

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041219\
 Data File : VD061785.D
 Acq On : 12 Apr 2019 18:27
 Operator : VA/AP
 Sample : K2355-02
 Misc : 6.21g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9-S2

Quant Time: Apr 12 23:29:37 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

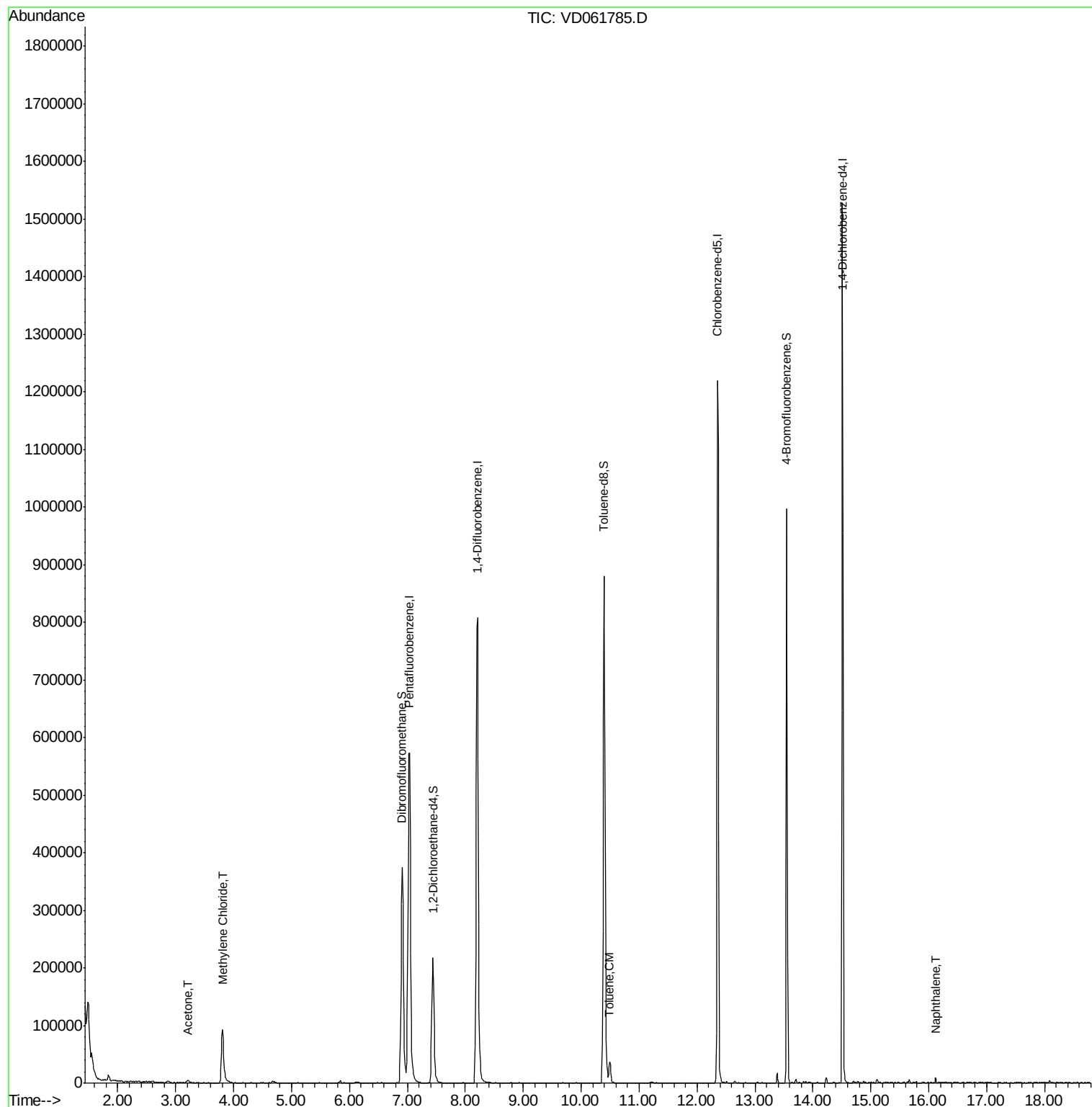
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	602629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	983552	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	773252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	352614	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	221743	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
35) Dibromofluoromethane	6.91	113	342487	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
50) Toluene-d8	10.39	98	787333	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
62) 4-Bromofluorobenzene	13.54	95	314506	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
Target Compounds						
16) Acetone	3.21	43	10368	7.593	ug/l	92
20) Methylene Chloride	3.81	84	70866	9.146	ug/l	94
52) Toluene	10.49	92	20372	1.571	ug/l	100
95) Naphthalene	16.11	128	7973	1.022	ug/l #	95

