

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
 Data File : VD060578.D
 Acq On : 14 Dec 2018 17:30
 Operator : VA/AP
 Sample : J6403-29
 Misc : 5.25g/5ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4-B

Quant Time: Dec 14 23:07:15 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

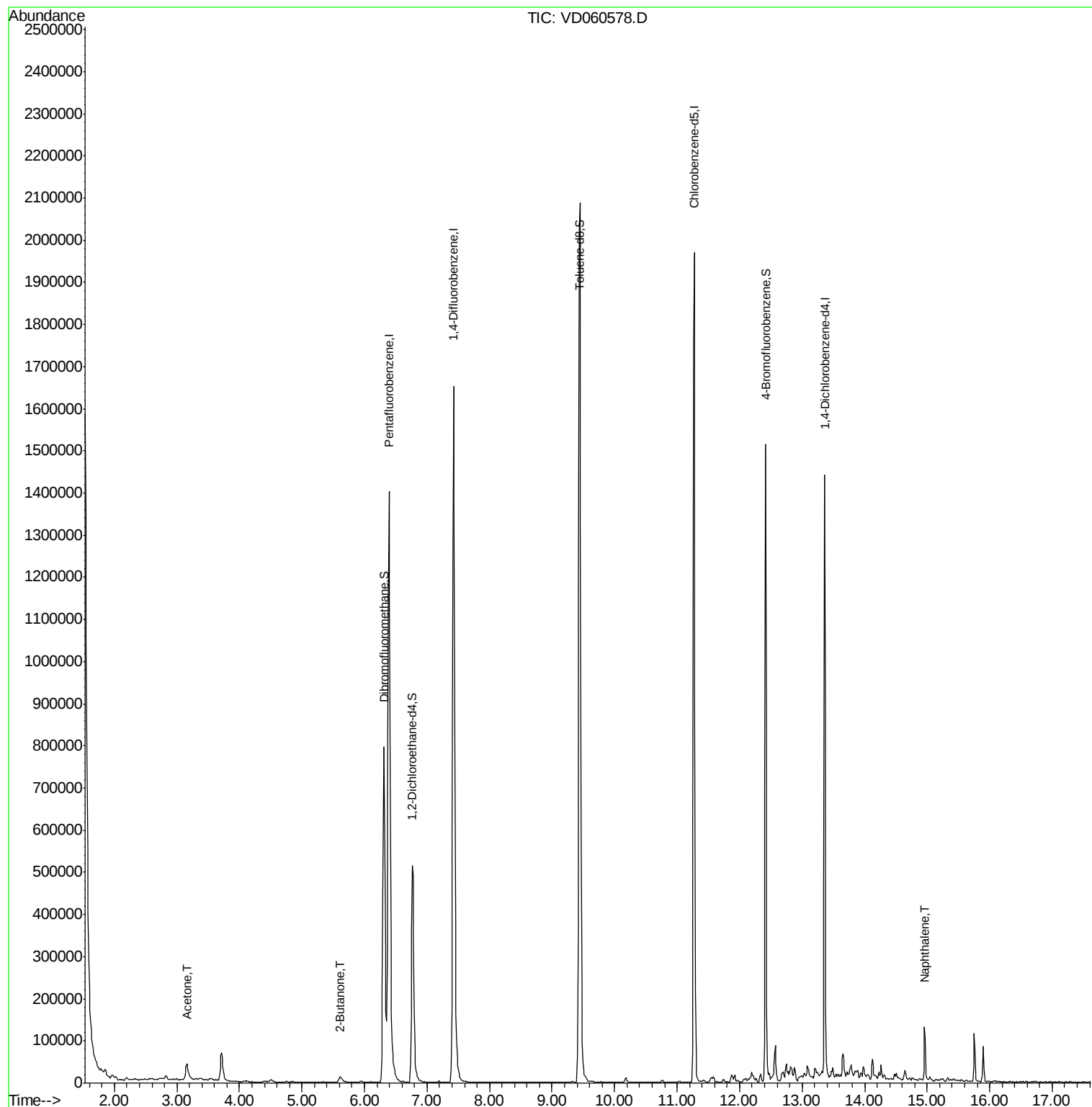
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1401000	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.43	114	1770654	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1117485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	313350	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	450166	45.33	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	90.66%	
35) Dibromofluoromethane	6.31	113	652671	50.18	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	9.44	98	1758731	46.73	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.46%	
62) 4-Bromofluorobenzene	12.41	95	401962	29.85	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	59.70%	
Target Compounds						
16) Acetone	3.15	43	87959	55.260	ug/l	Qvalue 97
25) 2-Butanone	5.61	43	25613	8.179	ug/l #	91
95) Naphthalene	14.95	128	84937	10.590	ug/l	98

