

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041719\
 Data File : VD061862.D
 Acq On : 17 Apr 2019 19:39
 Operator : VA/AP
 Sample : K2358-06
 Misc : 5.87g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9-S2

Quant Time: Apr 18 01:25:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

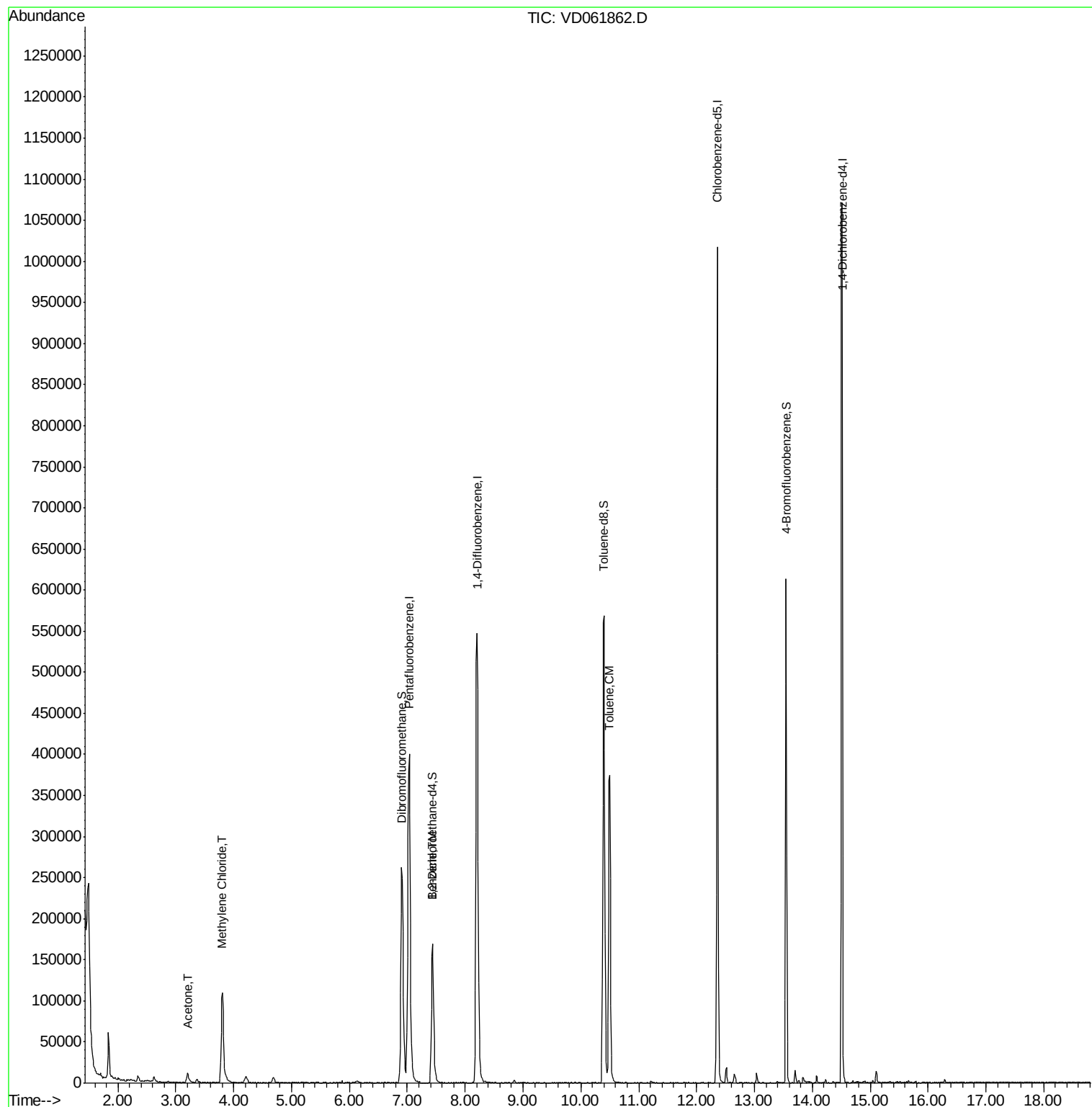
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	429410	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	8.20	114	714406	50.00	ug/l	-0.06
63) Chlorobenzene-d5	12.36	117	595617	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	14.51	152	280222	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	160566	44.62	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	89.24%	
35) Dibromofluoromethane	6.90	113	255666	47.37	ug/l	-0.07
Spiked Amount 50.000			Recovery	=	94.74%	
50) Toluene-d8	10.40	98	535086	41.84	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	83.68%	
62) 4-Bromofluorobenzene	13.55	95	196604	37.93	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	75.86%	
Target Compounds						
16) Acetone	3.20	43	24820	27.982	ug/l	94
20) Methylene Chloride	3.80	84	80405	15.029	ug/l	97
40) Benzene	7.45	78	26930	1.921	ug/l	96
52) Toluene	10.50	92	211486	23.547	ug/l	99

