

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122718\
 Data File : VD060739.D
 Acq On : 27 Dec 2018 21:10
 Operator : VA/AP
 Sample : J6447-08RE
 Misc : 5.82g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS025-1218-01RE

Quant Time: Dec 28 03:05:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

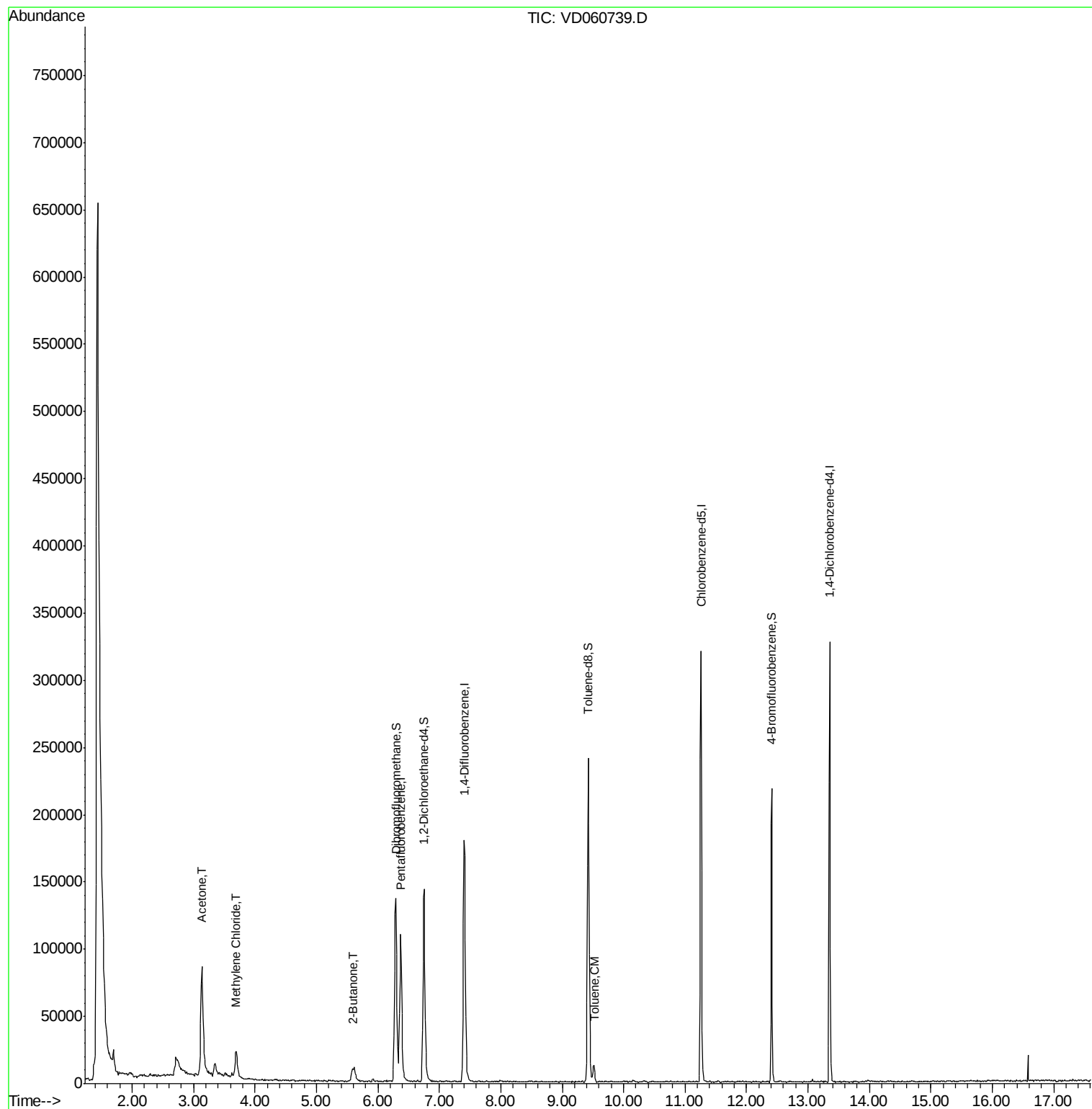
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	101564	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.40	114	189638	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.26	117	167950	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	73367	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	121067	172.49	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	344.98%	
35) Dibromofluoromethane	6.29	113	105298	75.86	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	151.72%	
50) Toluene-d8	9.42	98	180511	43.59	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	87.18%	
62) 4-Bromofluorobenzene	12.40	95	61034	42.08	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	84.16%	
Target Compounds						
16) Acetone	3.13	43	167512	1366.626	ug/l	99
20) Methylene Chloride	3.69	84	11972	9.405	ug/l	90
25) 2-Butanone	5.58	43	15525	66.190	ug/l	97
52) Toluene	9.52	92	6782	2.145	ug/l	94

