

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122618\
 Data File : VD060716.D
 Acq On : 26 Dec 2018 17:15
 Operator : VA/AP
 Sample : J6195-11
 Misc : 6.61a/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-122618-A

Quant Time: Dec 27 02:52:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

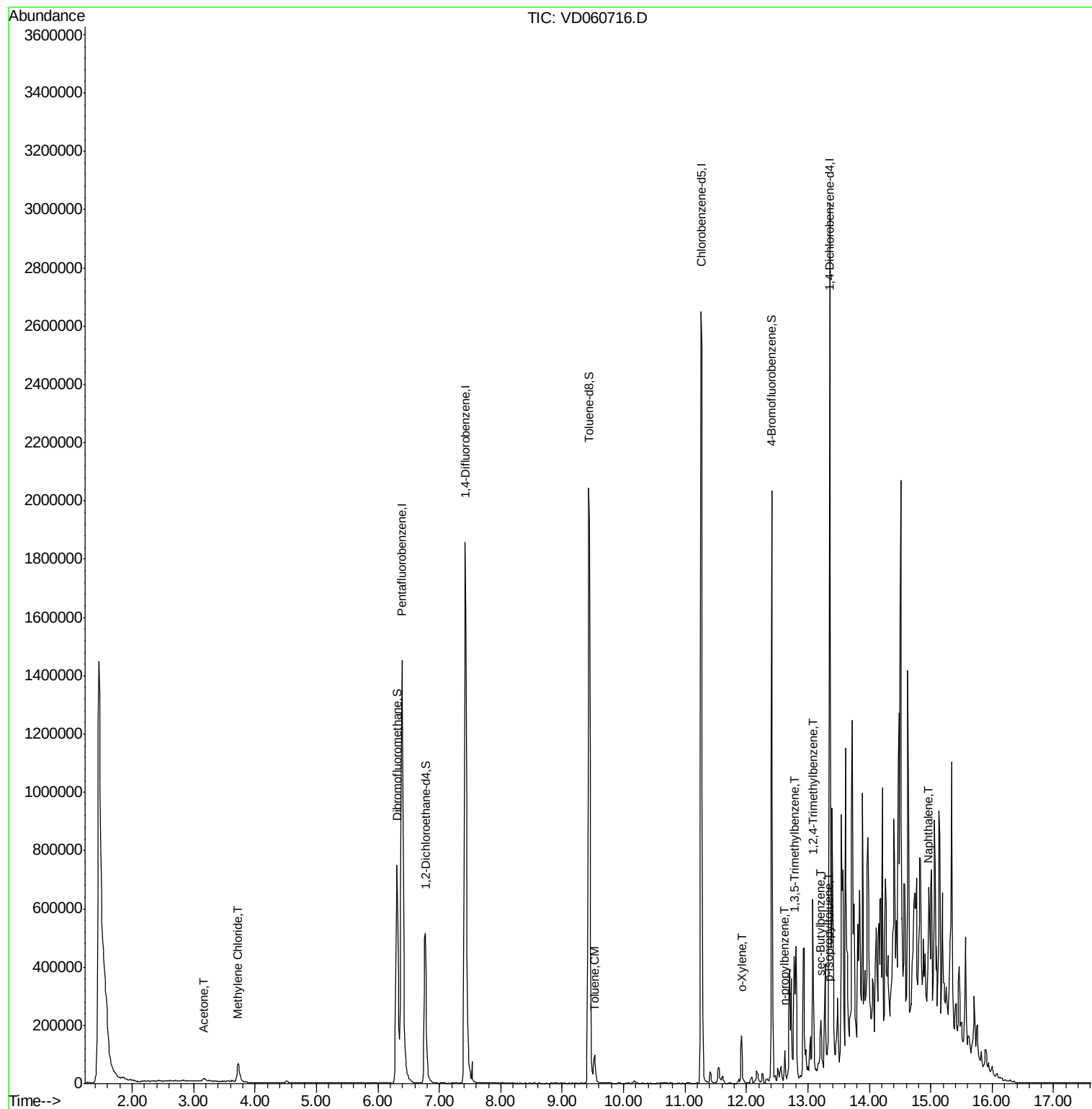
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1488790	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	2018584	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1546021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	645446	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	454716	44.20	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	88.40%	
35) Dibromofluoromethane	6.31	113	615746	41.68	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	83.36%	
50) Toluene-d8	9.43	98	1678592	38.08	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	76.16%	
62) 4-Bromofluorobenzene	12.41	95	533370	34.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.10%	
Target Compounds						
					Qvalue	
16) Acetone	3.16	43	25581	14.237	ug/l	97
20) Methylene Chloride	3.72	84	44446	2.382	ug/l	98
52) Toluene	9.53	92	48126	1.430	ug/l	96
69) o-Xylene	11.92	106	37909	1.869	ug/l	94
78) n-propylbenzene	12.62	91	76454	1.301	ug/l	91
80) 1,3,5-Trimethylbenzene	12.78	105	170202	4.796	ug/l	96
84) 1,2,4-Trimethylbenzene	13.08	105	252537	6.910	ug/l	100
85) sec-Butylbenzene	13.21	105	57260	1.163	ug/l	93
86) p-Isopropyltoluene	13.33	119	44381	1.116	ug/l	94
95) Naphthalene	14.95	128	68722	4.067	ug/l #	93