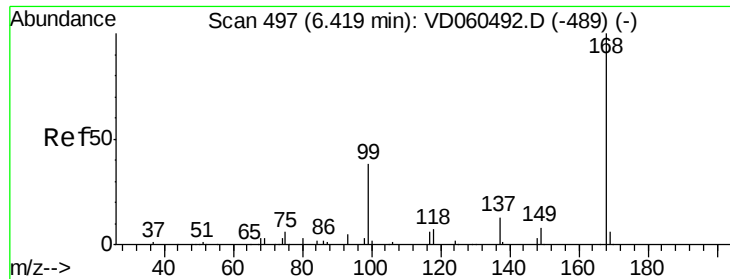
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 495

Delta R.T. -0.03 min

Lab File: VD060578.D

Acq: 14 Dec 2018 17:30

Instrument :

MSVOA_D

ClientSampleId :

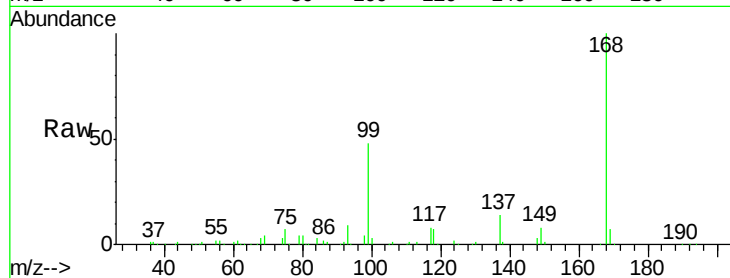
TP-4-B

Tgt Ion:168 Resp: 1401000

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

6.39

500000

400000

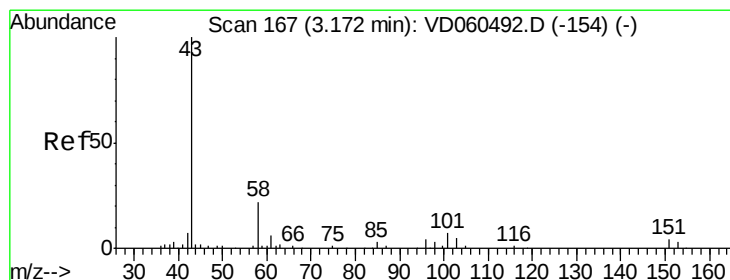
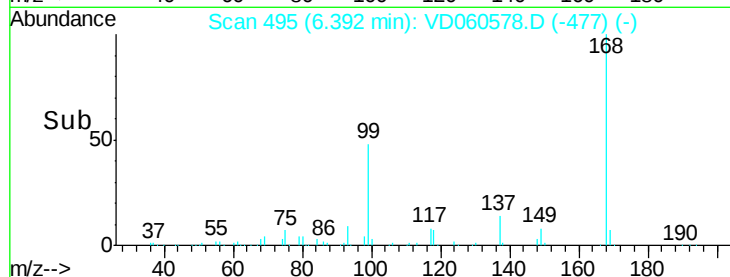
300000

