

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122718\
 Data File : VD060726.D
 Acq On : 27 Dec 2018 15:07
 Operator : VA/AP
 Sample : J6446-09RE
 Misc : 3.27g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS021-0612-01RE

Quant Time: Dec 28 01:58:11 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

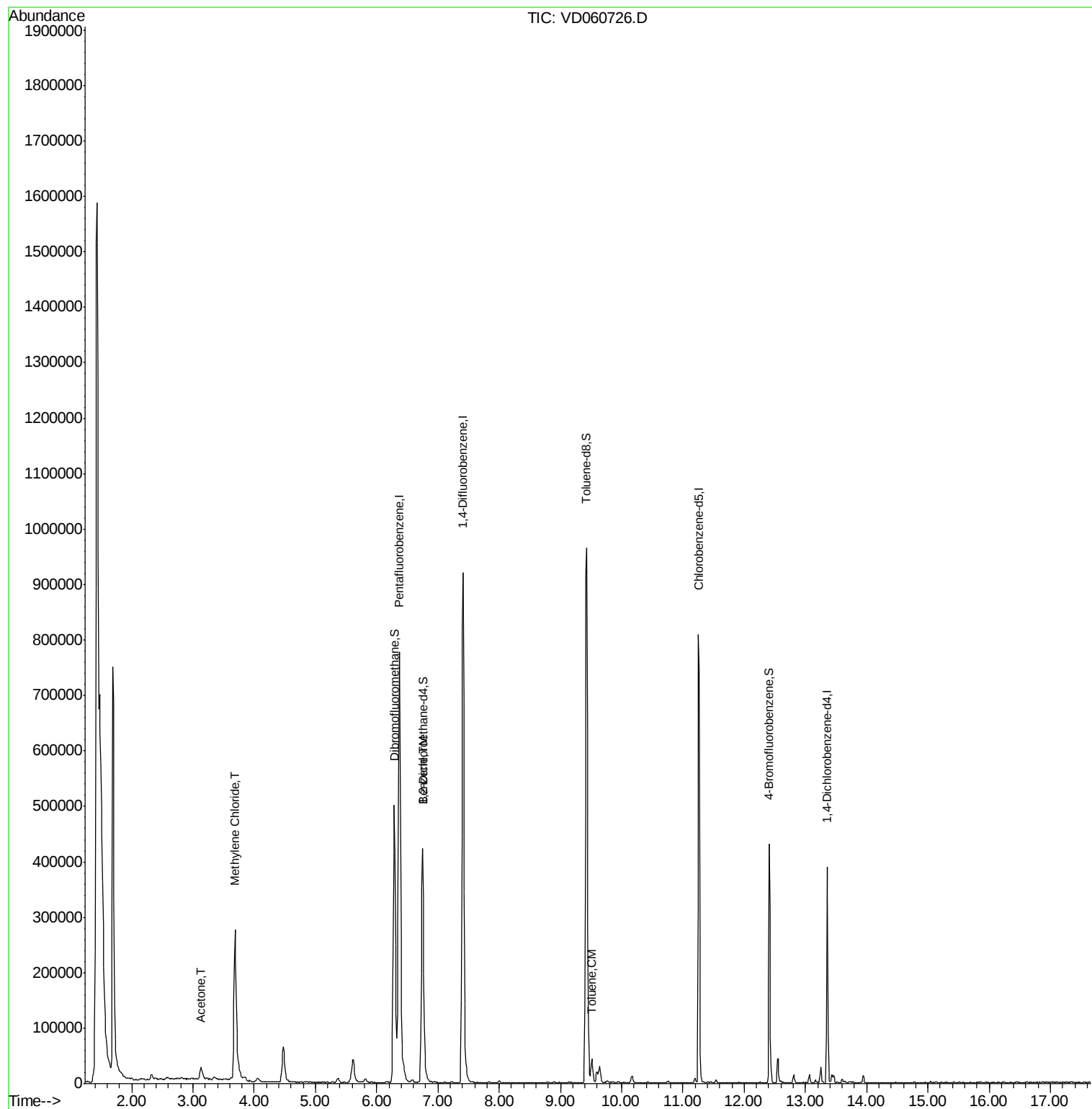
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	808708	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.41	114	975591	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.26	117	453757	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	95702	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	299576	53.60	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	107.20%	
35) Dibromofluoromethane	6.29	113	394350	55.23	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	110.46%	
50) Toluene-d8	9.43	98	791751	37.16	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	74.32%	
62) 4-Bromofluorobenzene	12.41	95	117545	15.75	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	31.50%	
Target Compounds						
16) Acetone	3.13	43	47589	48.759	ug/l	91
20) Methylene Chloride	3.69	84	175454	17.310	ug/l	96
40) Benzene	6.76	78	62317	2.401	ug/l	98
52) Toluene	9.51	92	22586	1.388	ug/l	87

