

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041719\
 Data File : VD061851.D
 Acq On : 17 Apr 2019 14:31
 Operator : VA/AP
 Sample : K2373-01
 Misc : 4.94g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TPH-FOUND

Quant Time: Apr 17 15:45:59 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

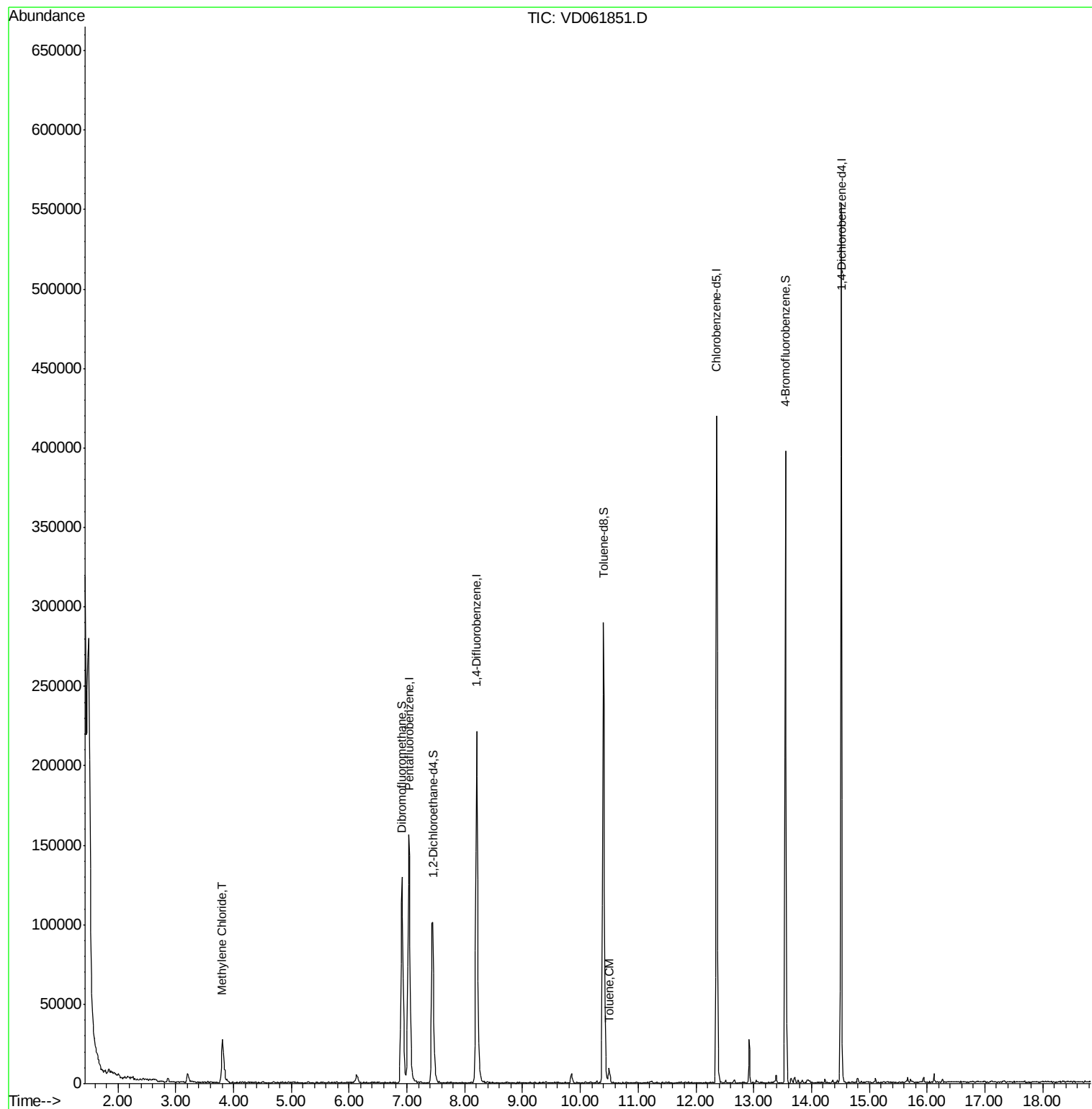
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	159064	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	8.20	114	268532	50.00	ug/l	-0.06
63) Chlorobenzene-d5	12.36	117	251119	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	14.51	152	129900	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	102683	77.03	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	154.06%	
35) Dibromofluoromethane	6.91	113	123468	60.86	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	121.72%	
50) Toluene-d8	10.40	98	256858	53.43	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	106.86%	
62) 4-Bromofluorobenzene	13.55	95	118313	60.72	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	121.44%	
Target Compounds						
20) Methylene Chloride	3.80	84	21480	9.430	ug/l	97
52) Toluene	10.50	92	5662	1.677	ug/l	79

