

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020119\
 Data File : VD060817.D
 Acq On : 1 Feb 2019 14:14
 Operator : VA/AP
 Sample : K1011-15
 Misc : 4.68g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-013119-B

Quant Time: Feb 02 01:21:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 29 13:53:55 2019
 Response via : Initial Calibration

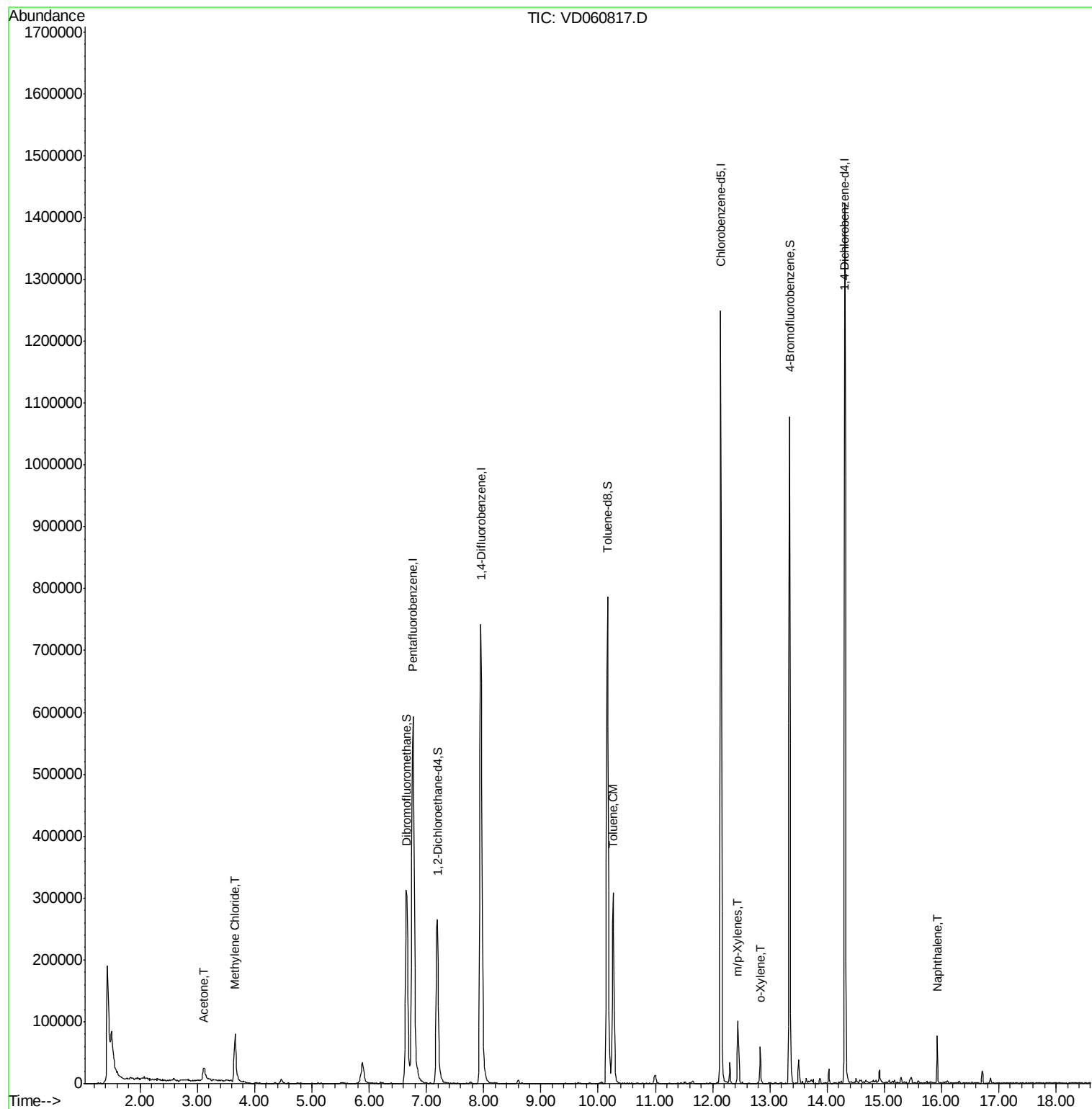
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.77	168	532435	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.95	114	719778	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.14	117	576570	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.31	152	274264	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.19	65	323513	39.63	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	79.26%	
35) Dibromofluoromethane	6.65	113	267211	38.71	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	77.42%	
50) Toluene-d8	10.16	98	602752	37.39	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	74.78%	
62) 4-Bromofluorobenzene	13.34	95	285390	35.22	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	70.44%	
Target Compounds						
16) Acetone	3.12	43	47877	40.609	ug/l	97
20) Methylene Chloride	3.66	84	42598	3.916	ug/l	85
52) Toluene	10.26	92	148958	13.845	ug/l	95
68) m/p-Xylenes	12.45	106	25589	3.320	ug/l	88
69) o-Xylene	12.83	106	10360	1.358	ug/l	93
95) Naphthalene	15.92	128	40374	3.636	ug/l	99

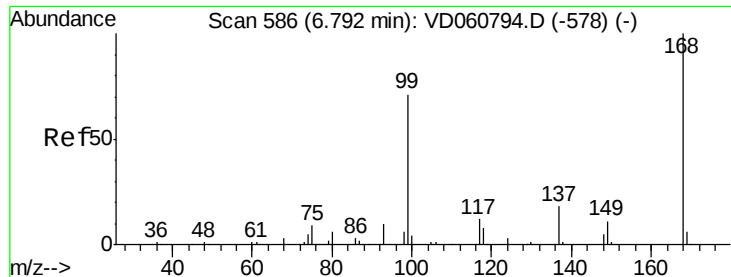
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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OR-02-013119-B