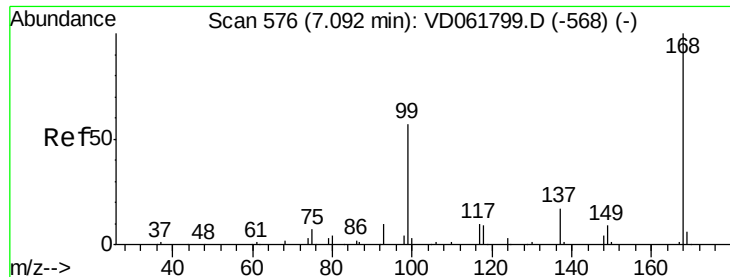
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041719\
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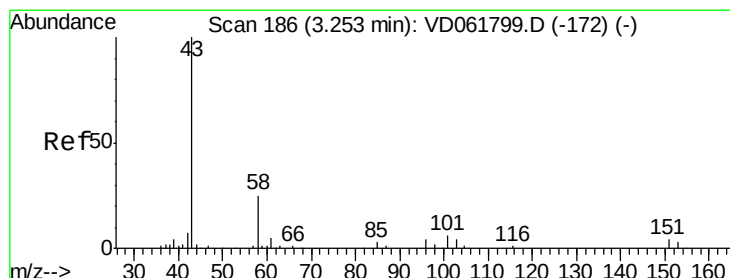
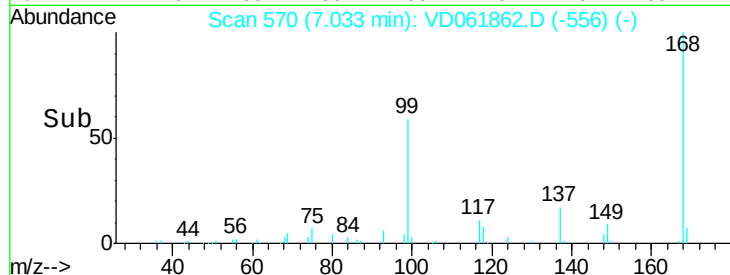
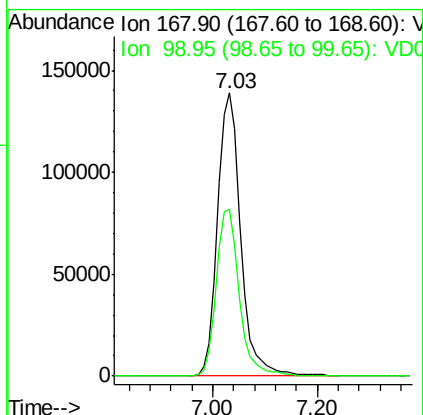
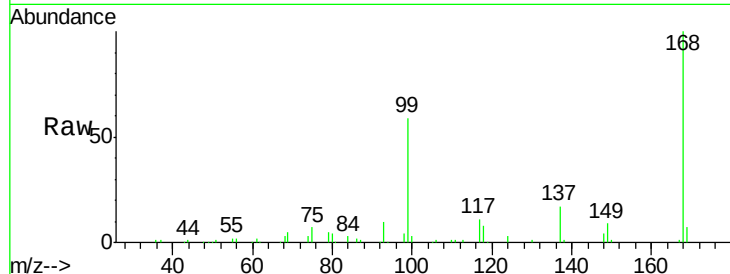




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.06 min
Lab File: VD061862.D
Acq: 17 Apr 2019 19:39

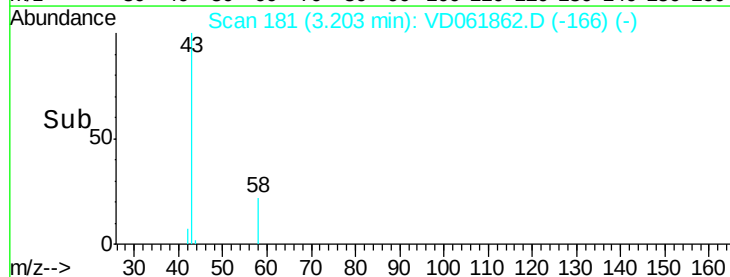
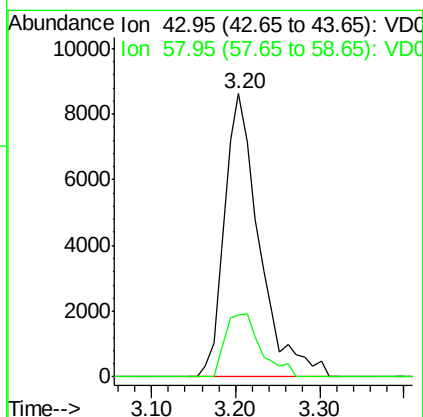
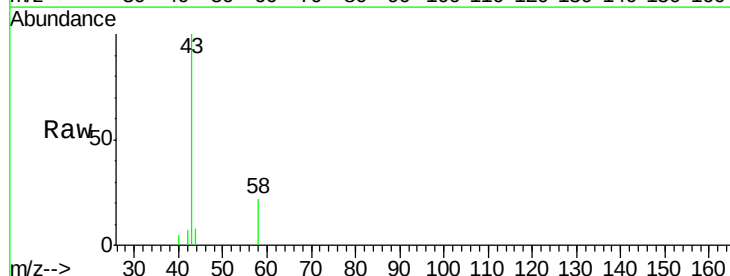
Instrument :
MSVOA_D
ClientSampleId :
TP-9-S2

