

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110118\
 Data File : VD060263.D
 Acq On : 1 Nov 2018 15:38
 Operator : VA/AP
 Sample : J5759-01
 Misc : 5.86g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Nov 01 17:03:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

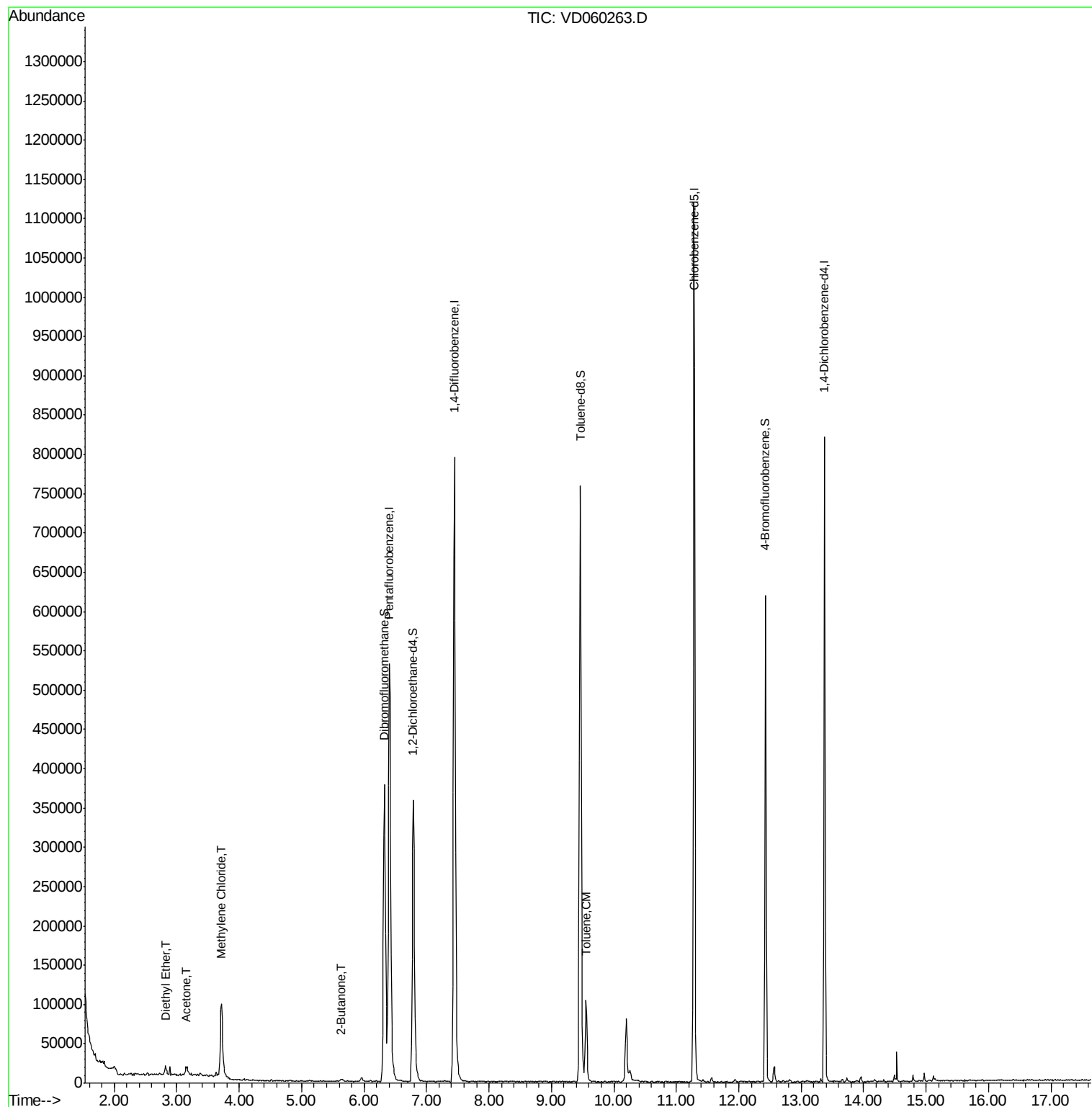
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	514772	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	818742	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.28	117	597151	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	206810	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	289204	74.12	ug/l	0.03
Spiked Amount 50.000			Recovery	=	148.24%	
35) Dibromofluoromethane	6.32	113	295432	47.52	ug/l	0.03
Spiked Amount 50.000			Recovery	=	95.04%	
50) Toluene-d8	9.46	98	626879	35.36	ug/l	0.03
Spiked Amount 50.000			Recovery	=	70.72%	
62) 4-Bromofluorobenzene	12.43	95	191040	28.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.56%	
Target Compounds						
8) Diethyl Ether	2.82	74	4669	5.307	ug/l	94
16) Acetone	3.15	43	23765	33.564	ug/l	96
20) Methylene Chloride	3.72	84	58465	6.772	ug/l	94
25) 2-Butanone	5.63	43	5171	2.923	ug/l	95
52) Toluene	9.55	92	53753	4.078	ug/l	100