200000

100000

0

Time--> 6.20 6.30 6.40 6.50 6.60



#16

Acetone

Concen: 55.260 ug/l

RT: 3.15 min Scan# 166

Delta R.T. -0.02 min

Lab File: VD060578.D

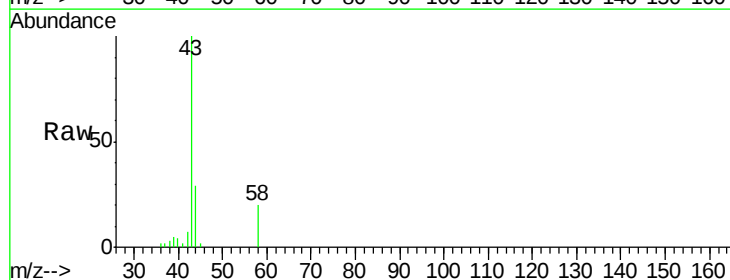
Acq: 14 Dec 2018 17:30

Tgt Ion: 43 Resp: 87959

Ion Ratio Lower Upper

43 100

58 20.0 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.15

30000

25000

20000

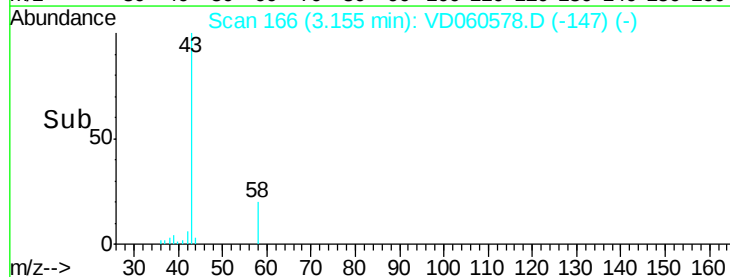
15000

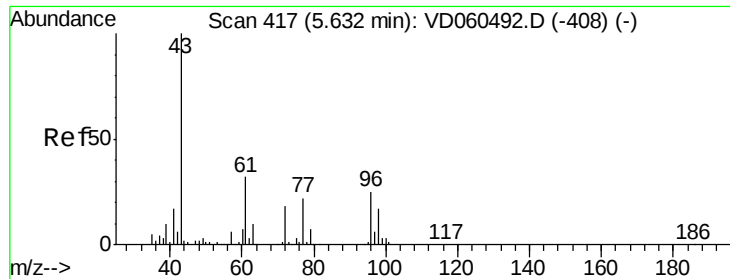
10000

5000

0

Time--> 3.00 3.10 3.20 3.30 3.40





#25

2-Butanone

Concen: 8.179 ug/l

RT: 5.61 min Scan# 415

Delta R.T. -0.03 min

Lab File: VD060578.D

Acq: 14 Dec 2018 17:30

Instrument :

MSVOA_D

ClientSampleId :

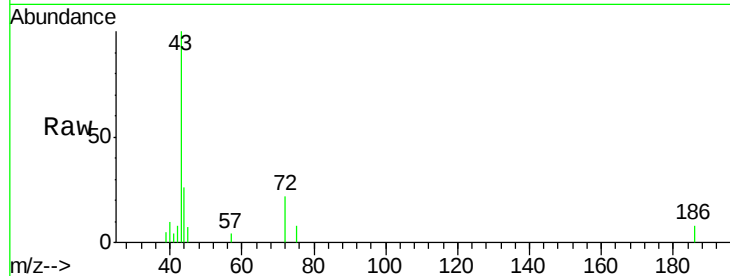
TP-4-B

Tgt Ion: 43 Resp: 25613

Ion Ratio Lower Upper

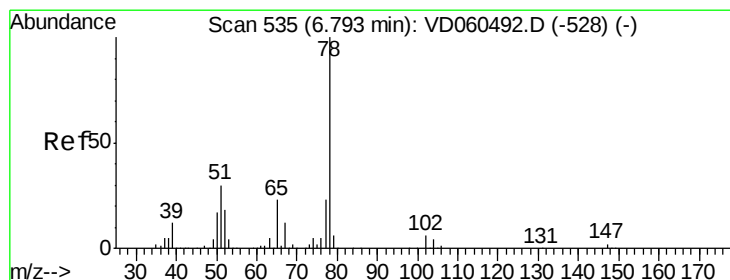
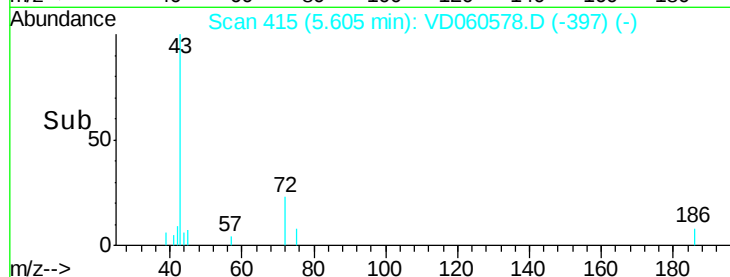
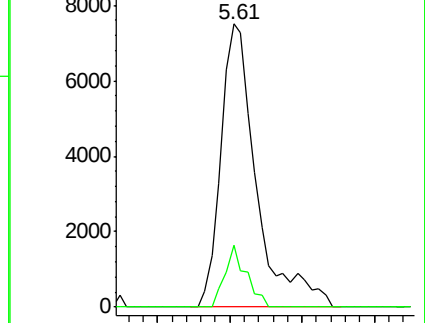
43 100