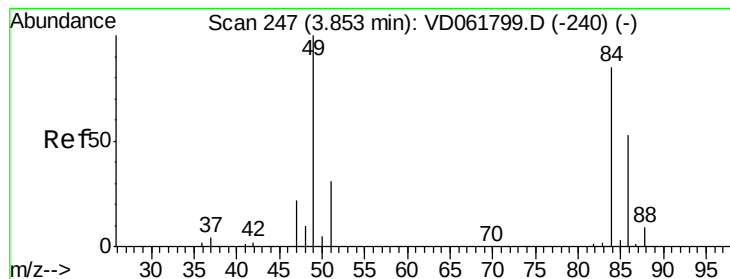
Tot Ion:168 Resp: 429410
Ion Ratio Lower Upper
168 100
99 59.0 46.5 69.7



#16
Acetone
Concen: 27.982 ug/l
RT: 3.20 min Scan# 181
Delta R.T. -0.05 min
Lab File: VD061862.D
Acq: 17 Apr 2019 19:39

Tgt Ion: 43 Resp: 24820
Ion Ratio Lower Upper
43 100
58 22.0 19.9 29.9





#20

Methylene Chloride

Concen: 15.029 ug/l

RT: 3.80 min Scan# 242

Delta R.T. -0.05 min

Lab File: VD061862.D

Acq: 17 Apr 2019 19:39

Instrument :

MSVOA_D

ClientSampleID :

TP-9-S2

Tot Ion: 84 Resp: 80405

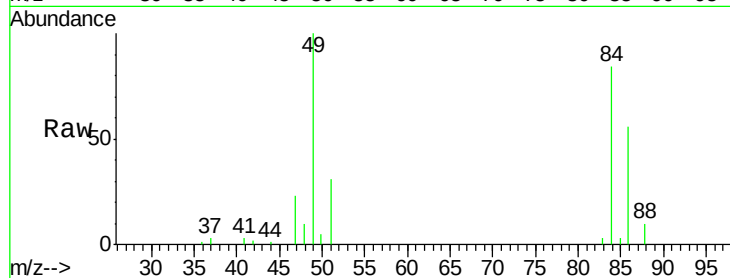
Ion Ratio Lower Upper

84 100

49 119.3 94.0 141.0

51 37.2 29.0 43.4

86 66.9 49.8 74.6

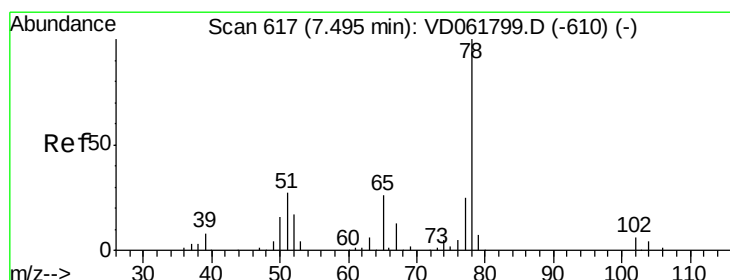
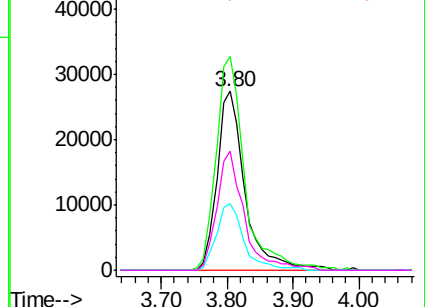
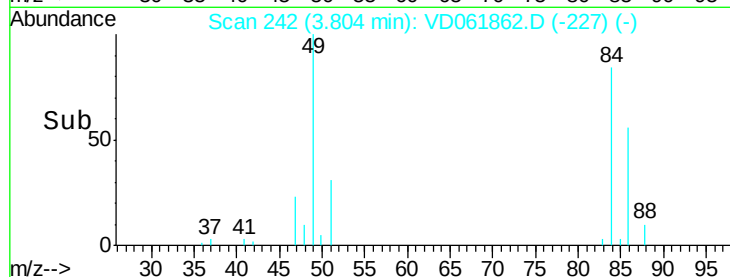