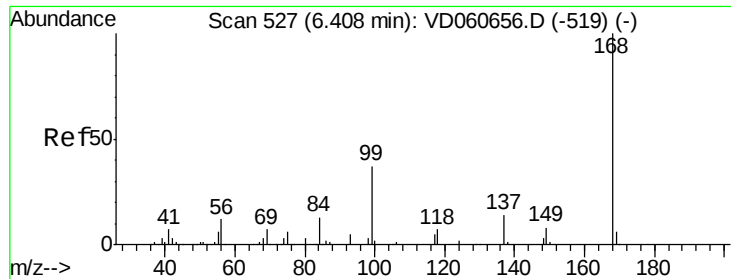
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: 6.38 min Scan# 523

Delta R.T. -0.03 min

Lab File: VD060726.D

Acq: 27 Dec 2018 15:07

Instrument :

MSVOA_D

ClientSampleId :

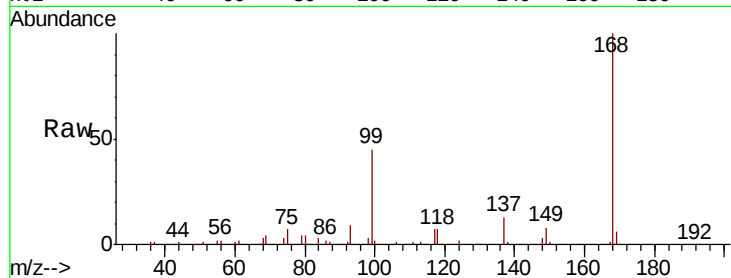
P001-SS021-0612-01RE

Tot Ion:168 Resp: 808708

Ion Ratio Lower Upper

168 100

99 45.2 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.38

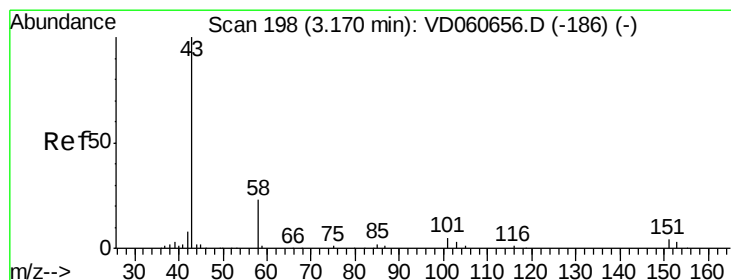
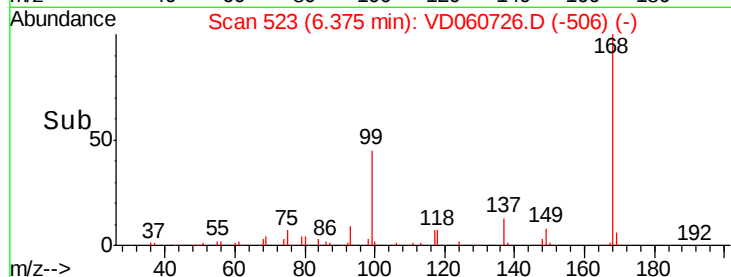
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 48.759 ug/l

