

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070219\
 Data File : VD063004.D
 Acq On : 2 Jul 2019 15:55
 Operator : VA/AP
 Sample : K3649-02
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D-1X-ROLL-OFF-SOCK-LILE

Quant Time: Jul 03 01:17:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

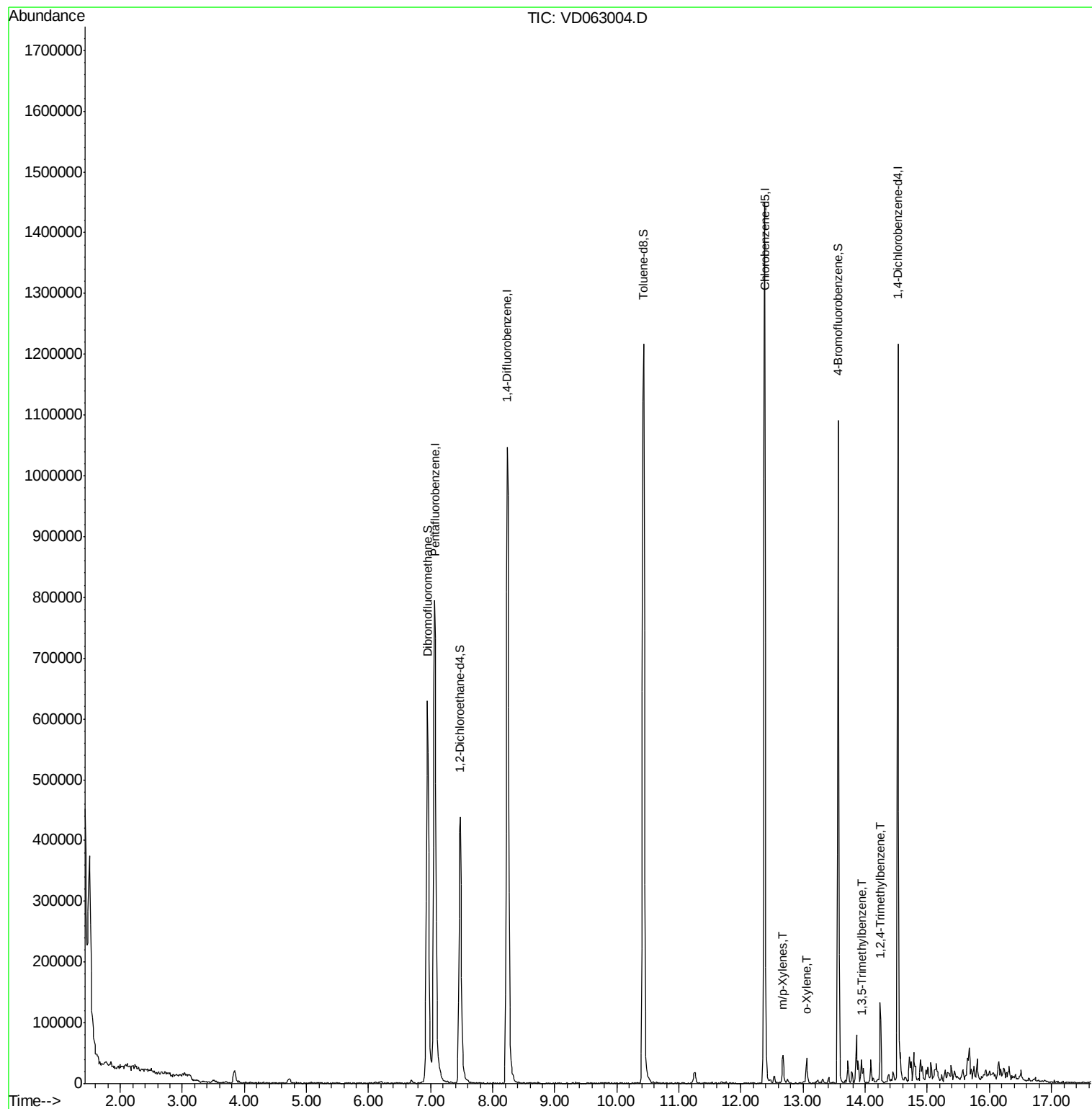
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	755695	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.24	114	1167930	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	723868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	248663	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	511984	62.33	ug/l	0.01
Spiked Amount 50.000			Recovery	=	124.66%	
35) Dibromofluoromethane	6.95	113	550008	55.85	ug/l	0.01
Spiked Amount 50.000			Recovery	=	111.70%	
50) Toluene-d8	10.43	98	974460	45.46	ug/l	0.01
Spiked Amount 50.000			Recovery	=	90.92%	
62) 4-Bromofluorobenzene	13.56	95	299281	30.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.42%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	12.68	106	11574	1.378	ug/l	85
69) o-Xylene	13.06	106	9224	1.201	ug/l	71
80) 1,3,5-Trimethylbenzene	13.95	105	19860	1.483	ug/l	90
84) 1,2,4-Trimethylbenzene	14.24	105	58771	4.282	ug/l	92