72 22.0 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: Below ug/l

RT: 6.77 min Scan# 533

Delta R.T. -0.03 min

Lab File: VD060578.D

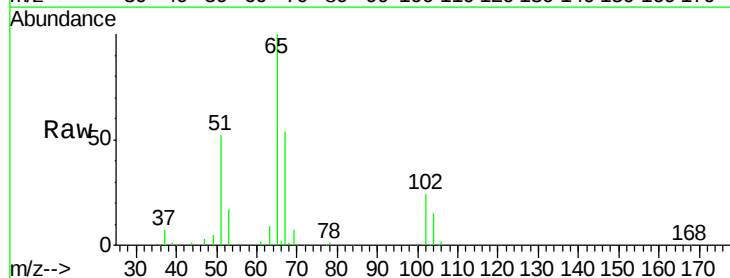
Acq: 14 Dec 2018 17:30

Tgt Ion: 65 Resp: 450166

Ion Ratio Lower Upper

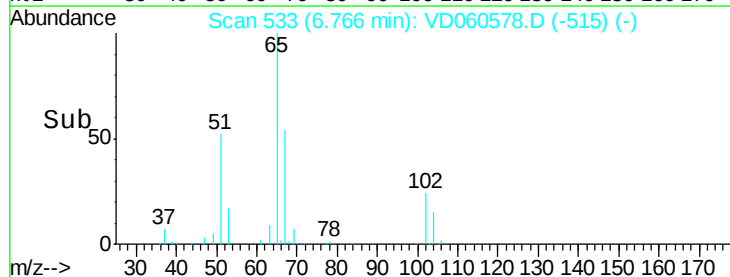
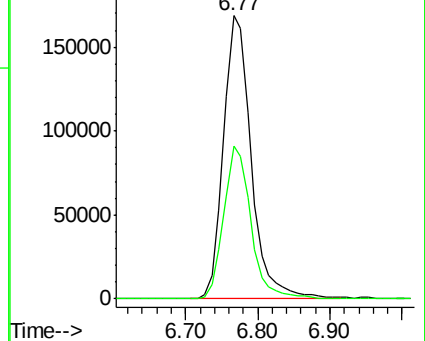
65 100

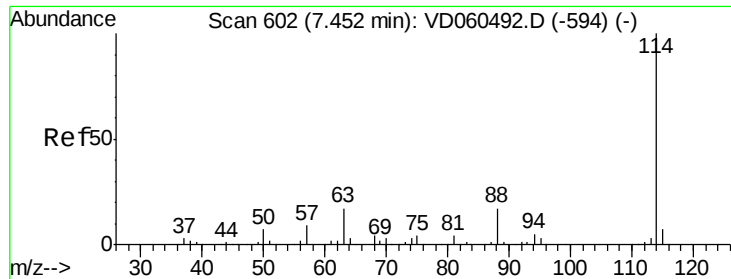
67 54.2 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