RT: 3.13 min Scan# 193

Delta R.T. -0.04 min

Lab File: VD060726.D

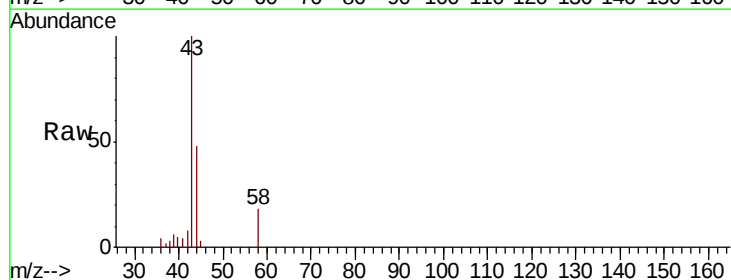
Acq: 27 Dec 2018 15:07

Tgt Ion: 43 Resp: 47589

Ion Ratio Lower Upper

43 100

58 18.3 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.13

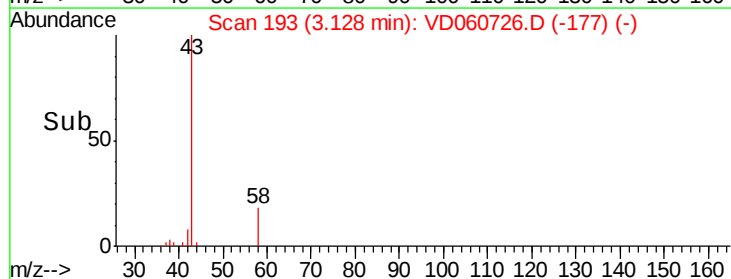
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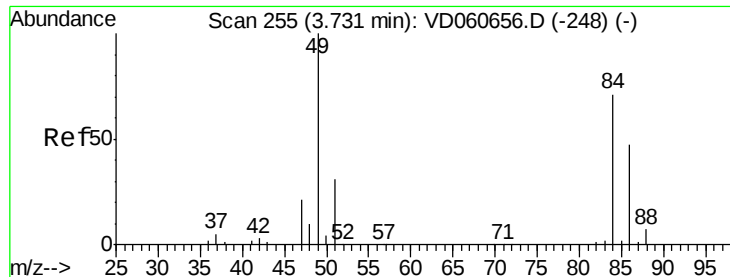
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5000

0

Time-->

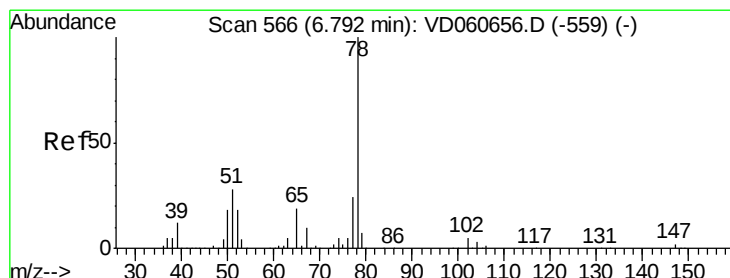
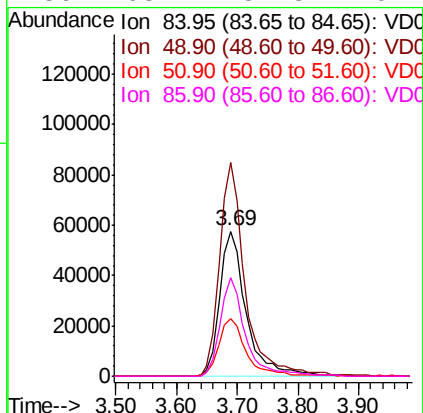
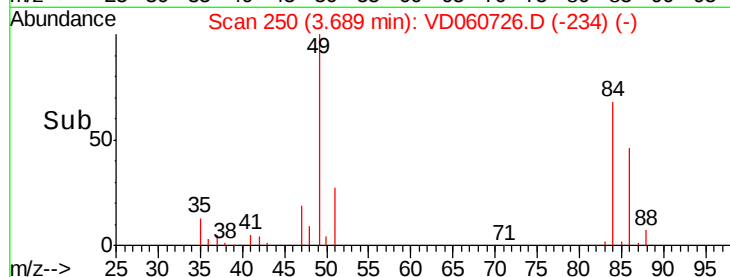
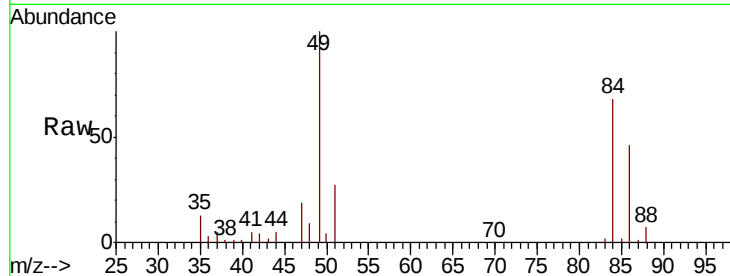




#20
Methvlene Chloride
Concen: 17.310 ug/l
RT: 3.69 min Scan# 250
Delta R.T. -0.04 min
Lab File: VD060726.D
Acq: 27 Dec 2018 15:07