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.06 min

Lab File: VD061862.D

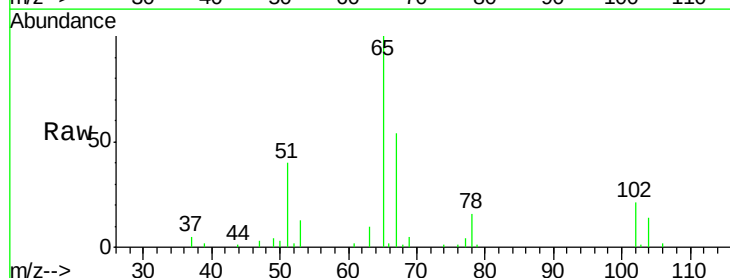
Acq: 17 Apr 2019 19:39

Tgt Ion: 65 Resp: 160566

Ion Ratio Lower Upper

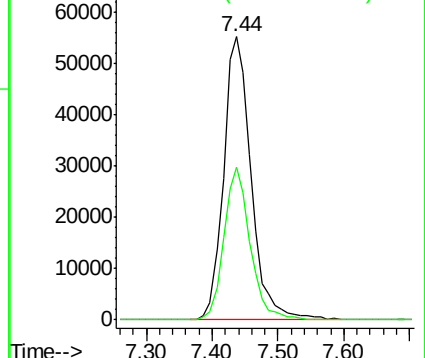
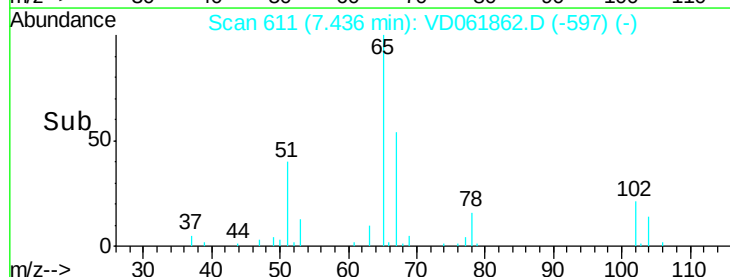
65 100

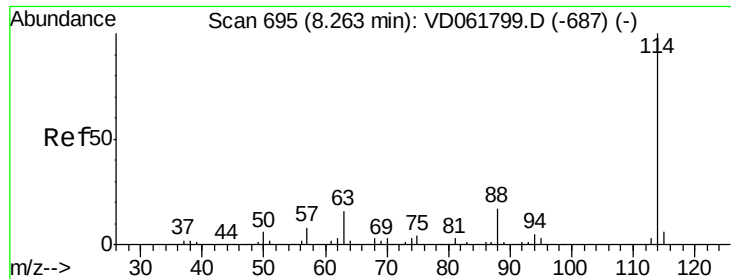
67 54.0 0.0 98.0



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: 8.20 min Scan# 689

Delta R.T. -0.06 min

Lab File: VD061862.D

Acq: 17 Apr 2019 19:39

Instrument :

MSVOA_D

ClientSampleId :