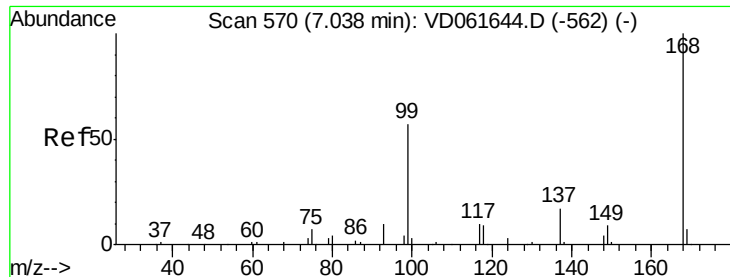
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041219\
Data File : VD061785.D
Acq On : 12 Apr 2019 18:27
Operator : VA/AP
Sample : K2355-02
Misc : 6.21g/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-9-S2

Quant Time: Apr 12 23:29:37 2019
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# 570

Delta R.T. 0.00 min

Lab File: VD061785.D

Acq: 12 Apr 2019 18:27

Instrument :

MSVOA_D

ClientSampleId :

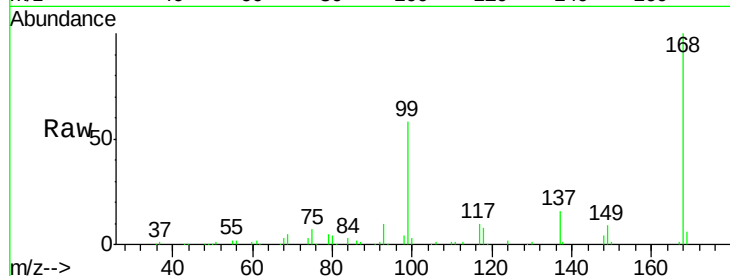
TP-9-S2

Tot Ion:168 Resp: 602629

Ion Ratio Lower Upper

168 100

99 58.0 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

200000

150000

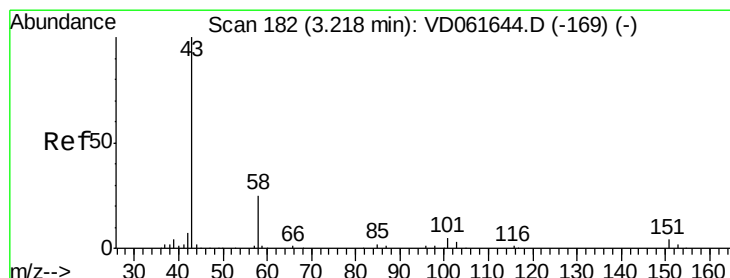
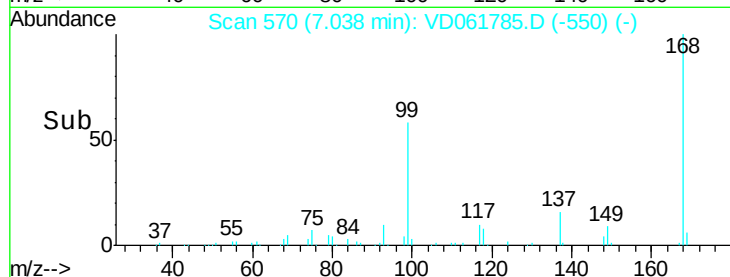
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 7.593 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD061785.D

