

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061814.D
 Acq On : 16 Apr 2019 16:35
 Operator : VA/AP
 Sample : K2358-06
 Misc : 5.48g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9-S2

Quant Time: Apr 16 17:05:47 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

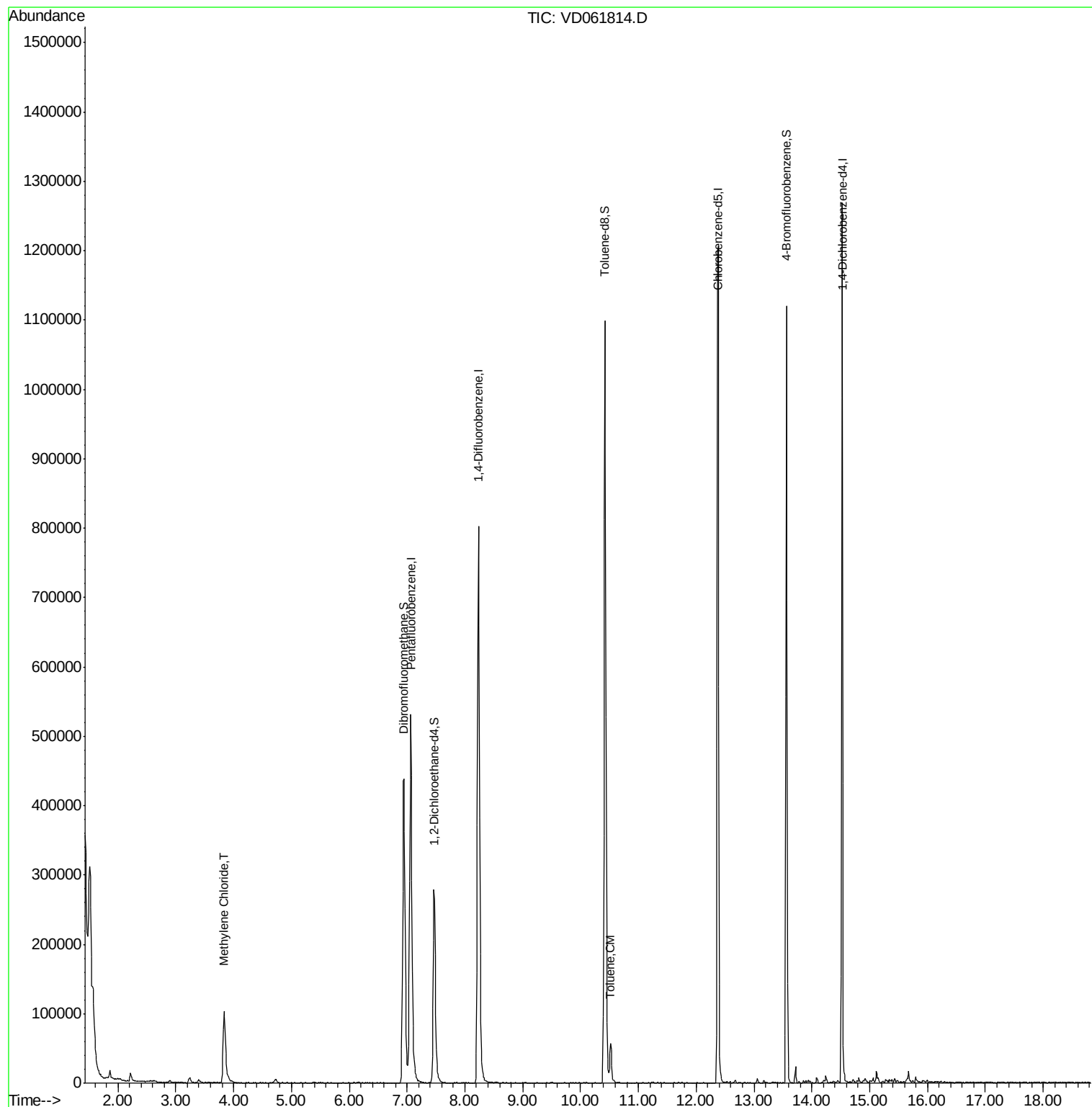
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	547546	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.23	114	998044	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.38	117	834719	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	309924	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	278618	60.71	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	121.42%	
35) Dibromofluoromethane	6.94	113	443592	58.83	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	117.66%	
50) Toluene-d8	10.42	98	956789	53.55	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	107.10%	
62) 4-Bromofluorobenzene	13.56	95	343078	47.38	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	94.76%	
Target Compounds						
20) Methylene Chloride	3.83	84	82532	11.113	ug/l	96
52) Toluene	10.52	92	30260	2.412	ug/l	96

