

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
 Data File : VD060571.D
 Acq On : 14 Dec 2018 14:13
 Operator : VA/AP
 Sample : J6403-01
 Misc : 2.68g/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-A

Quant Time: Dec 14 22:43:25 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

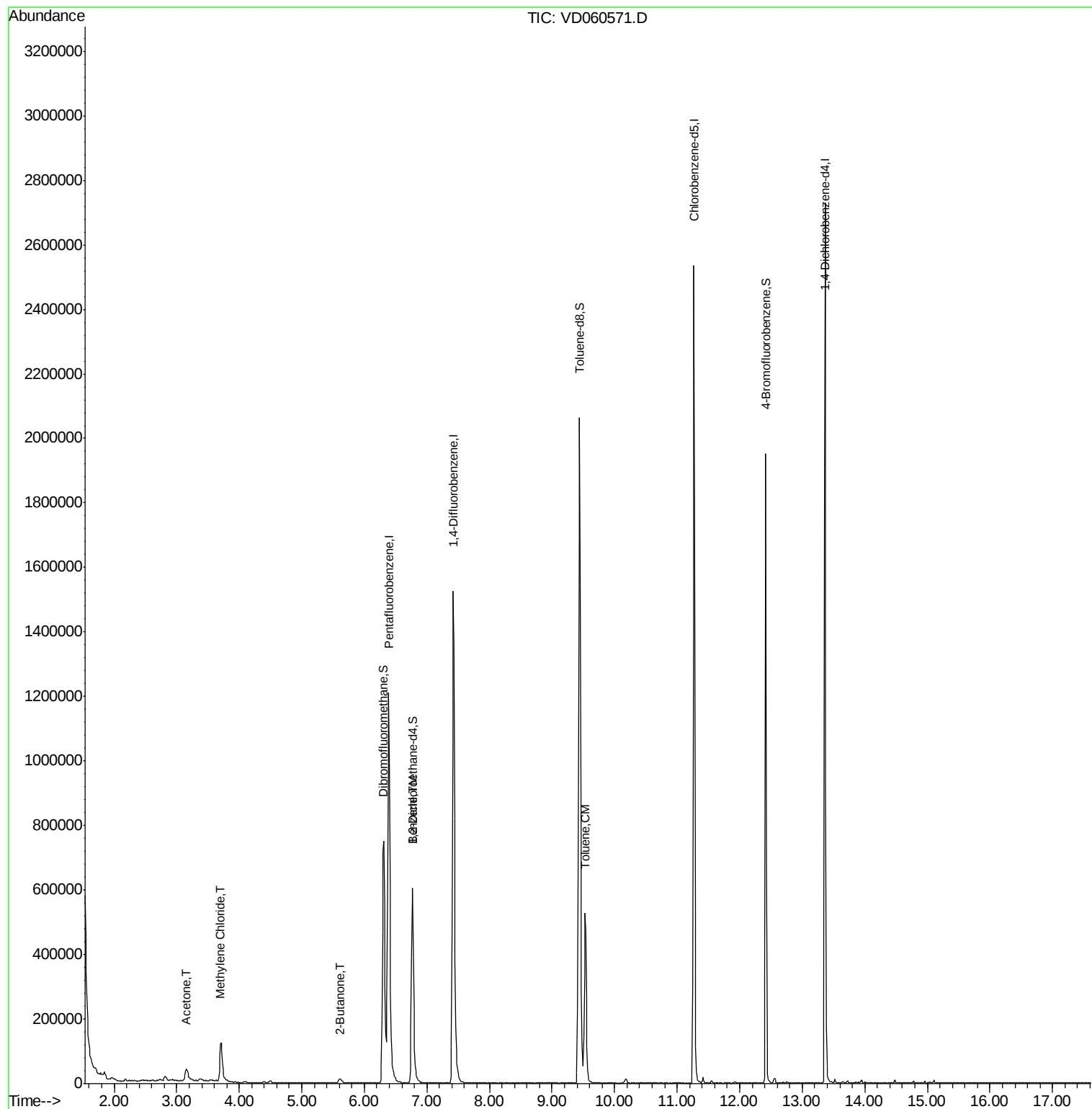
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1173805	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	1620136	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1340151	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.36	152	632745	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	477950	57.45	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	114.90%	
35) Dibromofluoromethane	6.31	113	611476	51.38	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	102.76%	
50) Toluene-d8	9.44	98	1681055	48.82	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.42	95	574458	46.62	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	93.24%	
Target Compounds						
16) Acetone	3.15	43	91771	68.814	ug/l	96
20) Methylene Chloride	3.70	84	84903	2.703	ug/l	90
25) 2-Butanone	5.60	43	27800	10.596	ug/l #	89
40) Benzene	6.77	78	66260	1.637	ug/l	97
52) Toluene	9.53	92	279658	11.055	ug/l	98