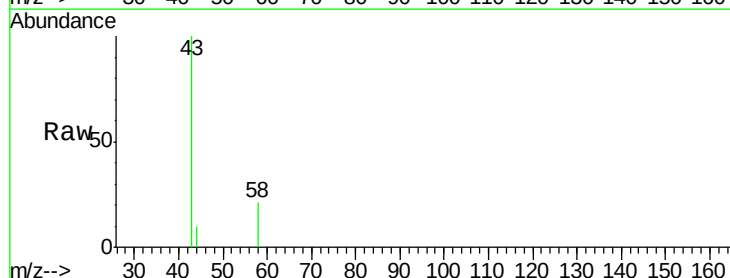
Acq: 12 Apr 2019 18:27

Tgt Ion: 43 Resp: 10368

Ion Ratio Lower Upper

43 100

58 20.7 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

4000

3000

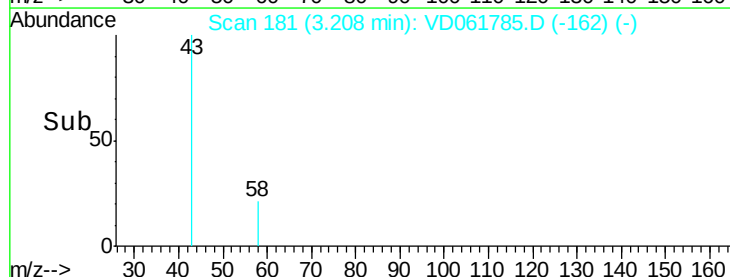
2000

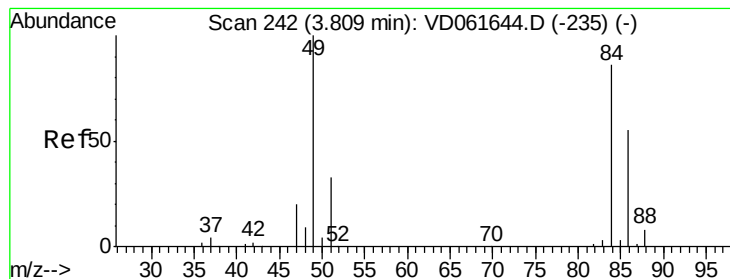
1000

0

3.10 3.15 3.20 3.25 3.30

Time-->





#20

Methylene Chloride

Concen: 9.146 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.00 min

Lab File: VD061785.D

Acq: 12 Apr 2019 18:27

Instrument :

MSVOA_D

ClientSampleId :

TP-9-S2

Tot Ion: 84 Resp: 70866

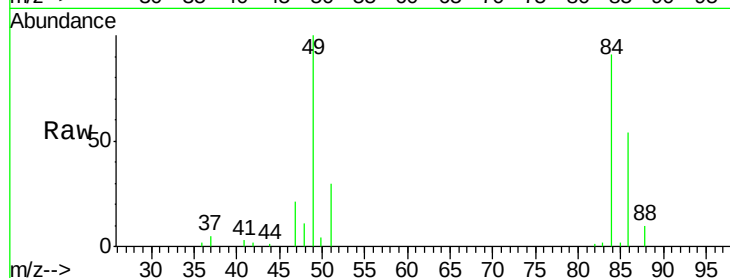
Ion Ratio Lower Upper

84 100

49 110.4 93.0 139.4

51 33.5 30.4 45.6

86 59.7 51.0 76.4

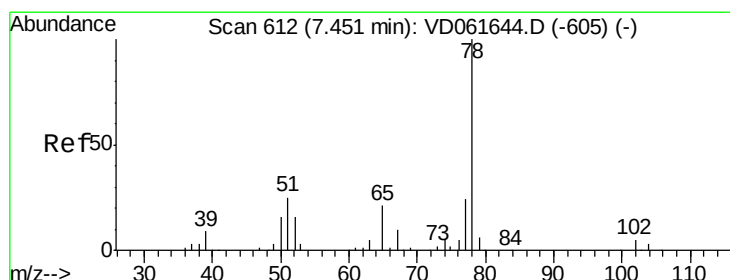
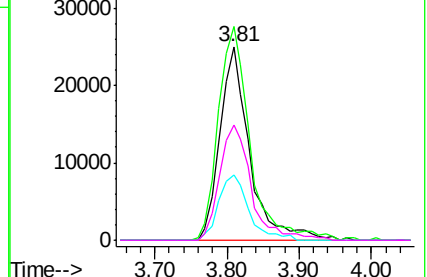
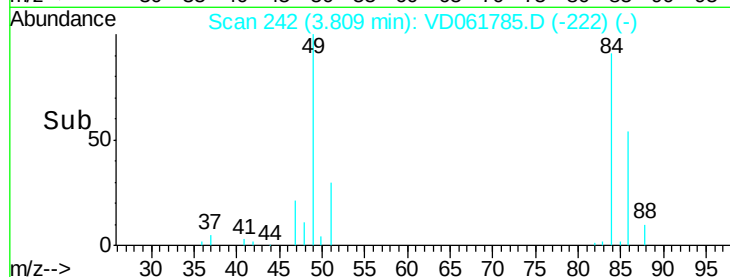