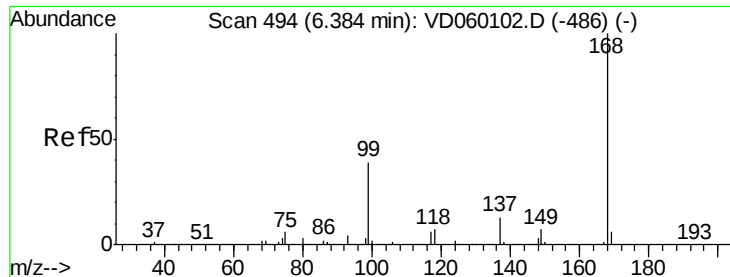
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110118\
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Quant Time: Nov 01 17:03:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060263.D

Acq: 1 Nov 2018 15:38

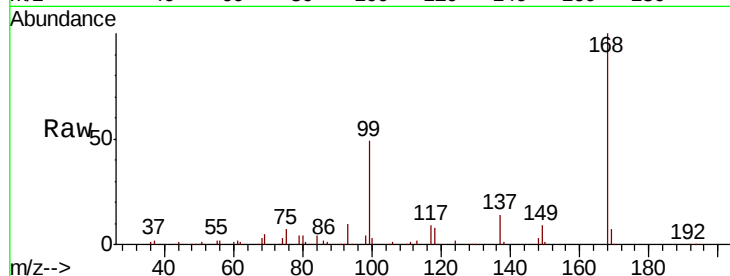
Instrument :
MSVOA_D
ClientSampled :
TP-1

Tot Ion:168 Resp: 514772

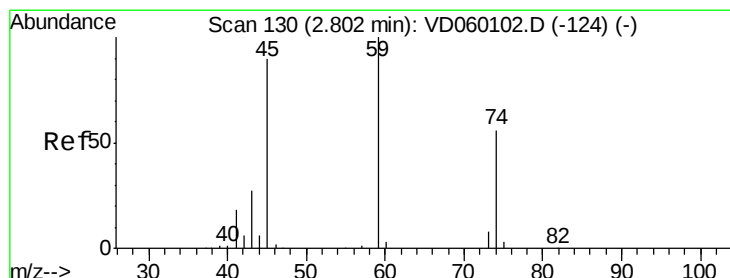
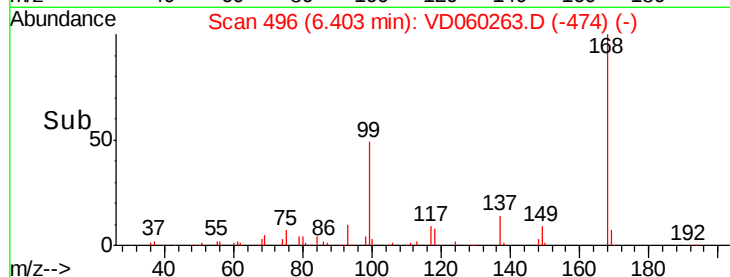
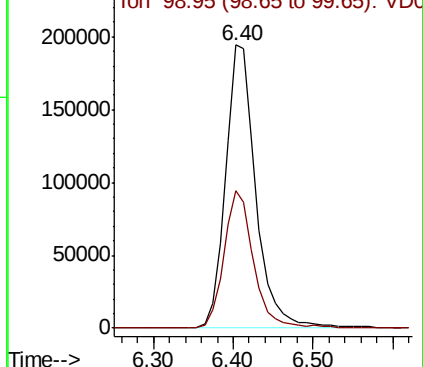
Ion Ratio Lower Upper

168 100

99 48.7 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V



#8

Diethyl Ether

Concen: 5.307 ug/l

RT: 2.82 min Scan# 132

Delta R.T. 0.02 min

Lab File: VD060263.D

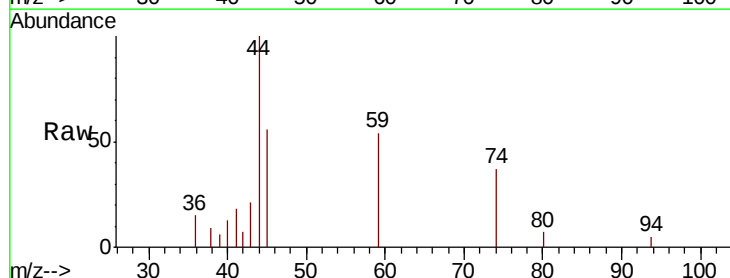
Acq: 1 Nov 2018 15:38

Tgt Ion: 74 Resp: 4669

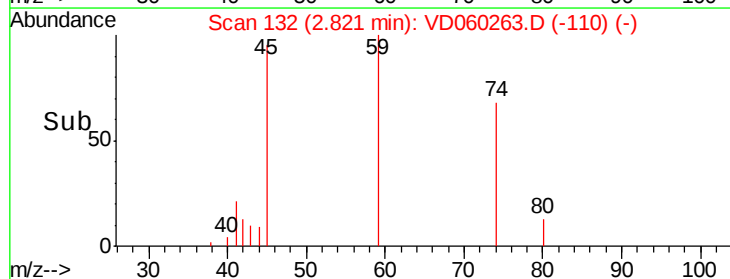
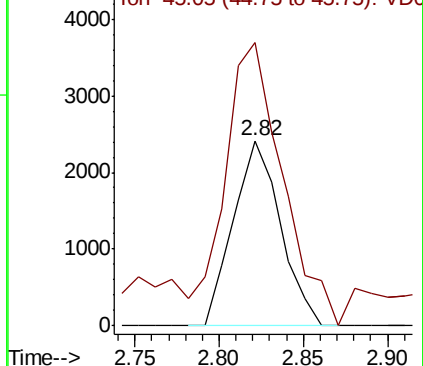
Ion Ratio Lower Upper

