

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
 Data File : VD060580.D
 Acq On : 14 Dec 2018 18:26
 Operator : VA/AP
 Sample : J6403-37
 Misc : 4.89g/5ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5-B

Quant Time: Dec 14 23:10:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

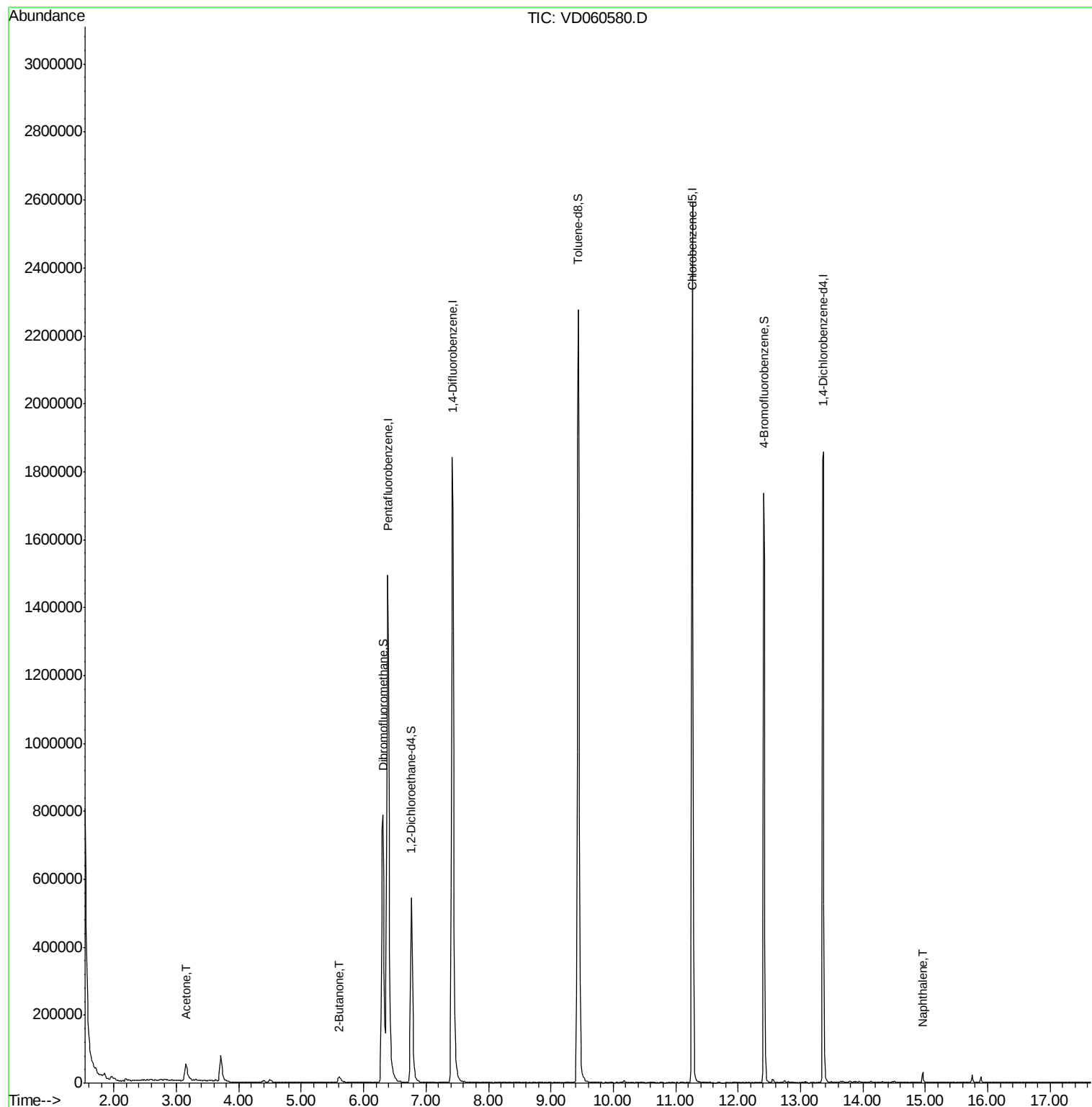
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1497528	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	1974561	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1344902	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.36	152	488367	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	464750	43.78	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	87.56%	
35) Dibromofluoromethane	6.31	113	647288	44.63	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	89.26%	
50) Toluene-d8	9.44	98	1840403	43.85	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	87.70%	
62) 4-Bromofluorobenzene	12.41	95	513420	34.19	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	68.38%	
Target Compounds						
16) Acetone	3.15	43	110772	65.106	ug/l	95
25) 2-Butanone	5.60	43	24860	7.427	ug/l #	87
95) Naphthalene	14.96	128	19742	1.579	ug/l	96