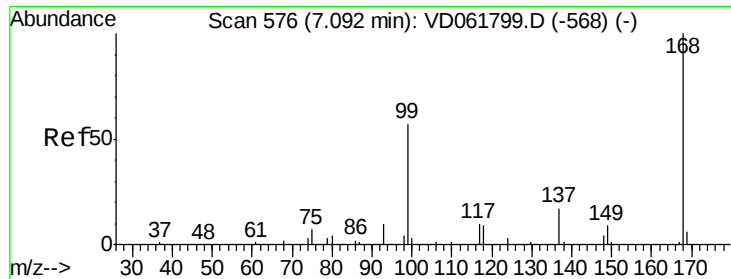
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.03 min Scan# 570

Delta R.T. -0.06 min

Lab File: VD061851.D

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Instrument :

MSVOA_D

ClientSampleId :

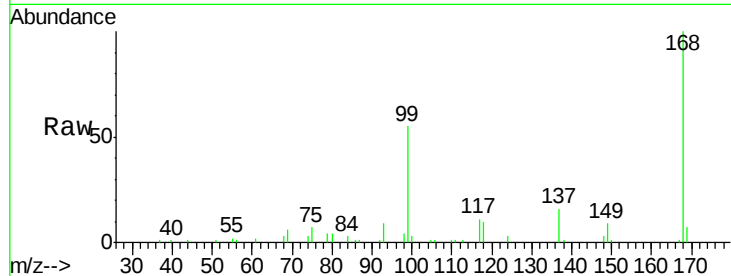
TPH-FOUND

Tot Ion:168 Resp: 159064

Ion Ratio Lower Upper

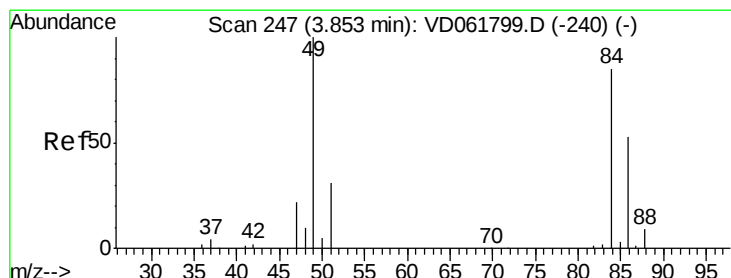
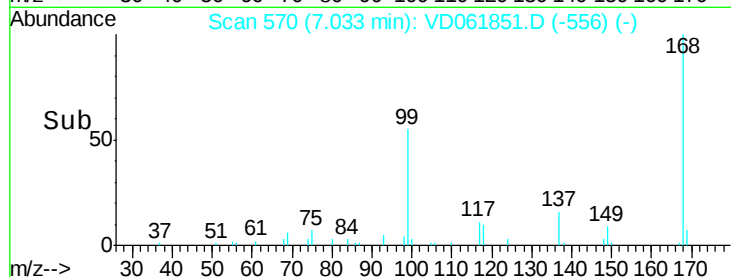
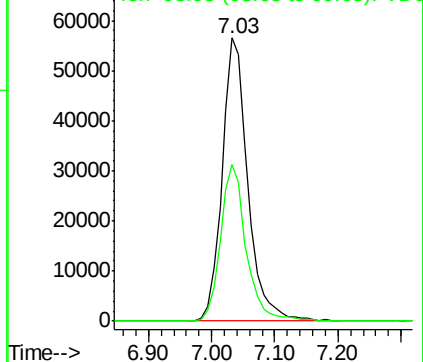
168 100