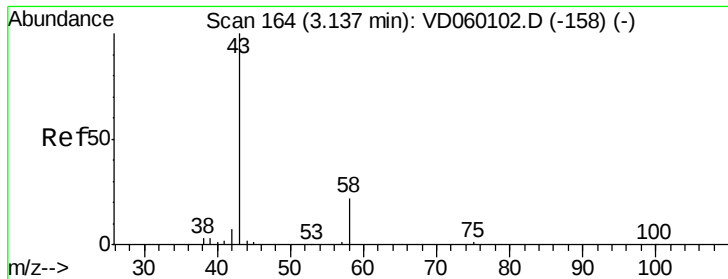
74 100

45 153.0 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): V





#16

Acetone

Concen: 33.564 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060263.D

Acq: 1 Nov 2018 15:38

Instrument :

MSVOA_D

ClientSampled :

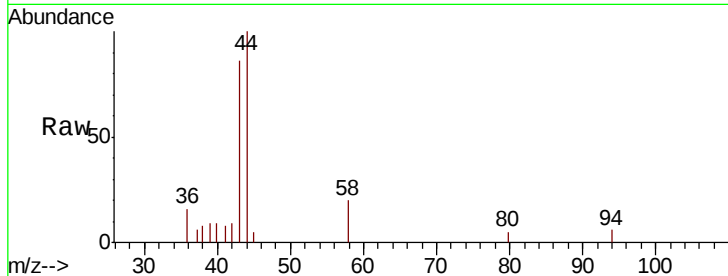
TP-1

Tot Ion: 43 Resp: 23765

Ion Ratio Lower Upper

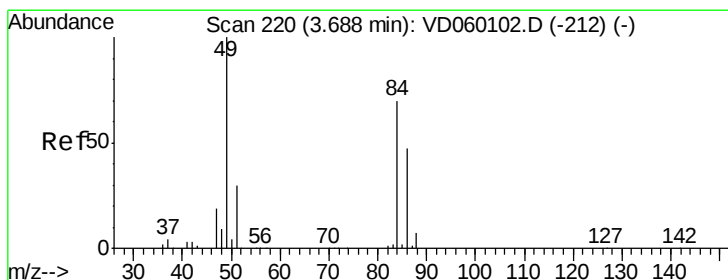
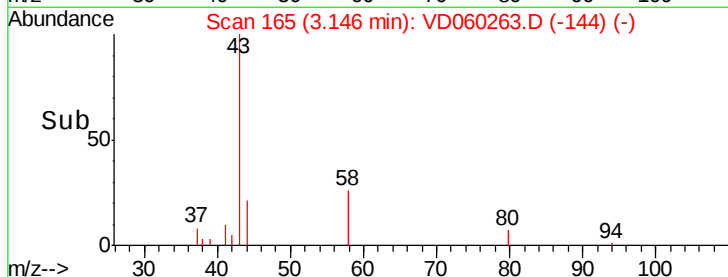
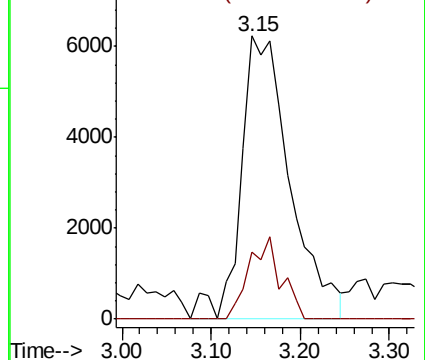
43 100