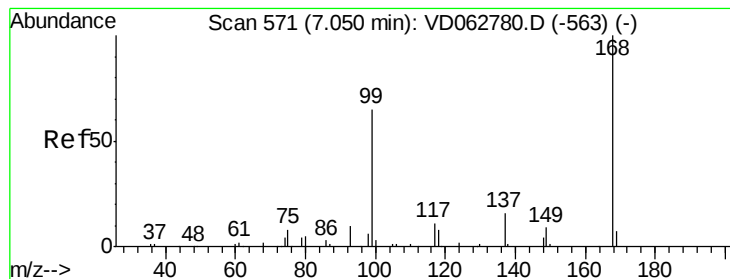
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.01 min

Lab File: VD063004.D

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Instrument :

MSVOA_D

ClientSampleId :

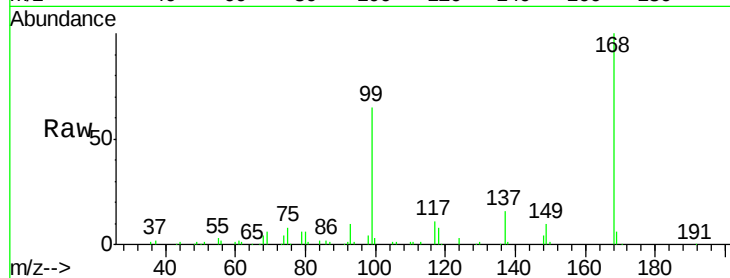
D-1X-ROLL-OFF-SOCK-LILE

Tot Ion:168 Resp: 755695

Ion Ratio Lower Upper

168 100

99 64.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

300000

250000

200000

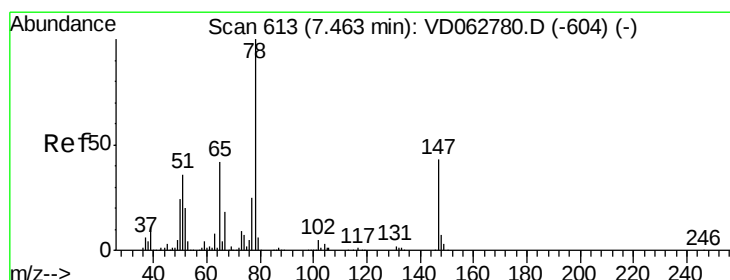
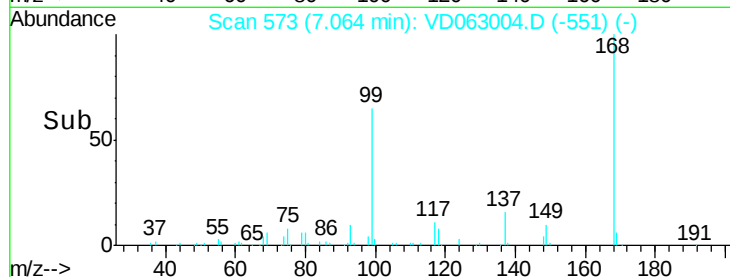
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 62.328 ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.01 min