99 55.3 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: 9.430 ug/l

RT: 3.80 min Scan# 242

Delta R.T. -0.05 min

Lab File: VD061851.D

Acq: 17 Apr 2019 14:31

Tgt Ion: 84 Resp: 21480

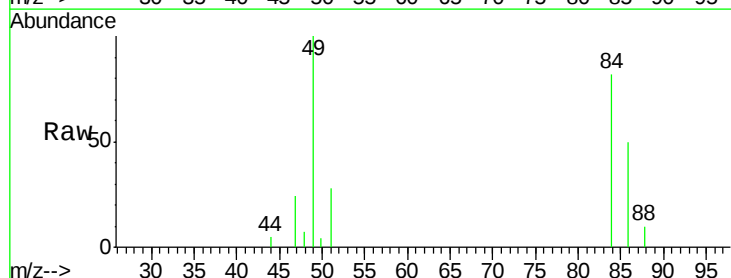
Ion Ratio Lower Upper

84 100

49 122.3 94.0 141.0

51 34.5 29.0 43.4

86 61.2 49.8 74.6

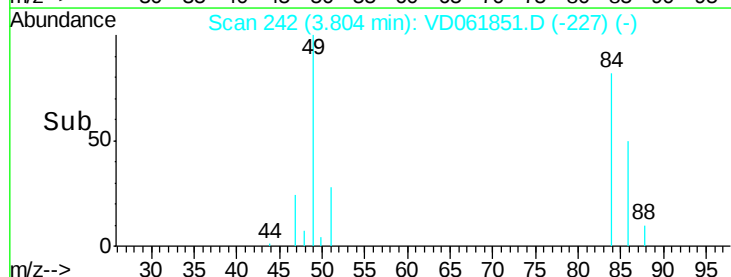
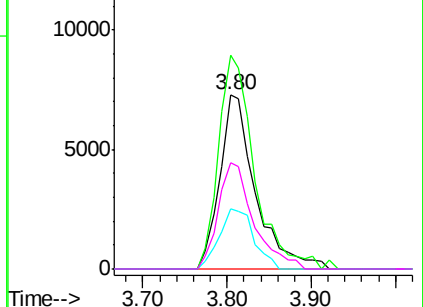


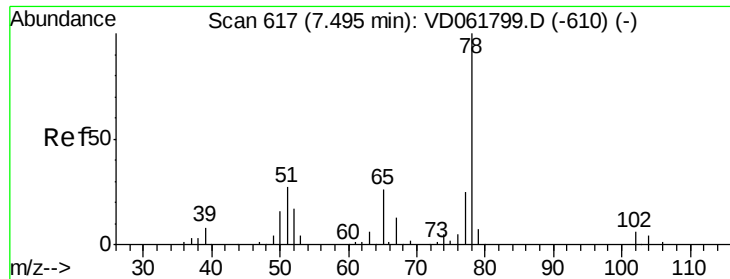
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: VD061851.D

Acq: 17 Apr 2019 14:31

Instrument :

MSVOA_D

ClientSampleId :