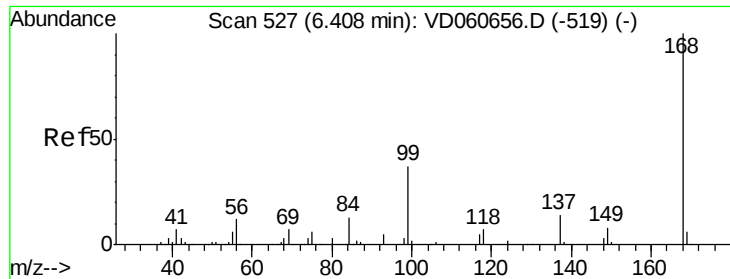
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122718\
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Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.37 min Scan# 523

Delta R.T. -0.04 min

Lab File: VD060739.D

Acq: 27 Dec 2018 21:10

Instrument :

MSVOA_D

ClientSampleId :

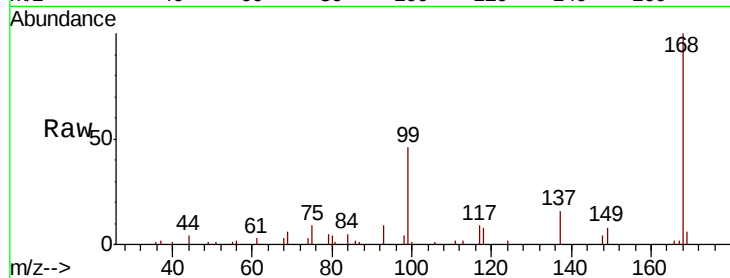
P001-SS025-1218-01RE

Tot Ion:168 Resp: 101564

Ion Ratio Lower Upper

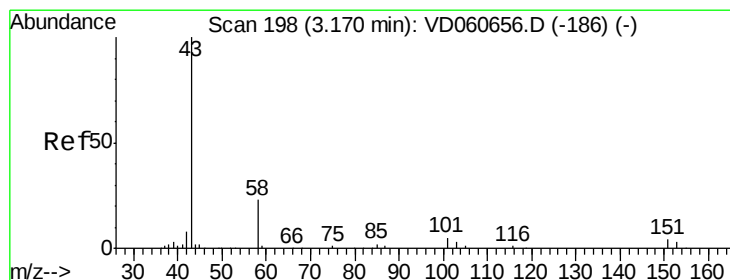
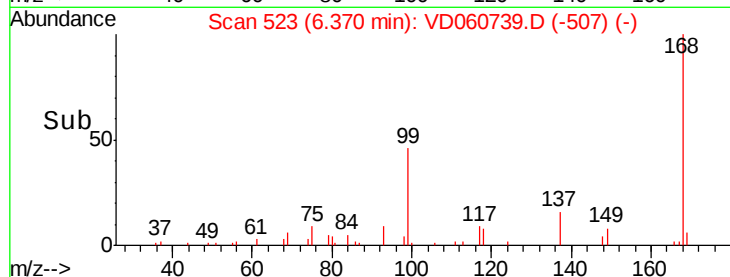
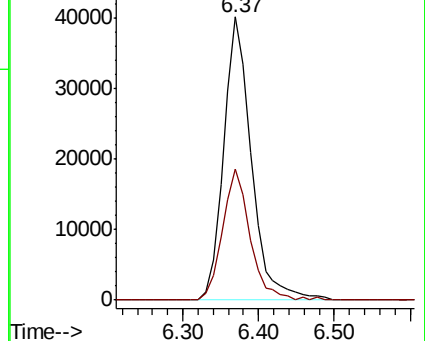
168 100