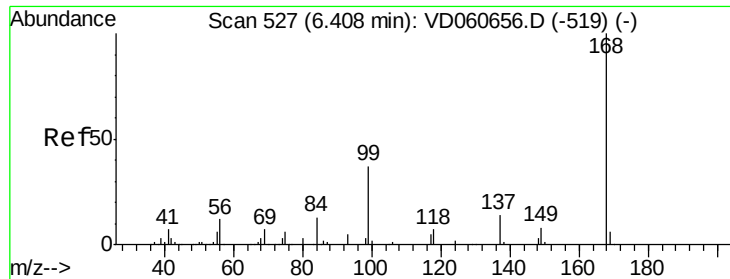
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122618\
Data File : VD060716.D
Acq On : 26 Dec 2018 17:15
Operator : VA/AP
Sample : J6195-11
Misc : 6.61a/5ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-01-122618-A

Quant Time: Dec 27 02:52:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 525

Delta R.T. -0.02 min

Lab File: VD060716.D

Acq: 26 Dec 2018 17:15

Instrument :

MSVOA_D

ClientSampleId :

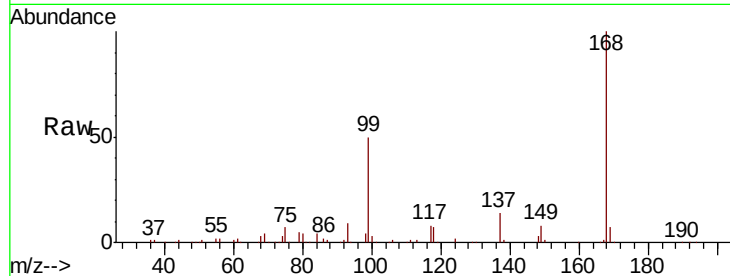
OR-01-122618-A

Tot Ion:168 Resp: 1488790

Ion Ratio Lower Upper

168 100

99 49.8 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

500000

400000

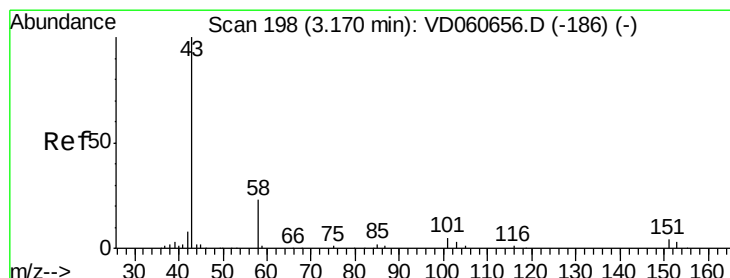
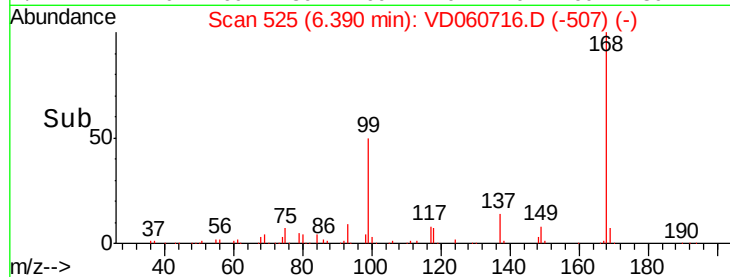
300000