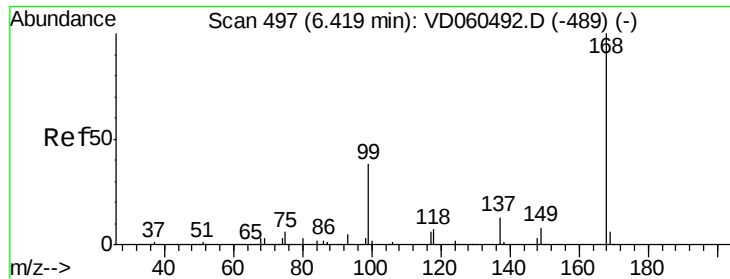
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.03 min

Lab File: VD060580.D

Acq: 14 Dec 2018 18:26

Instrument :

MSVOA_D

ClientSampleId :

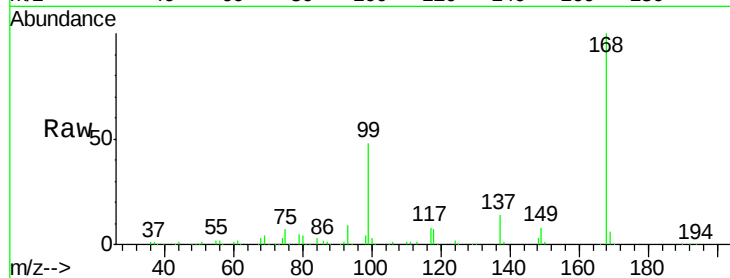
TP-5-B

Tgt Ion:168 Resp: 1497528

Ion Ratio Lower Upper

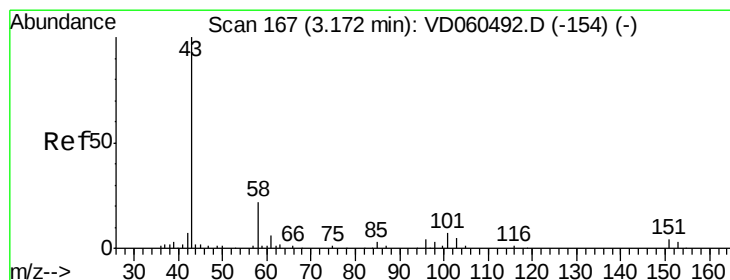
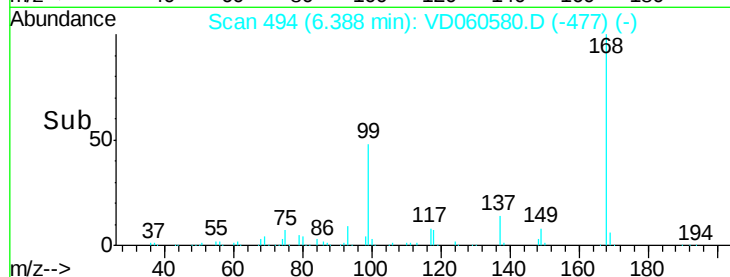
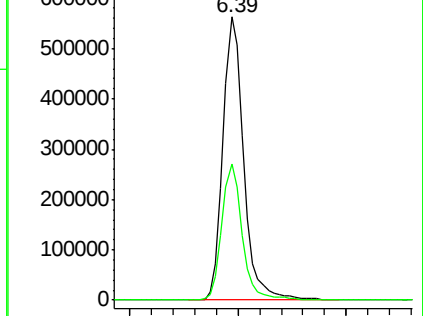
168 100