Lab File: VD063004.D

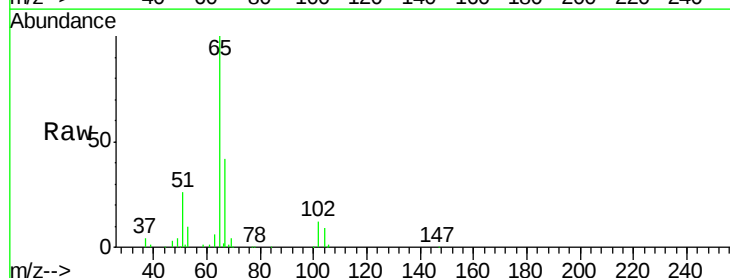
Acq: 2 Jul 2019 15:55

Tgt Ion: 65 Resp: 511984

Ion Ratio Lower Upper

65 100

67 42.3 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.48

200000

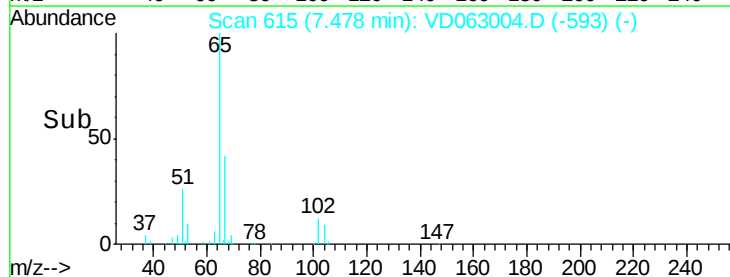
150000

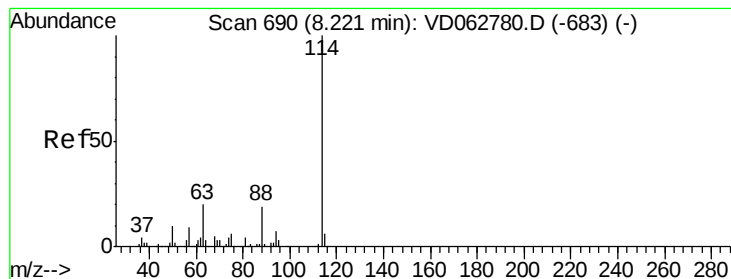
100000

50000

0

Time--> 7.30 7.40 7.50 7.60 7.70





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 692

Delta R.T. 0.01 min

Lab File: VD063004.D

Acq: 2 Jul 2019 15:55

Instrument :

MSVOA_D

ClientSampleId :

D-1X-ROLL-OFF-SOCK-LILE

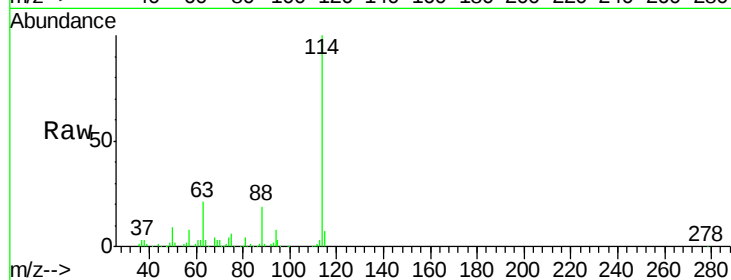
Tot Ion:114 Resp: 1167930

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

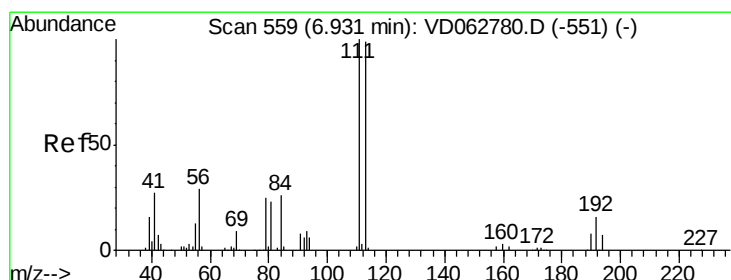
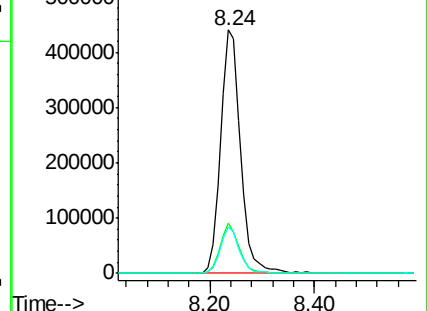
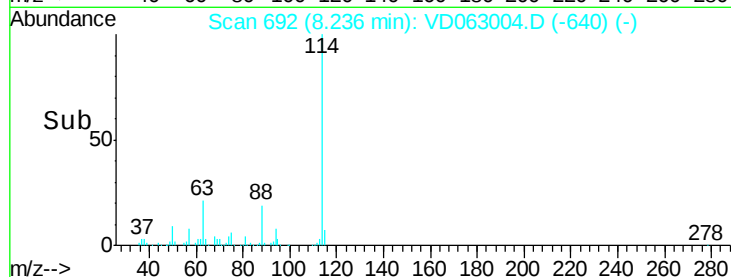
88 19.3 0.0 38.8