200000

100000

0

Time--> 6.20 6.30 6.40 6.50 6.60



#16

Acetone

Concen: 14.237 ug/l

RT: 3.16 min Scan# 197

Delta R.T. -0.01 min

Lab File: VD060716.D

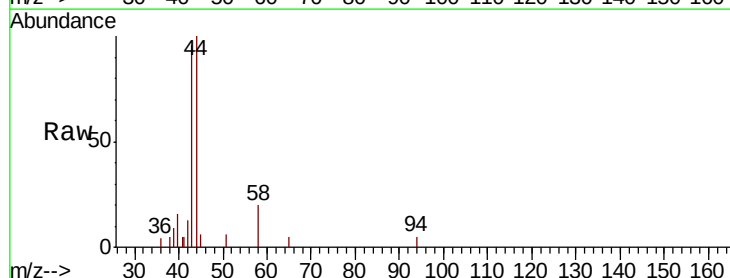
Acq: 26 Dec 2018 17:15

Tgt Ion: 43 Resp: 25581

Ion Ratio Lower Upper

43 100

58 21.3 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.16

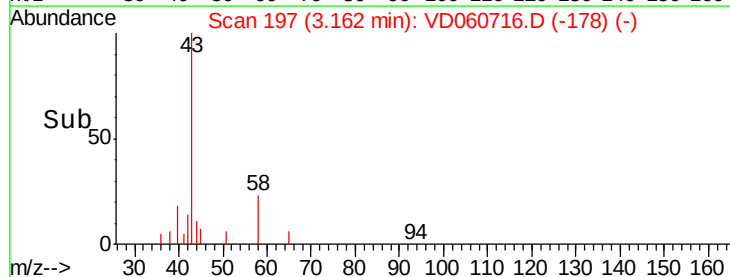
6000

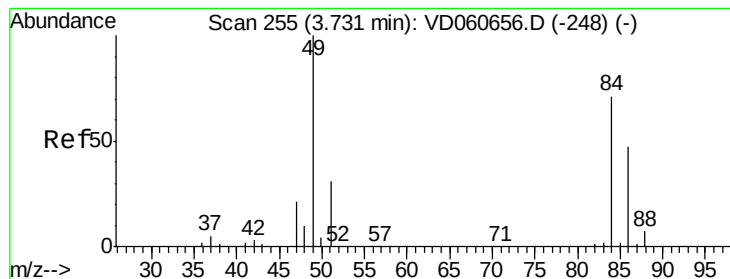
4000

2000

0

Time--> 3.00 3.10 3.20 3.30





#20

Methylene Chloride

Concen: 2.382 ug/l

RT: 3.72 min Scan# 254

Delta R.T. -0.01 min

Lab File: VD060716.D

Acq: 26 Dec 2018 17:15

Instrument :

MSVOA_D

ClientSampleId :

OR-01-122618-A

Tot Ion: 84 Resp: 44446

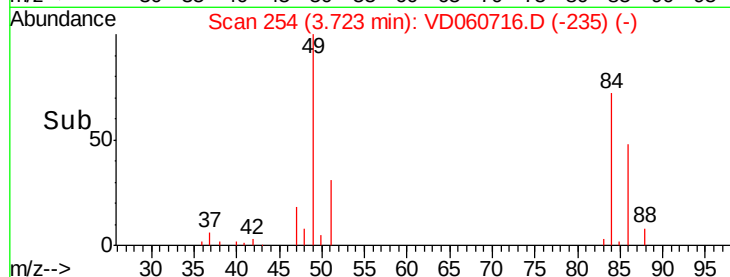
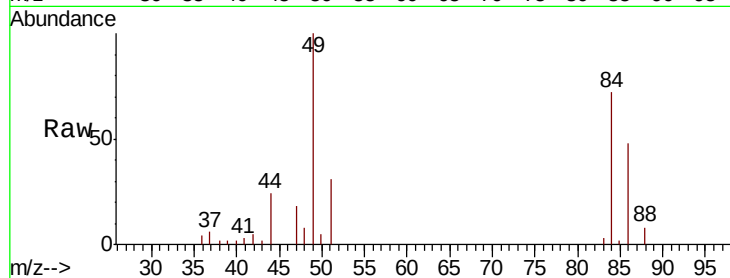
Ion Ratio Lower Upper

84 100

49 138.3 113.6 170.4

51 42.7 34.7 52.1

86 66.8 52.8 79.2



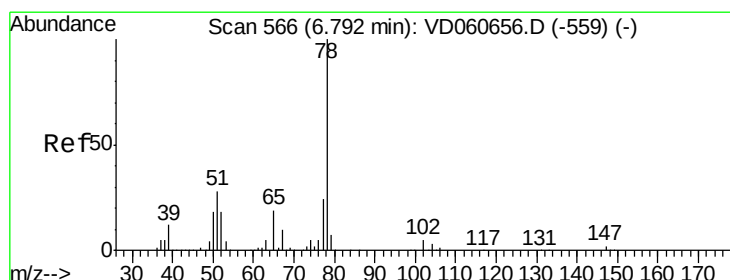
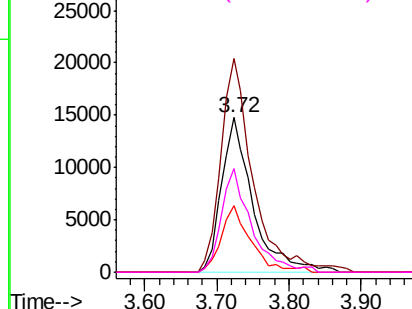
Abundance