99 46.3 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 1366.626 ug/l

RT: 3.13 min Scan# 194

Delta R.T. -0.04 min

Lab File: VD060739.D

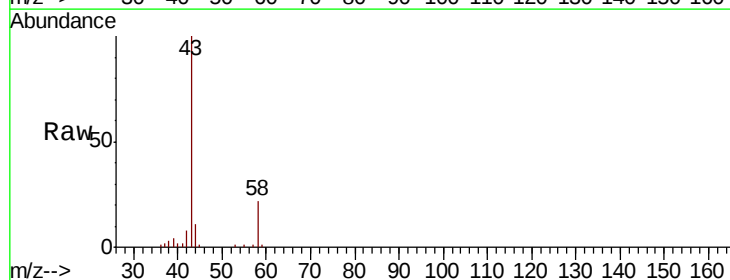
Acq: 27 Dec 2018 21:10

Tgt Ion: 43 Resp: 167512

Ion Ratio Lower Upper

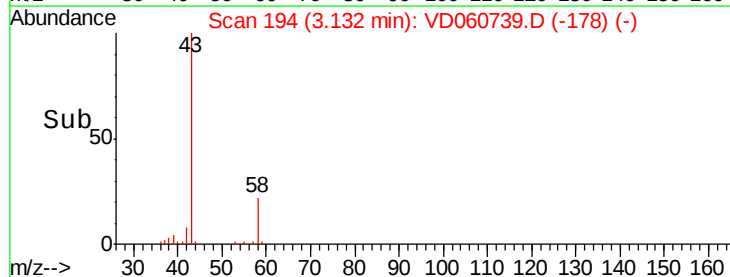
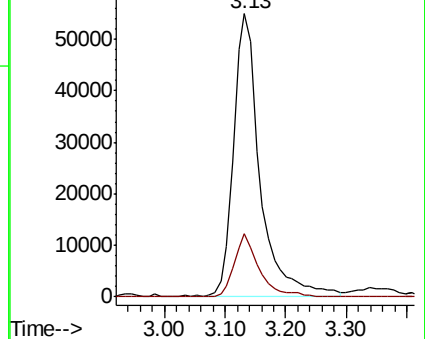
43 100

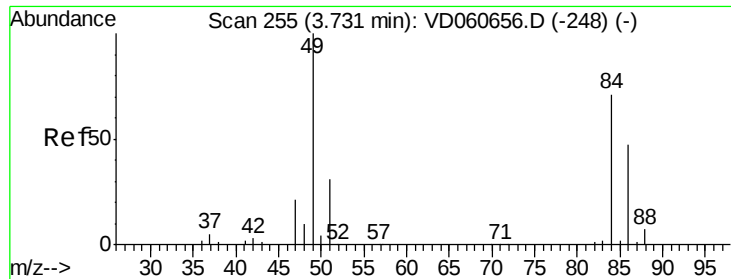
58 22.4 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

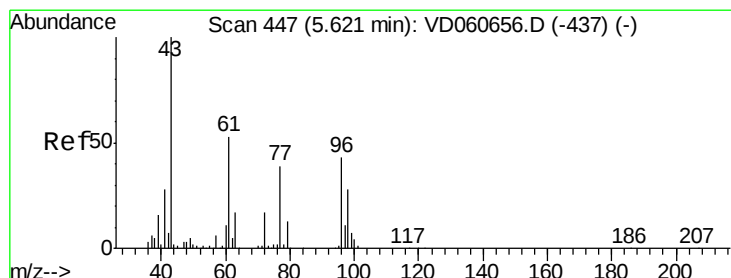
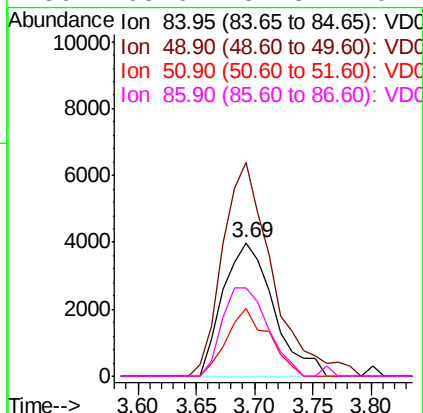
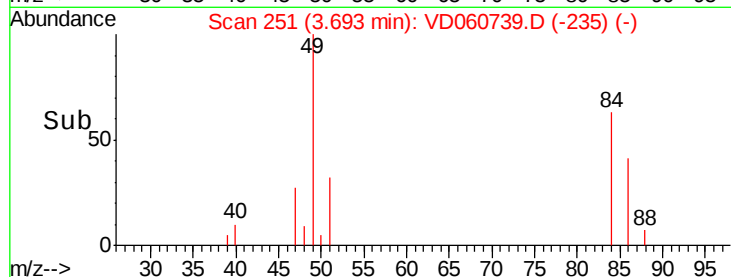
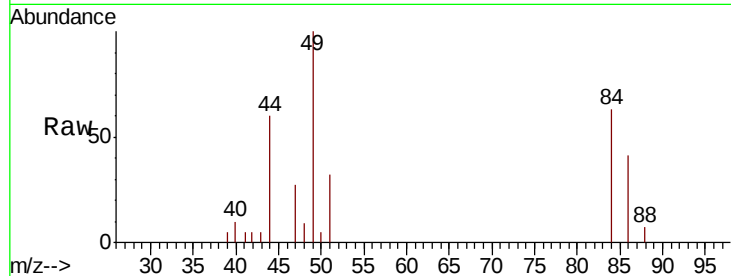




#20
Methvlene Chloride
Concen: 9.405 ug/l
RT: 3.69 min Scan# 251
Delta R.T. -0.04 min
Lab File: VD060739.D
Acq: 27 Dec 2018 21:10