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061785.D

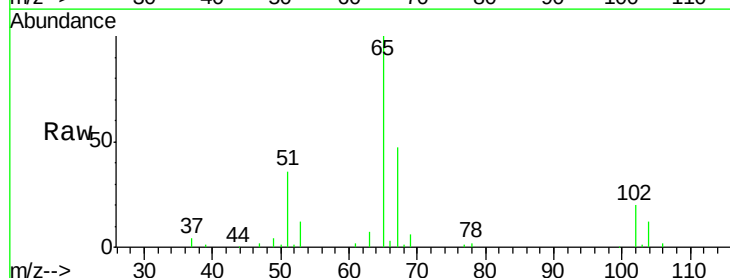
Acq: 12 Apr 2019 18:27

Tgt Ion: 65 Resp: 221743

Ion Ratio Lower Upper

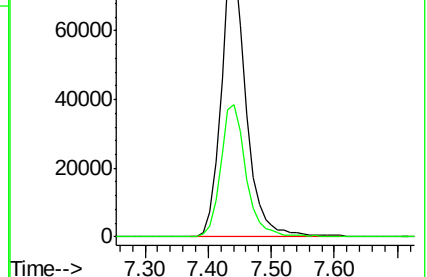
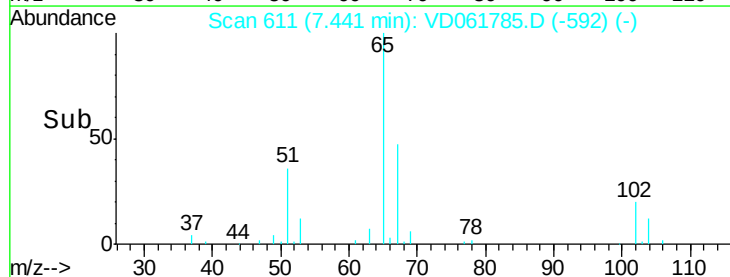
65 100

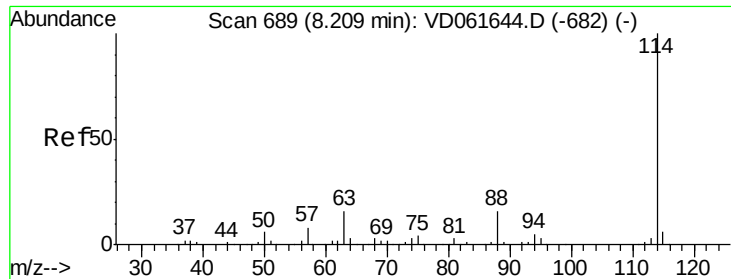
67 46.8 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

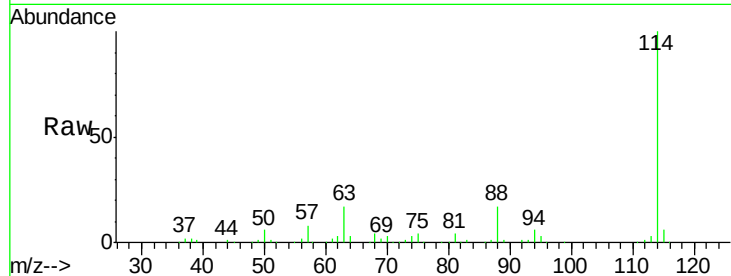




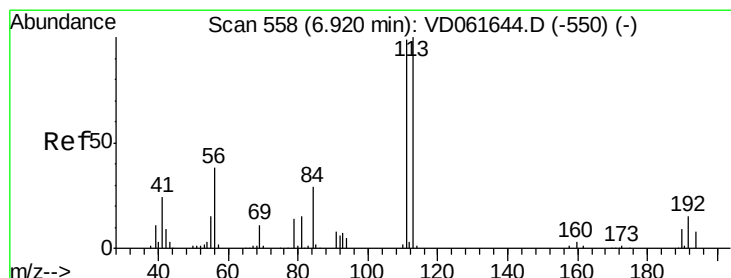
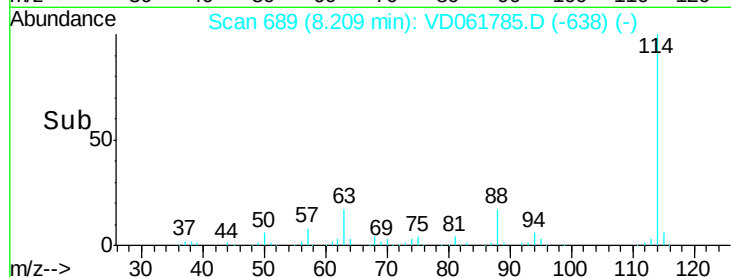
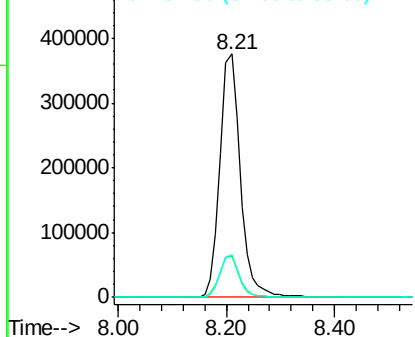
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD061785.D
 Acq: 12 Apr 2019 18:27