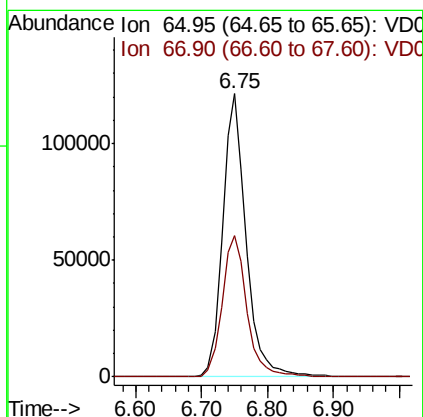
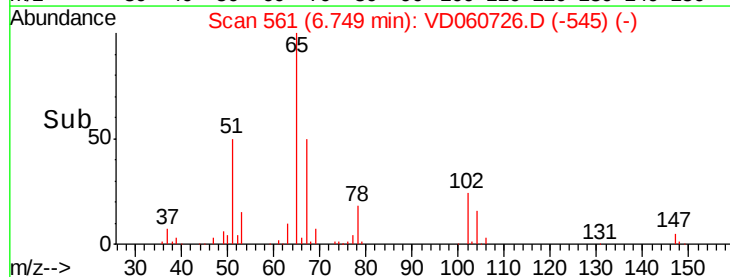
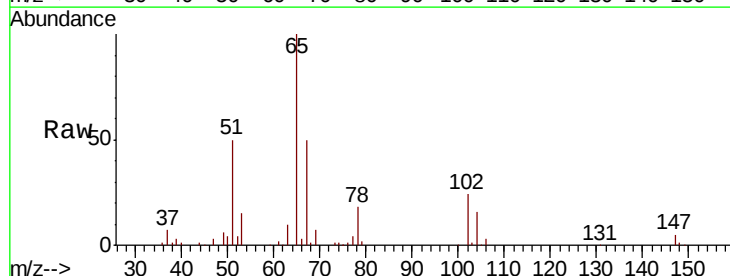
Instrument :
MSVOA_D
ClientSampleId :
P001-SS021-0612-01RE

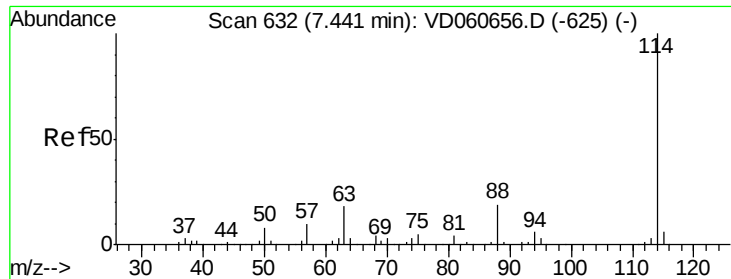
Tot Ion: 84 Resp: 175454
Ion Ratio Lower Upper
84 100
49 147.5 113.6 170.4
51 39.5 34.7 52.1
86 68.4 52.8 79.2



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.75 min Scan# 561
Delta R.T. -0.04 min
Lab File: VD060726.D
Acq: 27 Dec 2018 15:07

Tgt Ion: 65 Resp: 299576
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4

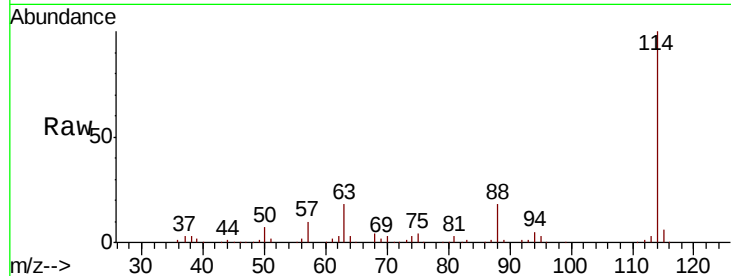




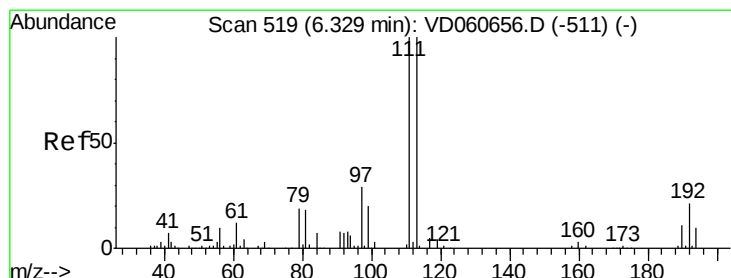
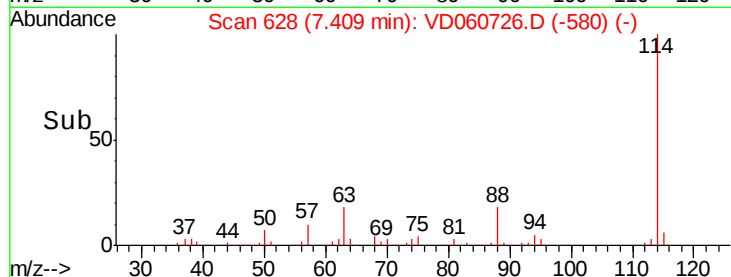
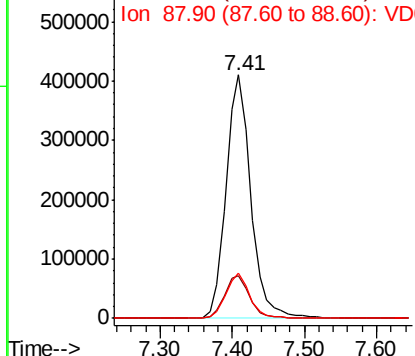
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.41 min Scan# 628
 Delta R.T. -0.03 min
 Lab File: VD060726.D
 Acq: 27 Dec 2018 15:07