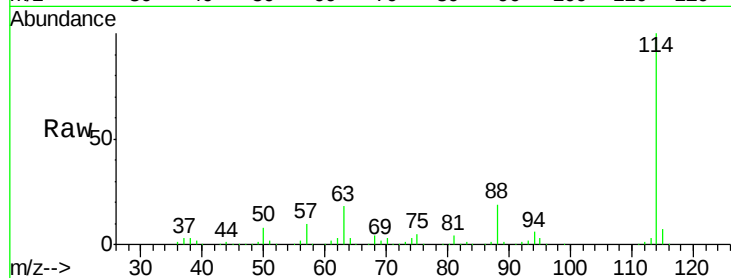




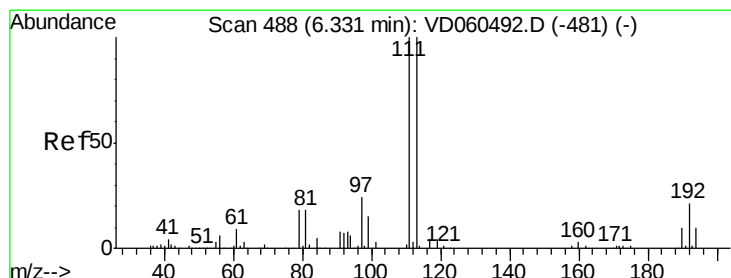
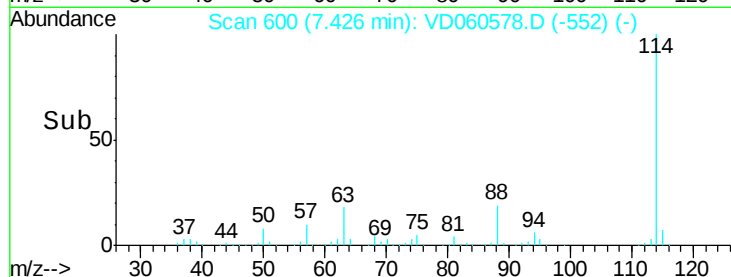
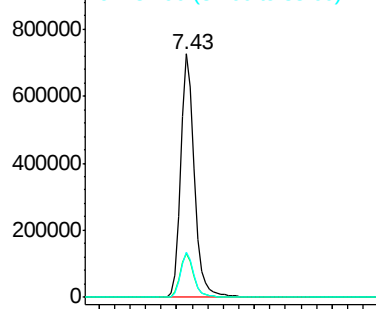
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.43 min Scan# 600
Delta R.T. -0.03 min
Lab File: VD060578.D
Acq: 14 Dec 2018 17:30

Instrument :
MSVOA_D
ClientSampleId :
TP-4-B

Tgt Ion:114 Resp: 1770654
Ion Ratio Lower Upper
114 100
63 18.3 0.0 34.2
88 18.7 0.0 35.0

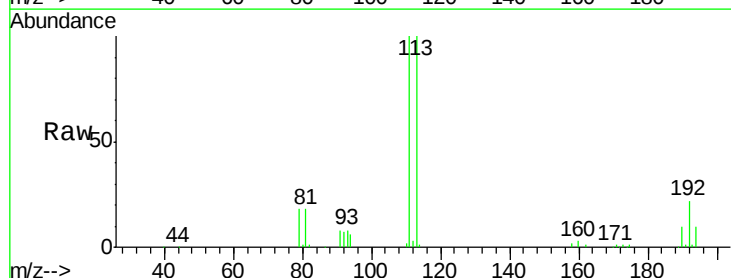


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

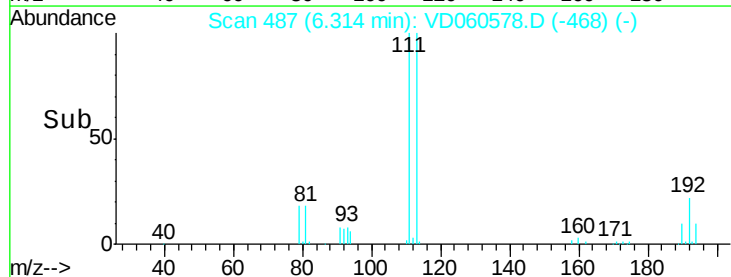
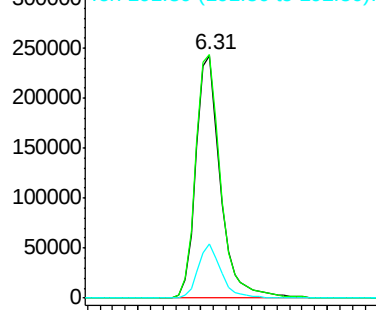


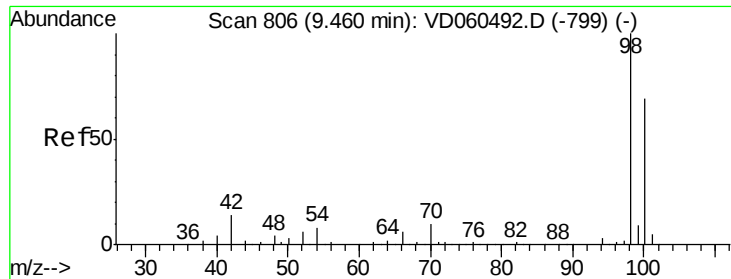
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.31 min Scan# 487
Delta R.T. -0.02 min
Lab File: VD060578.D
Acq: 14 Dec 2018 17:30