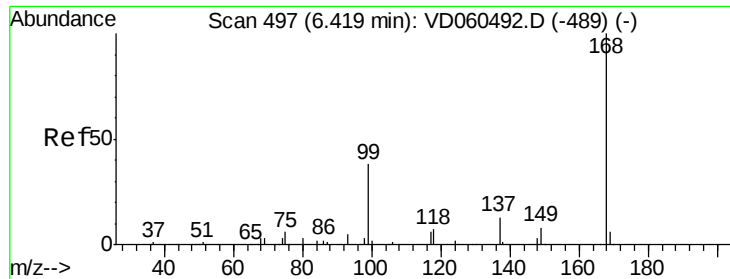
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
Data File : VD060571.D
Acq On : 14 Dec 2018 14:13
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Misc : 2.68g/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

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MSVOA_D
ClientSampleId :
TP-1-A

Quant Time: Dec 14 22:43:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
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# 494

Delta R.T. -0.03 min

Lab File: VD060571.D

Acq: 14 Dec 2018 14:13

Instrument :

MSVOA_D

ClientSampleId :

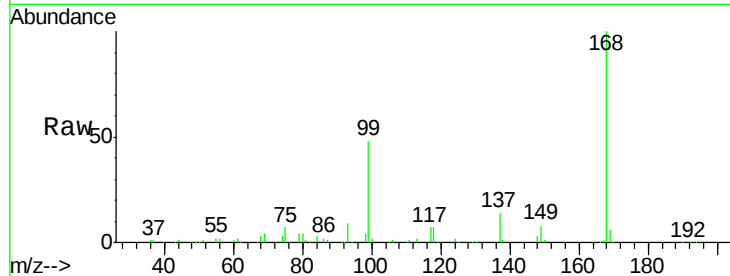
TP-1-A

Tgt Ion:168 Resp: 1173805

Ion Ratio Lower Upper

168 100

99 47.7 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

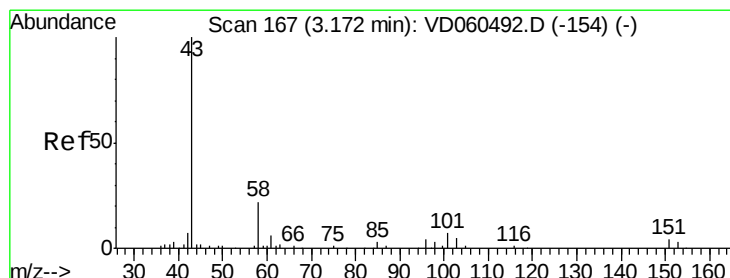
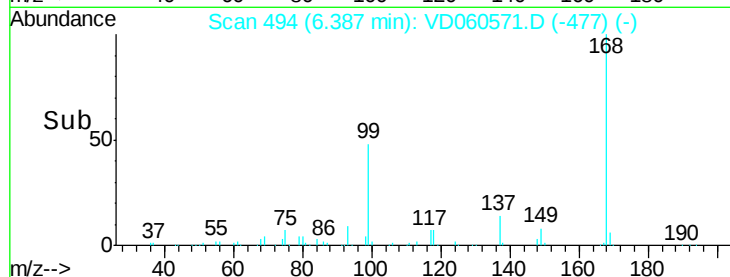
200000

100000

0

Time-->

6.20 6.30 6.40 6.50 6.60



#16

Acetone

Concen: 68.814 ug/l

RT: 3.15 min Scan# 165

Delta R.T. -0.02 min

Lab File: VD060571.D

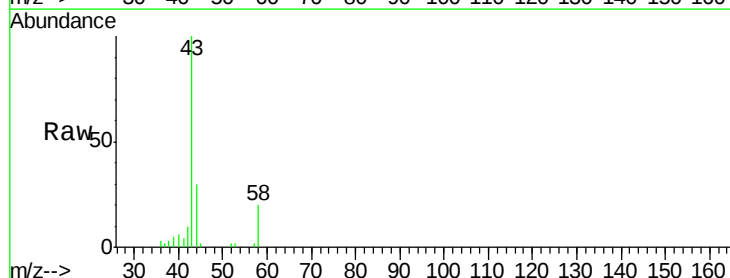
Acq: 14 Dec 2018 14:13

Tgt Ion: 43 Resp: 91771

Ion Ratio Lower Upper

43 100

58 19.8 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

25000

20000

15000

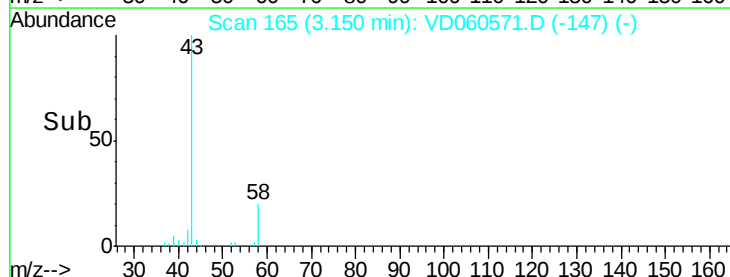
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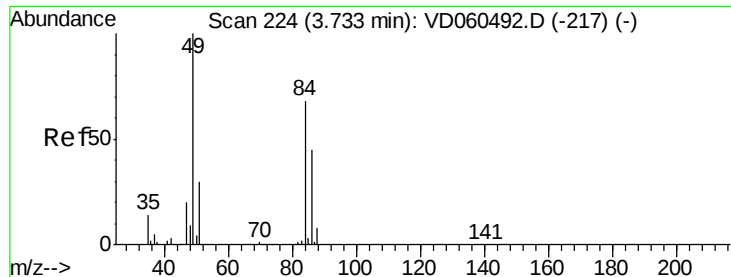
5000