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: 55.850 ug/l

RT: 6.95 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD063004.D

Acq: 2 Jul 2019 15:55

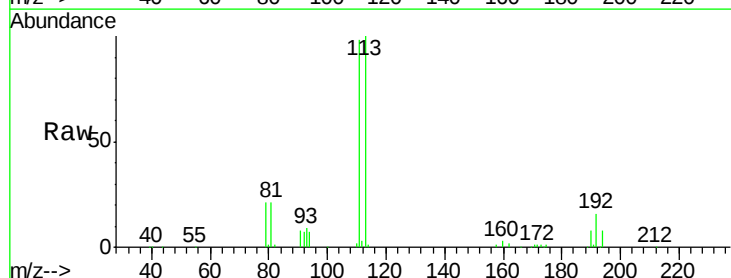
Tgt Ion:113 Resp: 550008

Ion Ratio Lower Upper

113 100

111 97.6 81.2 121.8

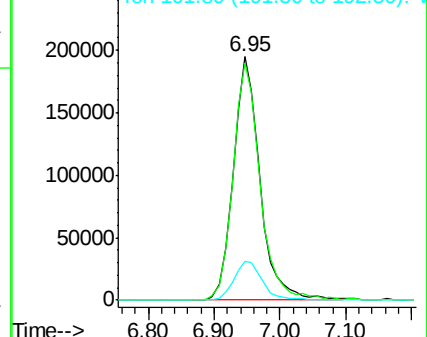
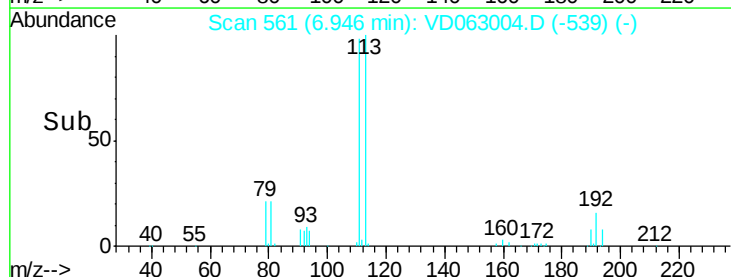
192 15.9 12.9 19.3



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

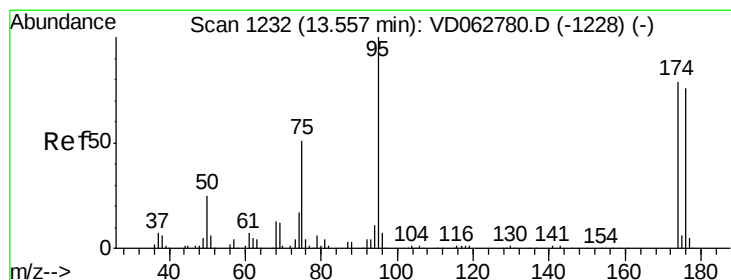
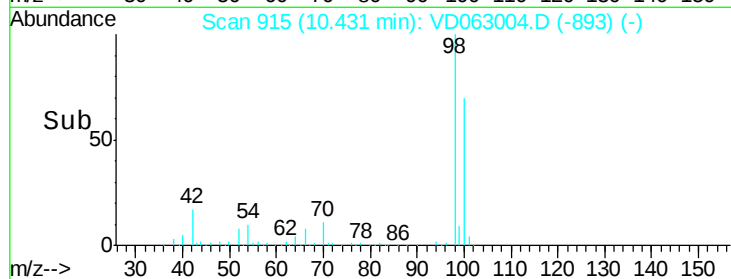
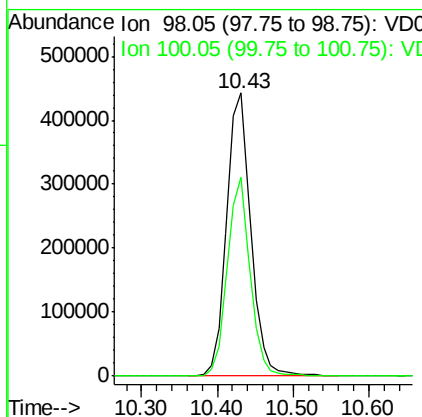
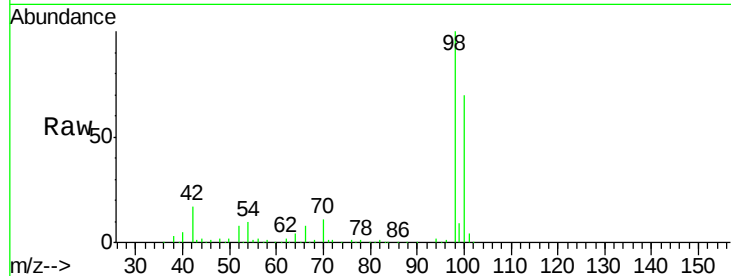




