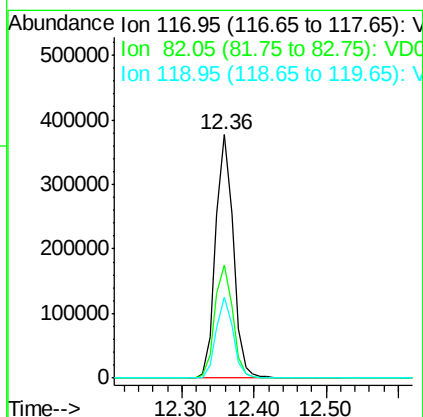
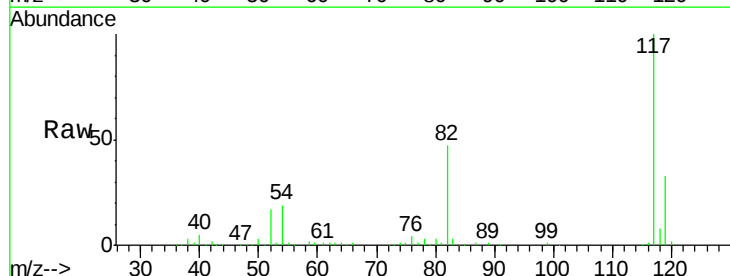
Instrument :
MSVOA_D
ClientSampleId :
TP-9-S2

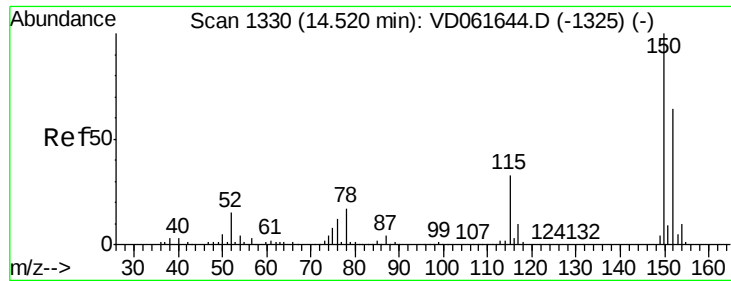
Tot Ion: 95 Resp: 250832
Ion Ratio Lower Upper
95 100
174 88.7 0.0 164.6
176 86.8 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061748.D
Acq: 11 Apr 2019 18:34

Tgt Ion: 117 Resp: 629839
Ion Ratio Lower Upper
117 100
82 46.5 36.8 55.2
119 33.4 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD061748.D

Acq: 11 Apr 2019 18:34

Instrument :

MSVOA_D

ClientSampleId :

TP-9-S2

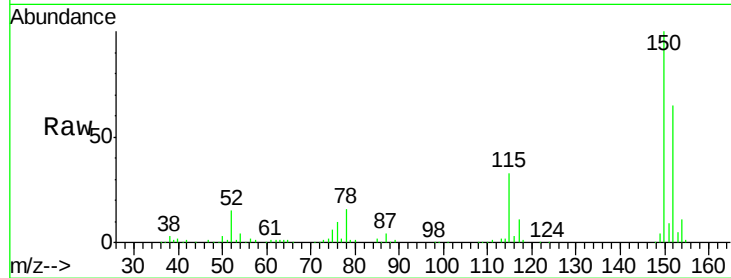
Tot Ion:152 Resp: 234012

Ion Ratio Lower Upper

152 100

115 51.3 26.4 79.2

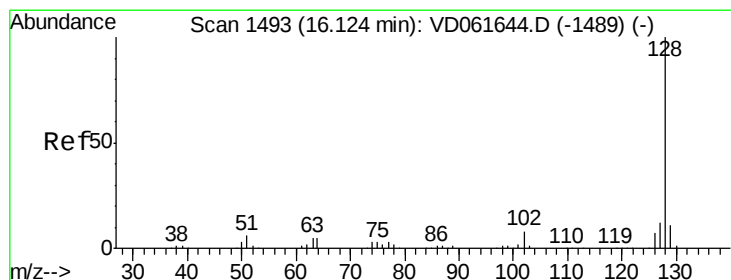
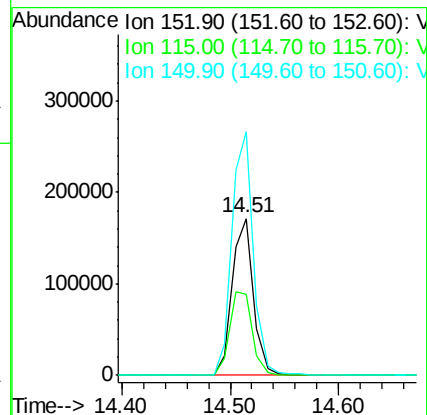
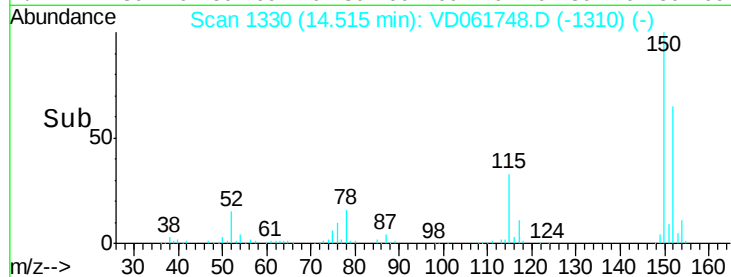
150 154.9 0.0 320.6



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



#95

Naphthalene

Concen: 1.789 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VD061748.D

Acq: 11 Apr 2019 18:34

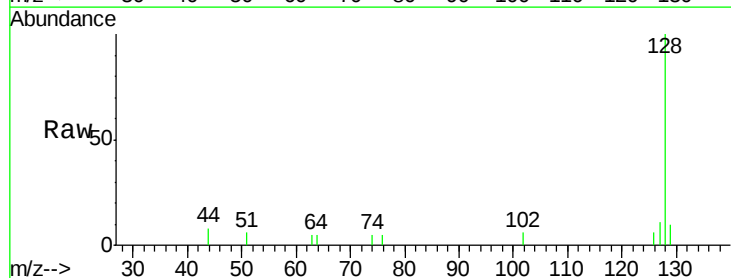
Tgt Ion:128 Resp: 9259

Ion Ratio Lower Upper

128 100

127 11.4 9.4 14.2

129 10.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