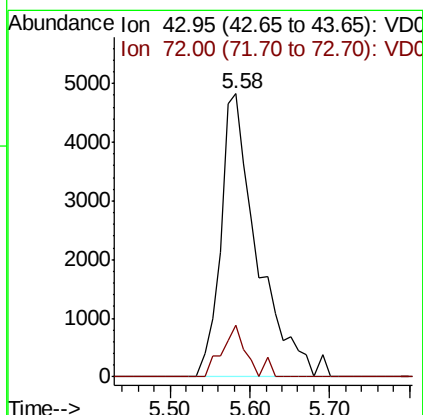
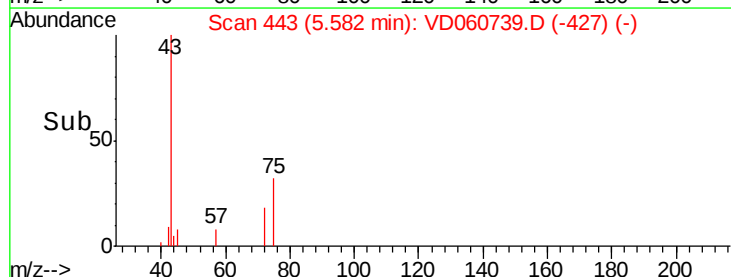
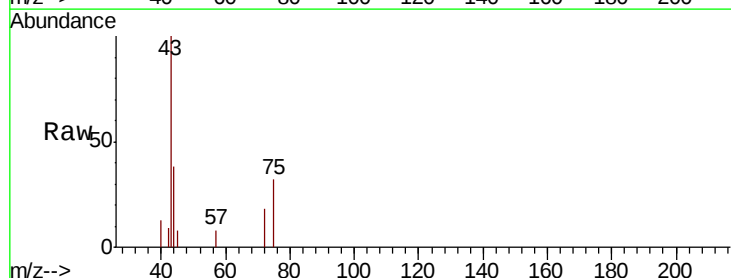
Instrument :
MSVOA_D
ClientSampleId :
P001-SS025-1218-01RE

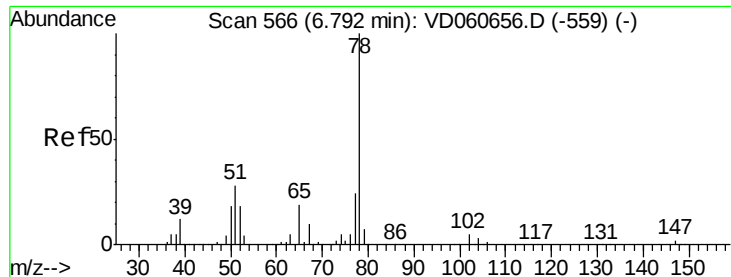
Tot Ion: 84 Resp: 11972
Ion Ratio Lower Upper
84 100
49 159.7 113.6 170.4
51 51.1 34.7 52.1
86 65.6 52.8 79.2



#25
2-Butanone
Concen: 66.190 ug/l
RT: 5.58 min Scan# 443
Delta R.T. -0.04 min
Lab File: VD060739.D
Acq: 27 Dec 2018 21:10

Tgt Ion: 43 Resp: 15525
Ion Ratio Lower Upper
43 100
72 18.2 13.7 20.5

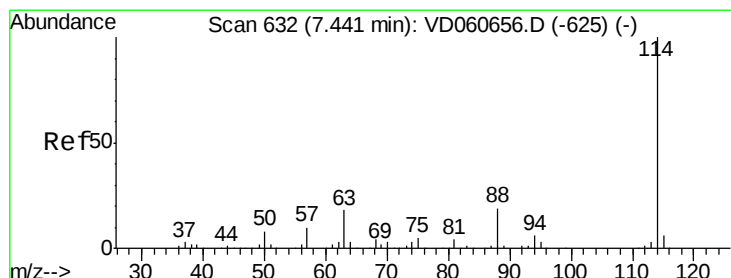
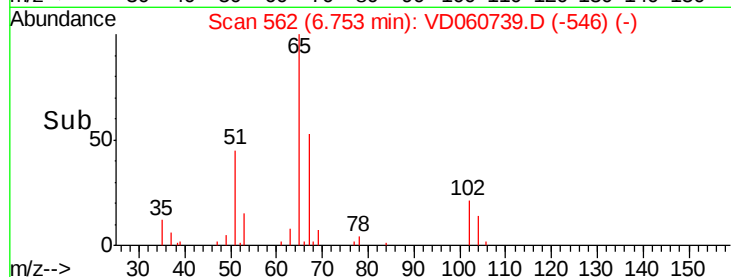
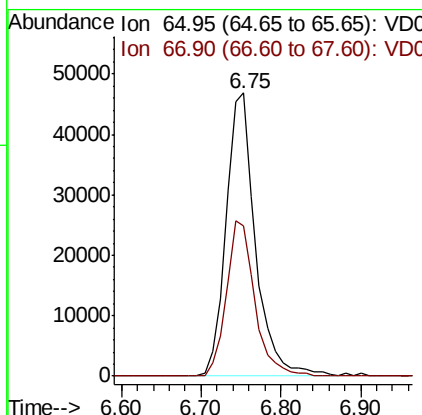
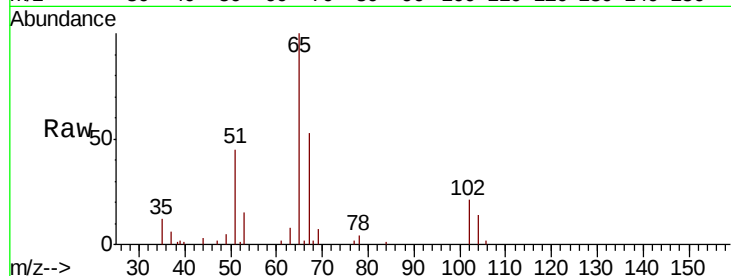