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Quant Title : SW846 8260
QLast Update : Tue Jan 29 13:53:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.77 min Scan# 583

Delta R.T. -0.02 min

Lab File: VD060817.D

Acq: 1 Feb 2019 14:14

Instrument :

MSVOA_D

ClientSampleId :

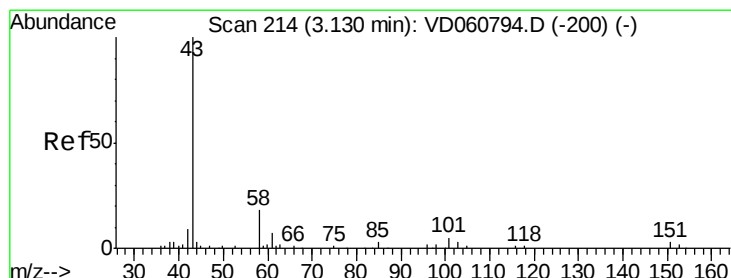
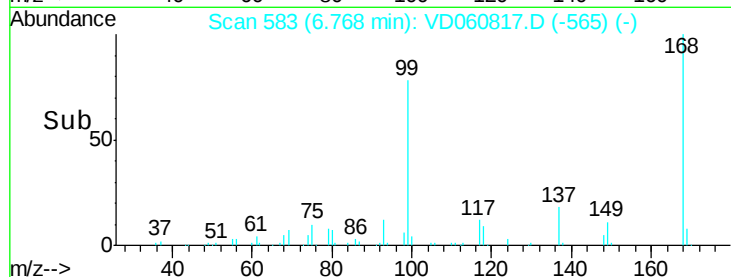
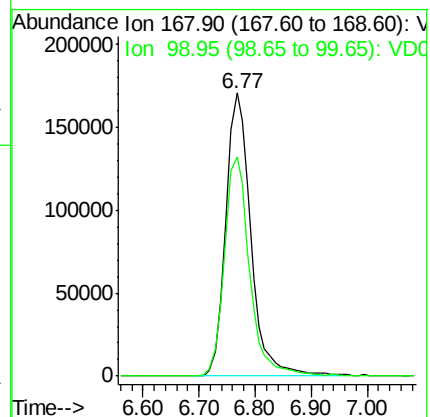
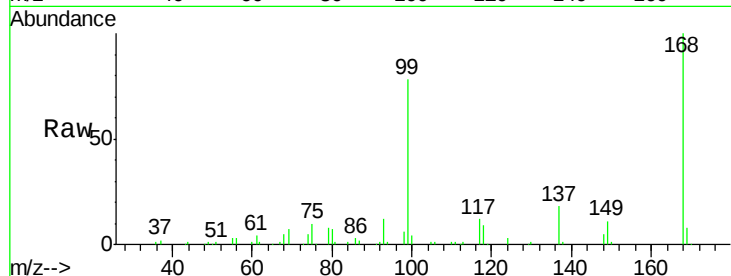
OR-02-013119-B

Tot Ion:168 Resp: 532435

Ion Ratio Lower Upper

168 100

99 77.6 59.2 88.8



#16

Acetone

Concen: 40.609 ug/l

RT: 3.12 min Scan# 212

Delta R.T. -0.01 min

Lab File: VD060817.D

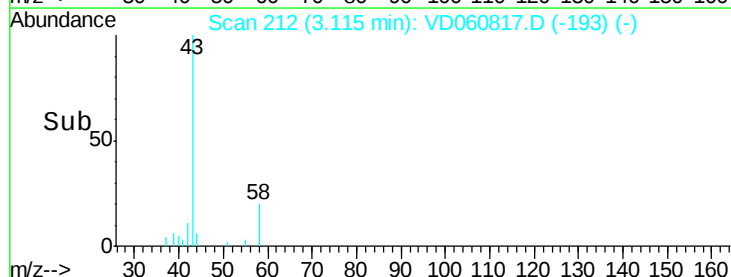
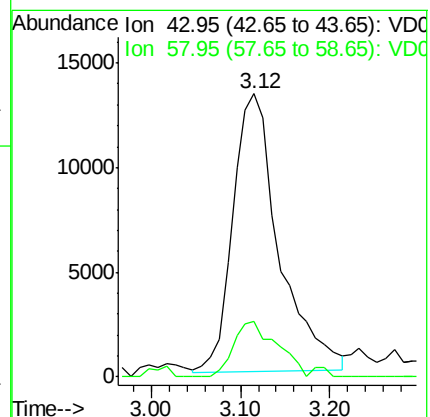
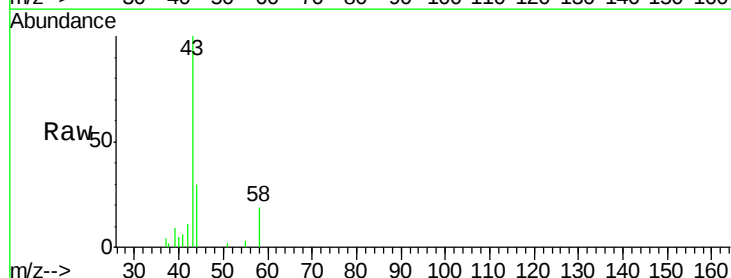
Acq: 1 Feb 2019 14:14