0

Time-->

3.00 3.10 3.20 3.30 3.40

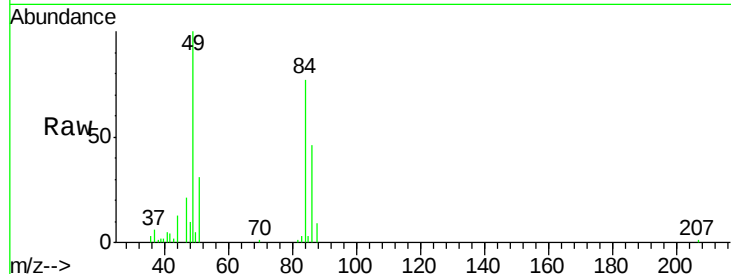




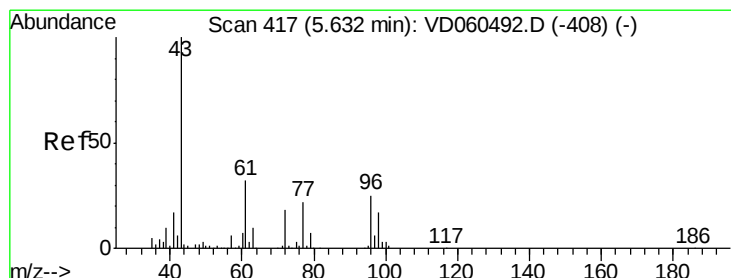
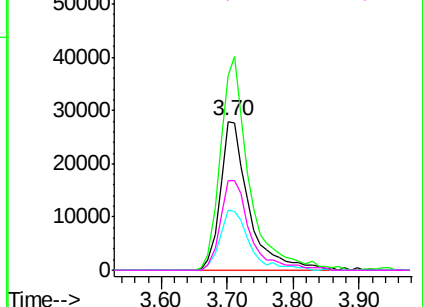
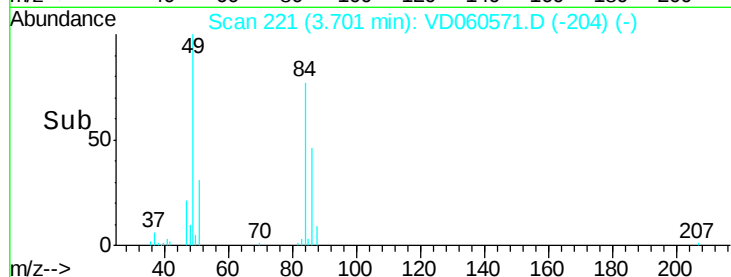
#20
Methylene Chloride
Concen: 2.703 ug/l
RT: 3.70 min Scan# 221
Delta R.T. -0.03 min
Lab File: VD060571.D
Acq: 14 Dec 2018 14:13

Instrument :
MSVOA_D
ClientSampleId :
TP-1-A

Tgt Ion: 84 Resp: 84903
Ion Ratio Lower Upper
84 100
49 130.7 117.2 175.8
51 40.7 35.3 52.9
86 60.6 53.2 79.8

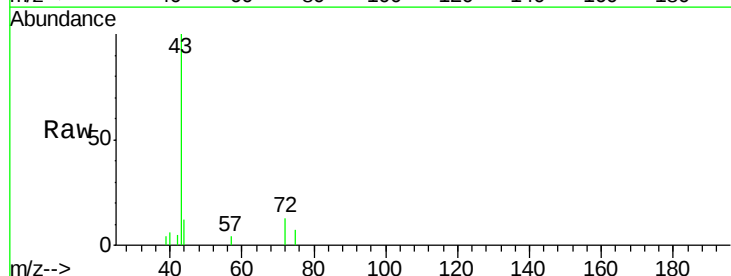


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

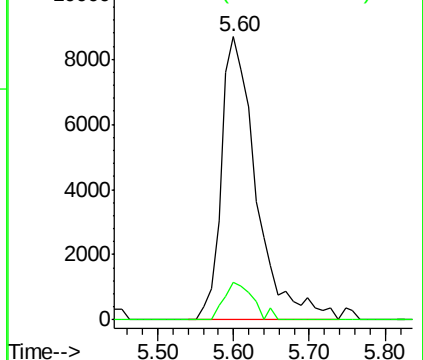
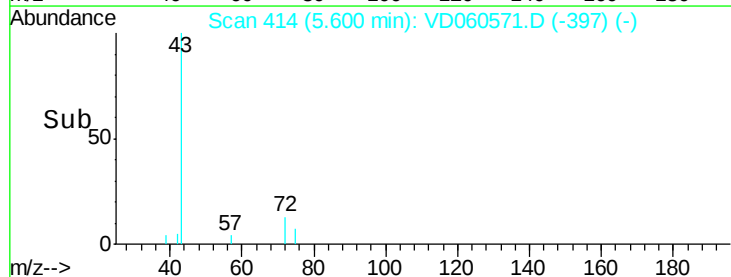