TP-9-S2

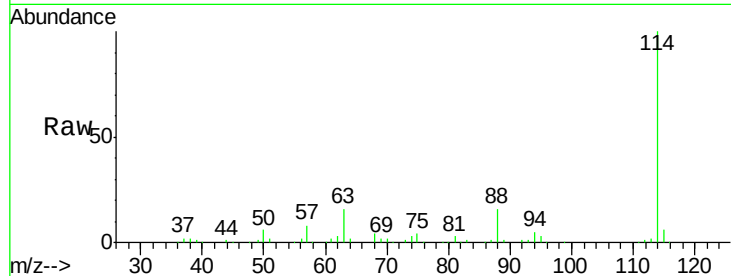
Tot Ion:114 Resp: 714406

Ion Ratio Lower Upper

114 100

63 16.1 0.0 32.4

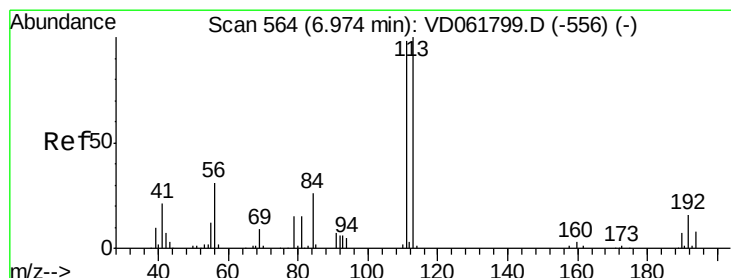
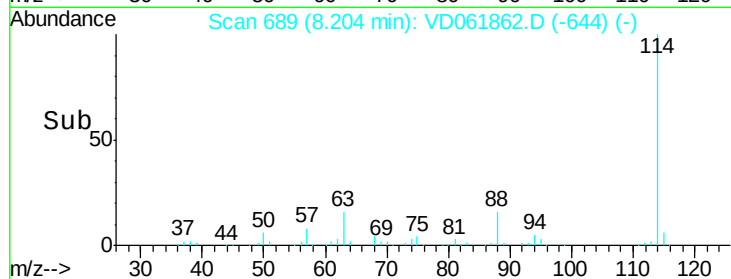
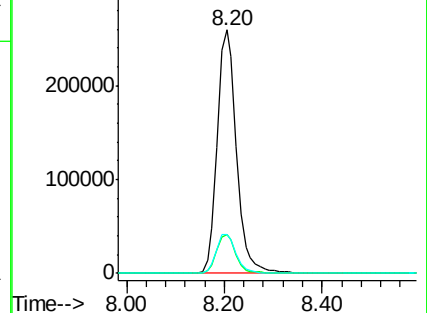
88 15.8 0.0 33.6



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: 6.90 min Scan# 557

Delta R.T. -0.07 min

Lab File: VD061862.D

Acq: 17 Apr 2019 19:39

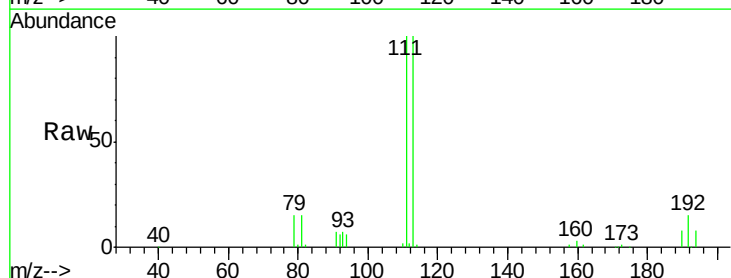
Tgt Ion:113 Resp: 255666

Ion Ratio Lower Upper

113 100

111 99.5 78.5 117.7

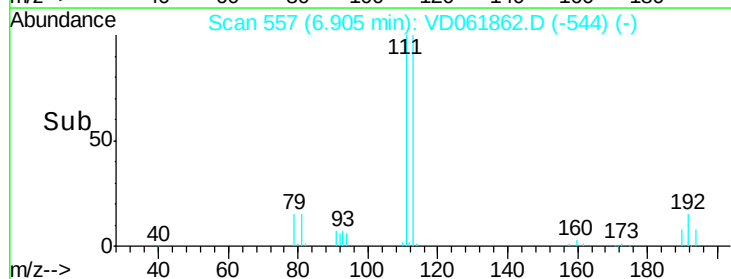
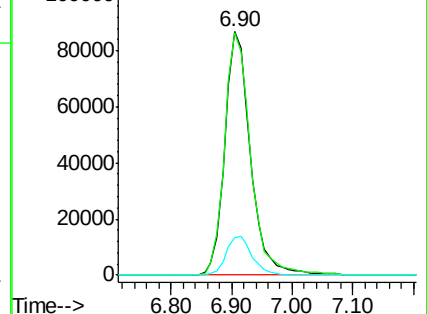
192 15.4 13.0 19.4