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.75 min Scan# 562
 Delta R.T. -0.04 min
 Lab File: VD060739.D
 Acq: 27 Dec 2018 21:10

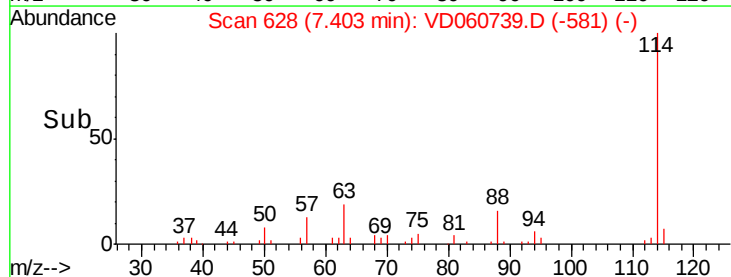
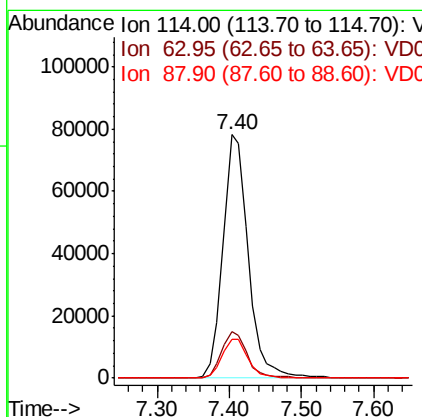
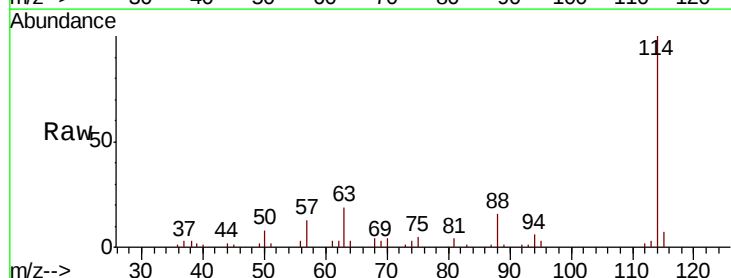
Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS025-1218-01RE

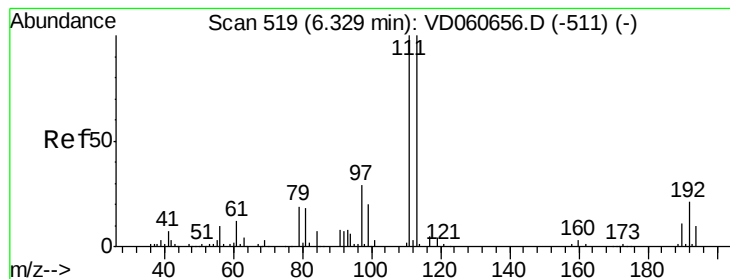
Tot Ion: 65 Resp: 121067
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.40 min Scan# 628
 Delta R.T. -0.04 min
 Lab File: VD060739.D
 Acq: 27 Dec 2018 21:10

Tgt Ion: 114 Resp: 189638
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 36.2
 88 16.0 0.0 37.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.29 min Scan# 515

Delta R.T. -0.04 min

Lab File: VD060739.D

Acq: 27 Dec 2018 21:10

Instrument :

MSVOA_D

ClientSampleId :