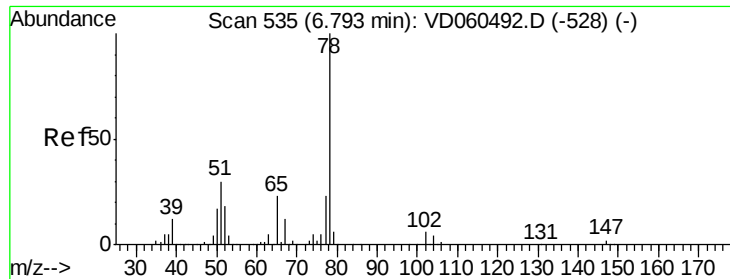
#25
2-Butanone
Concen: 10.596 ug/l
RT: 5.60 min Scan# 414
Delta R.T. -0.03 min
Lab File: VD060571.D
Acq: 14 Dec 2018 14:13

Tgt Ion: 43 Resp: 27800
Ion Ratio Lower Upper
43 100
72 13.3 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: 6.77 min Scan# 533

Delta R.T. -0.02 min

Lab File: VD060571.D

Acq: 14 Dec 2018 14:13

Instrument :

MSVOA_D

ClientSampleId :

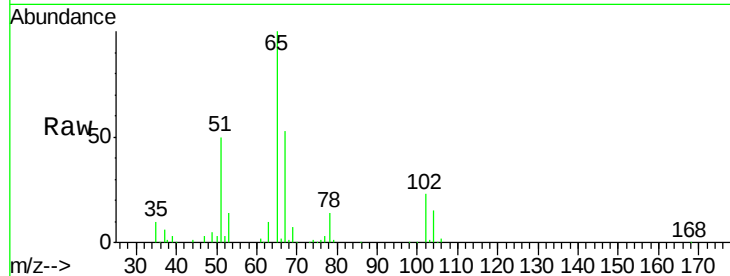
TP-1-A

Tgt Ion: 65 Resp: 477950

Ion Ratio Lower Upper

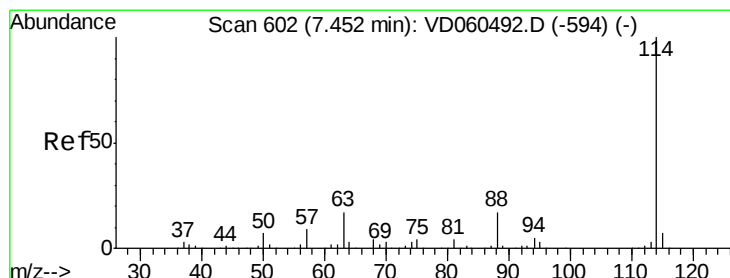
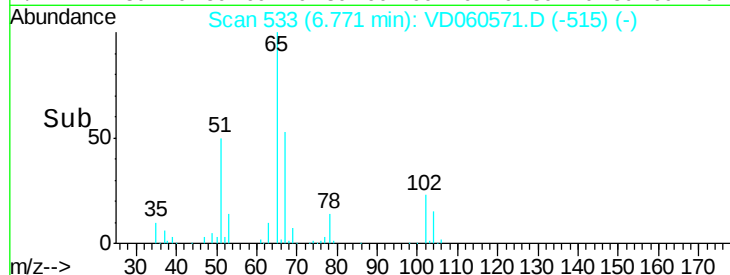
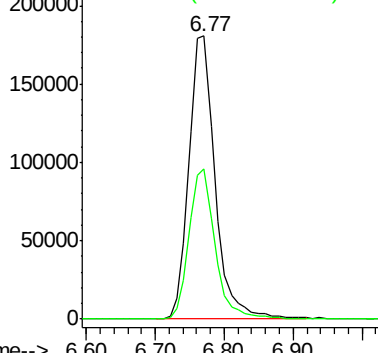
65 100