99 48.2 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 65.106 ug/l

RT: 3.15 min Scan# 165

Delta R.T. -0.02 min

Lab File: VD060580.D

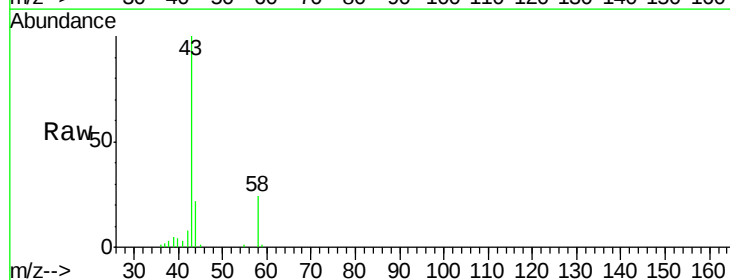
Acq: 14 Dec 2018 18:26

Tgt Ion: 43 Resp: 110772

Ion Ratio Lower Upper

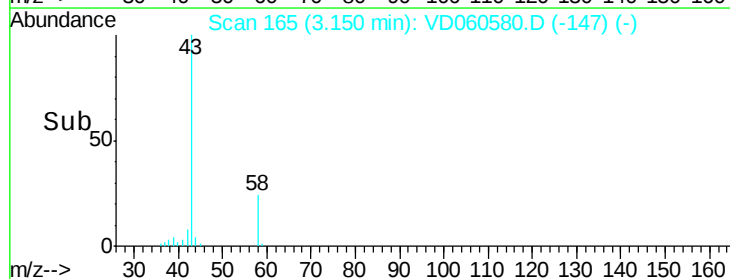
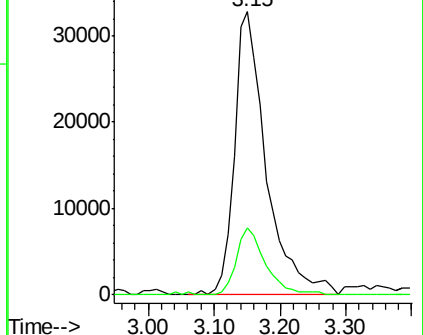
43 100

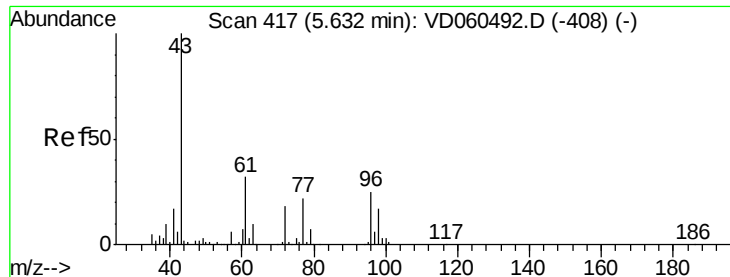
58 23.8 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 7.427 ug/l

RT: 5.60 min Scan# 414

Delta R.T. -0.03 min

Lab File: VD060580.D

Acq: 14 Dec 2018 18:26

Instrument :

MSVOA_D

ClientSampleId :

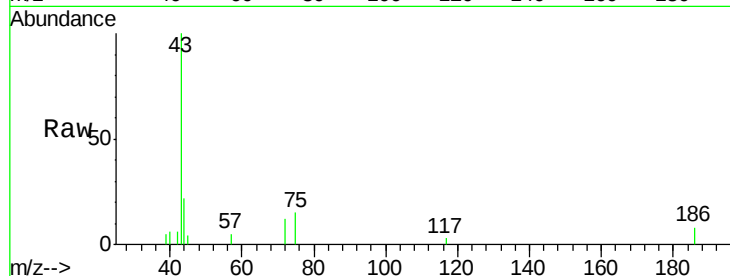
TP-5-B

Tgt Ion: 43 Resp: 24860

Ion Ratio Lower Upper

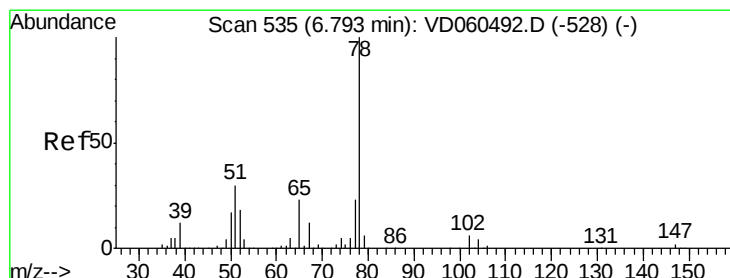
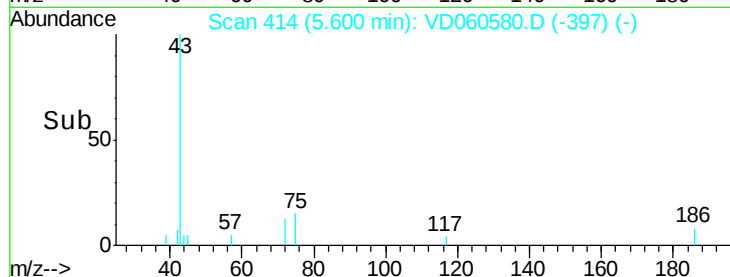
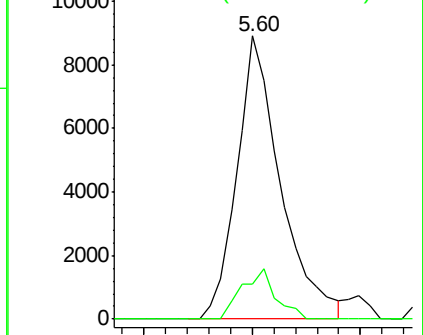
43 100