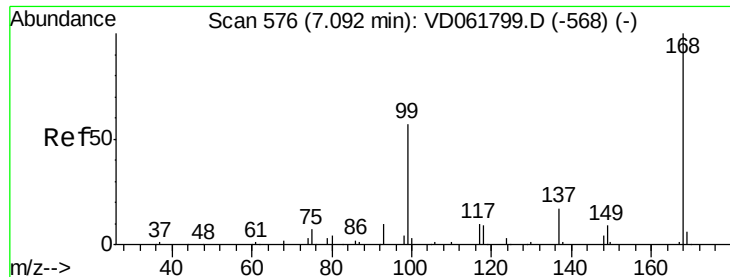
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.03 min

Lab File: VD061814.D

Acq: 16 Apr 2019 16:35

Instrument :

MSVOA_D

ClientSampleId :

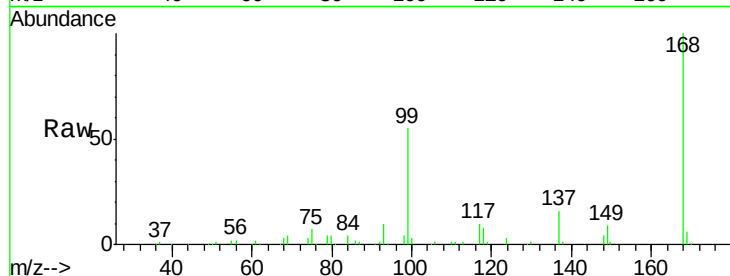
TP-9-S2

Tot Ion:168 Resp: 547546

Ion Ratio Lower Upper

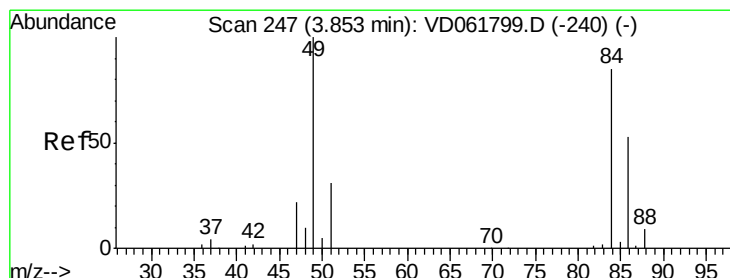
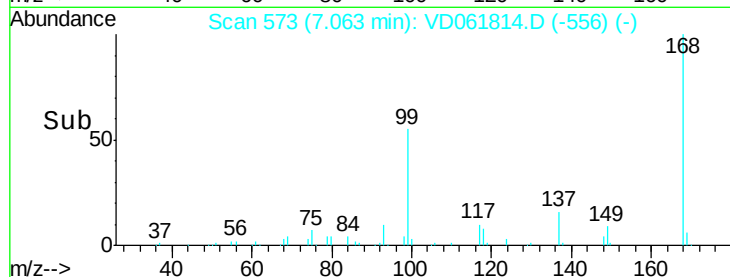
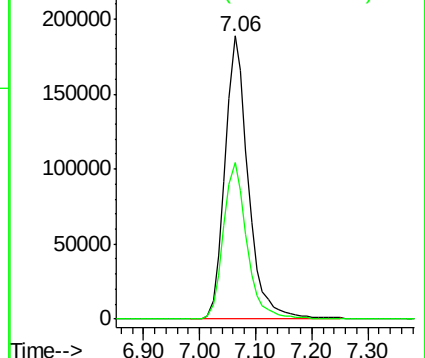
168 100