67 53.0 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: VD060571.D

Acq: 14 Dec 2018 14:13

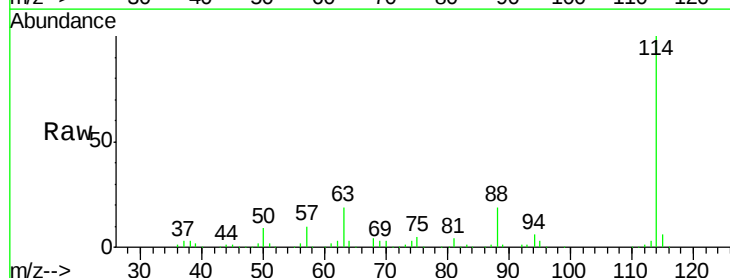
Tgt Ion: 114 Resp: 1620136

Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.2

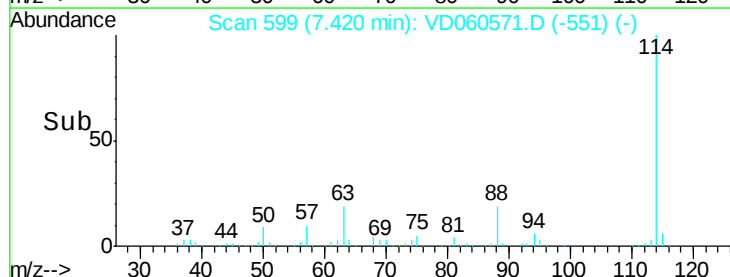
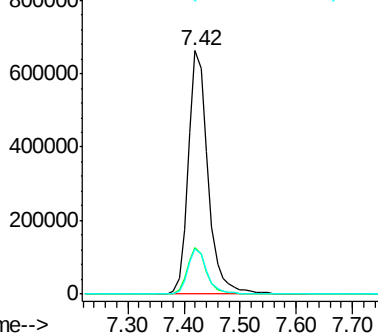
88 18.7 0.0 35.0

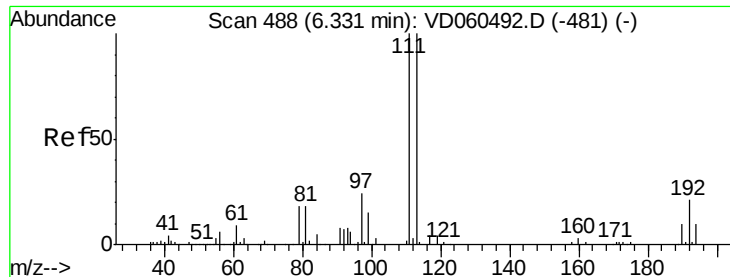


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

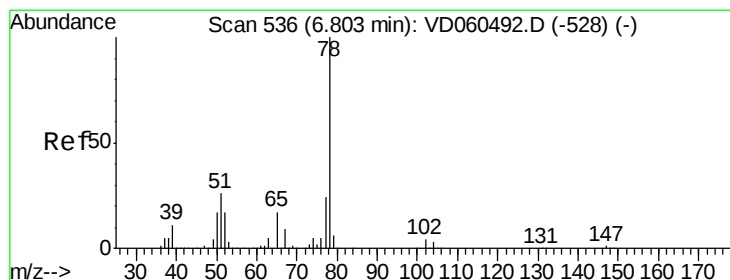
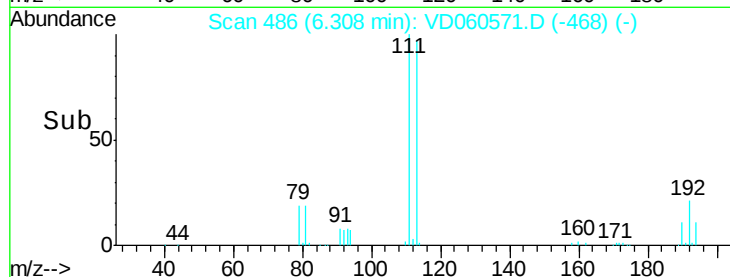
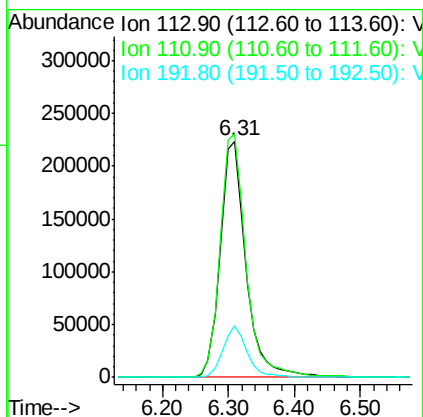
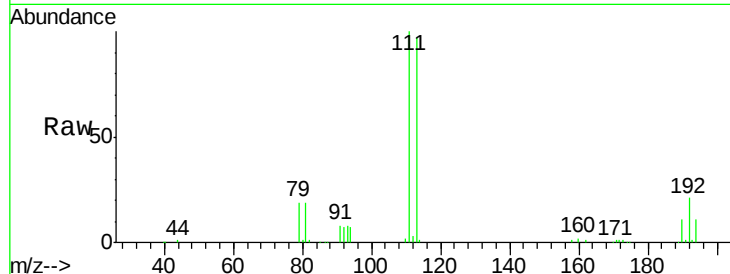




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 486
 Delta R.T. -0.02 min
 Lab File: VD060571.D
 Acq: 14 Dec 2018 14:13