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: 6.77 min Scan# 564

Delta R.T. -0.02 min

Lab File: VD060716.D

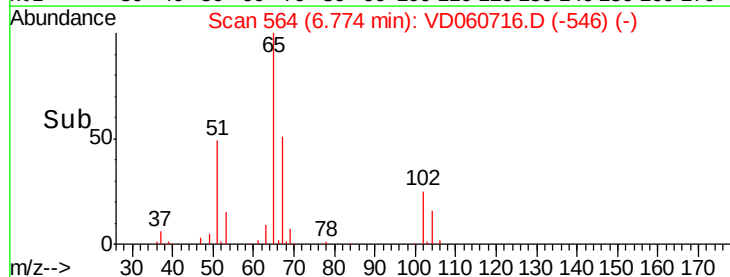
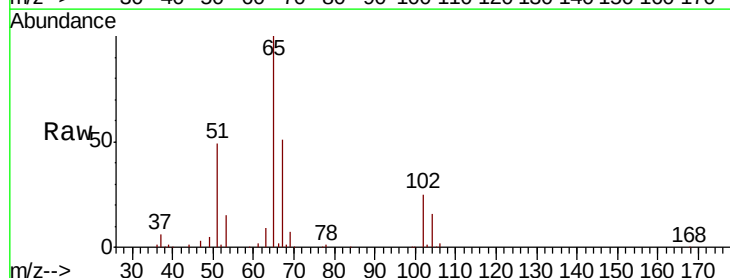
Acq: 26 Dec 2018 17:15

Tgt Ion: 65 Resp: 454716

Ion Ratio Lower Upper

65 100

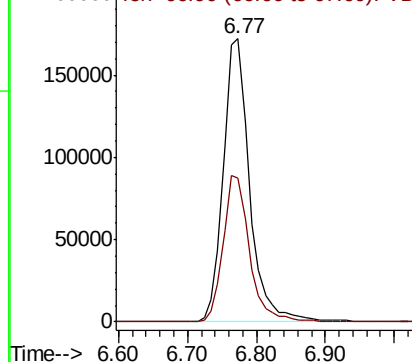
67 50.7 0.0 105.4

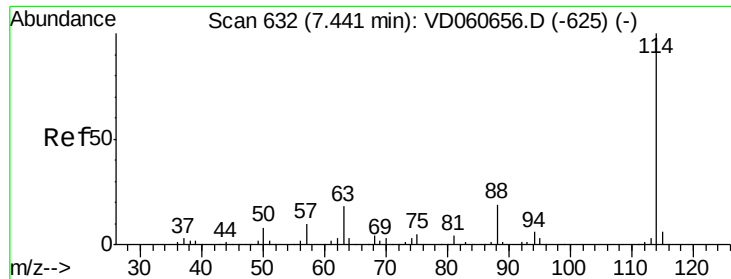


Abundance

Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

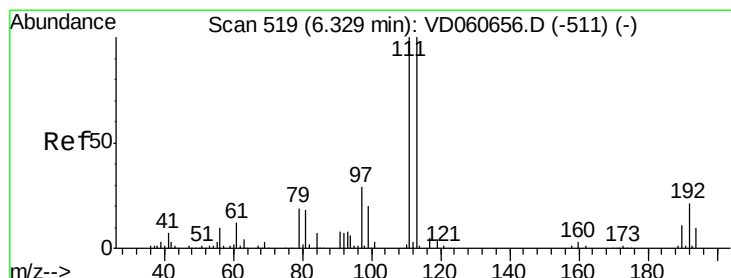
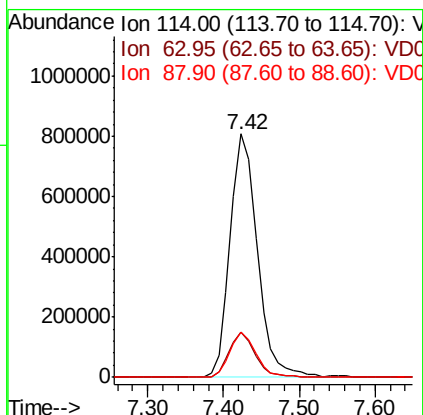
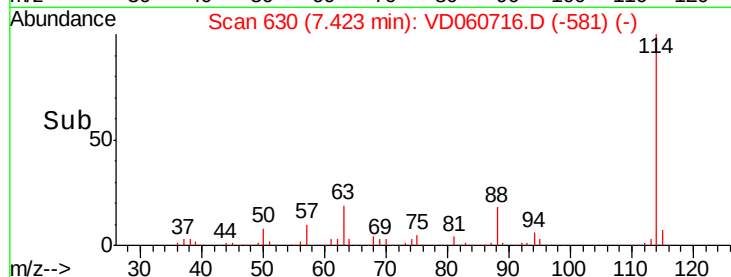
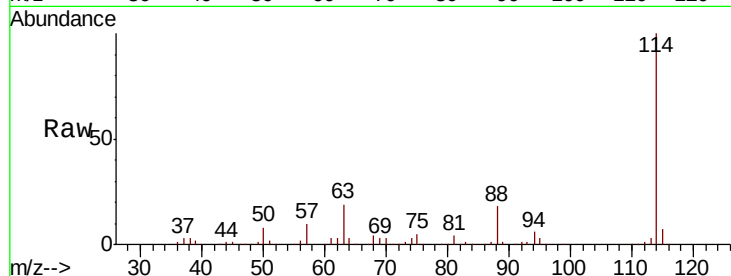