72 12.3 14.6 21.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.76 min Scan# 532

Delta R.T. -0.03 min

Lab File: VD060580.D

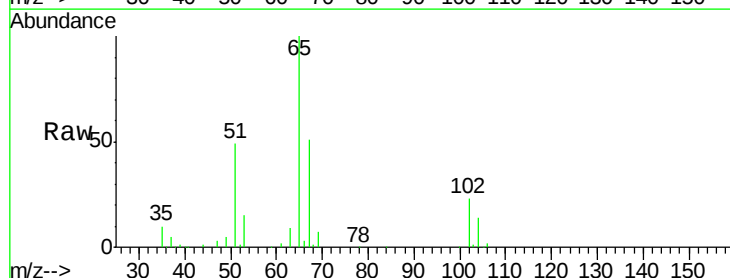
Acq: 14 Dec 2018 18:26

Tgt Ion: 65 Resp: 464750

Ion Ratio Lower Upper

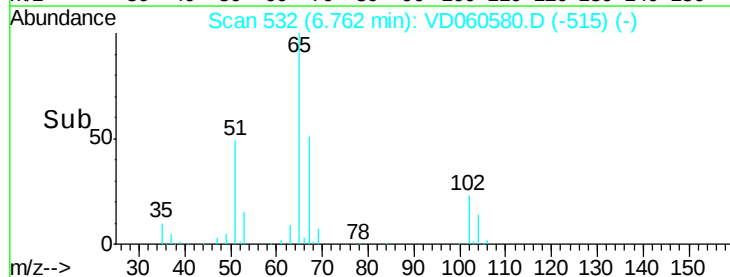
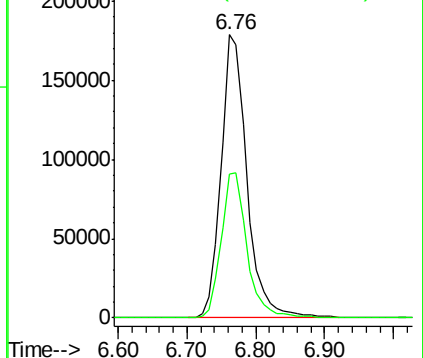
65 100

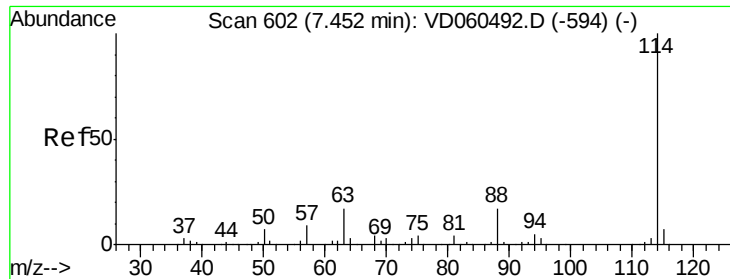
67 50.9 0.0 106.8



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: 7.42 min Scan# 599

Delta R.T. -0.03 min

Lab File: VD060580.D

Acq: 14 Dec 2018 18:26

Instrument :

MSVOA_D

ClientSampleId :