P001-SS025-1218-01RE

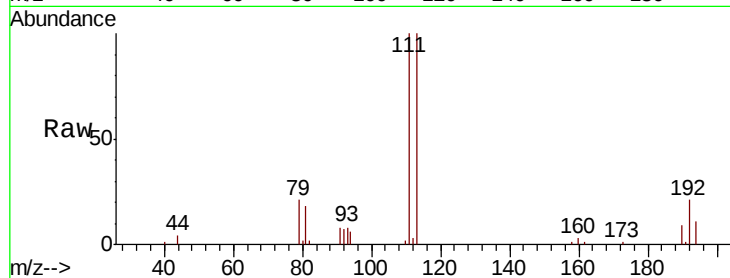
Tot Ion:113 Resp: 105298

Ion Ratio Lower Upper

113 100

111 100.4 80.0 120.0

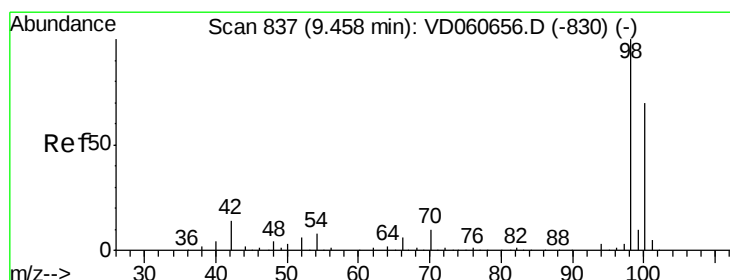
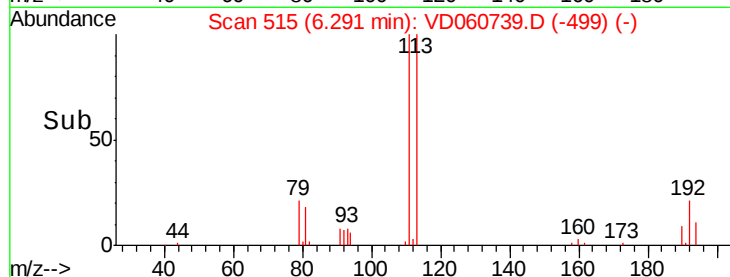
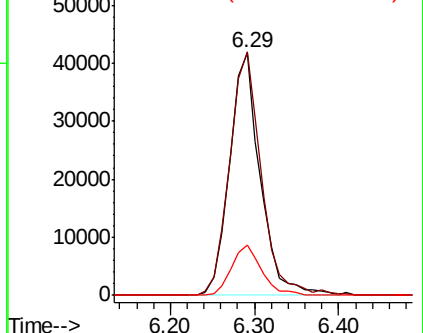
192 20.7 16.6 25.0



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: 9.42 min Scan# 833

Delta R.T. -0.04 min

Lab File: VD060739.D

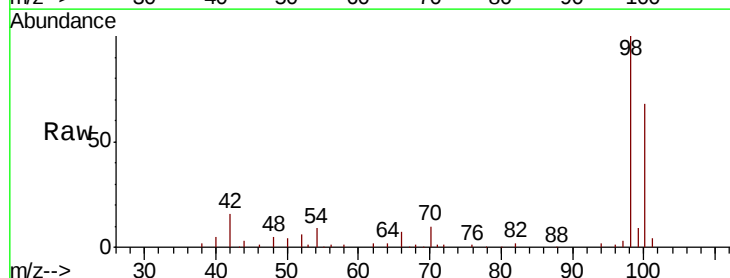
Acq: 27 Dec 2018 21:10

Tgt Ion: 98 Resp: 180511

Ion Ratio Lower Upper

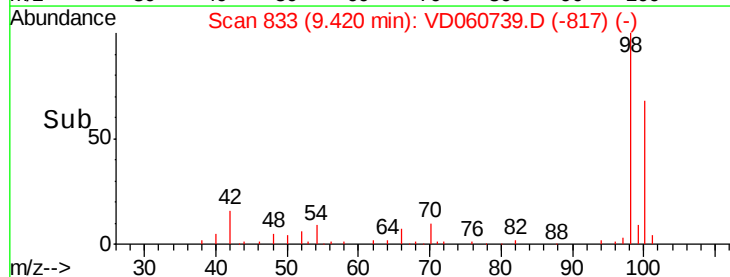
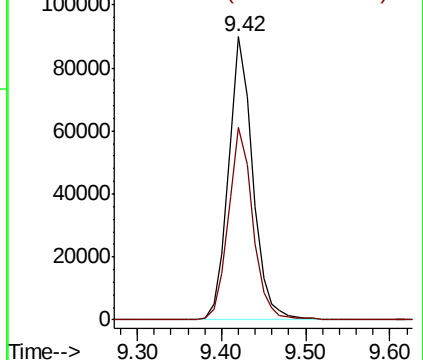
98 100

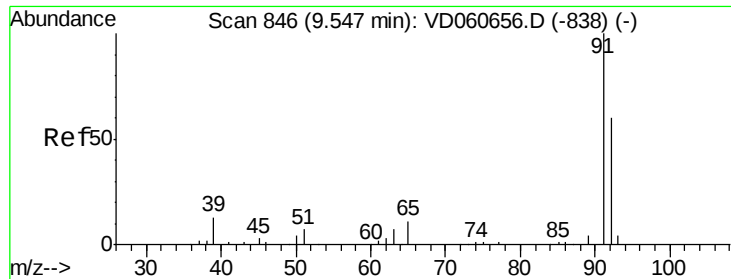
100 68.2 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 2.145 ug/l