58 23.9 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 6.772 ug/l

RT: 3.72 min Scan# 223

Delta R.T. 0.03 min

Lab File: VD060263.D

Acq: 1 Nov 2018 15:38

Tgt Ion: 84 Resp: 58465

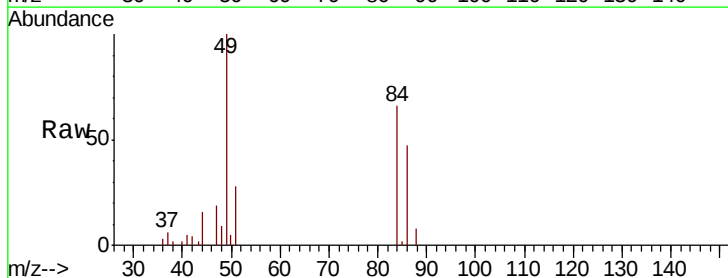
Ion Ratio Lower Upper

84 100

49 152.5 114.6 172.0

51 42.6 33.8 50.8

86 71.5 53.3 79.9

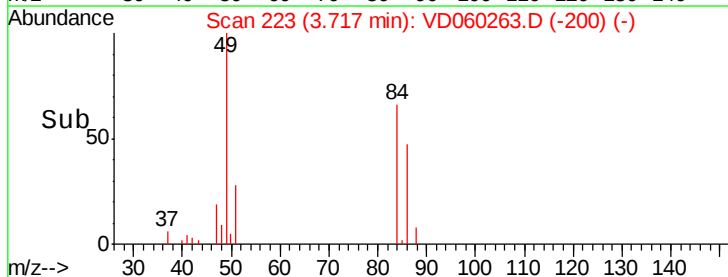
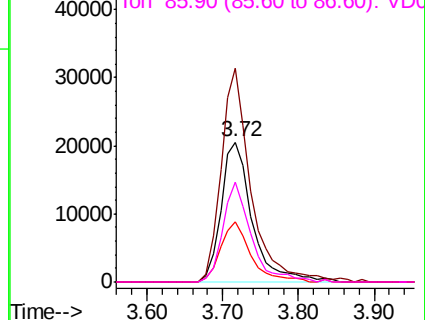


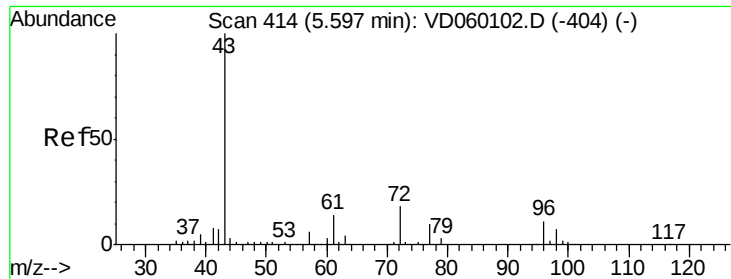
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 2.923 ug/l

RT: 5.63 min Scan# 417

Delta R.T. 0.03 min

Lab File: VD060263.D

Acq: 1 Nov 2018 15:38

Instrument :

MSVOA_D

ClientSampleId :

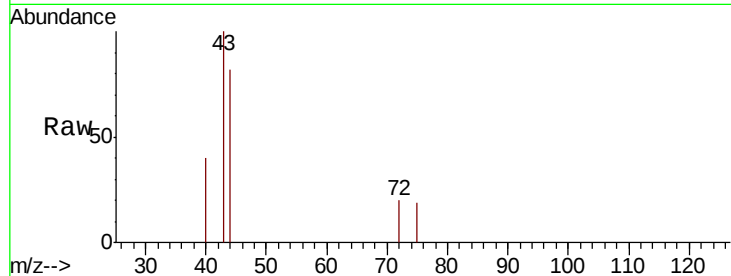
TP-1

Tot Ion: 43 Resp: 5171

Ion Ratio Lower Upper

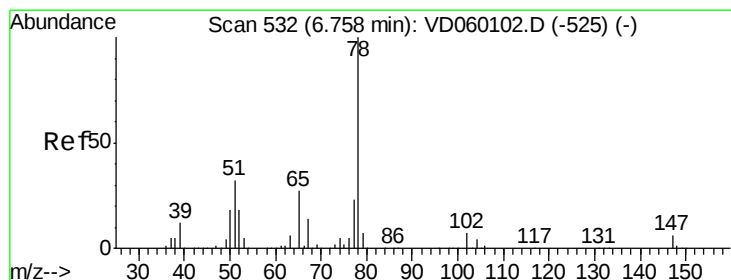
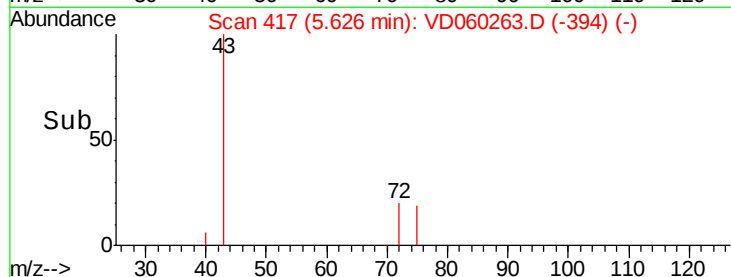
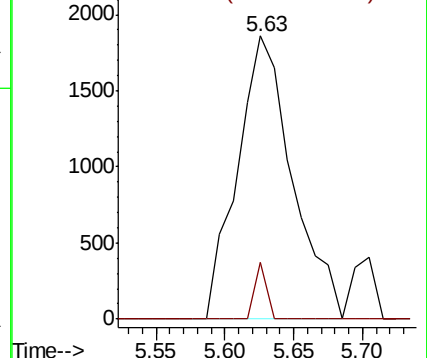
43 100