99 55.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 11.113 ug/l

RT: 3.83 min Scan# 245

Delta R.T. -0.02 min

Lab File: VD061814.D

Acq: 16 Apr 2019 16:35

Tgt Ion: 84 Resp: 82532

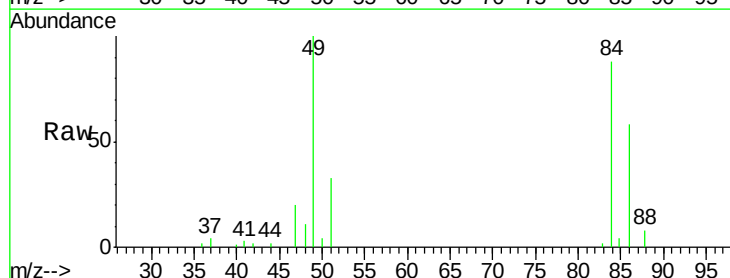
Ion Ratio Lower Upper

84 100

49 113.0 94.0 141.0

51 37.8 29.0 43.4

86 65.4 49.8 74.6

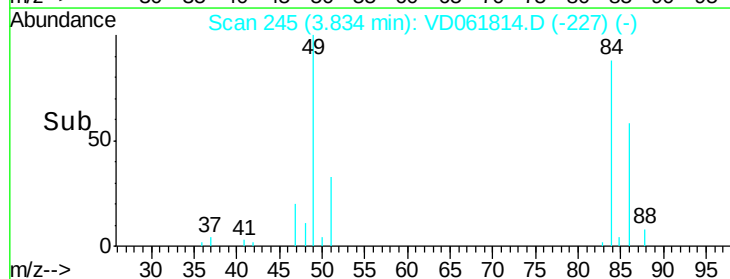
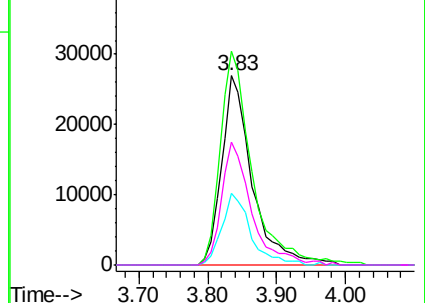


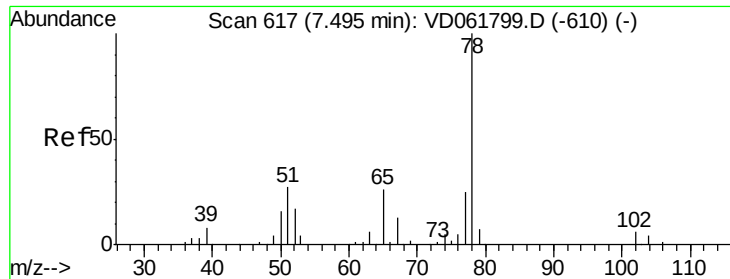
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.47 min Scan# 614

Delta R.T. -0.03 min

Lab File: VD061814.D

Acq: 16 Apr 2019 16:35

Instrument :

MSVOA_D

ClientSampleId :