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9-S2

Tot Ion:114 Resp: 983552
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 31.2
 88 17.3 0.0 31.8

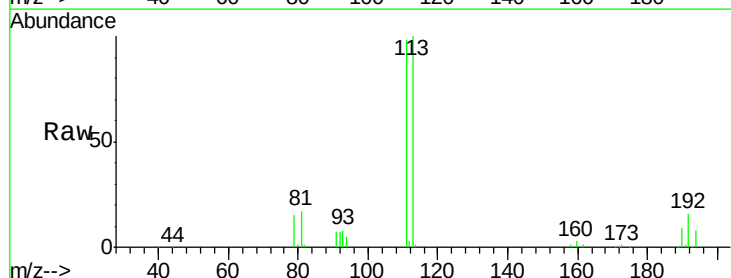


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

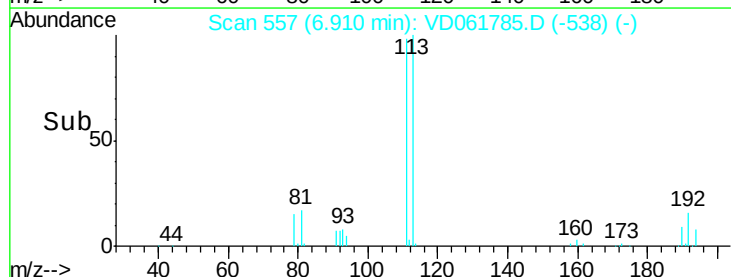
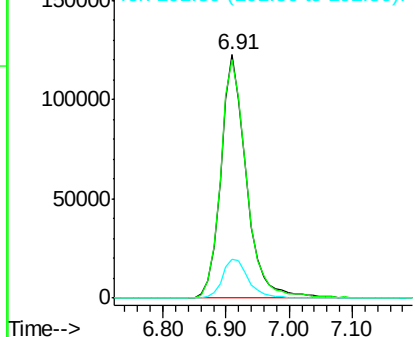


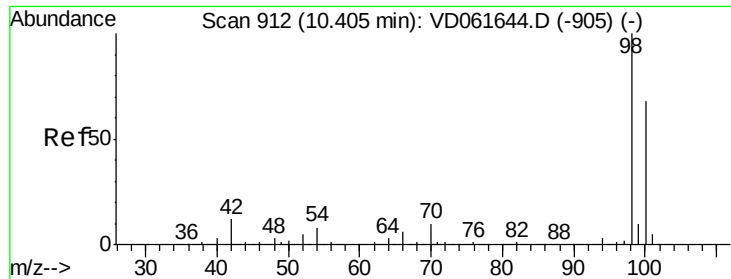
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: VD061785.D
 Acq: 12 Apr 2019 18:27

Tgt Ion:113 Resp: 342487
 Ion Ratio Lower Upper
 113 100
 111 98.1 79.3 118.9
 192 15.9 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

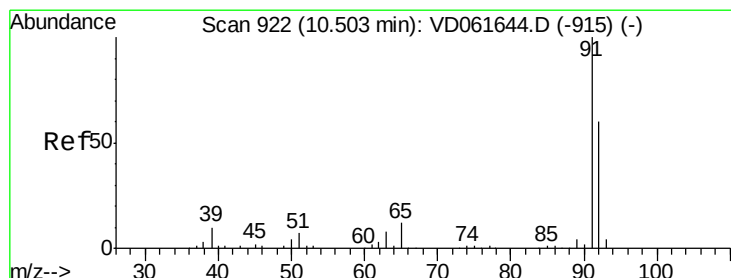
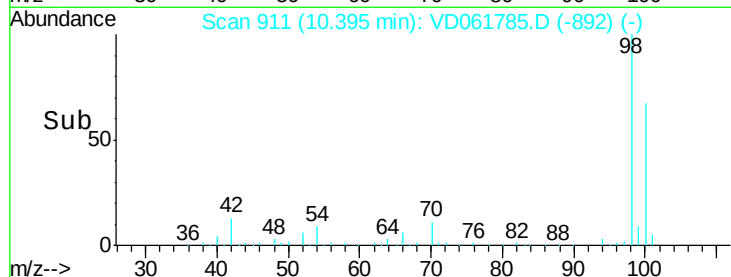
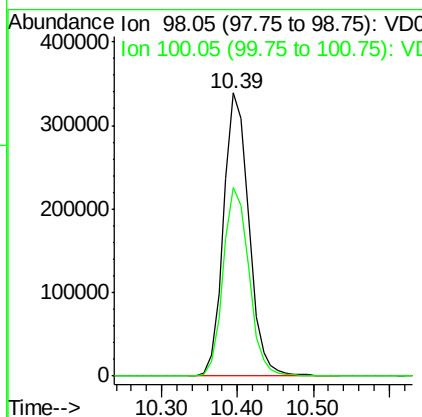
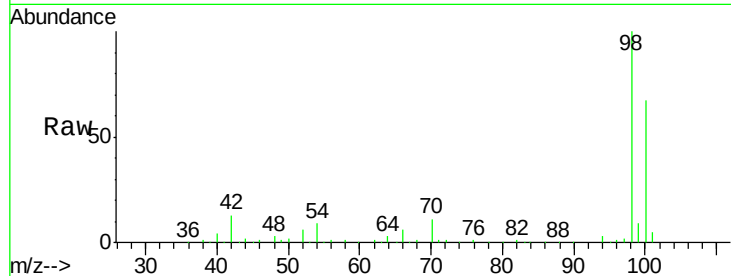