72 20.3 14.5 21.7



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: 6.79 min Scan# 535

Delta R.T. 0.03 min

Lab File: VD060263.D

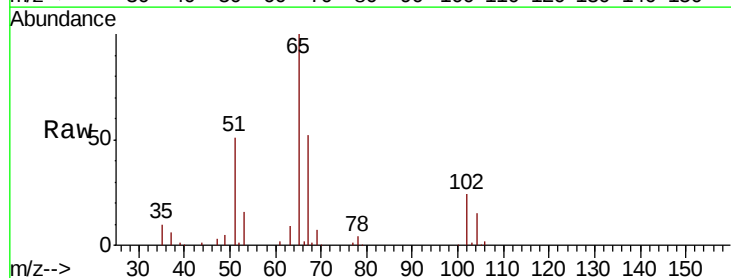
Acq: 1 Nov 2018 15:38

Tgt Ion: 65 Resp: 289204

Ion Ratio Lower Upper

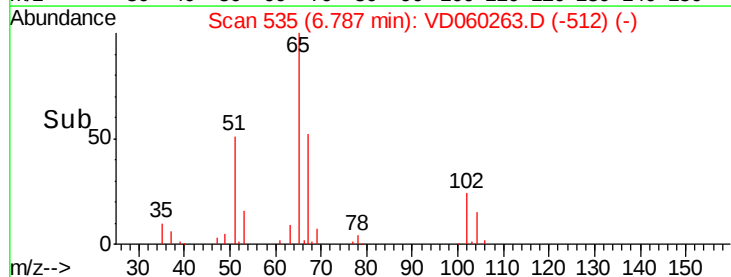
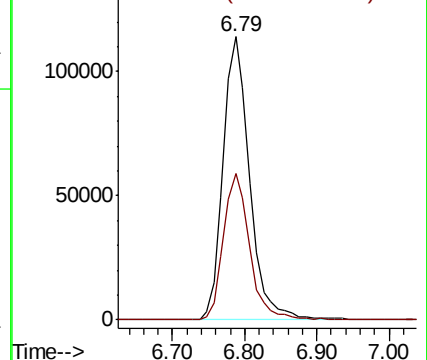
65 100

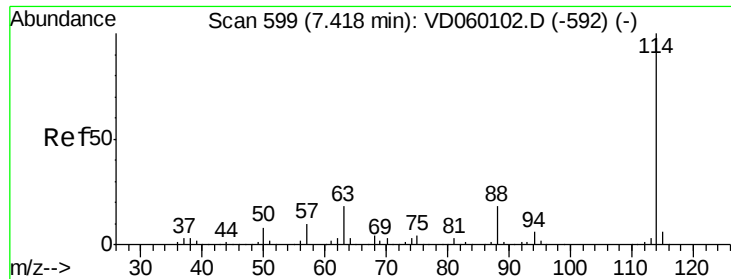
67 51.5 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

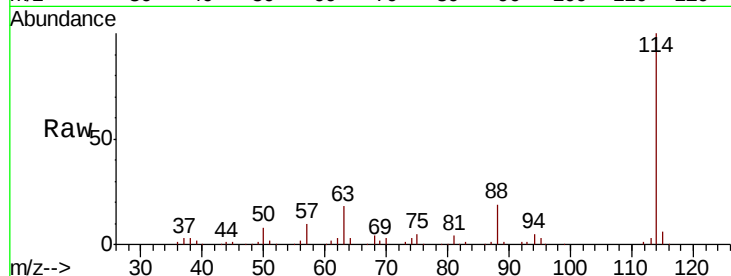




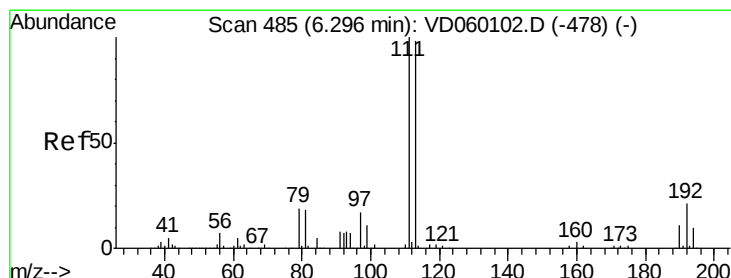
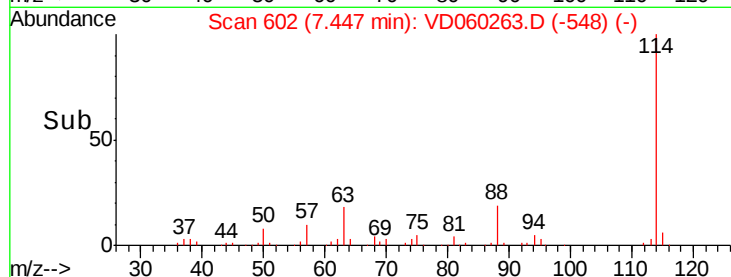
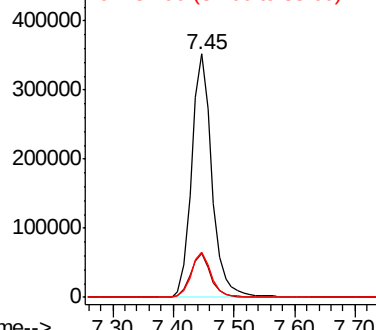
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.45 min Scan# 602
Delta R.T. 0.03 min
Lab File: VD060263.D
Acq: 1 Nov 2018 15:38