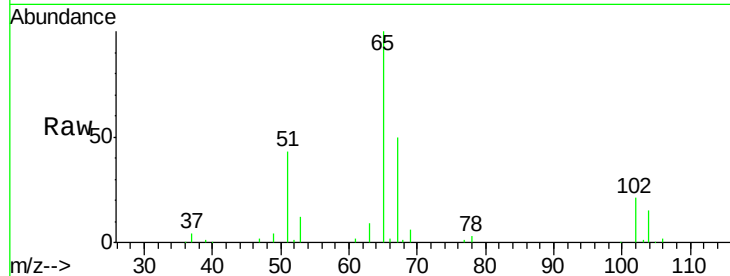
TP-9-S2

Tot Ion: 65 Resp: 278618

Ion Ratio Lower Upper

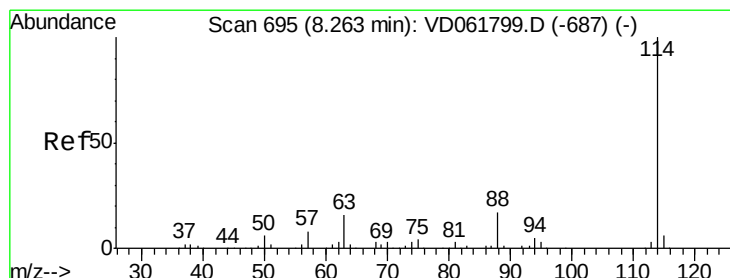
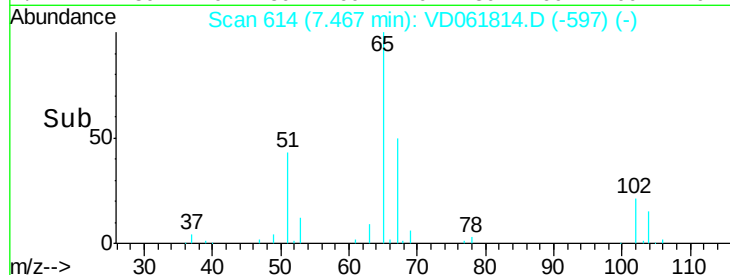
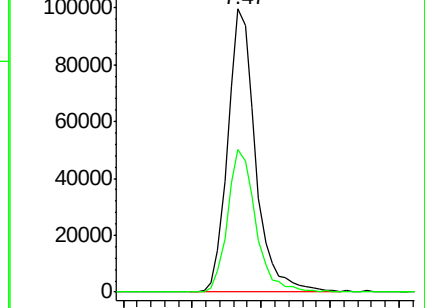
65 100

67 50.3 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: 8.23 min Scan# 692

Delta R.T. -0.03 min

Lab File: VD061814.D

Acq: 16 Apr 2019 16:35

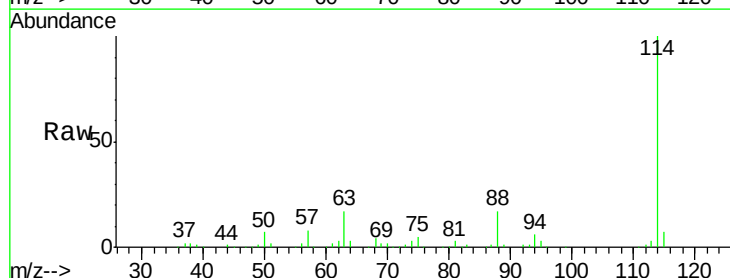
Tgt Ion: 114 Resp: 998044

Ion Ratio Lower Upper

114 100

63 16.8 0.0 32.4

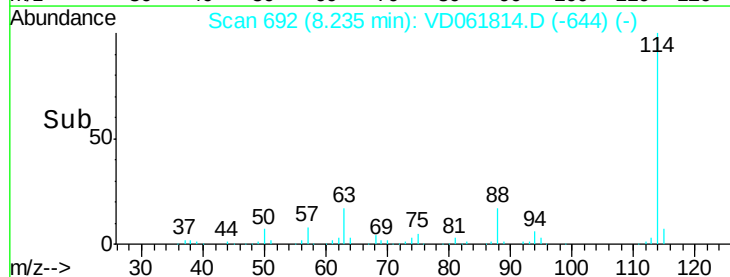
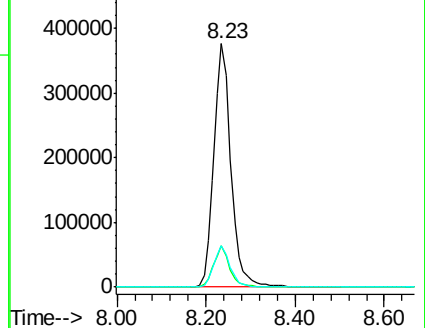
88 17.0 0.0 33.6