RT: 9.52 min Scan# 843

Delta R.T. -0.03 min

Lab File: VD060739.D

Acq: 27 Dec 2018 21:10

Instrument :

MSVOA_D

ClientSampleId :

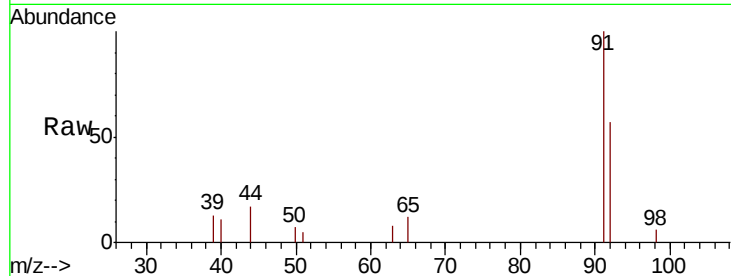
P001-SS025-1218-01RE

Tot Ion: 92 Resp: 6782

Ion Ratio Lower Upper

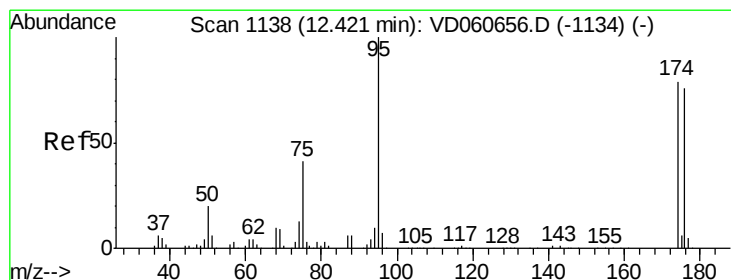
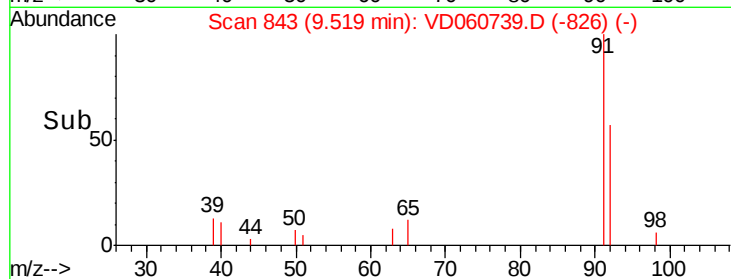
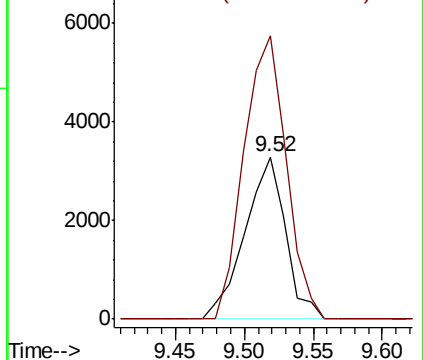
92 100

91 174.5 132.6 199.0



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: 12.40 min Scan# 1136

Delta R.T. -0.02 min

Lab File: VD060739.D

Acq: 27 Dec 2018 21:10

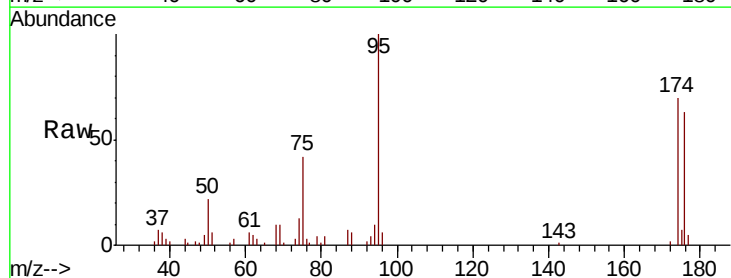
Tgt Ion: 95 Resp: 61034

Ion Ratio Lower Upper

95 100

174 69.6 0.0 158.2

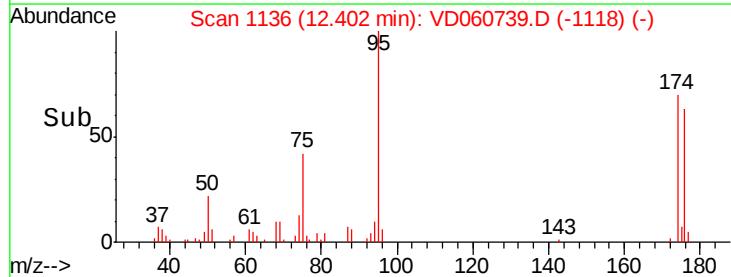
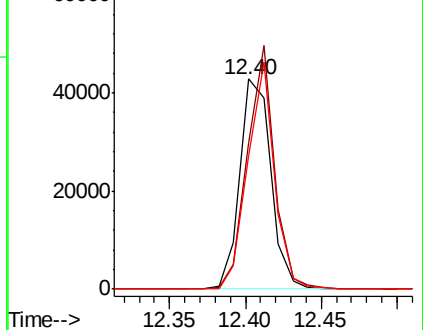
176 63.4 0.0 152.4