TP-5-B

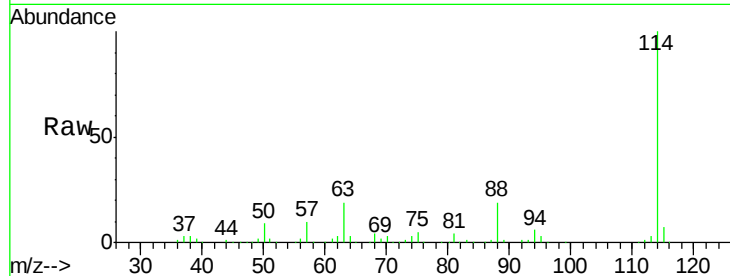
Tgt Ion:114 Resp: 1974561

Ion Ratio Lower Upper

114 100

63 19.3 0.0 34.2

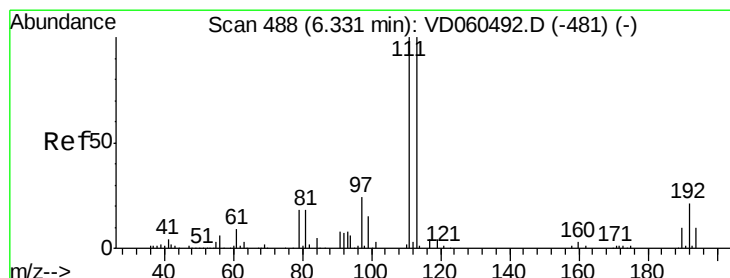
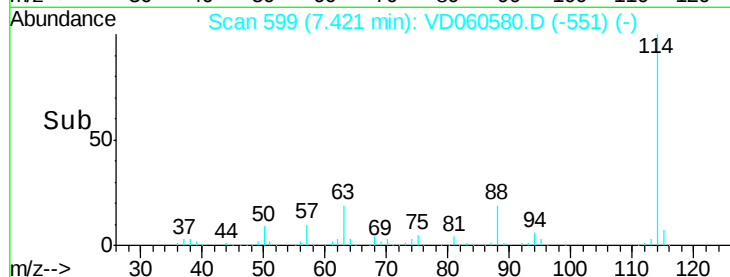
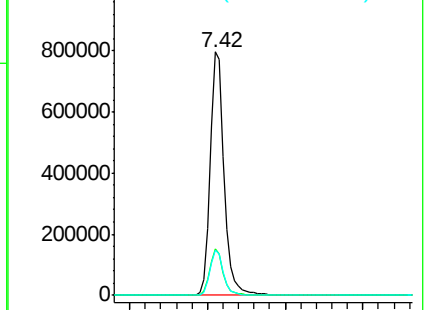
88 18.7 0.0 35.0



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: 6.31 min Scan# 486

Delta R.T. -0.02 min

Lab File: VD060580.D

Acq: 14 Dec 2018 18:26

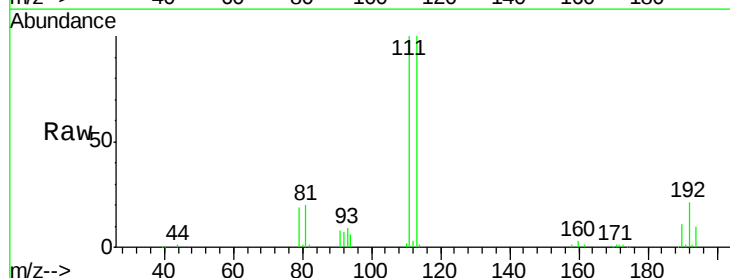
Tgt Ion:113 Resp: 647288

Ion Ratio Lower Upper

113 100

111 100.5 80.2 120.4

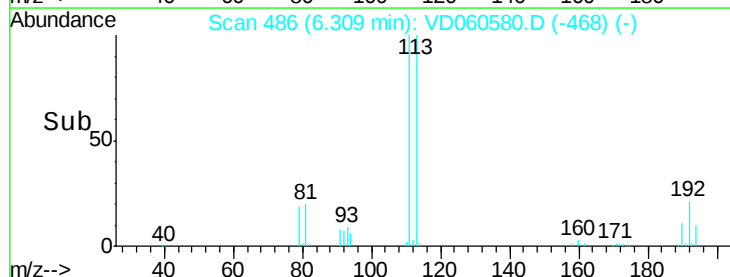
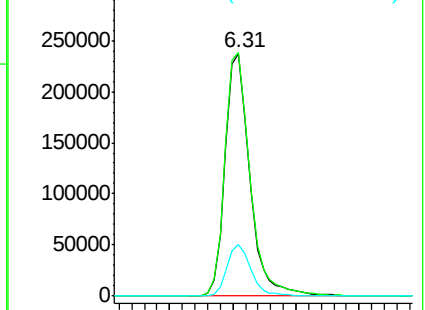
192 21.2 16.6 24.8