#50
Toluene-d8
Concen: 45.464 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD063004.D
Acq: 2 Jul 2019 15:55

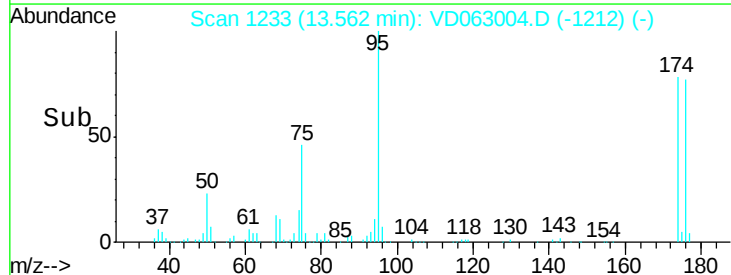
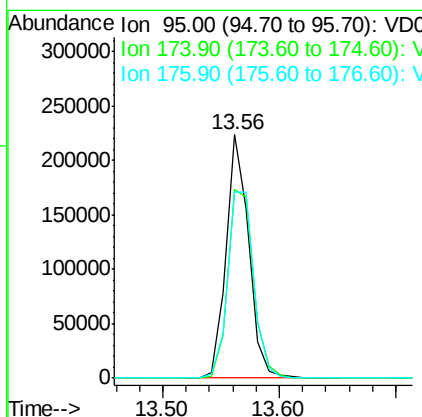
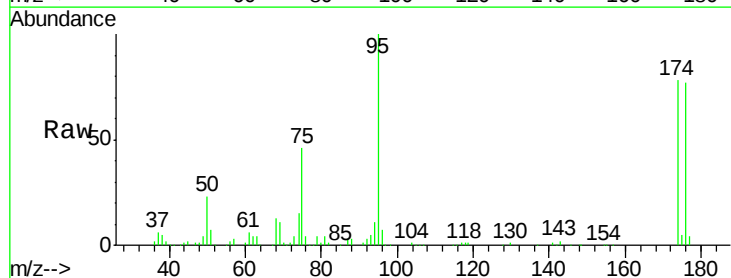
Instrument :
MSVOA_D
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D-1X-ROLL-OFF-SOCK-LILE

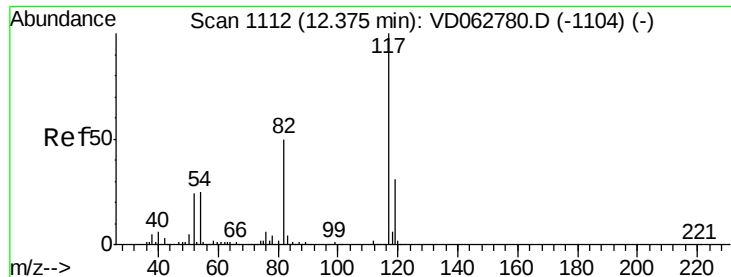
Tot Ion: 98 Resp: 974460
Ion Ratio Lower Upper
98 100
100 70.3 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 30.708 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD063004.D
Acq: 2 Jul 2019 15:55

Tgt Ion: 95 Resp: 299281
Ion Ratio Lower Upper
95 100
174 77.6 0.0 158.0
176 76.6 0.0 151.6