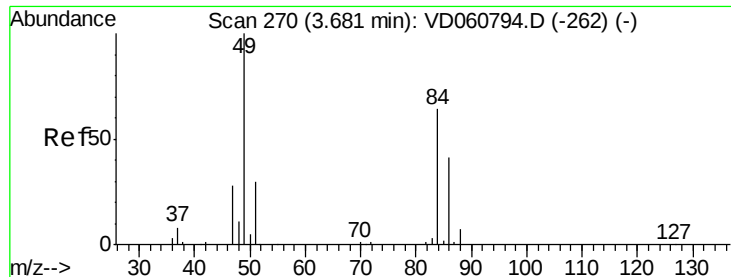
Tgt Ion: 43 Resp: 47877

Ion Ratio Lower Upper

43 100

58 19.4 14.5 21.7

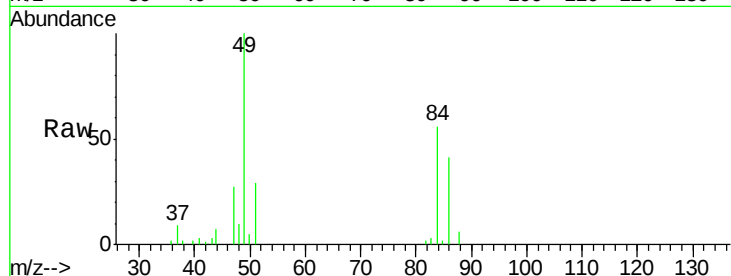




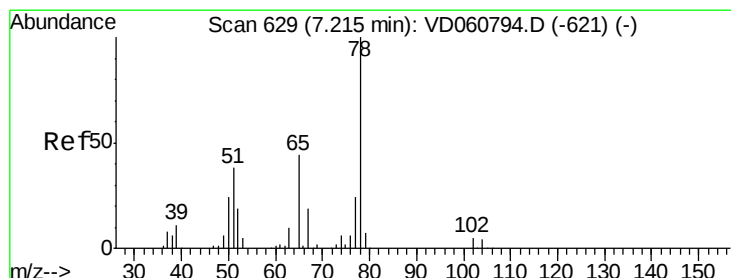
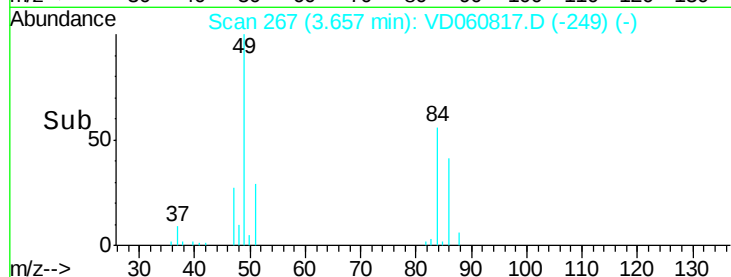
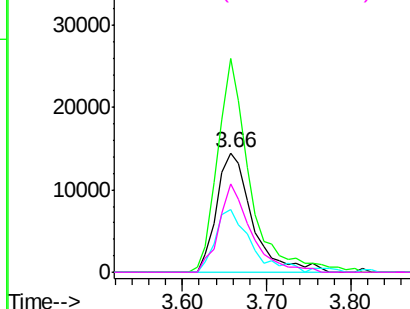
#20
Methylene Chloride
Concen: 3.916 ug/l
RT: 3.66 min Scan# 267
Delta R.T. -0.02 min
Lab File: VD060817.D
Acq: 1 Feb 2019 14:14

Instrument :
MSVOA_D
ClientSampleId :
OR-02-013119-B

Tot Ion: 84 Resp: 42598
Ion Ratio Lower Upper
84 100
49 179.1 124.2 186.2
51 52.3 38.1 57.1
86 74.1 50.6 76.0

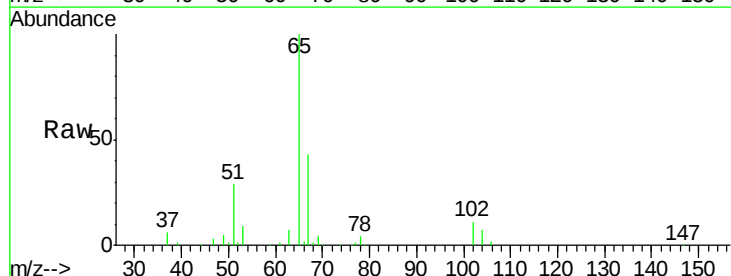


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

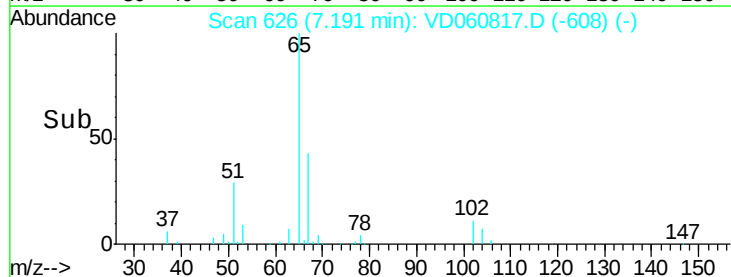
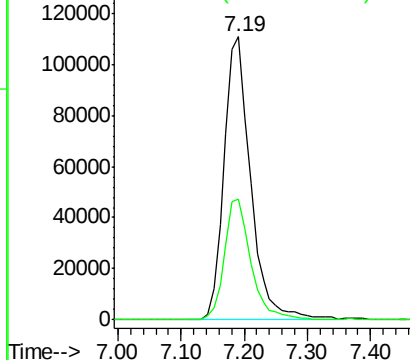