Tgt Ion:113 Resp: 652671
Ion Ratio Lower Upper
113 100
111 100.5 80.2 120.4
192 22.4 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# 805

Delta R.T. -0.02 min

Lab File: VD060578.D

Acq: 14 Dec 2018 17:30

Instrument :

MSVOA_D

ClientSampled :

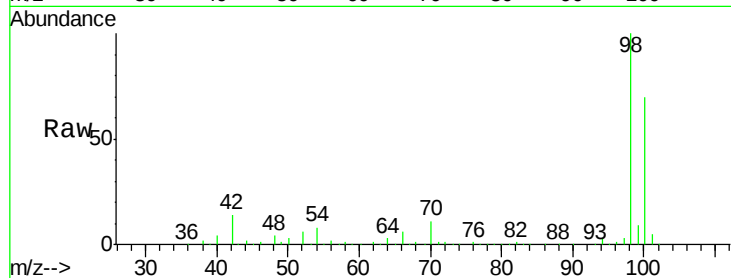
TP-4-B

Tgt Ion: 98 Resp: 1758731

Ion Ratio Lower Upper

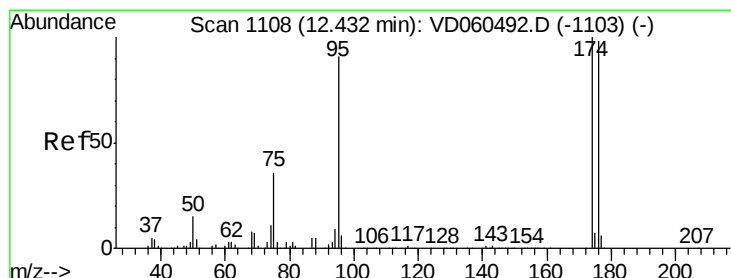
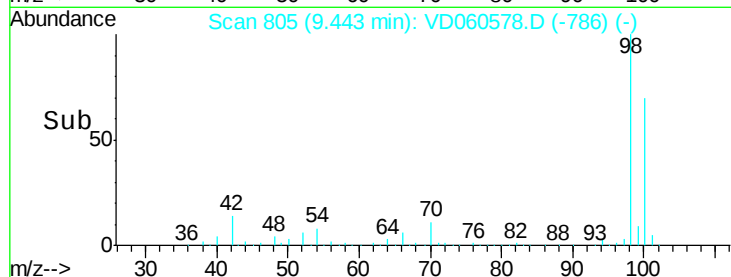
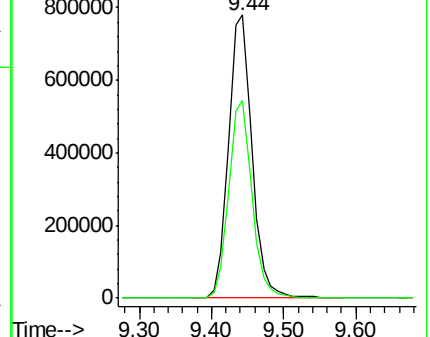
98 100