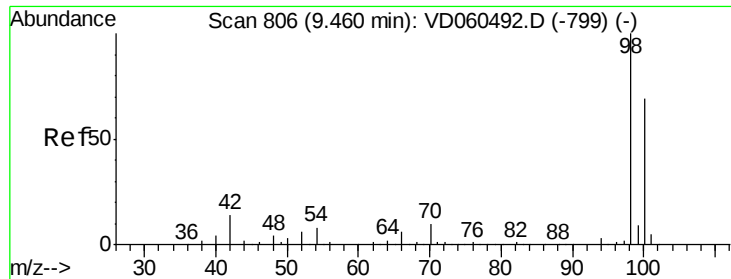


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

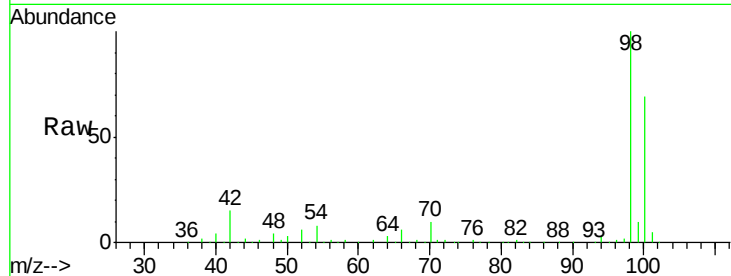




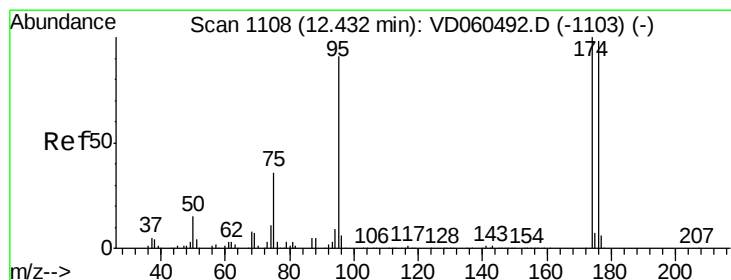
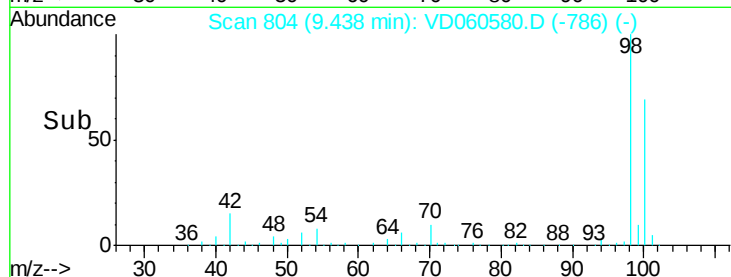
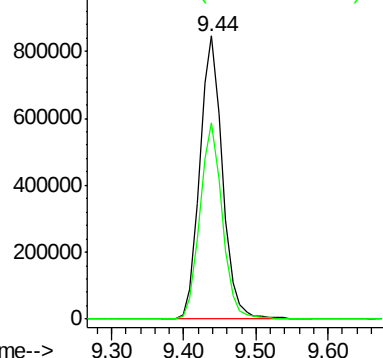
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 804
Delta R.T. -0.02 min
Lab File: VD060580.D
Acq: 14 Dec 2018 18:26

Instrument :
MSVOA_D
ClientSampleId :
TP-5-B

Tgt Ion: 98 Resp: 1840403
Ion Ratio Lower Upper
98 100
100 69.4 55.7 83.5

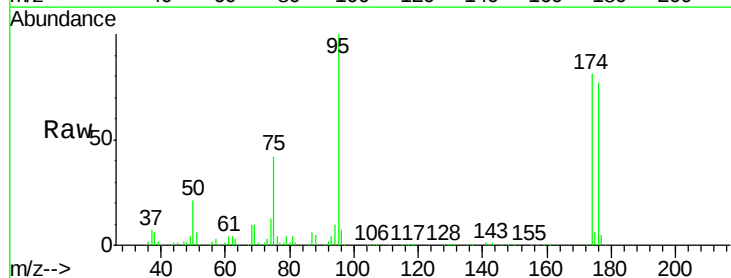


Abundance Ion 98.05 (97.75 to 98.75): VD060492.D (-799) (-)
Ion 100.05 (99.75 to 100.75): VD060492.D (-799) (-)