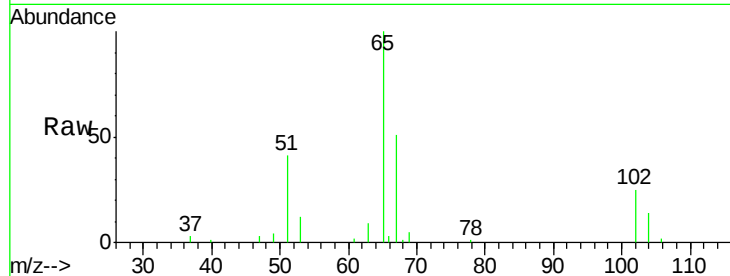
TPH-FOUND

Tot Ion: 65 Resp: 102683

Ion Ratio Lower Upper

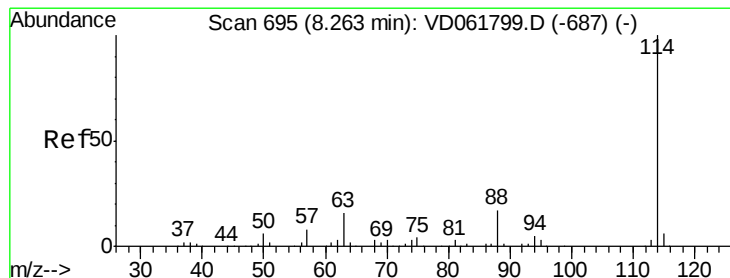
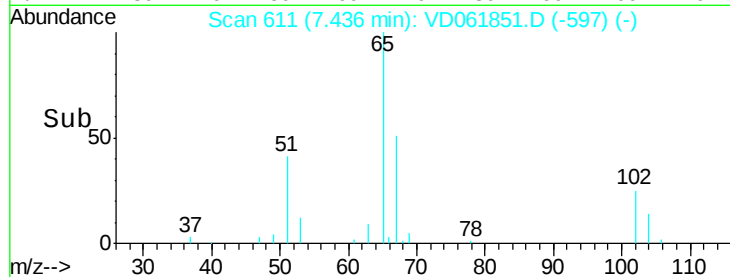
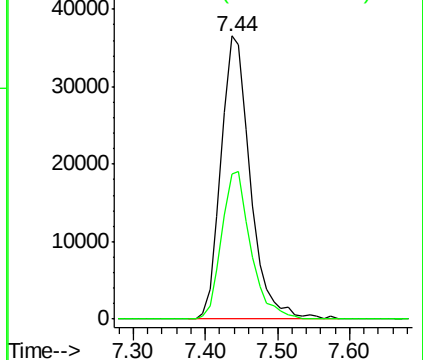
65 100

67 51.1 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: VD061851.D

Acq: 17 Apr 2019 14:31

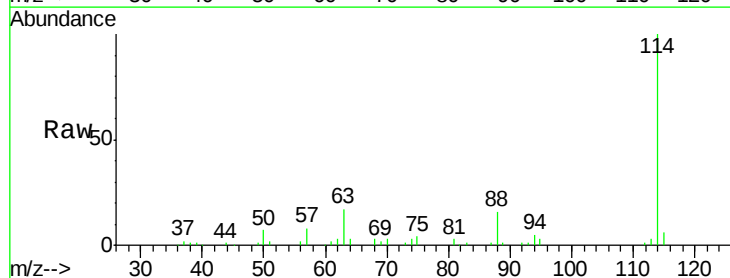
Tgt Ion: 114 Resp: 268532

Ion Ratio Lower Upper

114 100

63 16.7 0.0 32.4

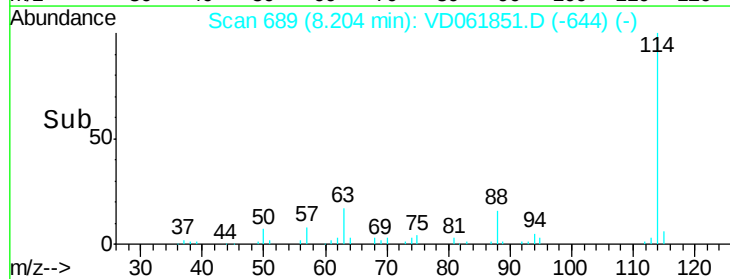
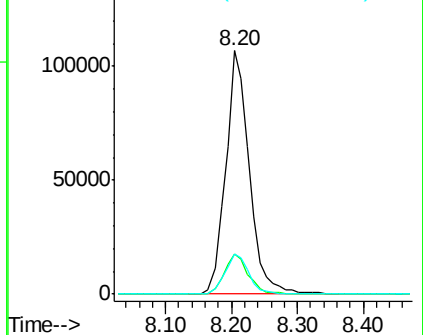
88 16.4 0.0 33.6