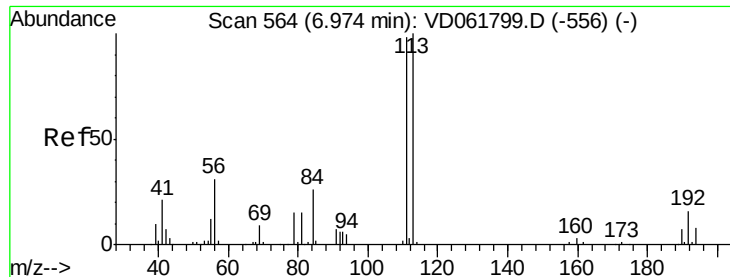


Abundance Ion 114.00 (113.70 to 114.70): V

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: 6.94 min Scan# 560

Delta R.T. -0.04 min

Lab File: VD061814.D

Acq: 16 Apr 2019 16:35

Instrument :

MSVOA_D

ClientSampleId :

TP-9-S2

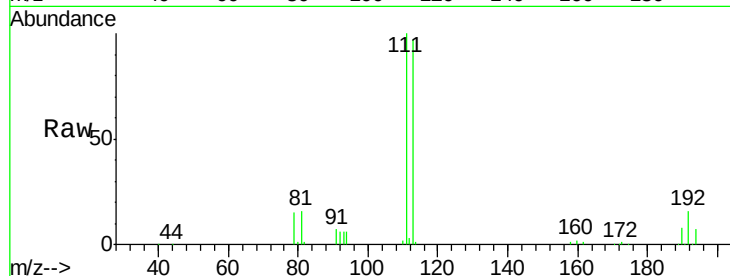
Tot Ion:113 Resp: 443592

Ion Ratio Lower Upper

113 100

111 103.0 78.5 117.7

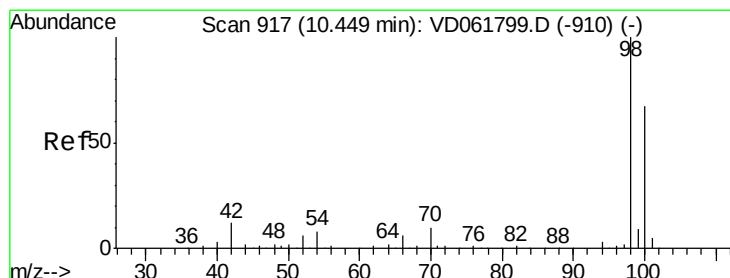
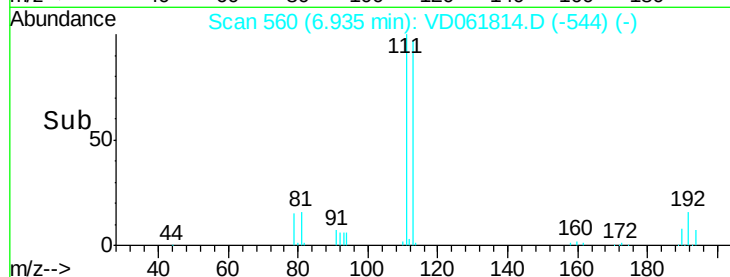
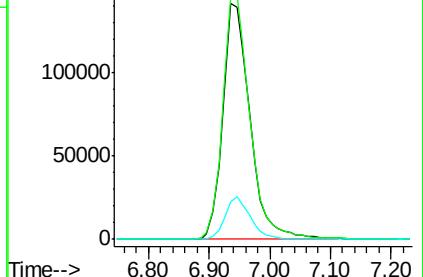
192 16.0 13.0 19.4