100 69.7 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VD060578.D

Acq: 14 Dec 2018 17:30

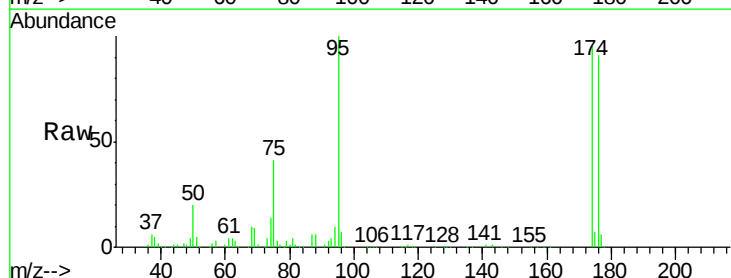
Tgt Ion: 95 Resp: 401962

Ion Ratio Lower Upper

95 100

174 94.8 0.0 219.4

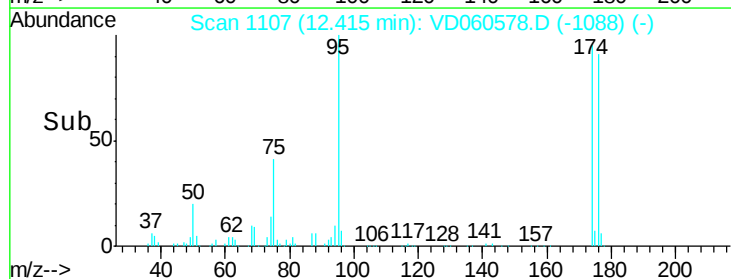
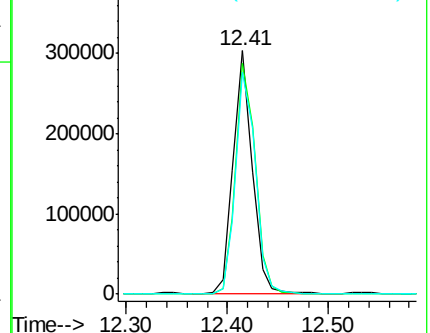
176 91.0 0.0 214.6

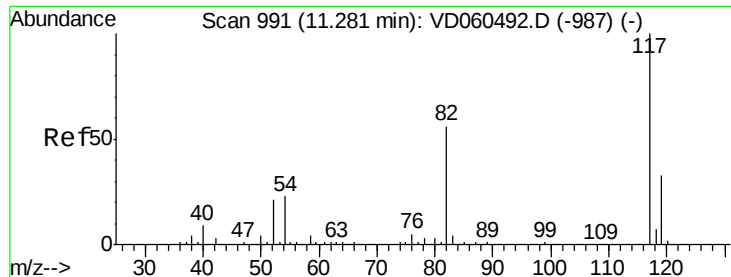


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

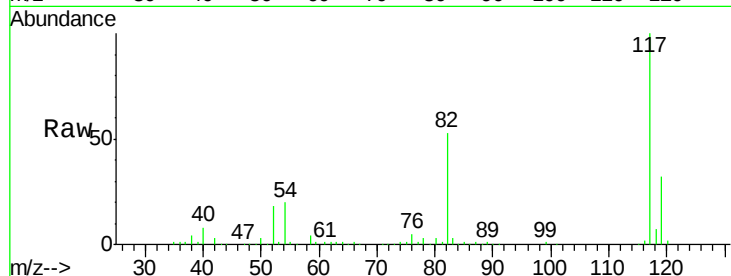




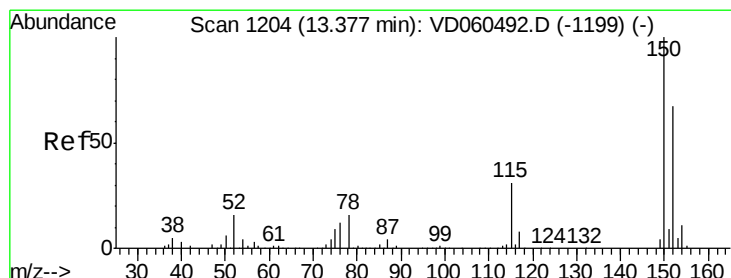
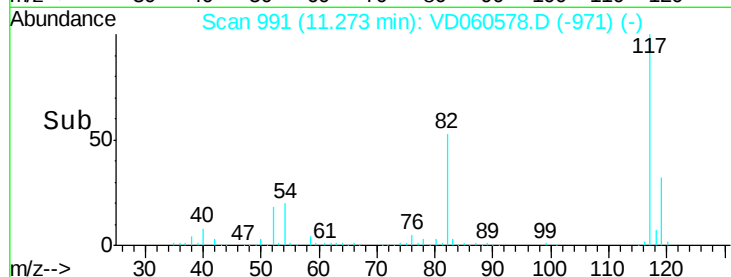
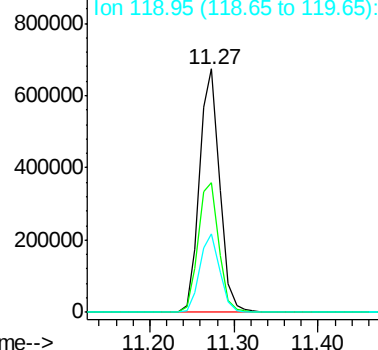
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 991
Delta R.T. -0.01 min
Lab File: VD060578.D
Acq: 14 Dec 2018 17:30