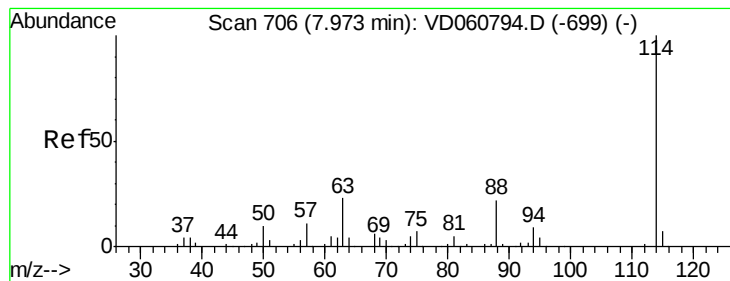
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.19 min Scan# 626
Delta R.T. -0.02 min
Lab File: VD060817.D
Acq: 1 Feb 2019 14:14

Tgt Ion: 65 Resp: 323513
Ion Ratio Lower Upper
65 100
67 42.9 0.0 85.8



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: 7.95 min Scan# 703

Delta R.T. -0.02 min

Lab File: VD060817.D

Acq: 1 Feb 2019 14:14

Instrument :

MSVOA_D

ClientSampleId :

OR-02-013119-B

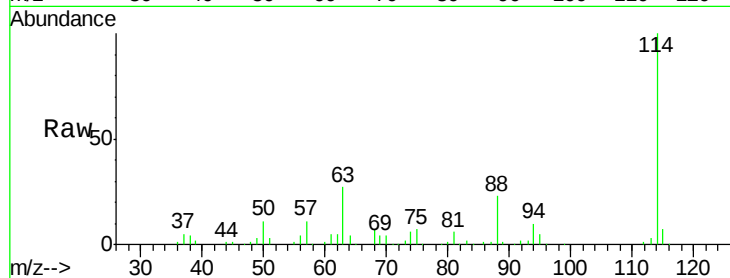
Tot Ion:114 Resp: 719778

Ion Ratio Lower Upper

114 100

63 26.7 0.0 46.6

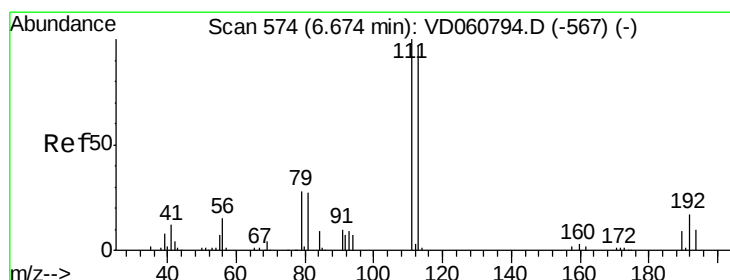
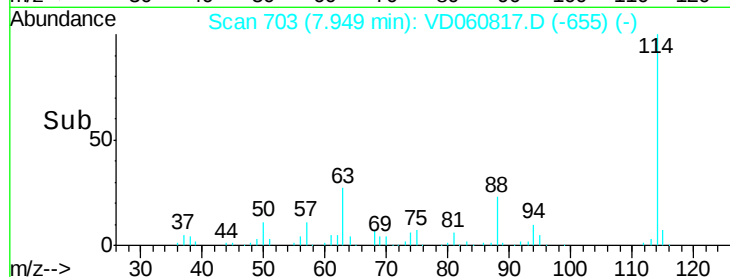
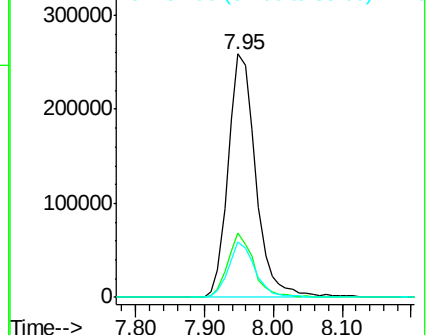
88 22.7 0.0 44.0



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: 6.65 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD060817.D

Acq: 1 Feb 2019 14:14

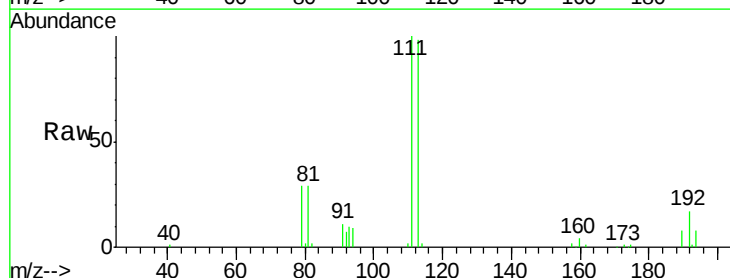
Tgt Ion:113 Resp: 267211

Ion Ratio Lower Upper

113 100

111 102.1 82.3 123.5

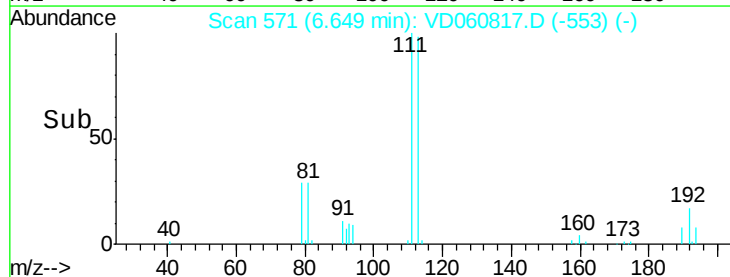
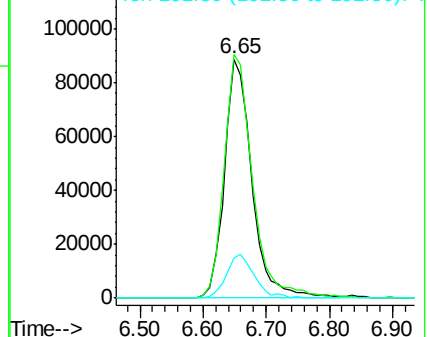
192 16.9 14.4 21.6