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion:114 Resp: 818742
Ion Ratio Lower Upper
114 100
63 17.8 0.0 36.0
88 18.8 0.0 36.2

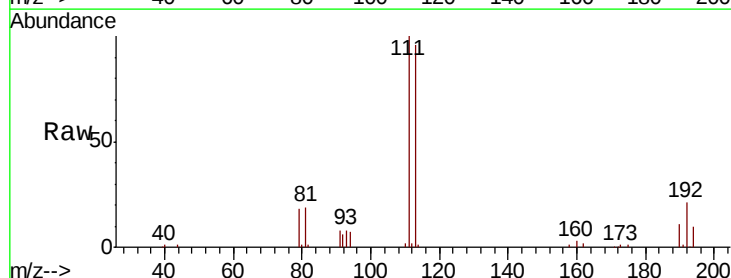


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

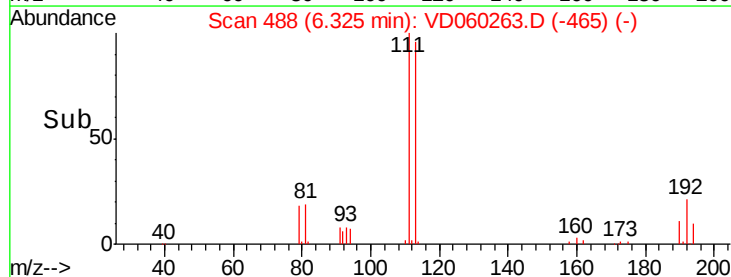
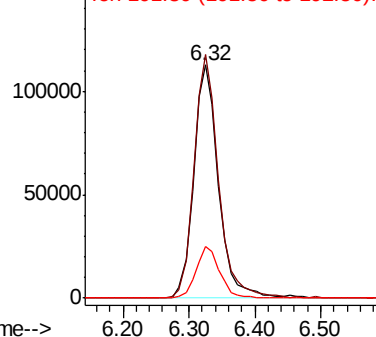


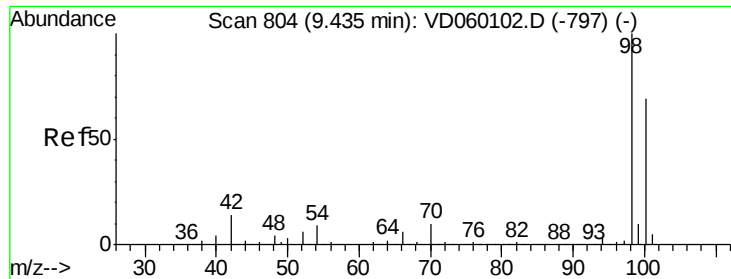
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 488
Delta R.T. 0.03 min
Lab File: VD060263.D
Acq: 1 Nov 2018 15:38

Tgt Ion:113 Resp: 295432
Ion Ratio Lower Upper
113 100
111 104.4 81.5 122.3
192 21.9 17.4 26.0



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

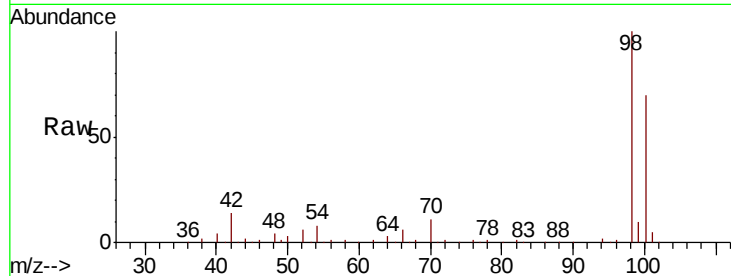




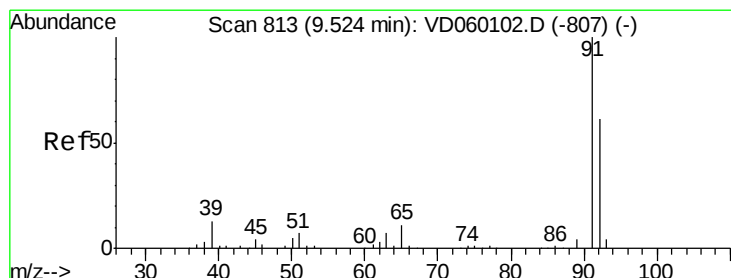
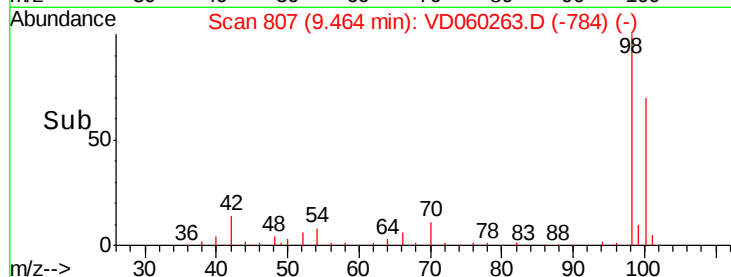
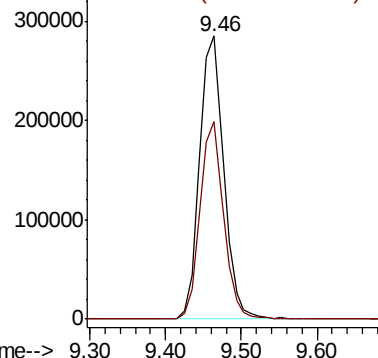
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. 0.03 min
Lab File: VD060263.D
Acq: 1 Nov 2018 15:38