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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.42 min Scan# 914

Delta R.T. -0.03 min

Lab File: VD061814.D

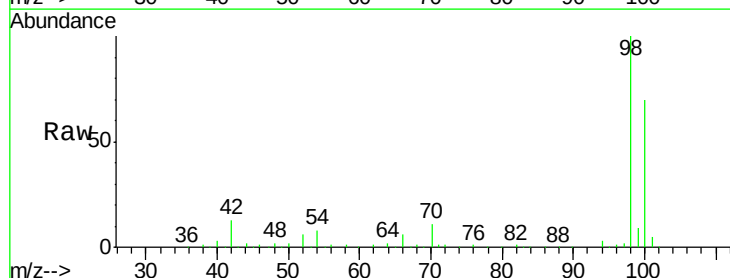
Acq: 16 Apr 2019 16:35

Tgt Ion: 98 Resp: 956789

Ion Ratio Lower Upper

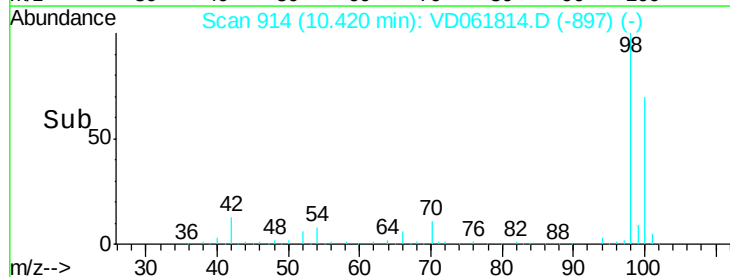
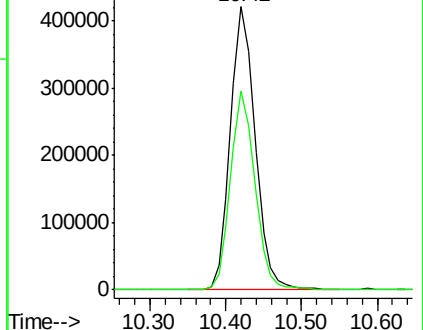
98 100

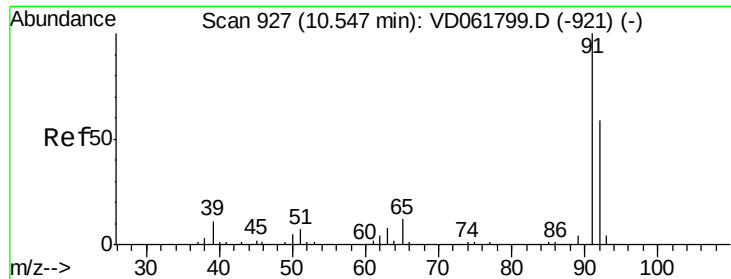
100 70.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 2.412 ug/l

RT: 10.52 min Scan# 924

Delta R.T. -0.03 min

Lab File: VD061814.D

Acq: 16 Apr 2019 16:35

Instrument :

MSVOA_D

ClientSampleId :