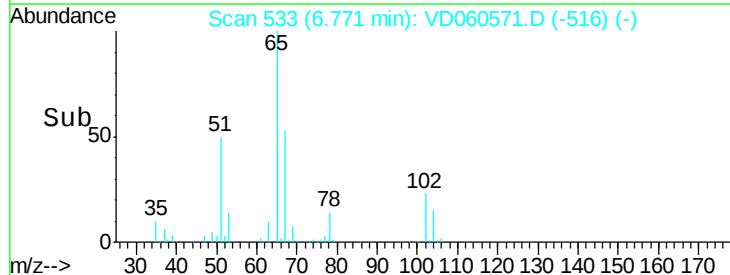
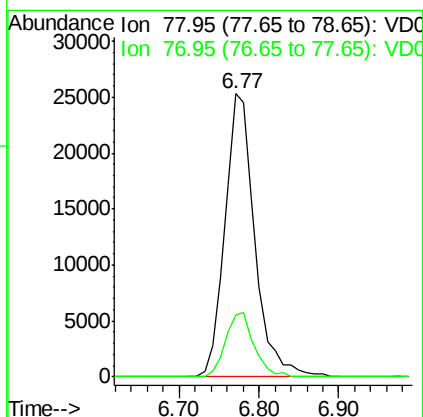
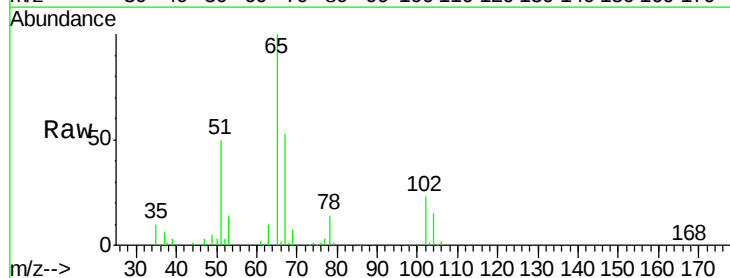
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-A

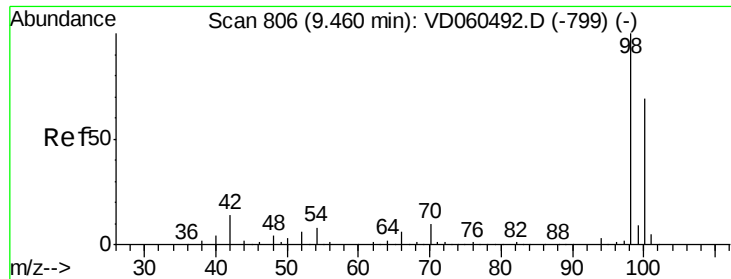
Tgt Ion: 113 Resp: 611476
 Ion Ratio Lower Upper
 113 100
 111 103.2 80.2 120.4
 192 21.7 16.6 24.8



#40
 Benzene
 Concen: 1.637 ug/l
 RT: 6.77 min Scan# 533
 Delta R.T. -0.03 min
 Lab File: VD060571.D
 Acq: 14 Dec 2018 14:13

Tgt Ion: 78 Resp: 66260
 Ion Ratio Lower Upper
 78 100
 77 22.0 18.9 28.3

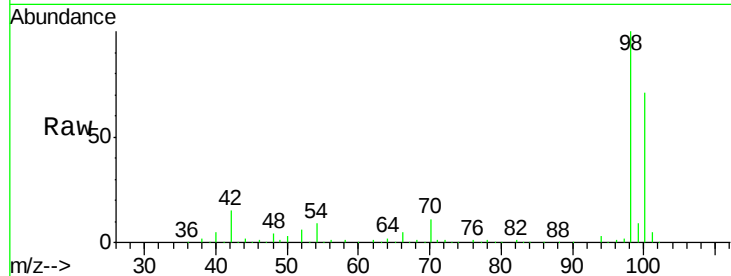




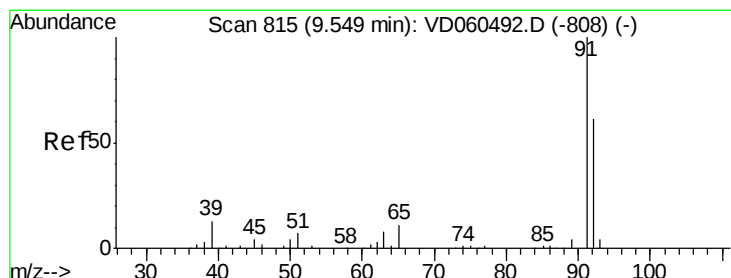
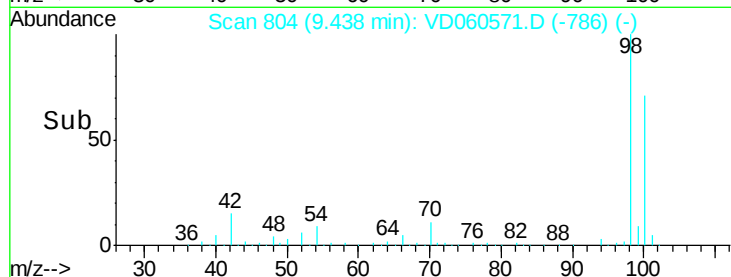
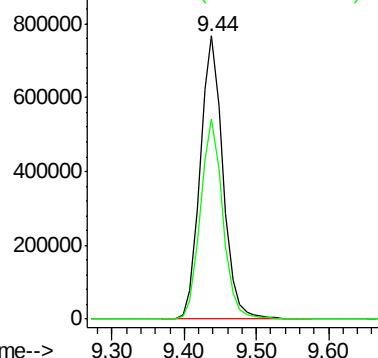
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 804
Delta R.T. -0.02 min
Lab File: VD060571.D
Acq: 14 Dec 2018 14:13