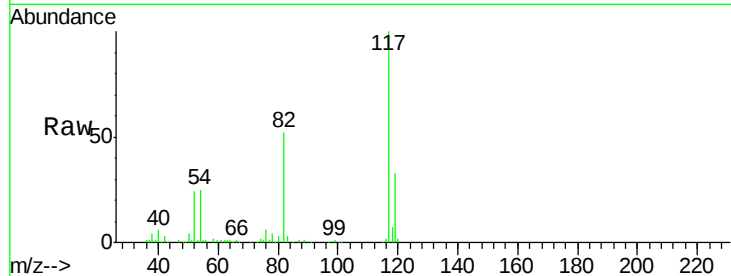




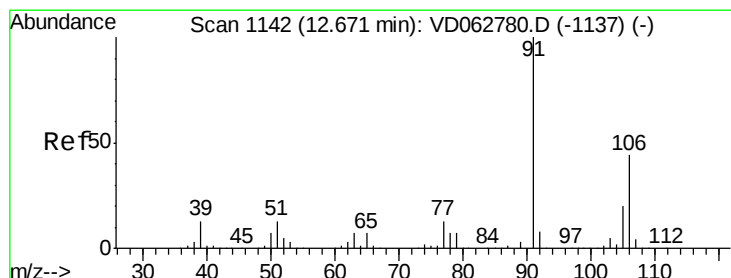
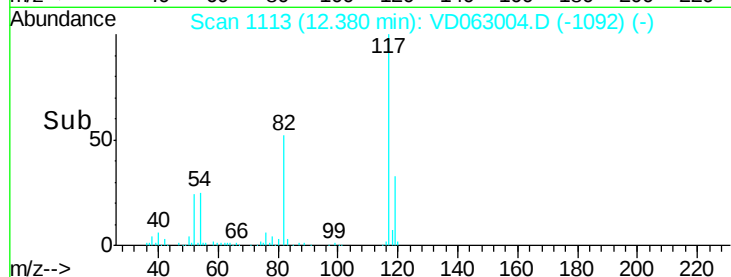
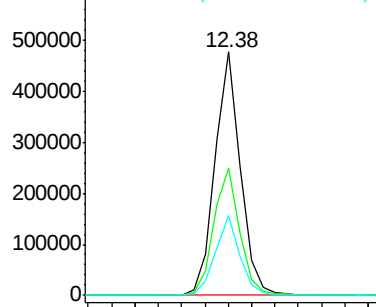
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VD063004.D
Acq: 2 Jul 2019 15:55

Instrument :
MSVOA_D
ClientSampleId :
D-1X-ROLL-OFF-SOCK-LILE

Tot Ion:117 Resp: 723868
Ion Ratio Lower Upper
117 100
82 52.3 40.4 60.6
119 32.8 25.2 37.8

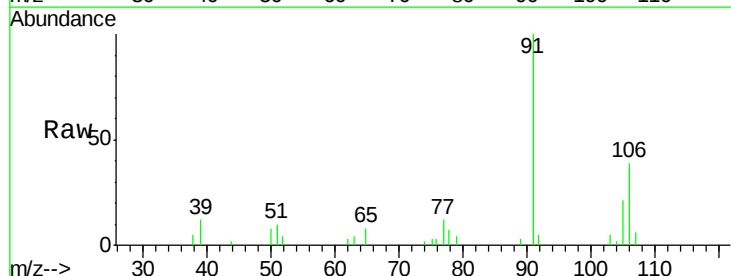


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

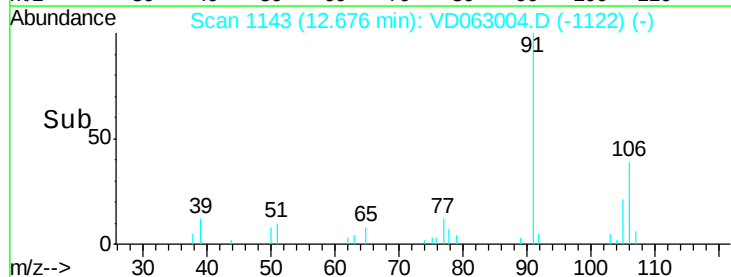
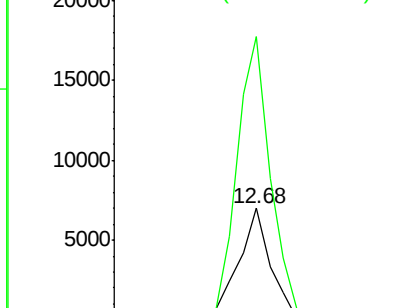


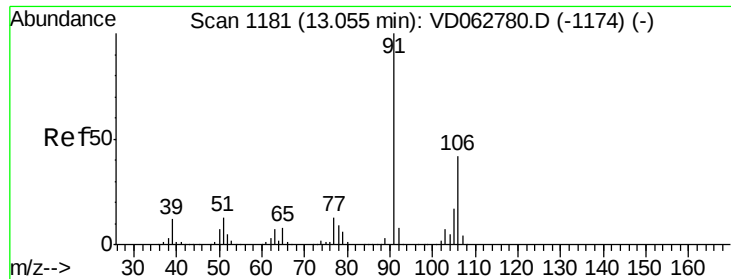
#68
m/p-Xylenes
Concen: 1.378 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VD063004.D
Acq: 2 Jul 2019 15:55