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion: 98 Resp: 626879
Ion Ratio Lower Upper
98 100
100 70.0 55.4 83.0

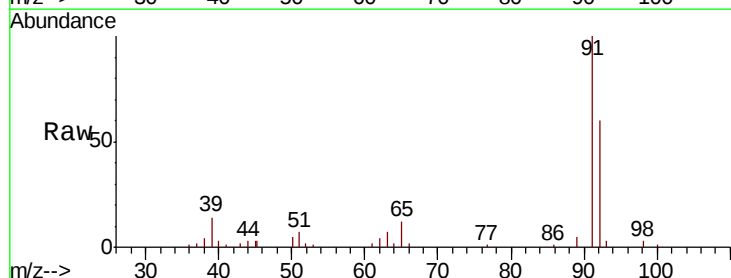


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

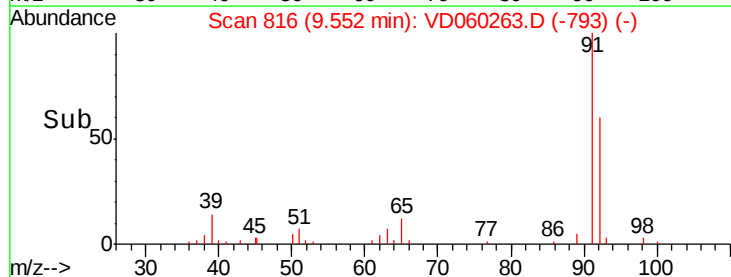
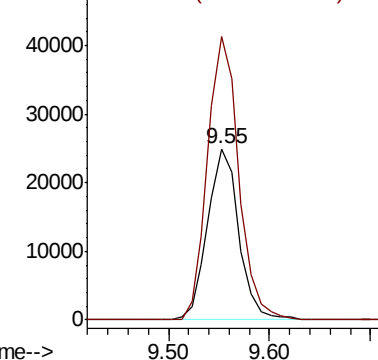


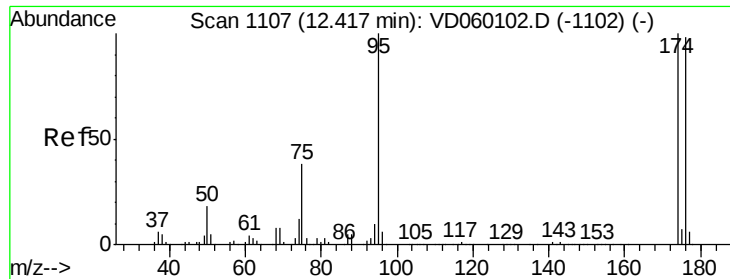
#52
Toluene
Concen: 4.078 ug/l
RT: 9.55 min Scan# 816
Delta R.T. 0.03 min
Lab File: VD060263.D
Acq: 1 Nov 2018 15:38

Tgt Ion: 92 Resp: 53753
Ion Ratio Lower Upper
92 100
91 165.5 131.9 197.9



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: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060263.D

Acq: 1 Nov 2018 15:38

Instrument :

MSVOA_D

ClientSampleId :