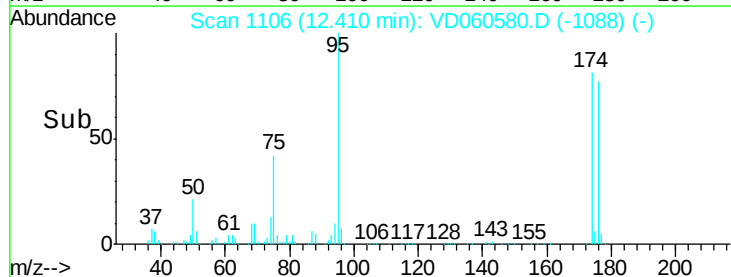
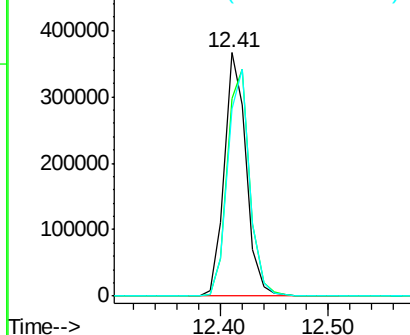


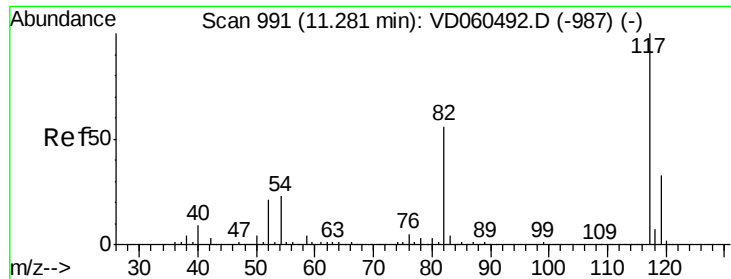
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1106
Delta R.T. -0.02 min
Lab File: VD060580.D
Acq: 14 Dec 2018 18:26

Tgt Ion: 95 Resp: 513420
Ion Ratio Lower Upper
95 100
174 80.9 0.0 219.4
176 77.1 0.0 214.6



Abundance Ion 95.00 (94.70 to 95.70): VD060492.D (-1103) (-)
Ion 173.90 (173.60 to 174.60): VD060492.D (-1103) (-)
Ion 175.90 (175.60 to 176.60): VD060492.D (-1103) (-)

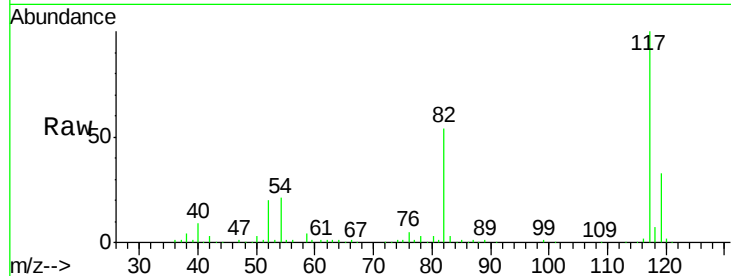




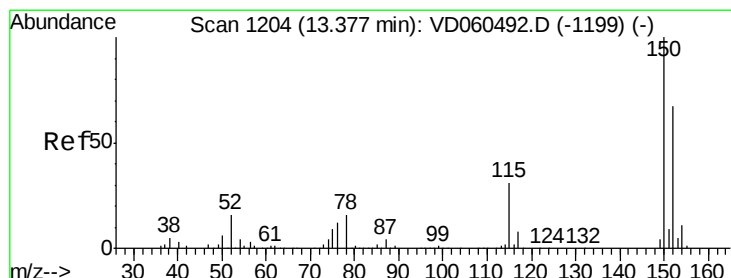
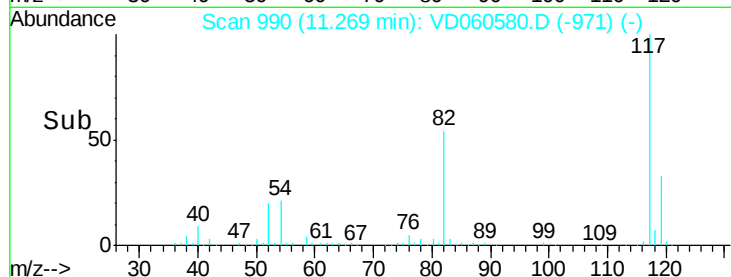
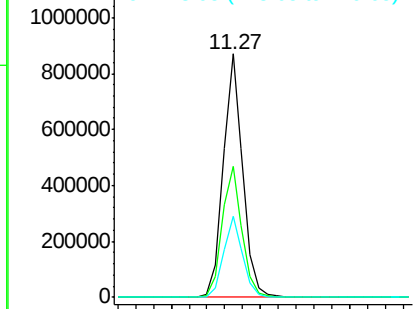
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.01 min
Lab File: VD060580.D
Acq: 14 Dec 2018 18:26