Instrument :
MSVOA_D
ClientSampleId :
TP-4-B

Tgt Ion:117 Resp: 1117485
Ion Ratio Lower Upper
117 100
82 53.2 45.2 67.8
119 32.4 26.1 39.1

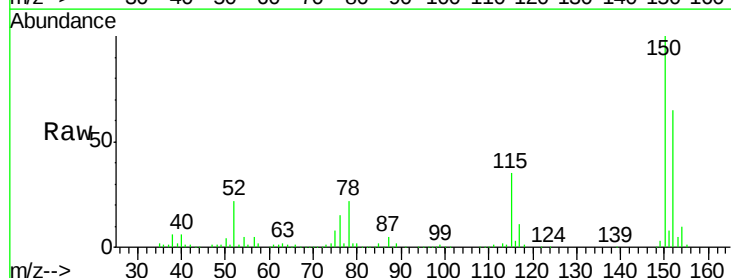


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

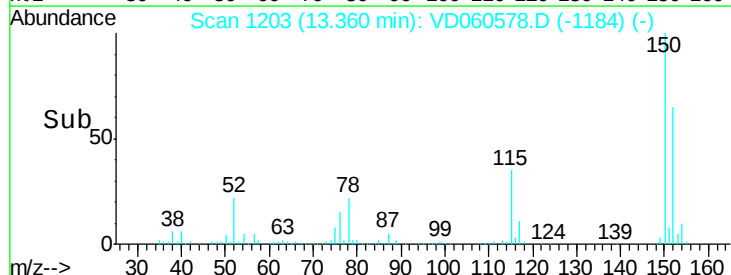
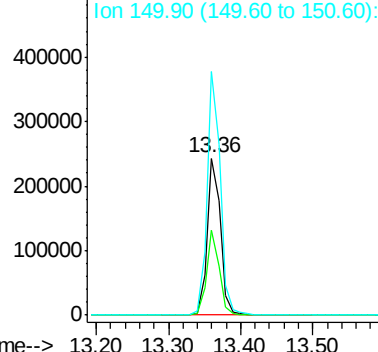


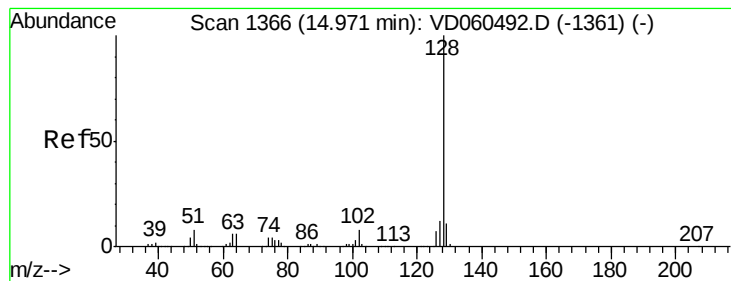
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.02 min
Lab File: VD060578.D
Acq: 14 Dec 2018 17:30

Tgt Ion:152 Resp: 313350
Ion Ratio Lower Upper
152 100
115 53.7 24.6 74.0
150 154.9 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

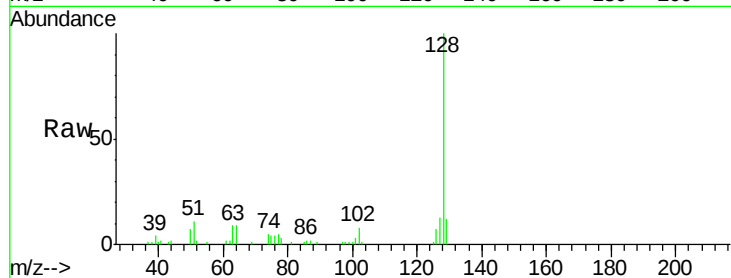




#95
 Naphthalene
 Concen: 10.590 ug/l
 RT: 14.95 min Scan# 1365
 Delta R.T. -0.02 min
 Lab File: VD060578.D
 Acq: 14 Dec 2018 17:30

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4-B

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.8	14.8
129	11.7	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