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS021-0612-01RE

Tot Ion:114 Resp: 975591
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.2
 88 18.4 0.0 37.0

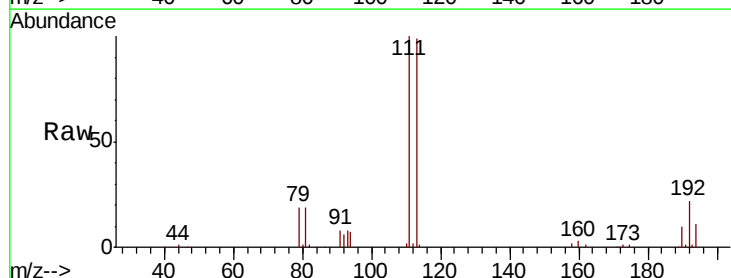


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

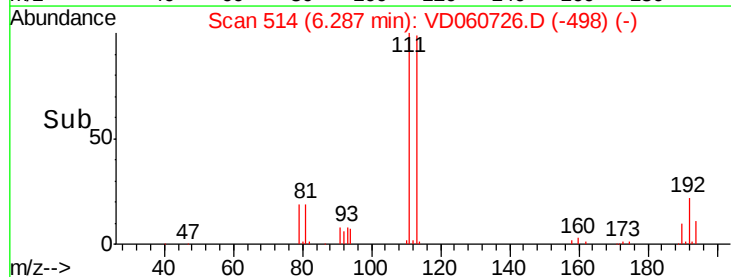
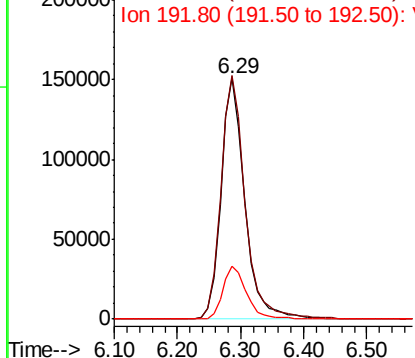


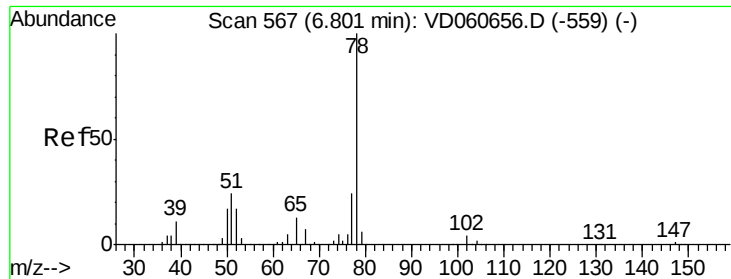
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.29 min Scan# 514
 Delta R.T. -0.04 min
 Lab File: VD060726.D
 Acq: 27 Dec 2018 15:07

Tgt Ion:113 Resp: 394350
 Ion Ratio Lower Upper
 113 100
 111 101.1 80.0 120.0
 192 22.2 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

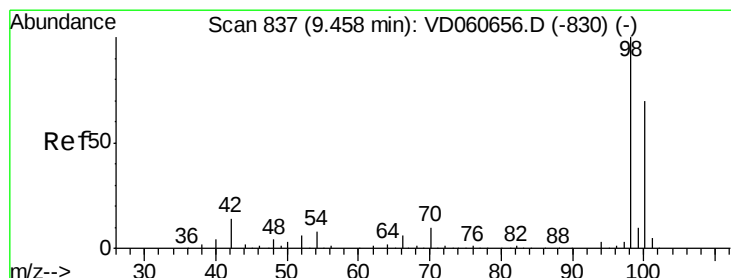
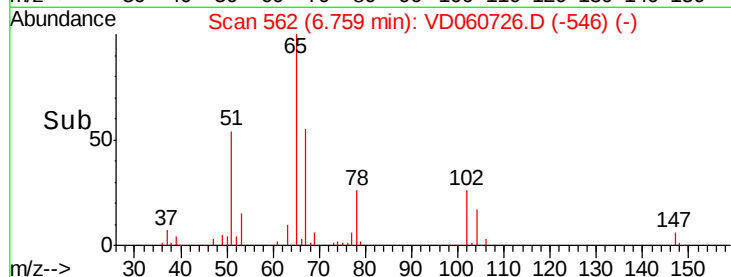
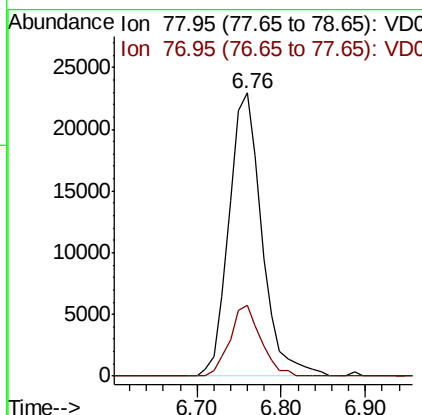
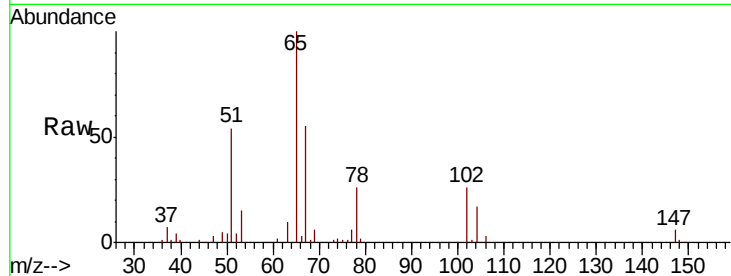