Instrument :
MSVOA_D
ClientSampleId :
TP-1-A

Tgt Ion: 98 Resp: 1681055
Ion Ratio Lower Upper
98 100
100 70.8 55.7 83.5

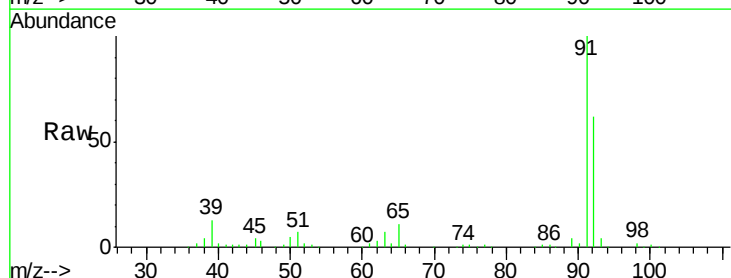


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

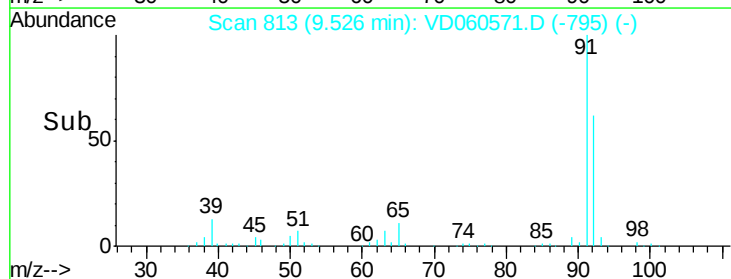
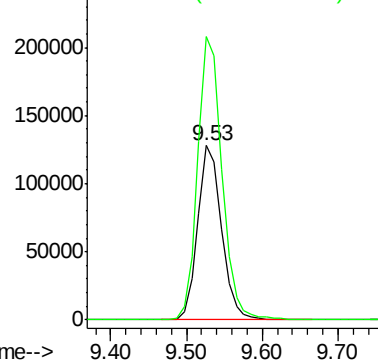


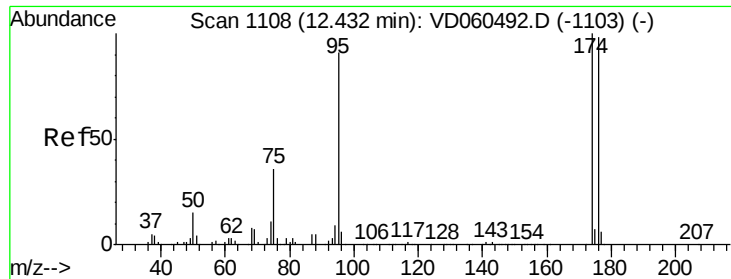
#52
Toluene
Concen: 11.055 ug/l
RT: 9.53 min Scan# 813
Delta R.T. -0.02 min
Lab File: VD060571.D
Acq: 14 Dec 2018 14:13

Tgt Ion: 92 Resp: 279658
Ion Ratio Lower Upper
92 100
91 162.4 131.7 197.5



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: 12.42 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VD060571.D

Acq: 14 Dec 2018 14:13

Instrument :

MSVOA_D

ClientSampleId :