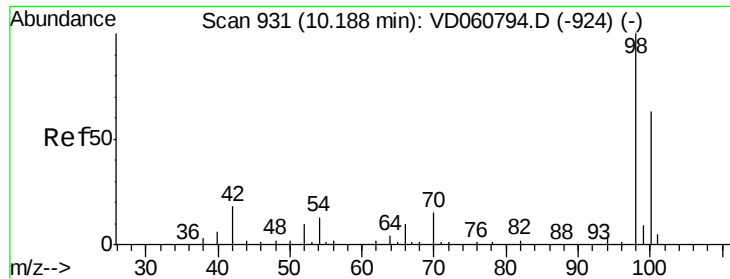


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

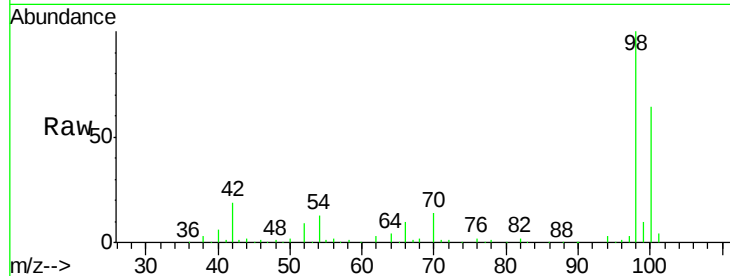




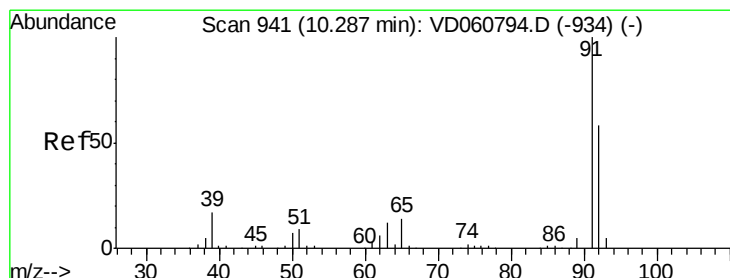
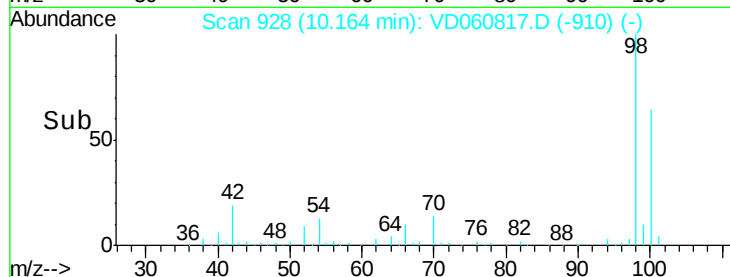
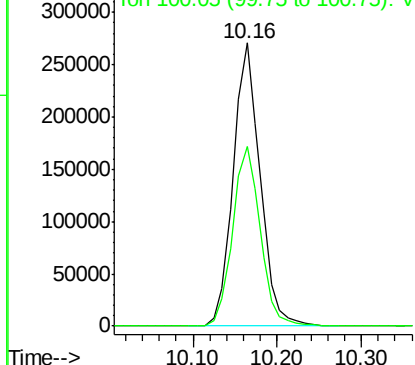
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.16 min Scan# 928
Delta R.T. -0.02 min
Lab File: VD060817.D
Acq: 1 Feb 2019 14:14

Instrument :
MSVOA_D
ClientSampleId :
OR-02-013119-B

Tot Ion: 98 Resp: 602752
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.6

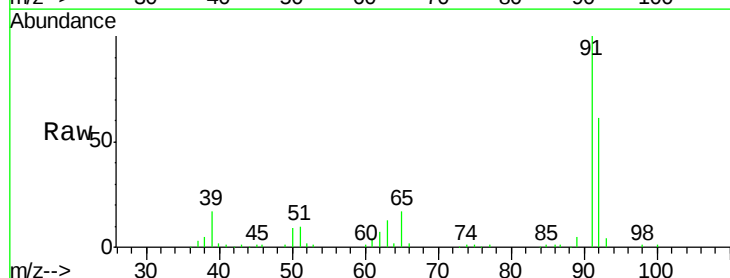


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

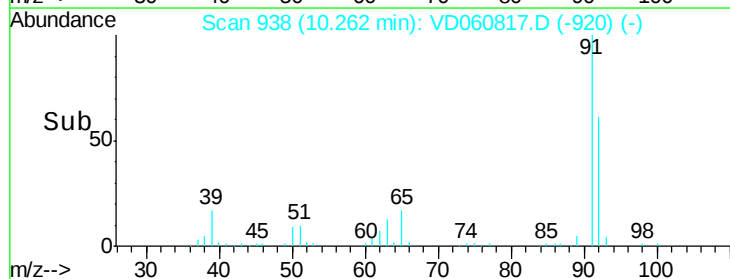
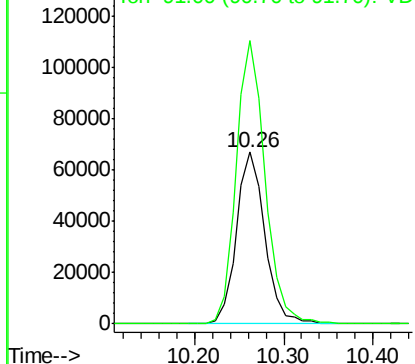