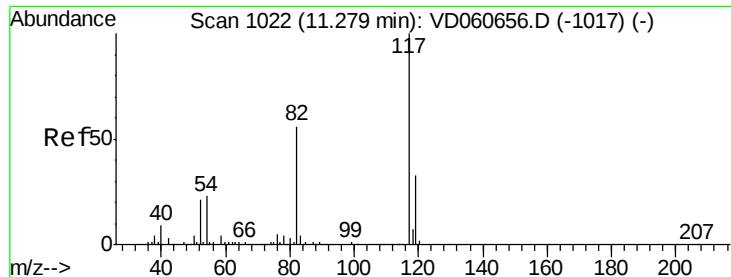


Abundance Ion 95.00 (94.70 to 95.70): VDC

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: 11.26 min Scan# 1020

Delta R.T. -0.02 min

Lab File: VD060739.D

Acq: 27 Dec 2018 21:10

Instrument :

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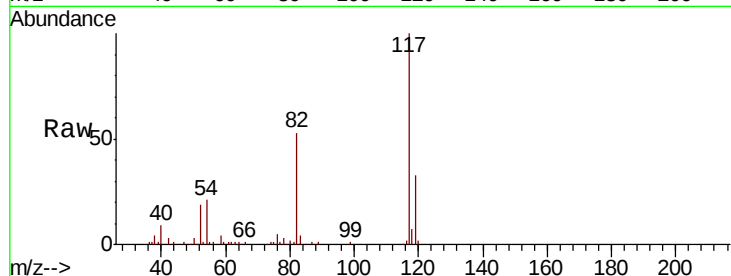
Tot Ion:117 Resp: 167950

Ion Ratio Lower Upper

117 100

82 53.0 44.5 66.7

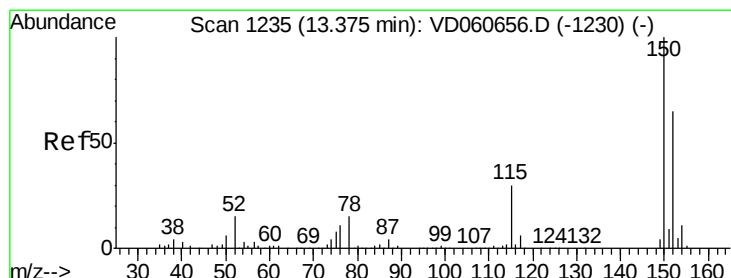
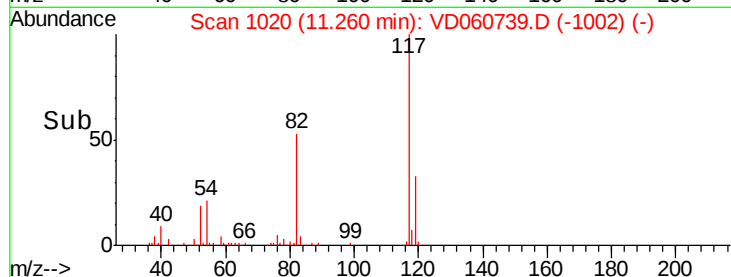
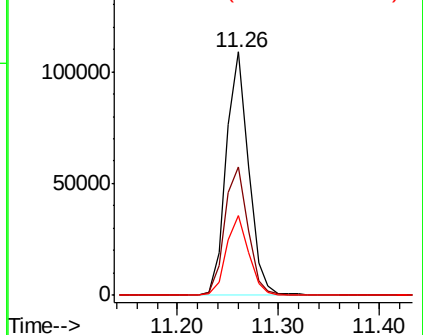
119 32.9 26.3 39.5



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# 1233

Delta R.T. -0.02 min

Lab File: VD060739.D

Acq: 27 Dec 2018 21:10

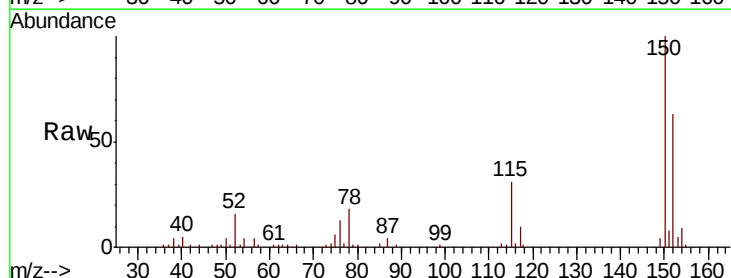
Tgt Ion:152 Resp: 73367

Ion Ratio Lower Upper

152 100

115 49.3 24.1 72.3

150 157.9 0.0 315.0



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