TP-1-A

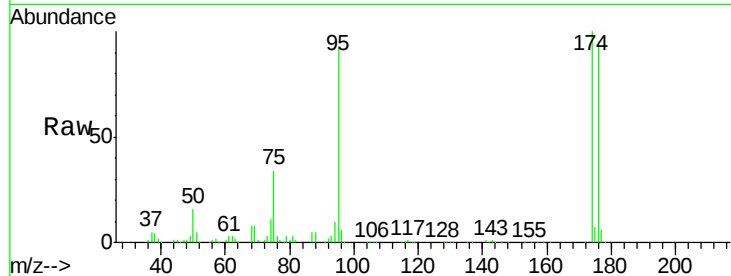
Tgt Ion: 95 Resp: 574458

Ion Ratio Lower Upper

95 100

174 108.9 0.0 219.4

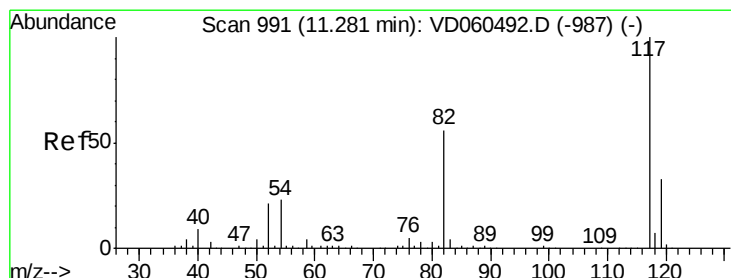
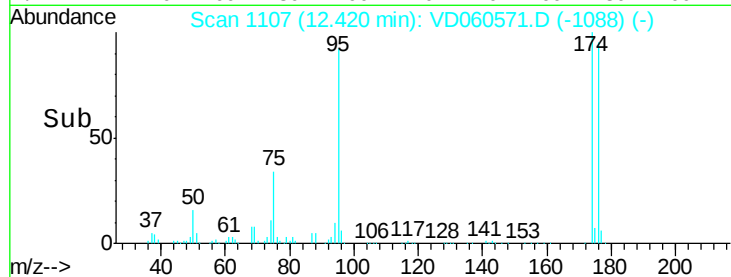
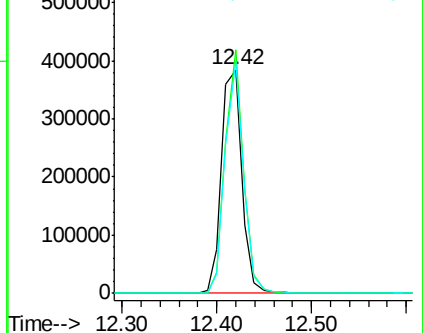
176 104.0 0.0 214.6



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: 11.27 min Scan# 990

Delta R.T. -0.01 min

Lab File: VD060571.D

Acq: 14 Dec 2018 14:13

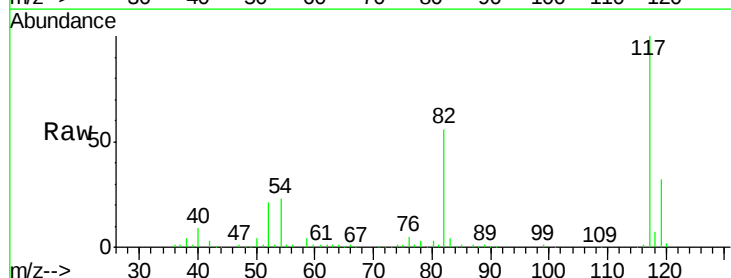
Tgt Ion: 117 Resp: 1340151

Ion Ratio Lower Upper

117 100

82 56.1 45.2 67.8

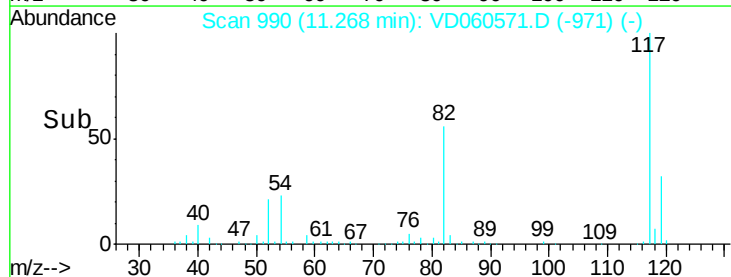
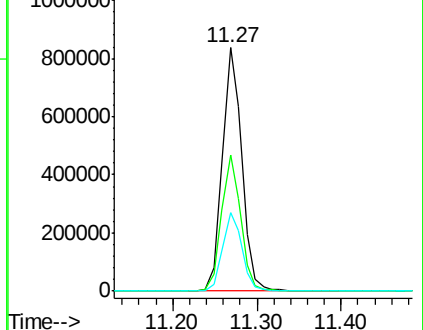
119 32.5 26.1 39.1

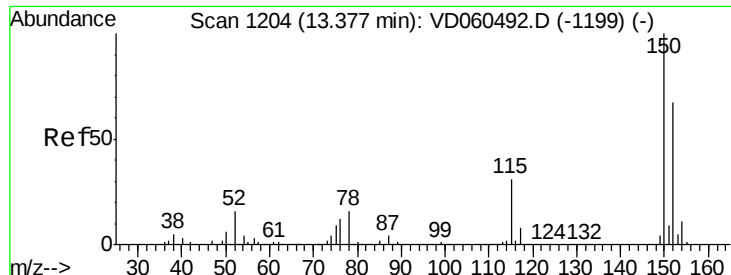


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

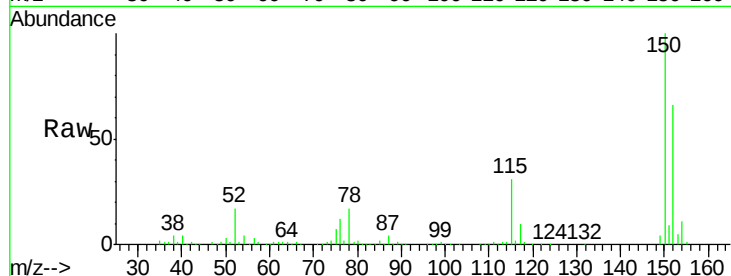




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.36 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: VD060571.D
 Acq: 14 Dec 2018 14:13

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-A

Tgt Ion:152 Resp: 632745
 Ion Ratio Lower Upper
 152 100
 115 47.4 24.6 74.0
 150 150.5 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