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.42 min Scan# 630
Delta R.T. -0.02 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

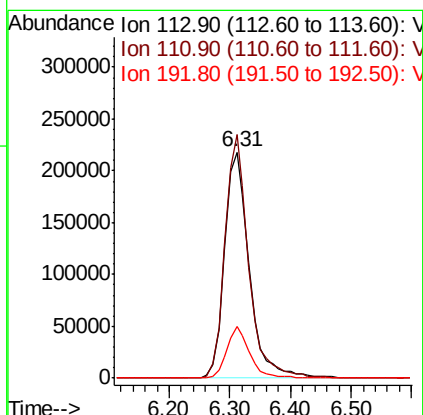
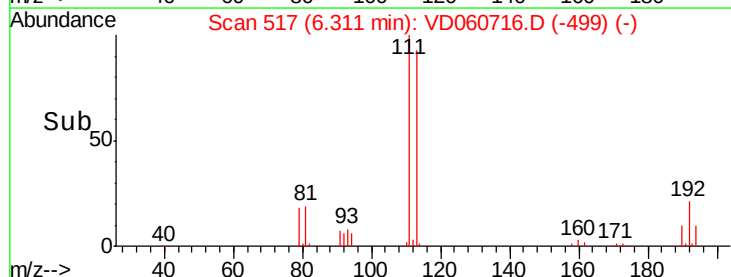
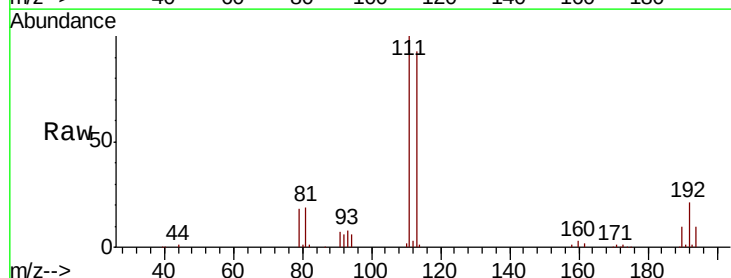
Instrument :
MSVOA_D
ClientSampleId :
OR-01-122618-A

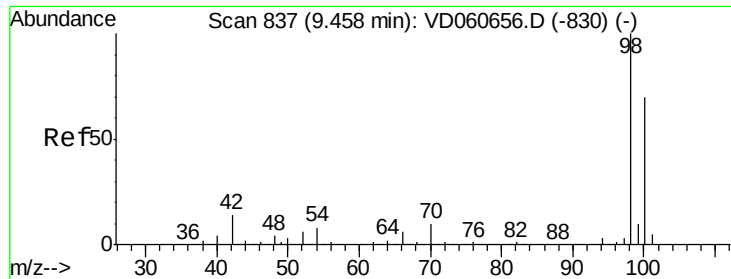
Tot Ion:114 Resp: 2018584
Ion Ratio Lower Upper
114 100
63 18.8 0.0 36.2
88 18.4 0.0 37.0



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.31 min Scan# 517
Delta R.T. -0.02 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

Tgt Ion:113 Resp: 615746
Ion Ratio Lower Upper
113 100
111 107.8 80.0 120.0
192 22.6 16.6 25.0