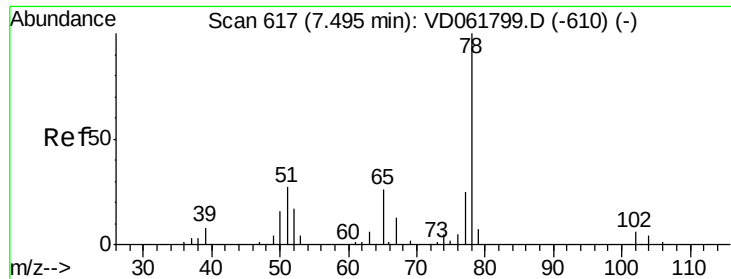


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

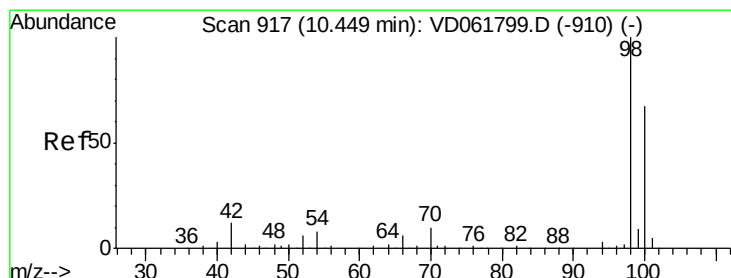
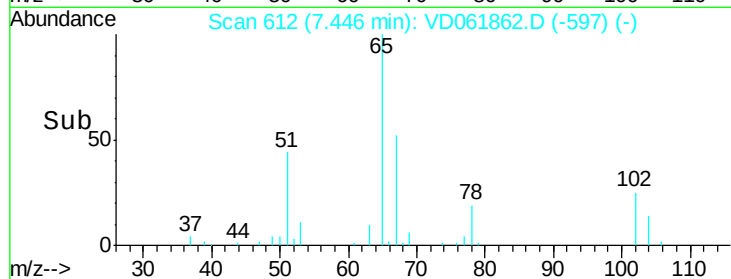
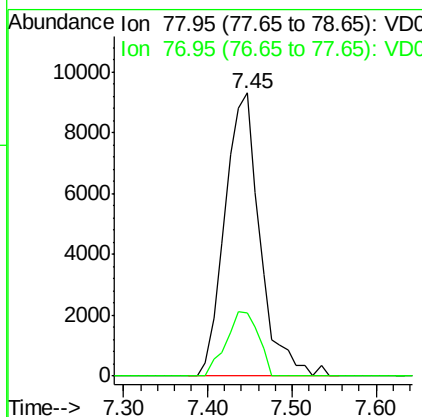
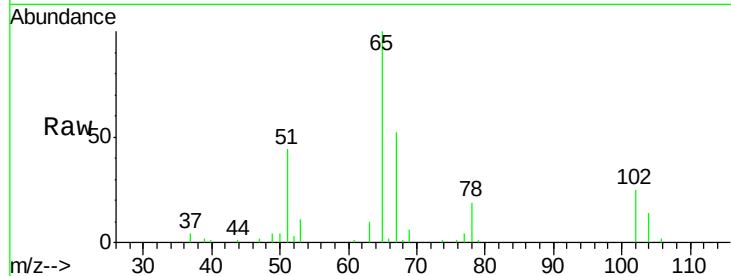




#40
Benzene
Concen: 1.921 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.05 min
Lab File: VD061862.D
Acq: 17 Apr 2019 19:39

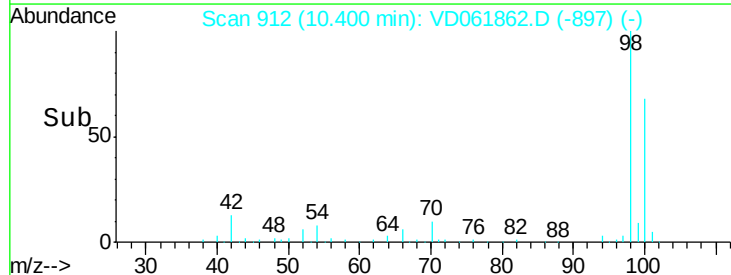
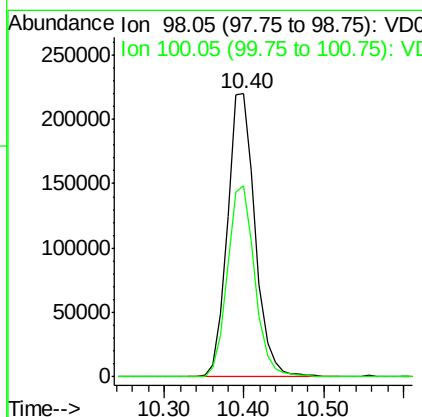
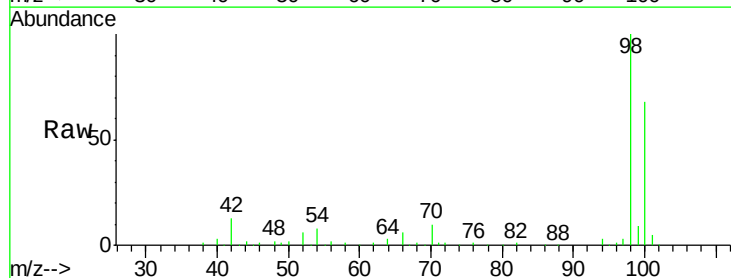
Instrument :
MSVOA_D
ClientSampleId :
TP-9-S2

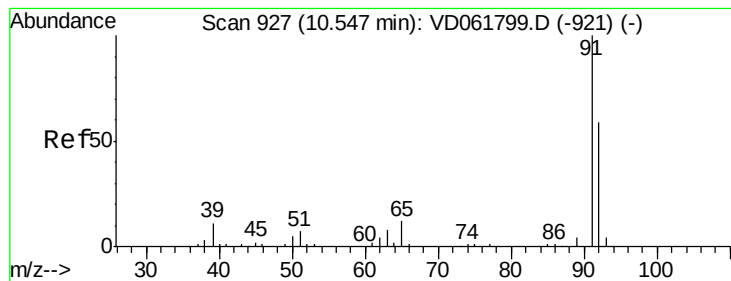
Tot Ion: 78 Resp: 26930
Ion Ratio Lower Upper
78 100
77 22.4 19.7 29.5



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.05 min
Lab File: VD061862.D
Acq: 17 Apr 2019 19:39