#40
Benzene
Concen: 2.401 ug/l
RT: 6.76 min Scan# 562
Delta R.T. -0.04 min
Lab File: VD060726.D
Acq: 27 Dec 2018 15:07

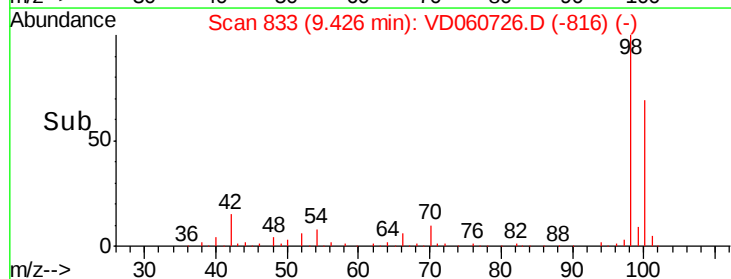
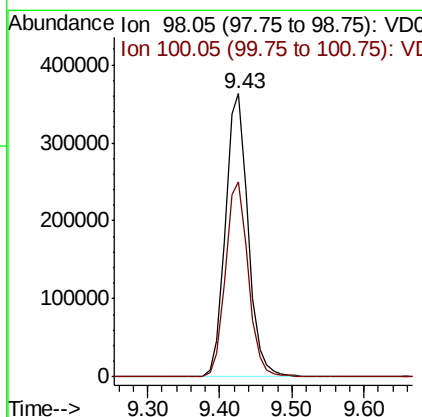
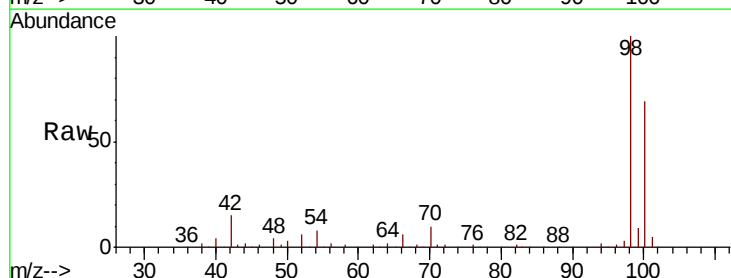
Instrument :
MSVOA_D
ClientSampleId :
P001-SS021-0612-01RE

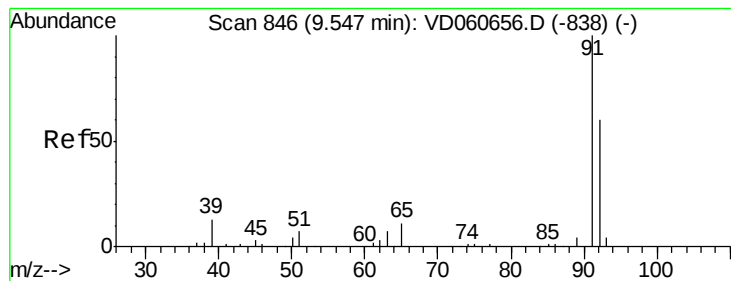
Tot Ion: 78 Resp: 62317
Ion Ratio Lower Upper
78 100
77 24.9 19.2 28.8



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 833
Delta R.T. -0.03 min
Lab File: VD060726.D
Acq: 27 Dec 2018 15:07