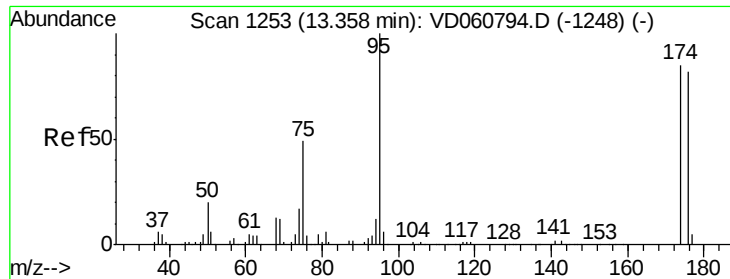
#52
Toluene
Concen: 13.845 ug/l
RT: 10.26 min Scan# 938
Delta R.T. -0.02 min
Lab File: VD060817.D
Acq: 1 Feb 2019 14:14

Tgt Ion: 92 Resp: 148958
Ion Ratio Lower Upper
92 100
91 165.2 137.7 206.5



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: 13.34 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VD060817.D

Acq: 1 Feb 2019 14:14

Instrument :

MSVOA_D

ClientSampleId :

OR-02-013119-B

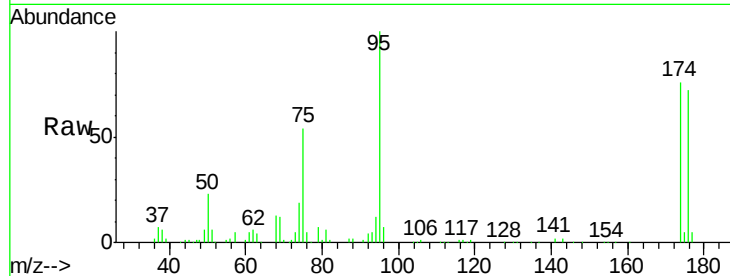
Tot Ion: 95 Resp: 285390

Ion Ratio Lower Upper

95 100

174 75.6 0.0 169.6

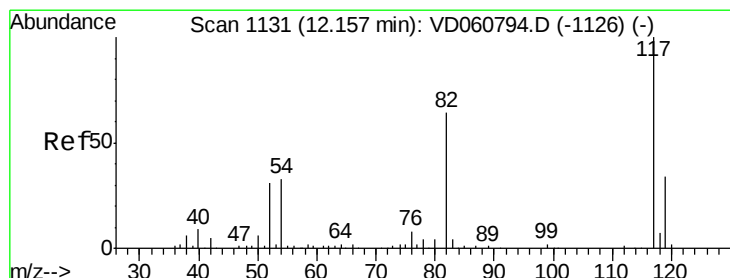
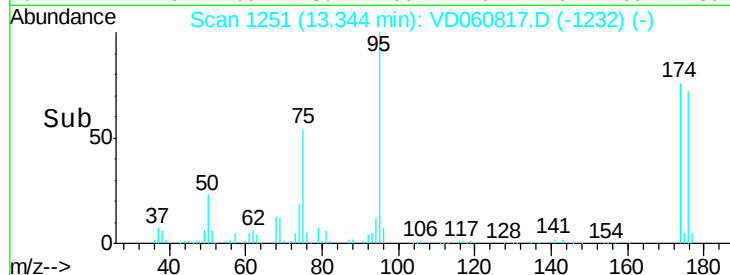
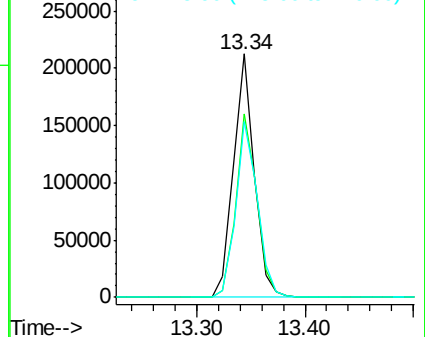
176 72.1 0.0 163.8



Abundance Ion 95.00 (94.70 to 95.70): V

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: 12.14 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VD060817.D