Tgt Ion: 98 Resp: 535086
Ion Ratio Lower Upper
98 100
100 67.8 53.8 80.8





#52

Toluene

Concen: 23.547 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.05 min

Lab File: VD061862.D

Acq: 17 Apr 2019 19:39

Instrument :

MSVOA_D

ClientSampleId :

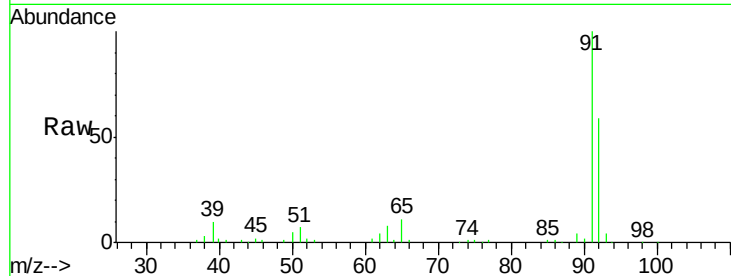
TP-9-S2

Tot Ion: 92 Resp: 211486

Ion Ratio Lower Upper

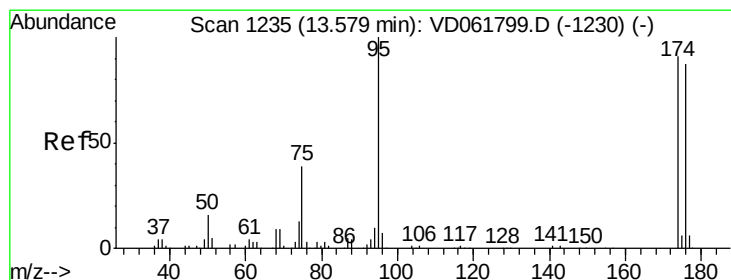
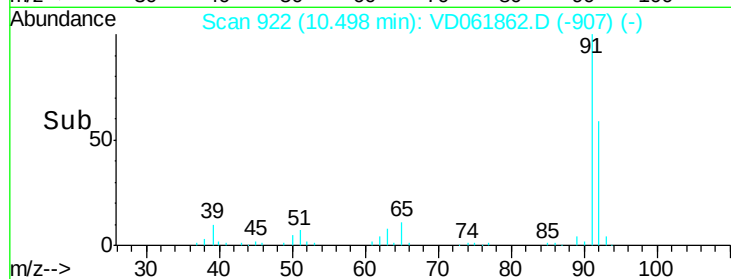
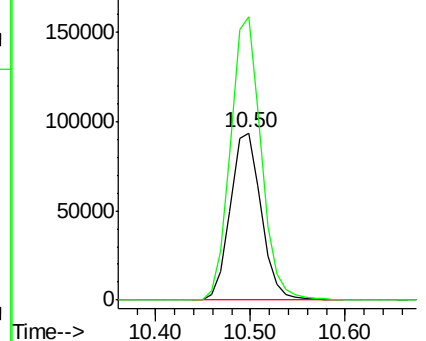
92 100

91 169.1 136.6 204.8



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: 13.55 min Scan# 1232

Delta R.T. -0.03 min

Lab File: VD061862.D

Acq: 17 Apr 2019 19:39

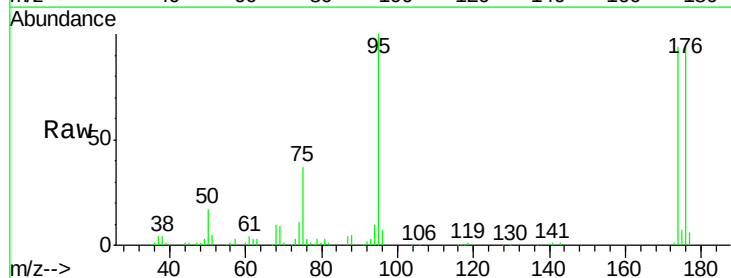
Tgt Ion: 95 Resp: 196604

Ion Ratio Lower Upper

95 100

174 94.3 0.0 181.8

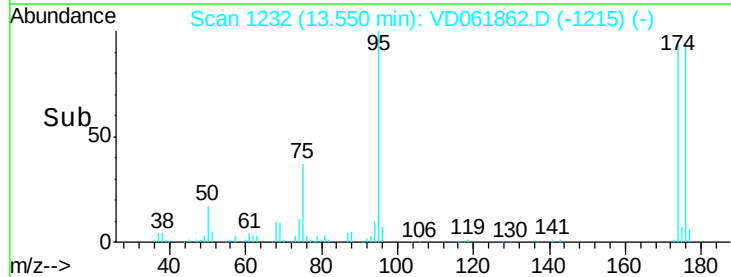
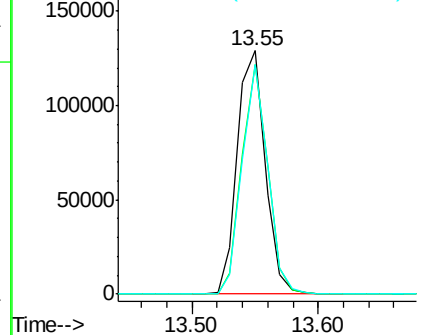
176 94.1 0.0 174.4