Instrument :
MSVOA_D
ClientSampleId :
TP-5-B

Tgt Ion:117 Resp: 1344902
Ion Ratio Lower Upper
117 100
82 53.8 45.2 67.8
119 33.1 26.1 39.1

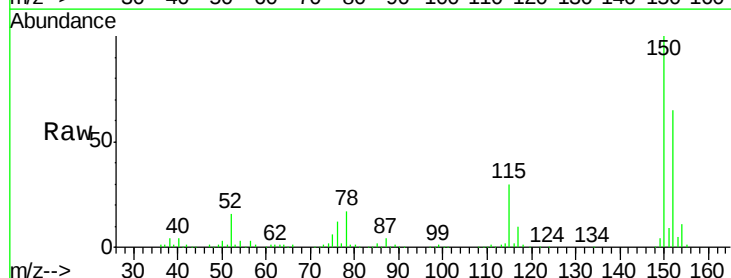


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

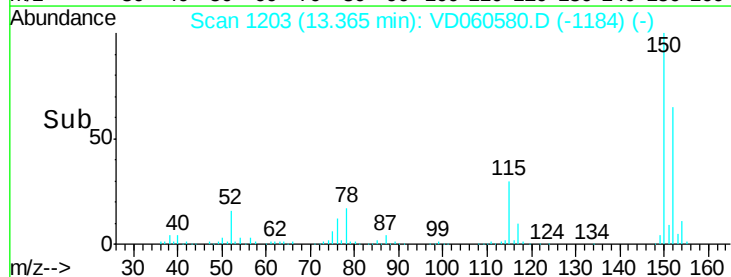
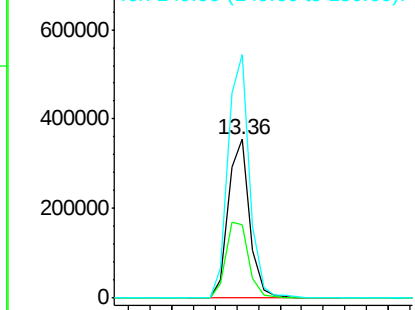


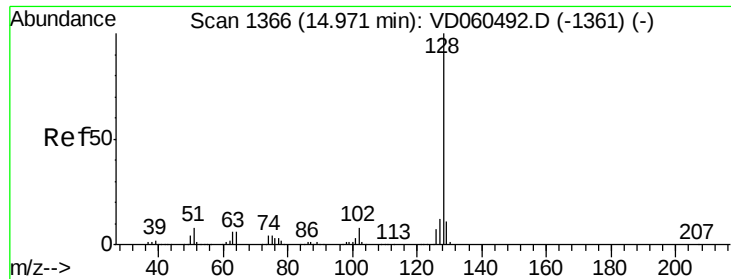
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VD060580.D
Acq: 14 Dec 2018 18:26

Tgt Ion:152 Resp: 488367
Ion Ratio Lower Upper
152 100
115 46.2 24.6 74.0
150 153.4 0.0 309.0



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

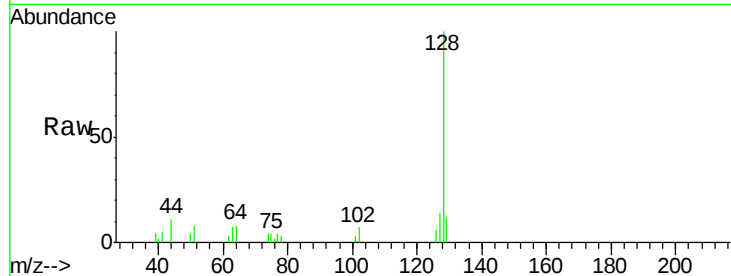




#95
Naphthalene
Concen: 1.579 ug/l
RT: 14.96 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VD060580.D
Acq: 14 Dec 2018 18:26

Instrument :
MSVOA_D
ClientSampleId :
TP-5-B

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.4	9.8	14.8
129	11.8	8.6	13.0



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