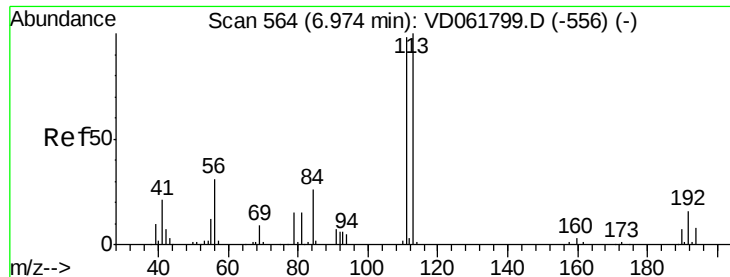


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

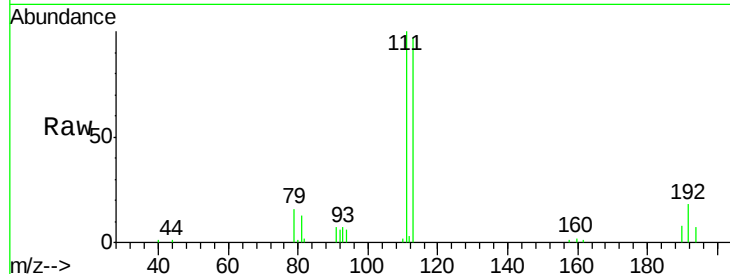




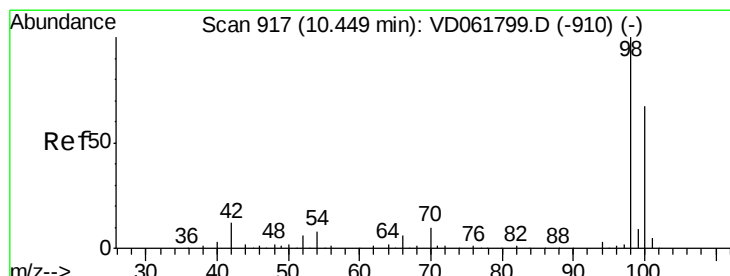
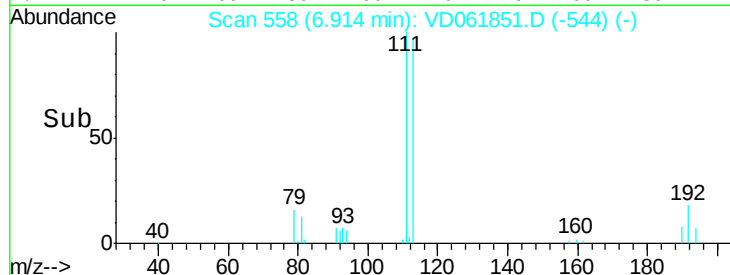
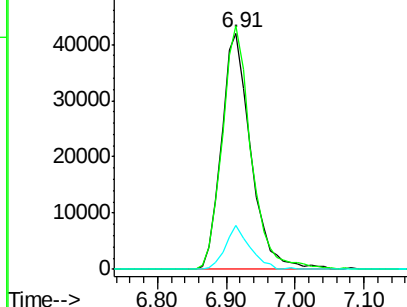
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.06 min
 Lab File: VD061851.D
 Acq: 17 Apr 2019 14:31

Instrument :
 MSVOA_D
 ClientSampleId :
 TPH-FOUND

Tot Ion:113 Resp: 123468
 Ion Ratio Lower Upper
 113 100
 111 102.9 78.5 117.7
 192 18.7 13.0 19.4