Tgt Ion:106 Resp: 11574
Ion Ratio Lower Upper
106 100
91 253.6 183.0 274.6



Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

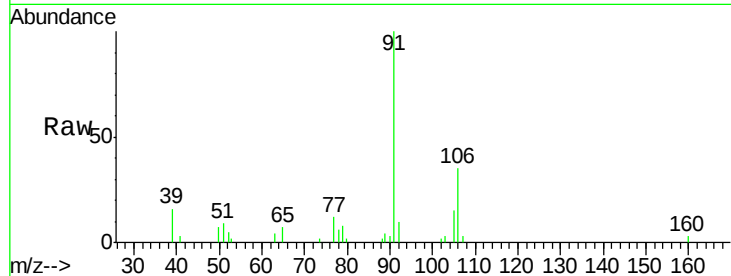




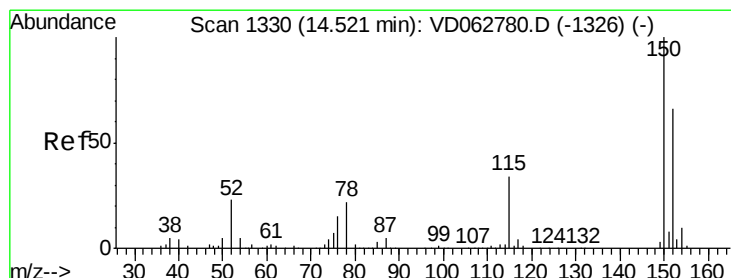
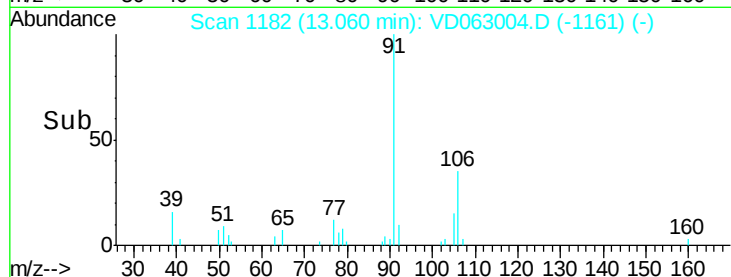
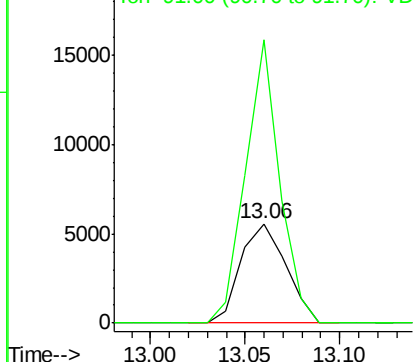
#69
o-Xylene
Concen: 1.201 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VD063004.D
Acq: 2 Jul 2019 15:55

Instrument :
MSVOA_D
ClientSampleId :
D-1X-ROLL-OFF-SOCK-LILE

Tot Ion:106 Resp: 9224
Ion Ratio Lower Upper
106 100
91 284.7 117.9 353.6

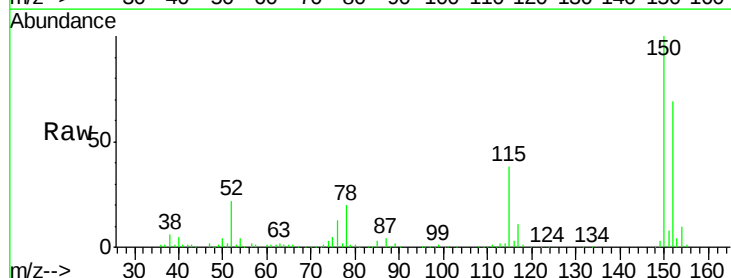


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

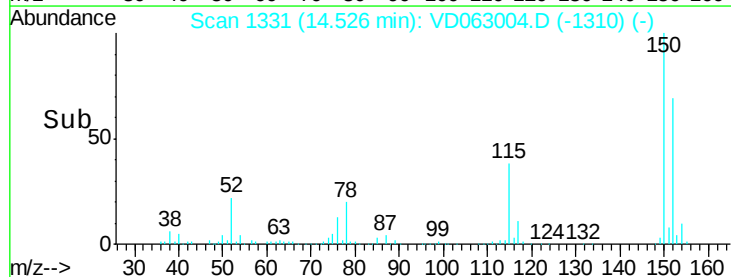
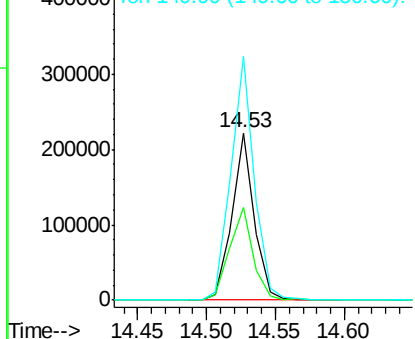