Tgt Ion: 98 Resp: 791751
Ion Ratio Lower Upper
98 100
100 68.7 55.8 83.8





#52

Toluene

Concen: 1.388 ug/l

RT: 9.51 min Scan# 842

Delta R.T. -0.03 min

Lab File: VD060726.D

Acq: 27 Dec 2018 15:07

Instrument :

MSVOA_D

ClientSampleId :

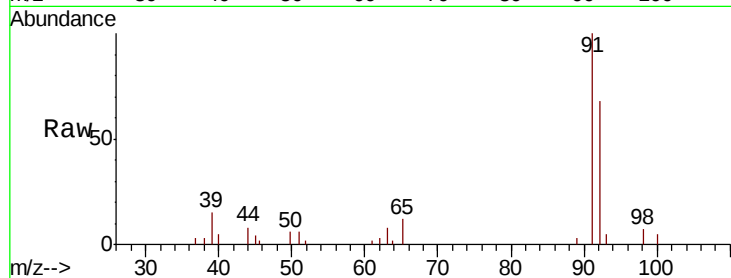
P001-SS021-0612-01RE

Tot Ion: 92 Resp: 22586

Ion Ratio Lower Upper

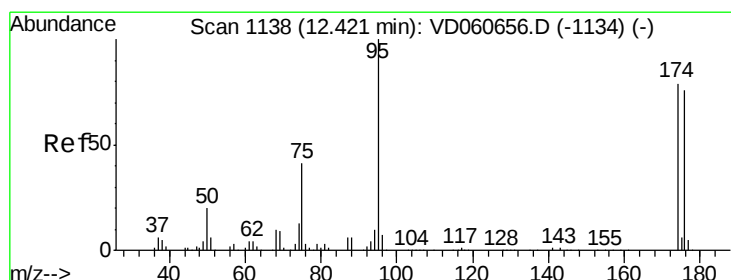
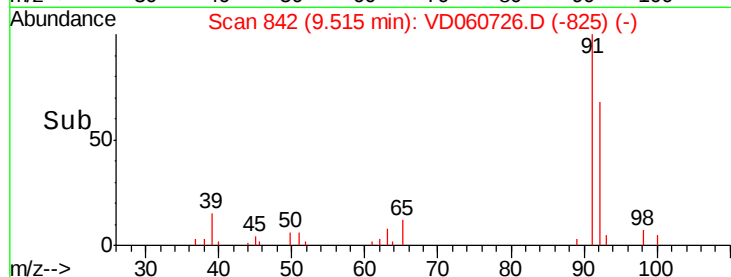
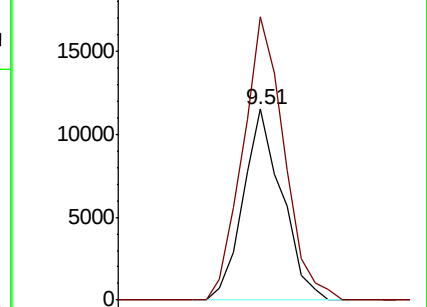
92 100

91 148.1 132.6 199.0



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: 12.41 min Scan# 1136

Delta R.T. -0.01 min

Lab File: VD060726.D

Acq: 27 Dec 2018 15:07

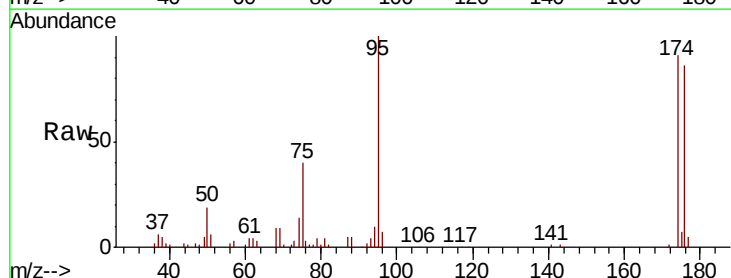
Tgt Ion: 95 Resp: 117545

Ion Ratio Lower Upper

95 100

174 90.9 0.0 158.2

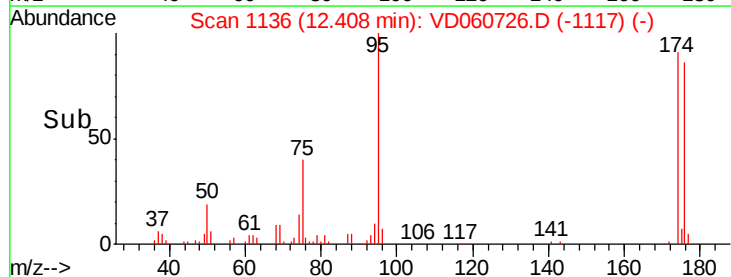
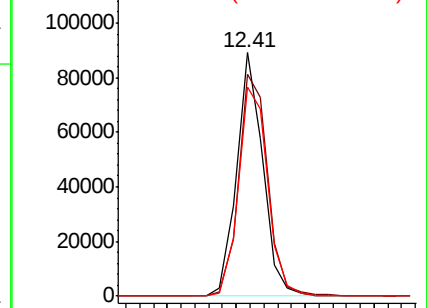
176 86.1 0.0 152.4