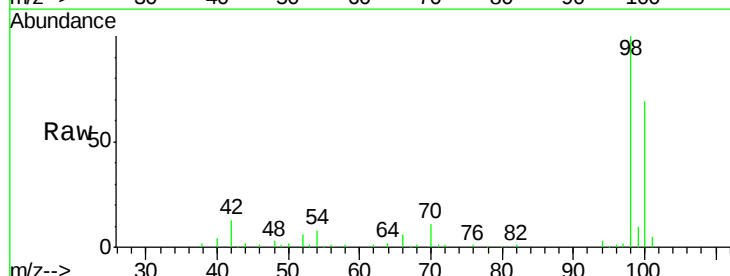


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

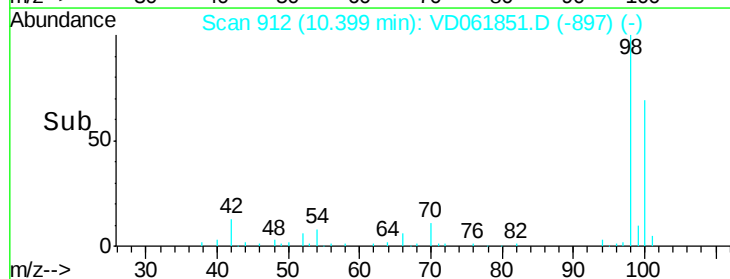
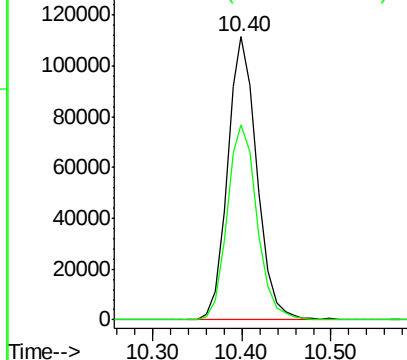


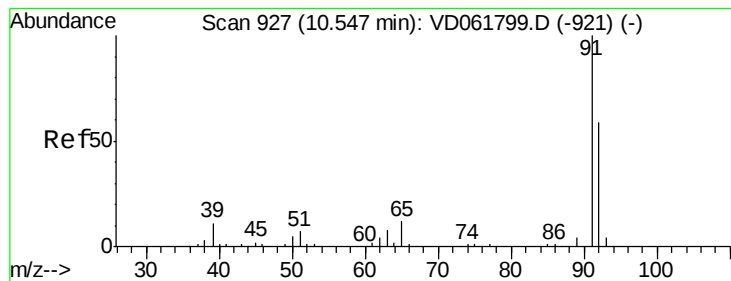
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. -0.05 min
 Lab File: VD061851.D
 Acq: 17 Apr 2019 14:31

Tgt Ion: 98 Resp: 256858
 Ion Ratio Lower Upper
 98 100
 100 68.8 53.8 80.8



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





#52

Toluene

Concen: 1.677 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.05 min

Lab File: VD061851.D

Acq: 17 Apr 2019 14:31

Instrument :

MSVOA_D

ClientSampleId :