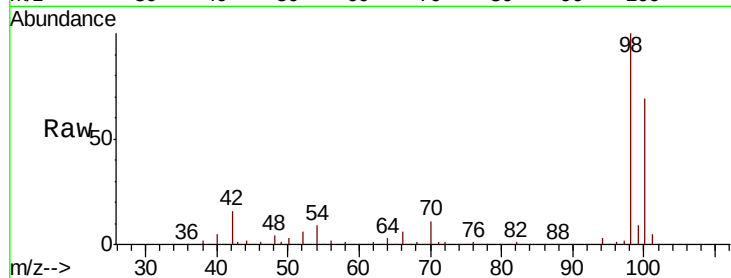




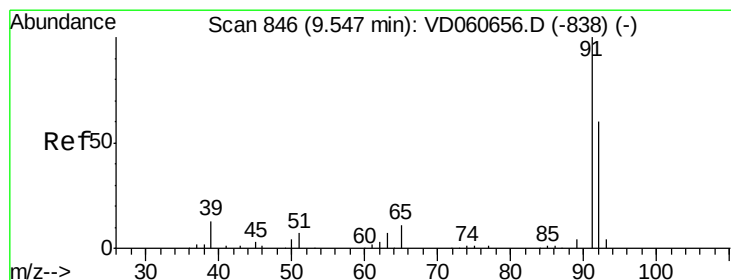
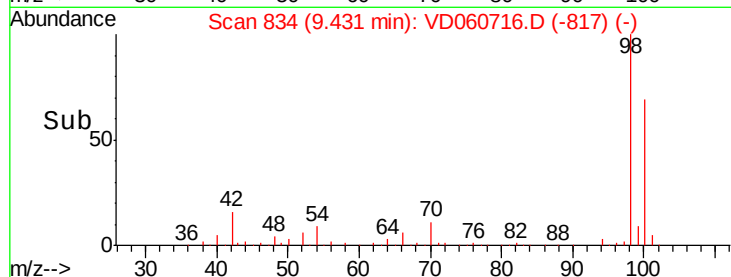
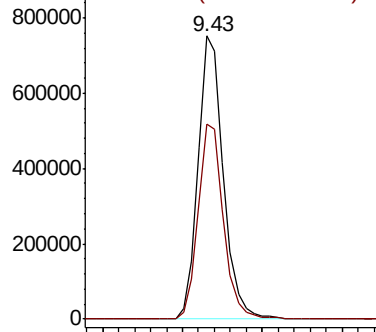
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 834
Delta R.T. -0.03 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

Instrument :
MSVOA_D
ClientSampleId :
OR-01-122618-A

Tot Ion: 98 Resp: 1678592
Ion Ratio Lower Upper
98 100
100 68.9 55.8 83.8

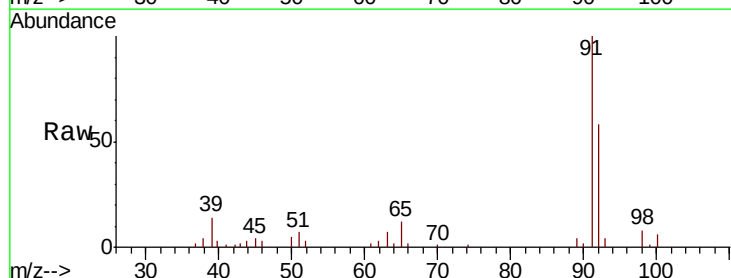


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

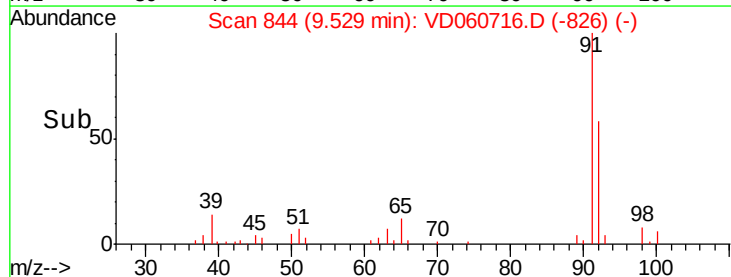
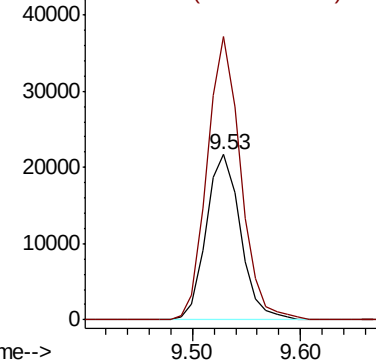


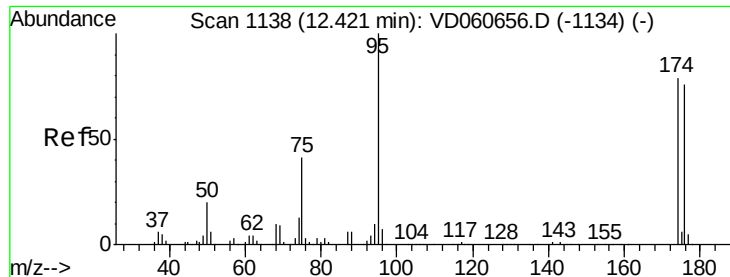
#52
Toluene
Concen: 1.430 ug/l
RT: 9.53 min Scan# 844
Delta R.T. -0.02 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

Tgt Ion: 92 Resp: 48126
Ion Ratio Lower Upper
92 100
91 171.4 132.6 199.0



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: 12.41 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VD060716.D

Acq: 26 Dec 2018 17:15

Instrument :

MSVOA_D

ClientSampleId :