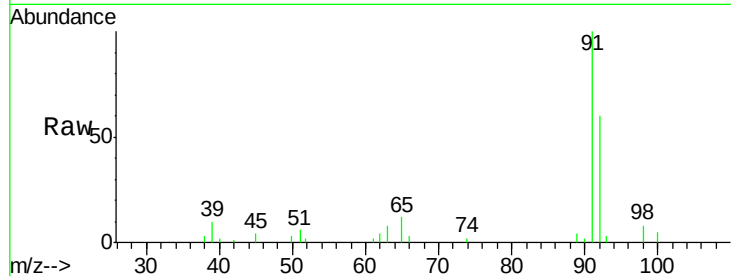
TP-9-S2

Tot Ion: 92 Resp: 30260

Ion Ratio Lower Upper

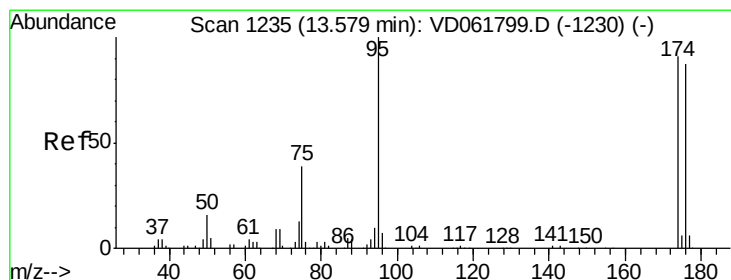
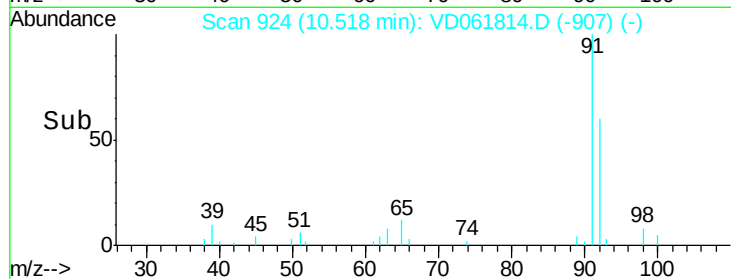
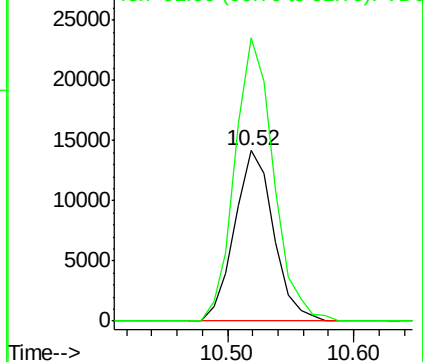
92 100

91 165.8 136.6 204.8



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: 13.56 min Scan# 1233

Delta R.T. -0.02 min

Lab File: VD061814.D

Acq: 16 Apr 2019 16:35

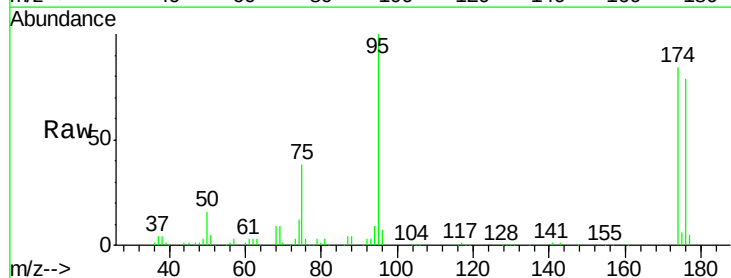
Tgt Ion: 95 Resp: 343078

Ion Ratio Lower Upper

95 100

174 84.2 0.0 181.8

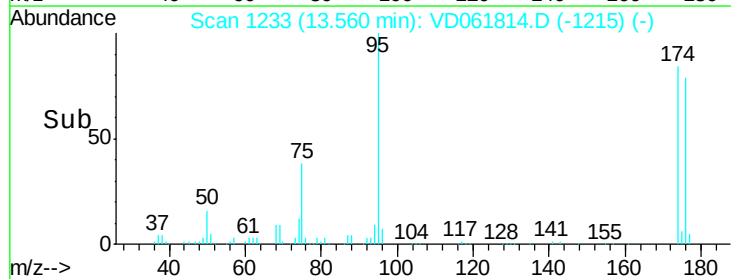
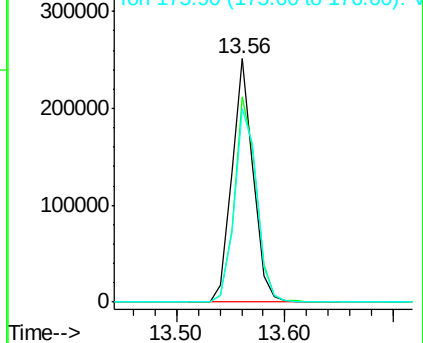
176 79.5 0.0 174.4