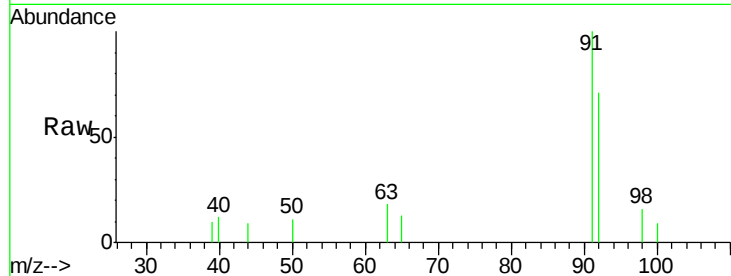
TPH-FOUND

Tot Ion: 92 Resp: 5662

Ion Ratio Lower Upper

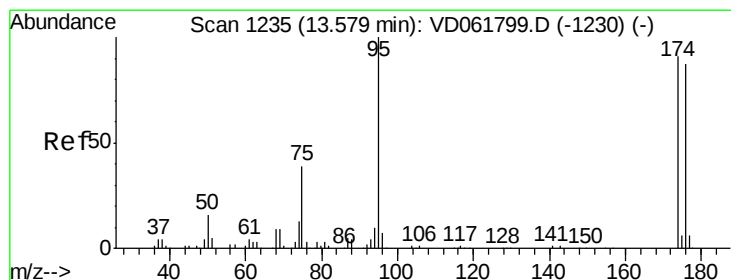
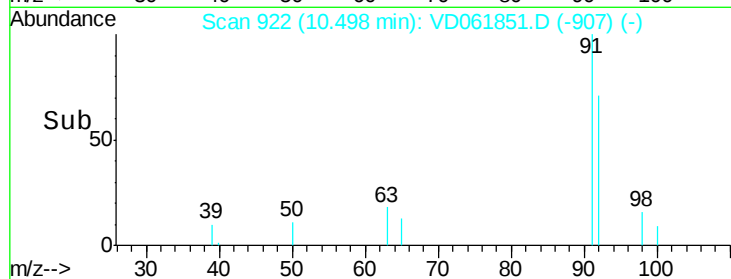
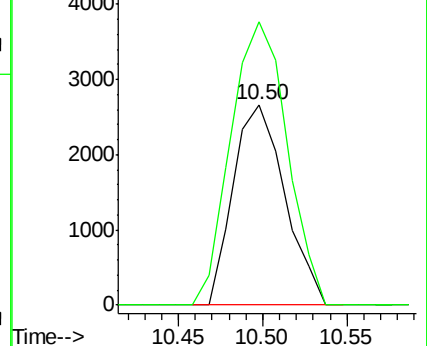
92 100

91 141.3 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.03 min

Lab File: VD061851.D

Acq: 17 Apr 2019 14:31

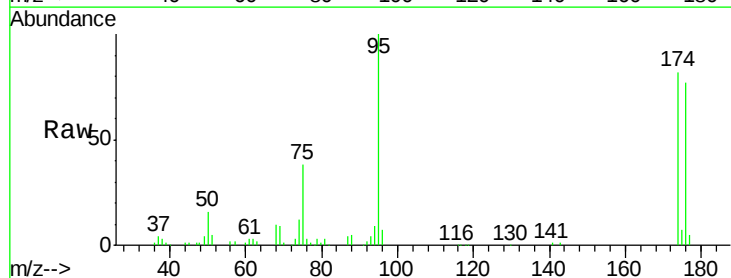
Tgt Ion: 95 Resp: 118313

Ion Ratio Lower Upper

95 100

174 82.5 0.0 181.8

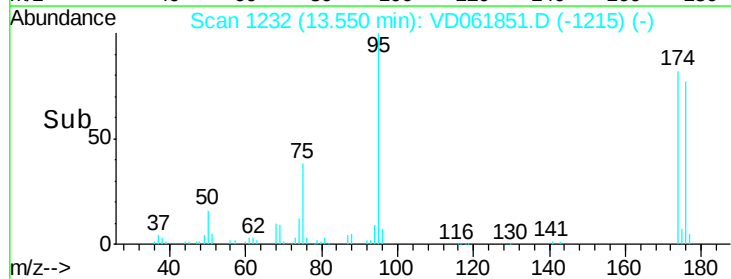
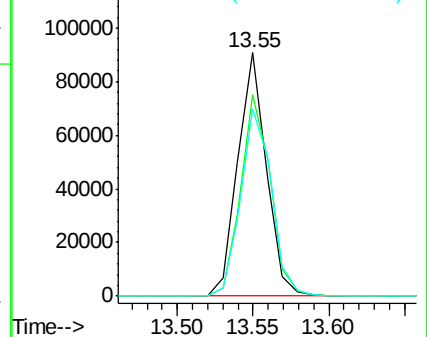
176 77.0 0.0 174.4