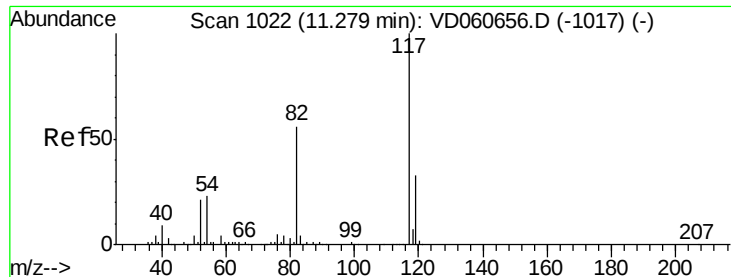


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

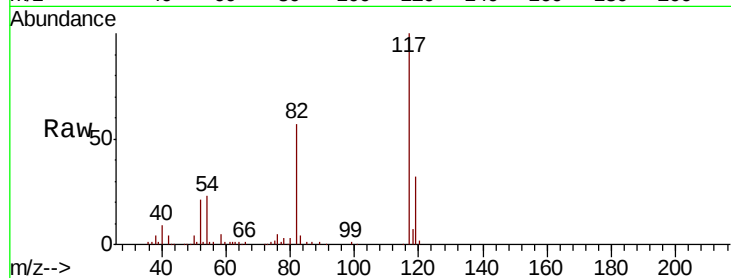




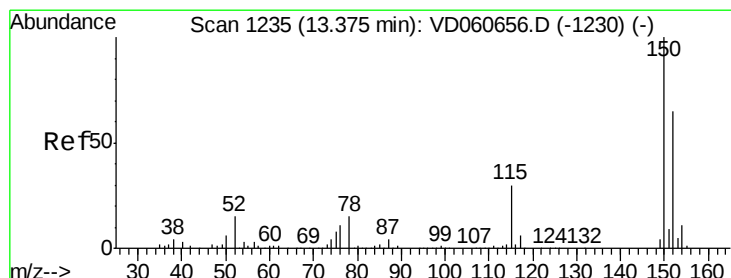
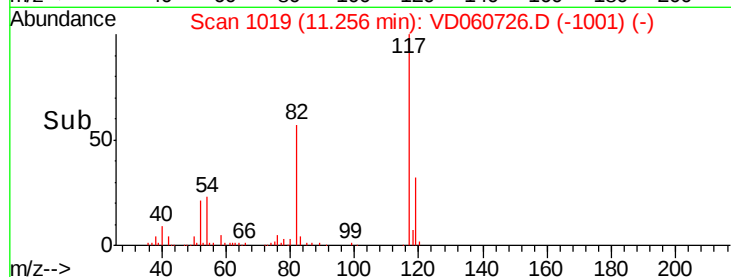
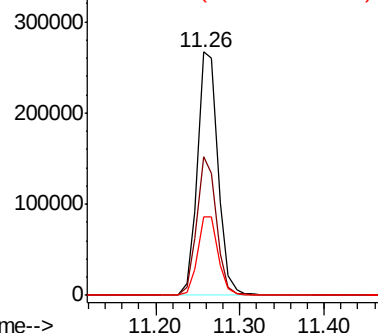
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 1019
Delta R.T. -0.02 min
Lab File: VD060726.D
Acq: 27 Dec 2018 15:07

Instrument :
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P001-SS021-0612-01RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.5	66.7
119	32.0	26.3	39.5

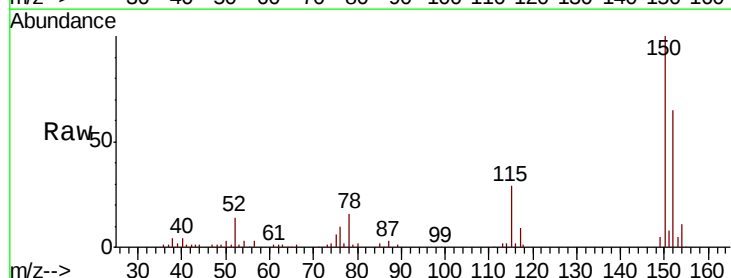


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1233
Delta R.T. -0.01 min
Lab File: VD060726.D
Acq: 27 Dec 2018 15:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	44.1	24.1	72.3
150	152.9	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