Acq: 1 Feb 2019 14:14

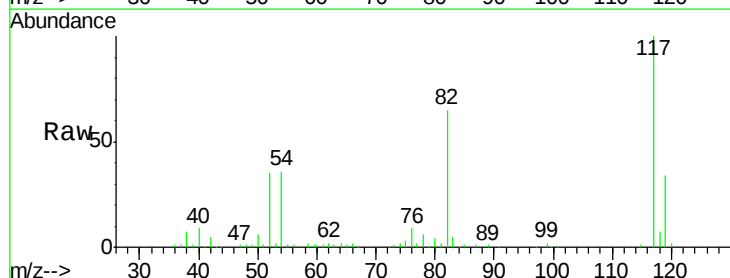
Tgt Ion: 117 Resp: 576570

Ion Ratio Lower Upper

117 100

82 65.2 51.5 77.3

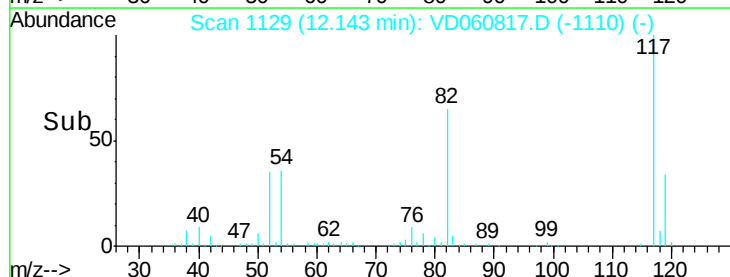
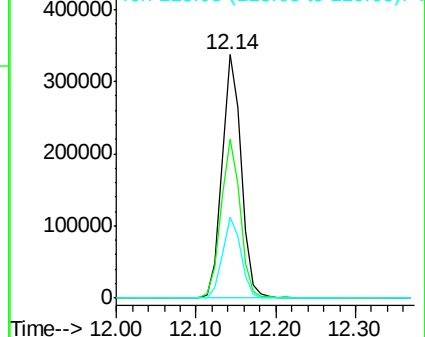
119 33.5 27.1 40.7

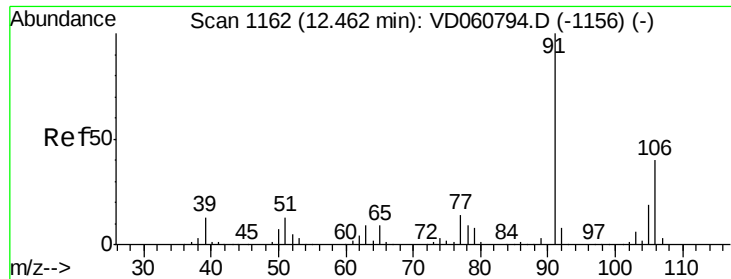


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

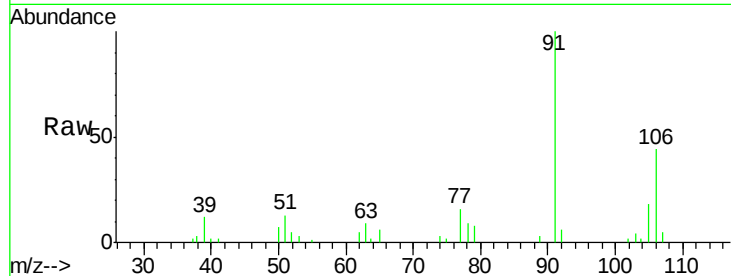




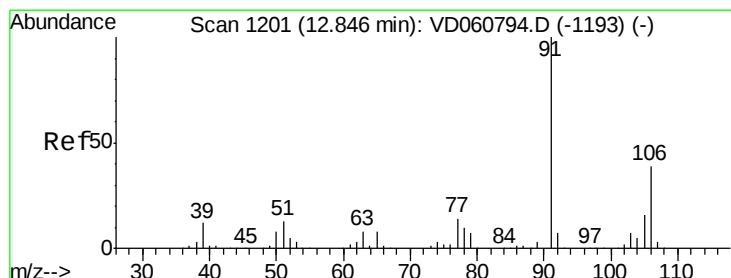
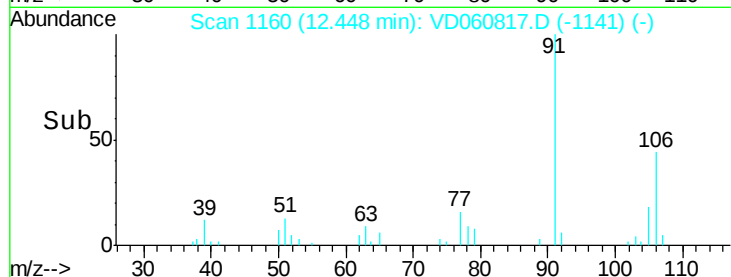
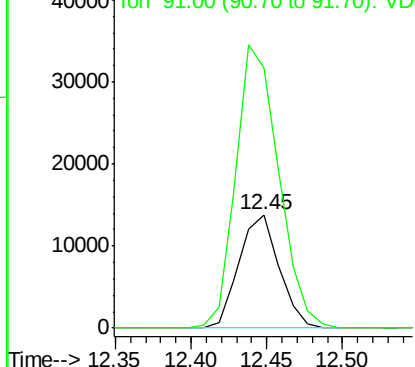
#68
m/p-Xylenes
Concen: 3.320 ug/l
RT: 12.45 min Scan# 1160
Delta R.T. -0.01 min
Lab File: VD060817.D
Acq: 1 Feb 2019 14:14