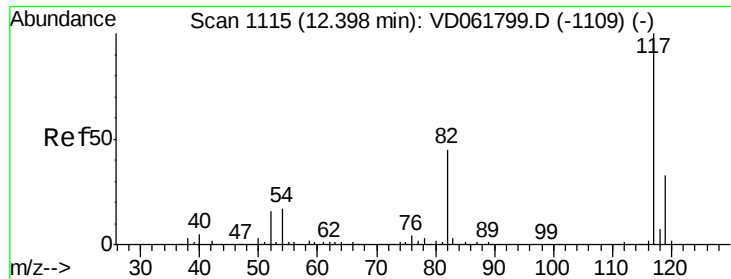


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

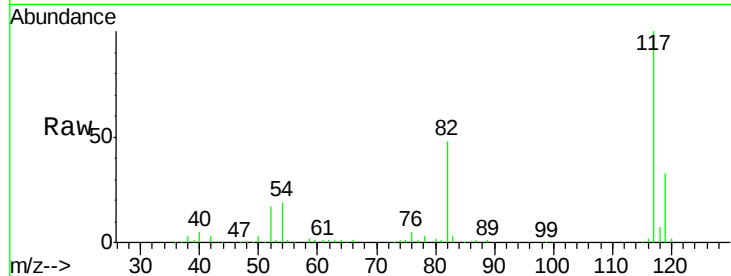




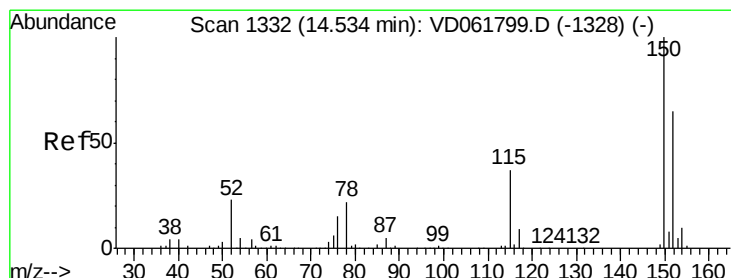
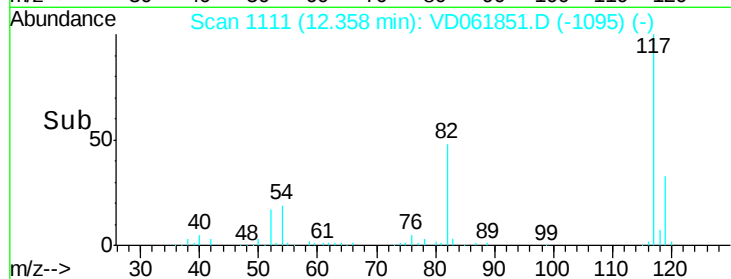
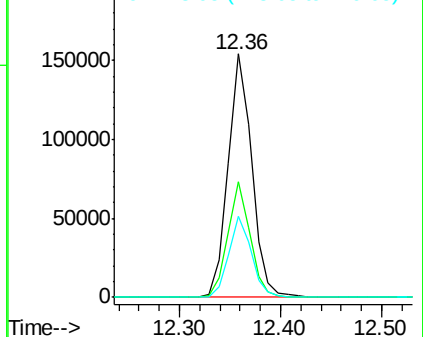
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.04 min
Lab File: VD061851.D
Acq: 17 Apr 2019 14:31

Instrument :
MSVOA_D
ClientSampleId :
TPH-FOUND

Tot Ion:117 Resp: 251119
Ion Ratio Lower Upper
117 100
82 47.6 36.2 54.2
119 33.0 26.2 39.4

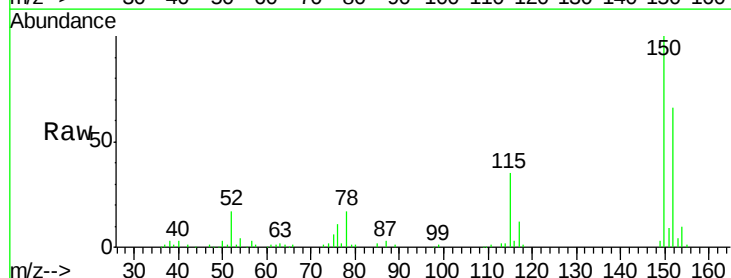


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD061851.D
Acq: 17 Apr 2019 14:31

Tgt Ion:152 Resp: 129900
Ion Ratio Lower Upper
152 100
115 53.1 30.9 92.7
150 152.6 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