OR-01-122618-A

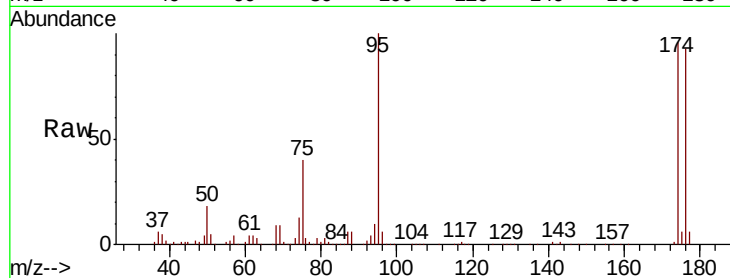
Tot Ion: 95 Resp: 533370

Ion Ratio Lower Upper

95 100

174 96.1 0.0 158.2

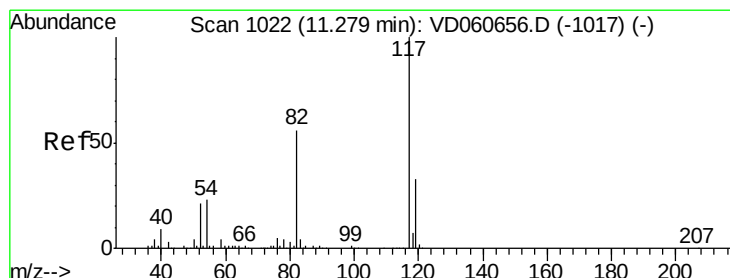
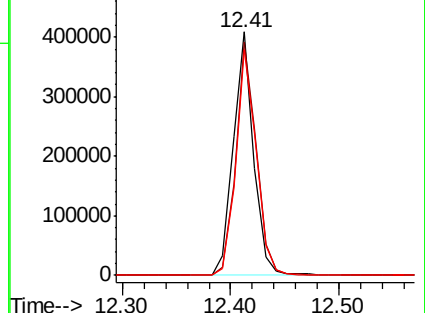
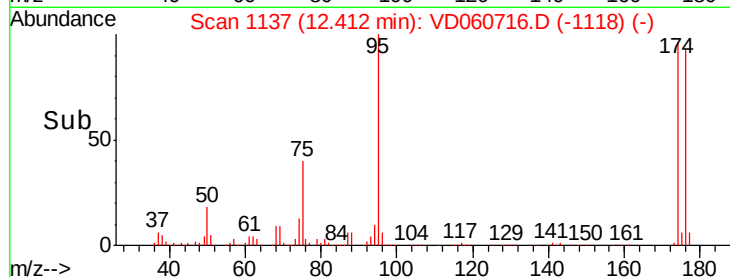
176 92.6 0.0 152.4



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: 11.27 min Scan# 1021

Delta R.T. -0.01 min

Lab File: VD060716.D

Acq: 26 Dec 2018 17:15

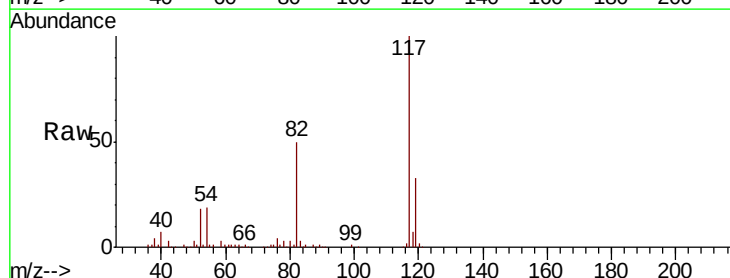
Tgt Ion: 117 Resp: 1546021

Ion Ratio Lower Upper

117 100

82 49.9 44.5 66.7

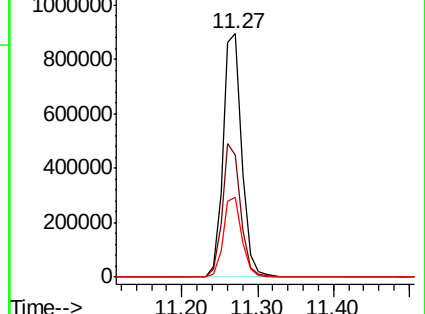
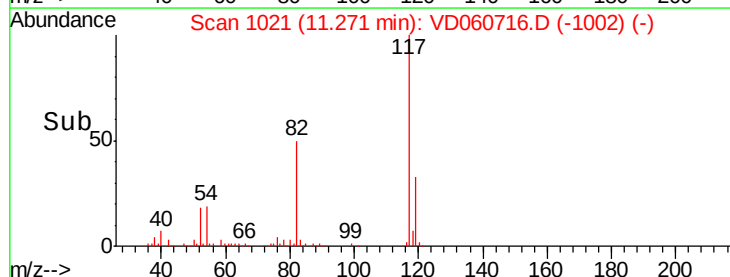
119 32.6 26.3 39.5