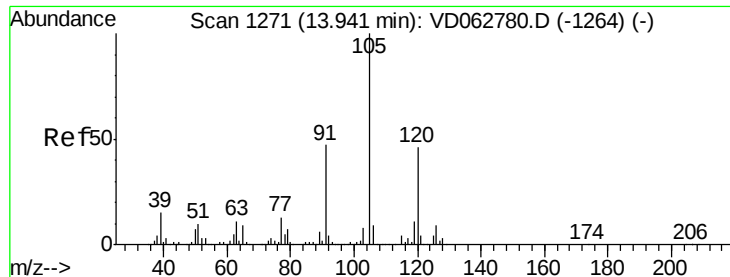
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD063004.D
Acq: 2 Jul 2019 15:55

Tgt Ion:152 Resp: 248663
Ion Ratio Lower Upper
152 100
115 55.4 29.2 87.6
150 145.9 0.0 305.8



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

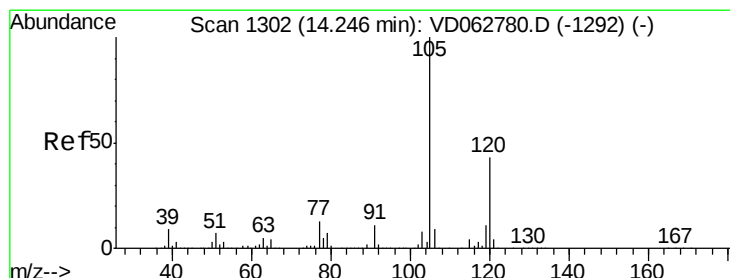
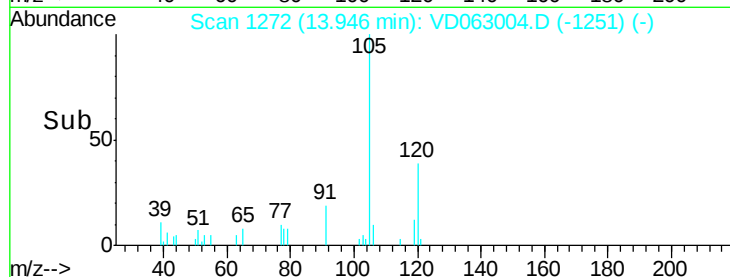
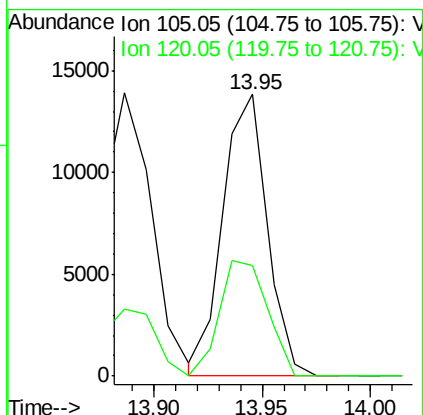
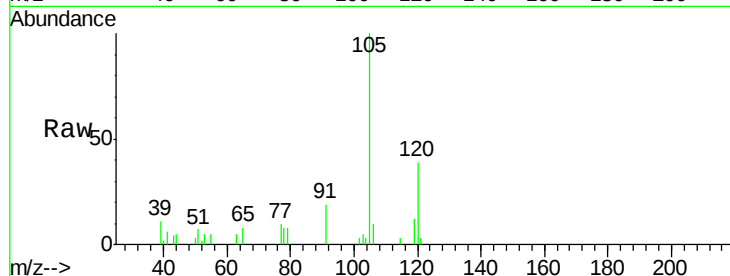




#80
 1,3,5-Trimethylbenzene
 Concen: 1.483 ug/l
 RT: 13.95 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: VD063004.D
 Acq: 2 Jul 2019 15:55

Instrument :
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 D-1X-ROLL-OFF-SOCK-LILE

Tot Ion:105 Resp: 19860
 Ion Ratio Lower Upper
 105 100
 120 39.2 23.1 69.2



#84
 1,2,4-Trimethylbenzene
 Concen: 4.282 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VD063004.D
 Acq: 2 Jul 2019 15:55

Tgt Ion:105 Resp: 58771
 Ion Ratio Lower Upper
 105 100
 120 37.8 21.3 63.9