Instrument :
MSVOA_D
ClientSampleId :
OR-02-013119-B

Tot Ion:106 Resp: 25589
Ion Ratio Lower Upper
106 100
91 229.0 200.5 300.7

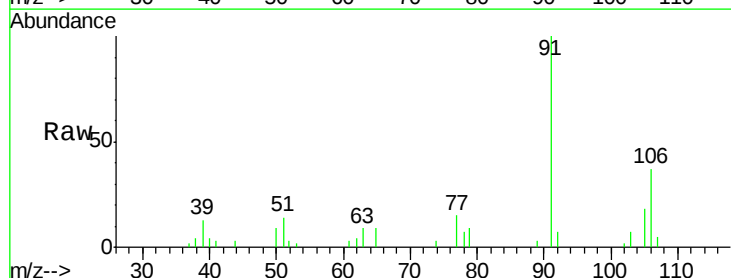


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

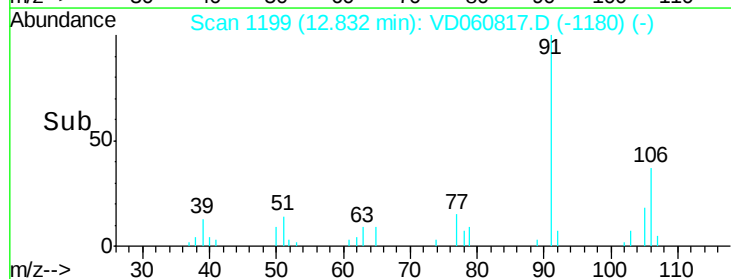
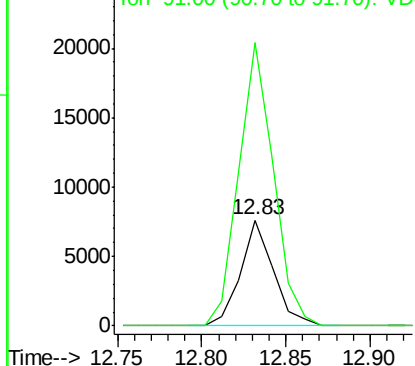


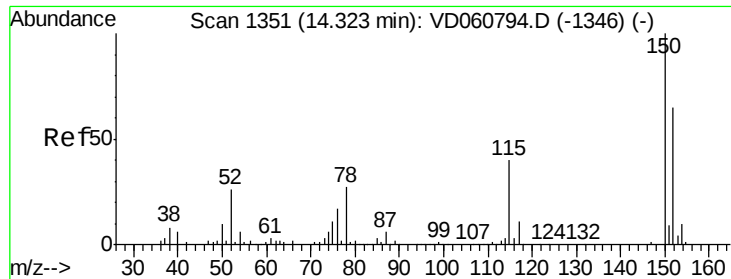
#69
o-Xylene
Concen: 1.358 ug/l
RT: 12.83 min Scan# 1199
Delta R.T. -0.01 min
Lab File: VD060817.D
Acq: 1 Feb 2019 14:14

Tgt Ion:106 Resp: 10360
Ion Ratio Lower Upper
106 100
91 267.2 127.6 382.7



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



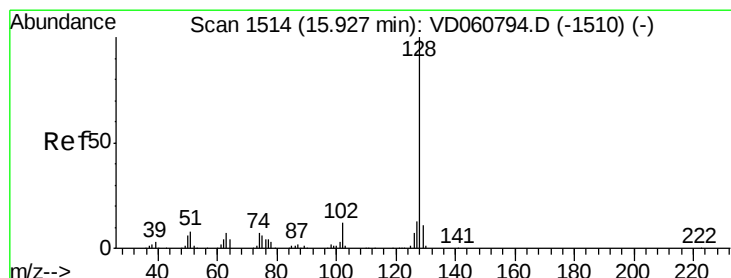
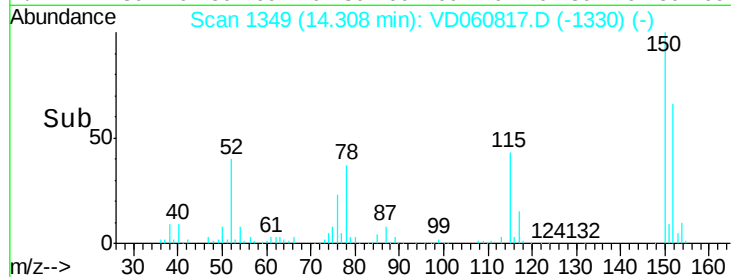
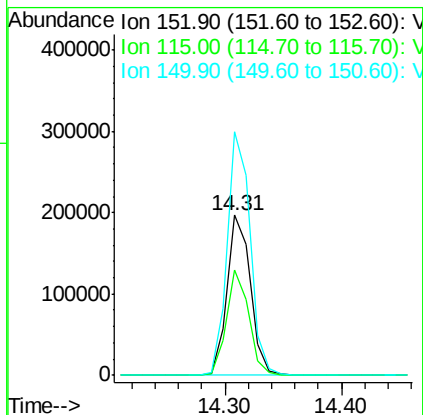
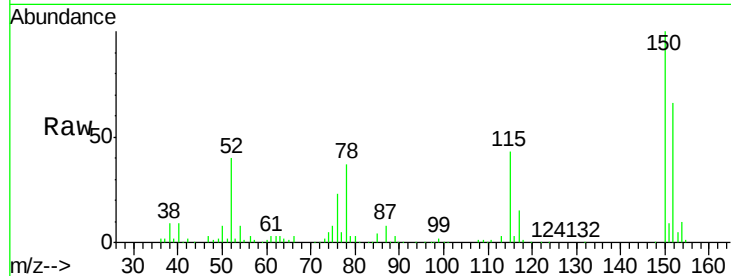


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.31 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VD060817.D
Acq: 1 Feb 2019 14:14

Instrument :
MSVOA_D
ClientSampleId :
OR-02-013119-B

Tot Ion:152 Resp: 274264
Ion Ratio Lower Upper
152 100
115 65.6 31.6 95.0
150 152.1 0.0 317.6



#95

Naphthalene
Concen: 3.636 ug/l
RT: 15.92 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VD060817.D
Acq: 1 Feb 2019 14:14

Tgt Ion:128 Resp: 40374
Ion Ratio Lower Upper
128 100
127 12.1 10.4 15.6
129 11.0 8.7 13.1