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD061785.D
Acq: 12 Apr 2019 18:27

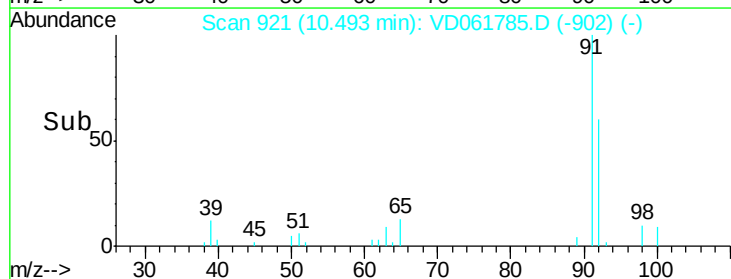
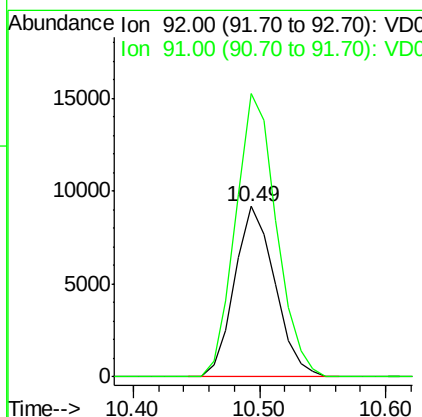
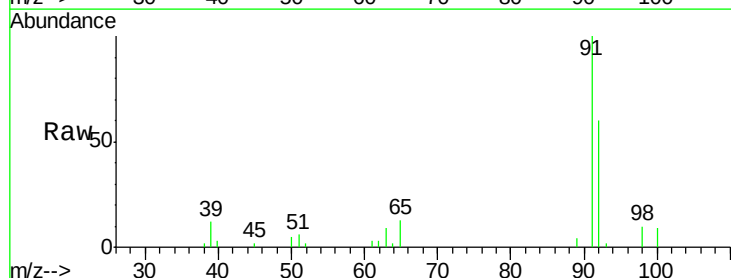
Instrument :
MSVOA_D
ClientSampleId :
TP-9-S2

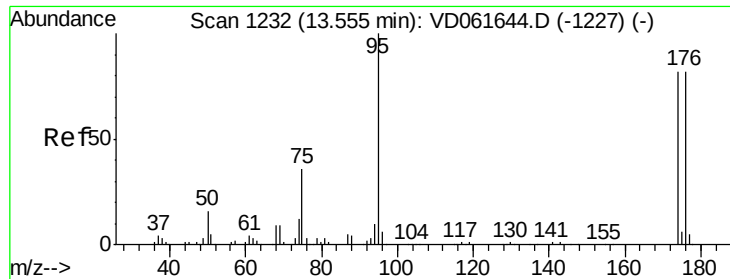
Tot Ion: 98 Resp: 787333
Ion Ratio Lower Upper
98 100
100 66.6 55.4 83.0



#52
Toluene
Concen: 1.571 ug/l
RT: 10.49 min Scan# 921
Delta R.T. -0.01 min
Lab File: VD061785.D
Acq: 12 Apr 2019 18:27

Tgt Ion: 92 Resp: 20372
Ion Ratio Lower Upper
92 100
91 166.4 133.0 199.4





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061785.D

Acq: 12 Apr 2019 18:27

Instrument :

MSVOA_D

ClientSampleId :