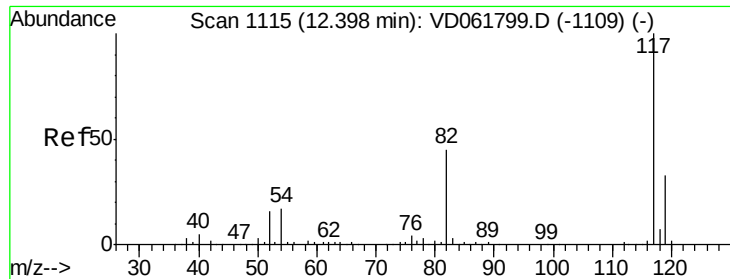


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

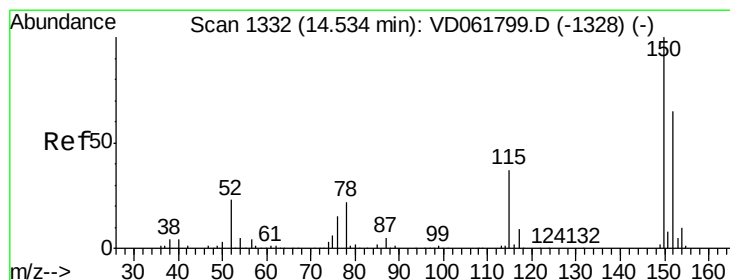
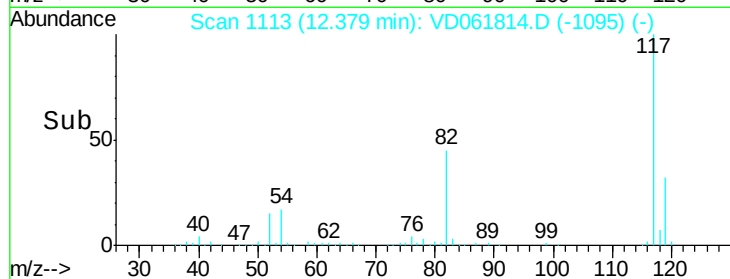
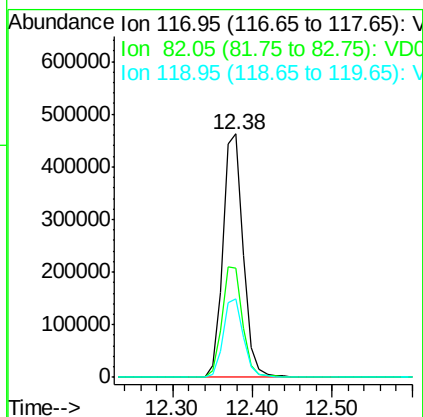
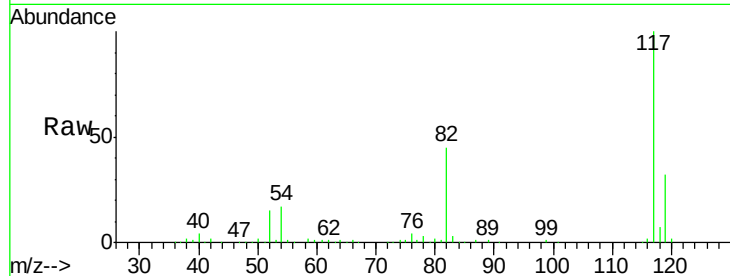




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VD061814.D
Acq: 16 Apr 2019 16:35

Instrument :
MSVOA_D
ClientSampleId :
TP-9-S2

Tot Ion:117 Resp: 834719
Ion Ratio Lower Upper
117 100
82 44.9 36.2 54.2
119 32.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD061814.D
Acq: 16 Apr 2019 16:35

Tgt Ion:152 Resp: 309924
Ion Ratio Lower Upper
152 100
115 54.0 30.9 92.7
150 158.6 0.0 314.8