TP-1

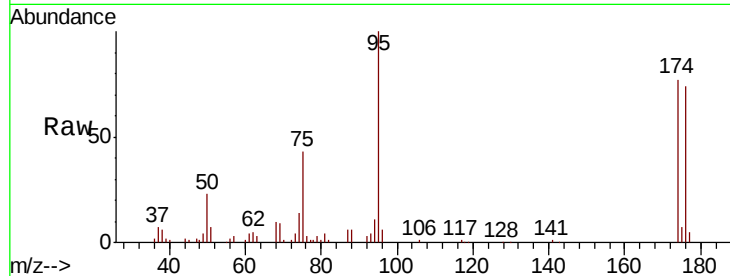
Tot Ion: 95 Resp: 191040

Ion Ratio Lower Upper

95 100

174 77.4 0.0 200.2

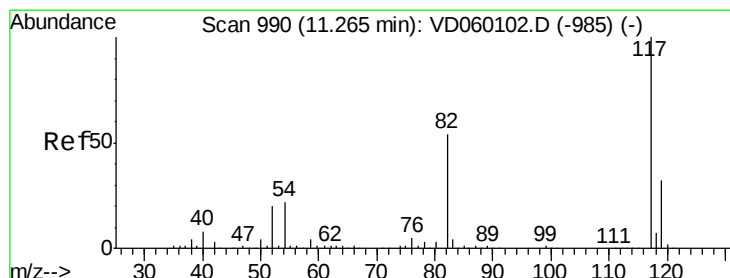
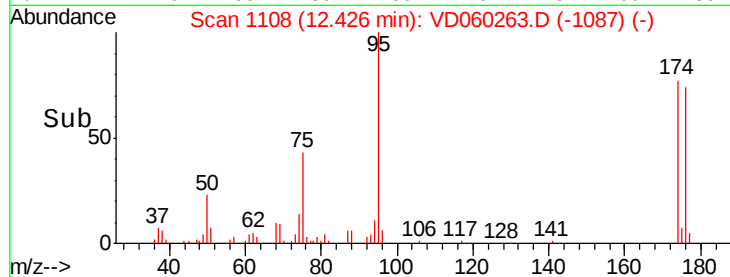
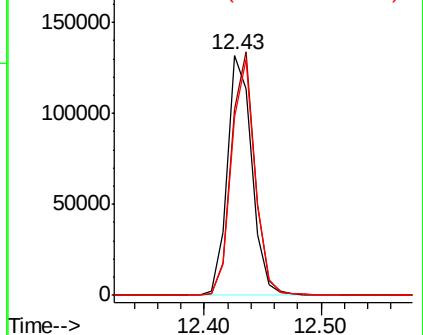
176 74.0 0.0 195.6



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: 11.28 min Scan# 992

Delta R.T. 0.02 min

Lab File: VD060263.D

Acq: 1 Nov 2018 15:38

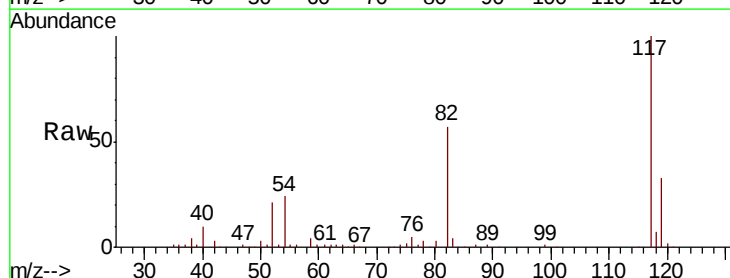
Tgt Ion: 117 Resp: 597151

Ion Ratio Lower Upper

117 100

82 56.6 43.4 65.2

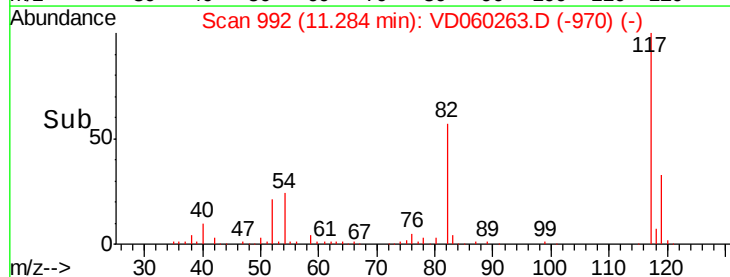
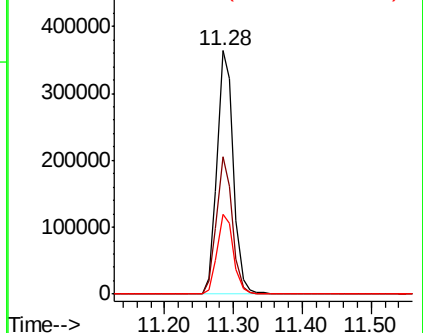
119 32.7 26.0 39.0

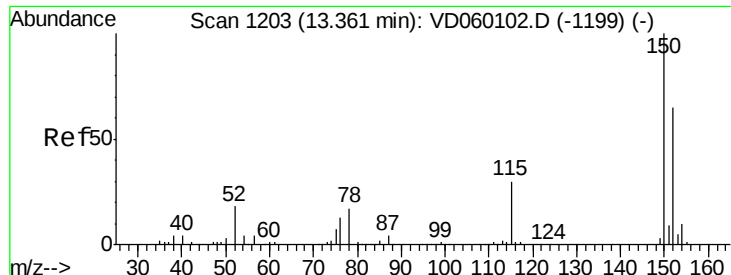


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

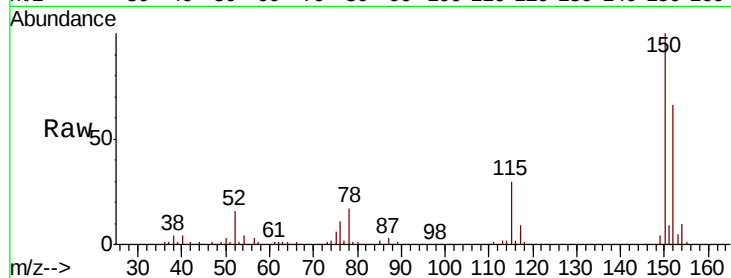




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.38 min Scan# 1205
 Delta R.T. 0.02 min
 Lab File: VD060263.D
 Acq: 1 Nov 2018 15:38

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	45.1	27.1	81.2
150	150.9	0.0	311.8



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