TP-9-S2

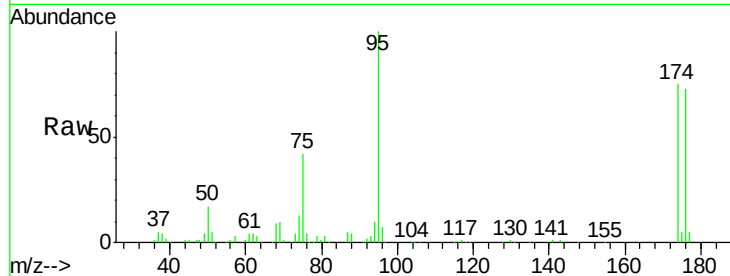
Tot Ion: 95 Resp: 314506

Ion Ratio Lower Upper

95 100

174 74.8 0.0 164.6

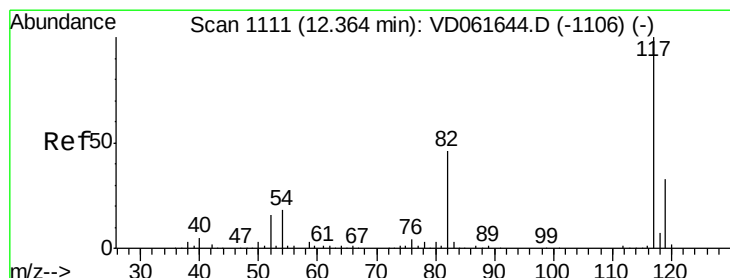
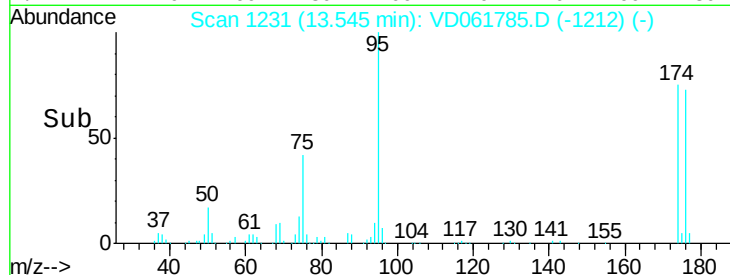
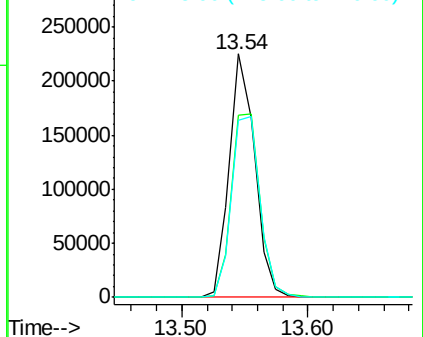
176 72.9 0.0 165.0



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: 12.35 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD061785.D

Acq: 12 Apr 2019 18:27

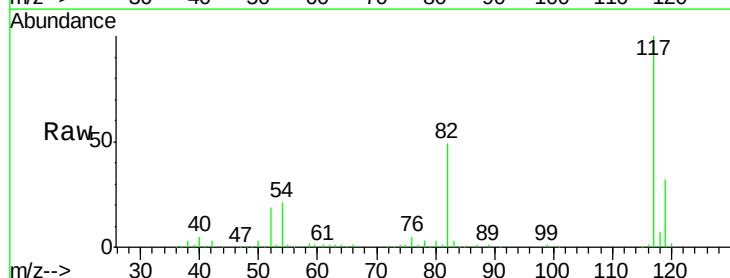
Tgt Ion: 117 Resp: 773252

Ion Ratio Lower Upper

117 100

82 49.4 36.8 55.2

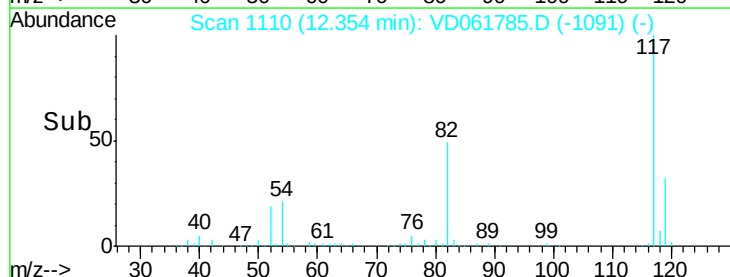
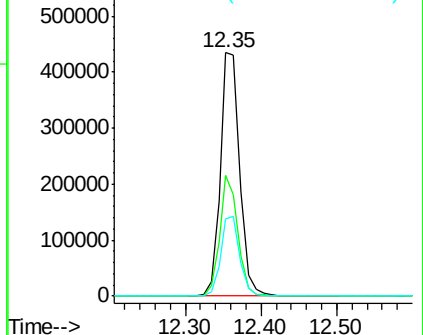
119 31.9 26.1 39.1