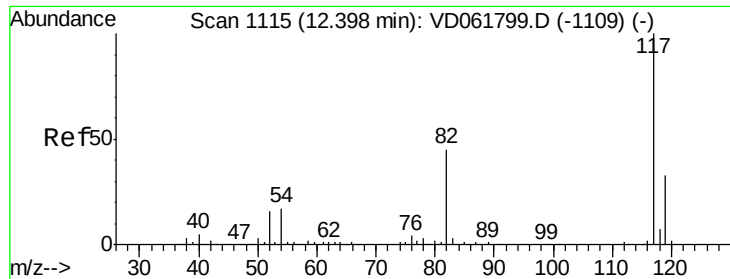


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

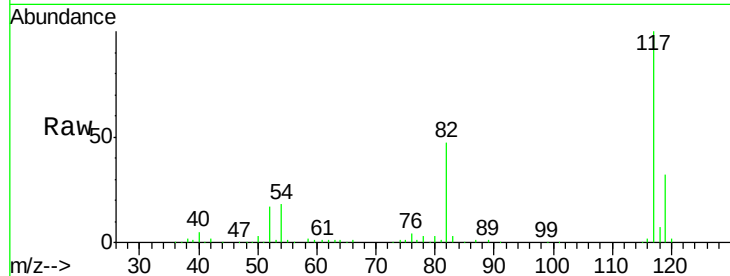




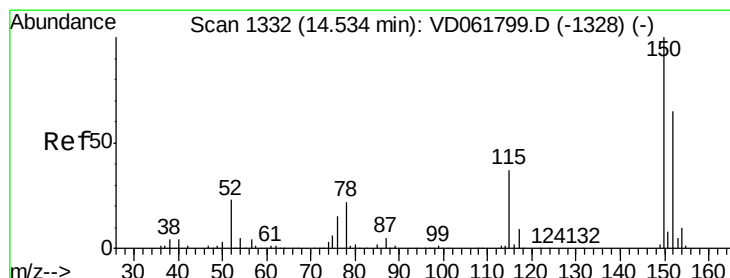
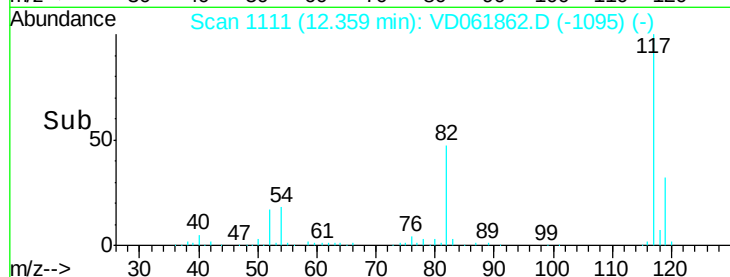
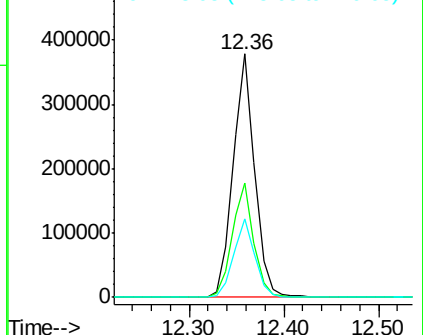
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.04 min
Lab File: VD061862.D
Acq: 17 Apr 2019 19:39

Instrument :
MSVOA_D
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TP-9-S2

Tot Ion:117 Resp: 595617
Ion Ratio Lower Upper
117 100
82 46.8 36.2 54.2
119 32.0 26.2 39.4

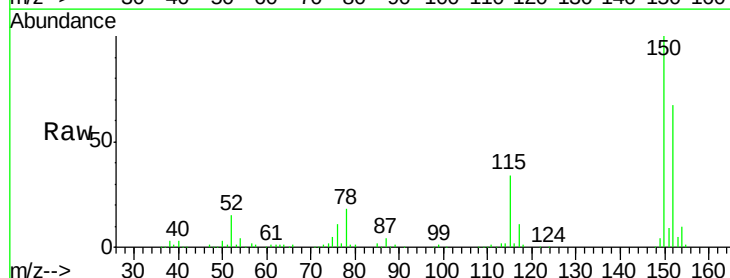


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD061862.D
Acq: 17 Apr 2019 19:39

Tgt Ion:152 Resp: 280222
Ion Ratio Lower Upper
152 100
115 51.5 30.9 92.7
150 149.7 0.0 314.8



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