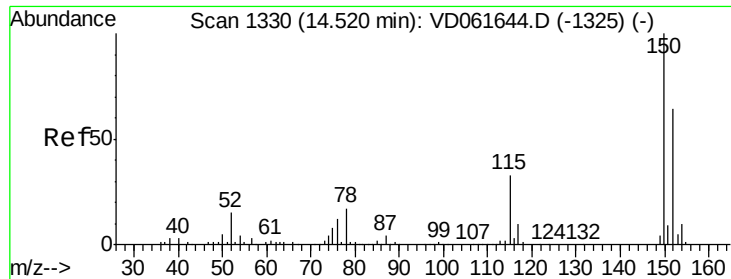


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



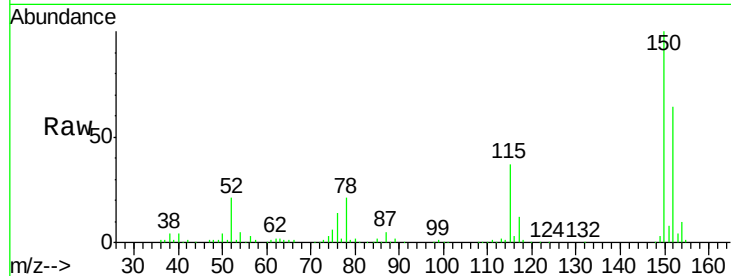


#72

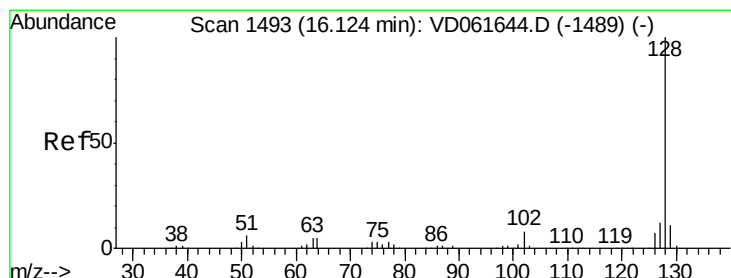
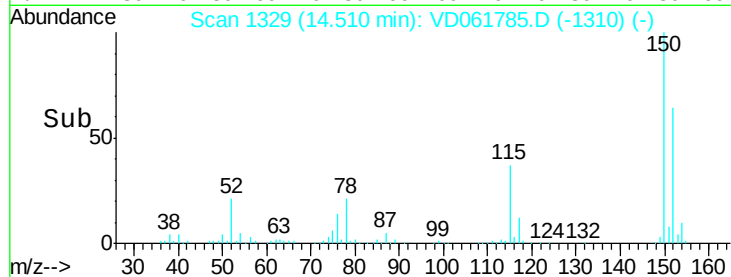
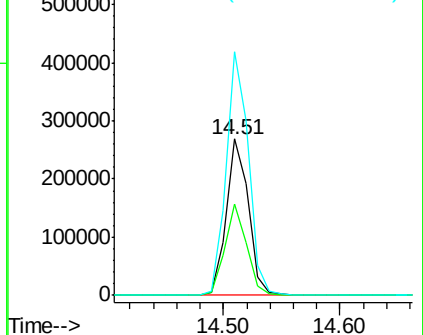
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061785.D
Acq: 12 Apr 2019 18:27

Instrument :
MSVOA_D
ClientSampleId :
TP-9-S2

Tot Ion:152 Resp: 352614
Ion Ratio Lower Upper
152 100
115 58.3 26.4 79.2
150 156.0 0.0 320.6



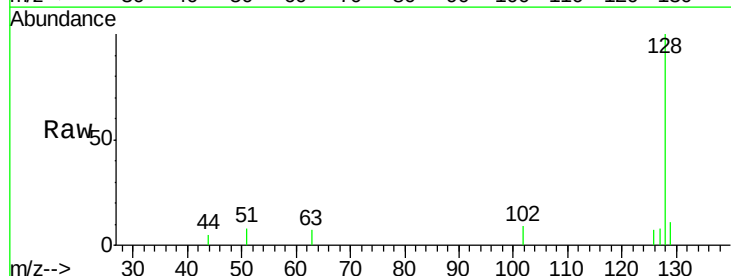
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 1.022 ug/l
RT: 16.11 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VD061785.D
Acq: 12 Apr 2019 18:27

Tgt Ion:128 Resp: 7973
Ion Ratio Lower Upper
128 100
127 8.2 9.4 14.2#
129 11.0 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