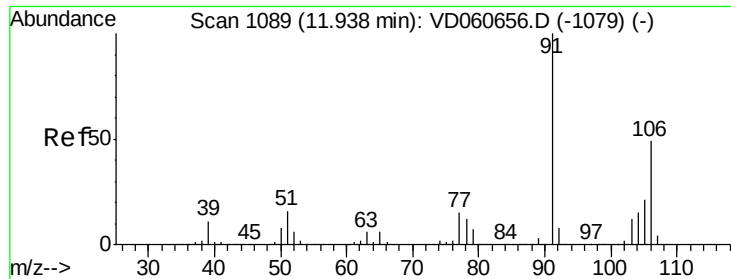


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

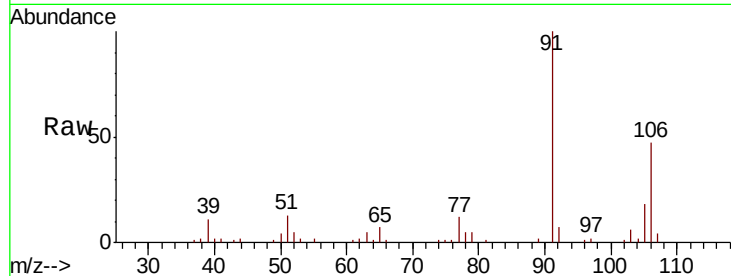




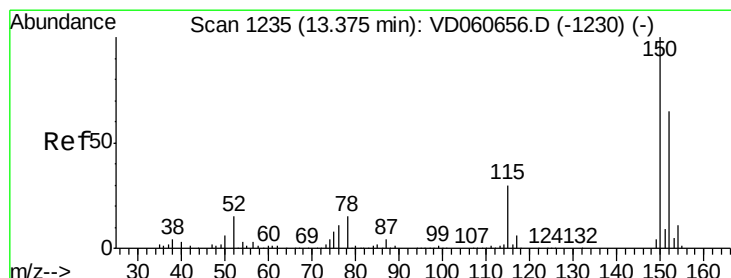
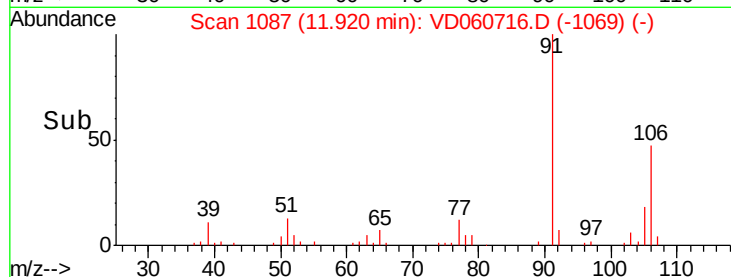
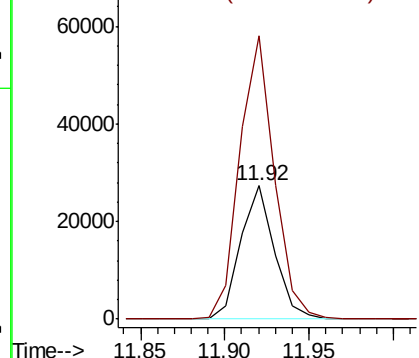
#69
o-Xylene
Concen: 1.869 ug/l
RT: 11.92 min Scan# 1087
Delta R.T. -0.02 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

Instrument :
MSVOA_D
ClientSampleId :
OR-01-122618-A

Tot Ion:106 Resp: 37909
Ion Ratio Lower Upper
106 100
91 212.7 101.5 304.5

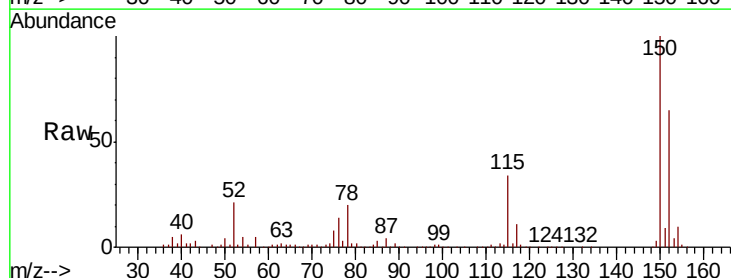


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

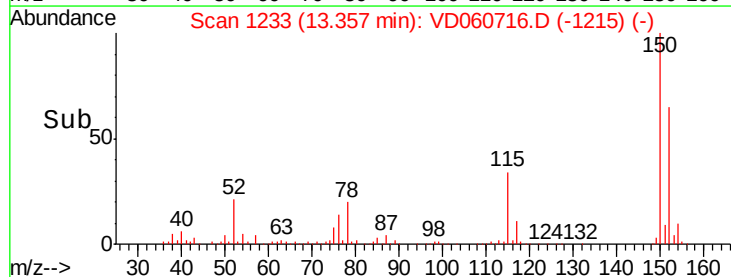
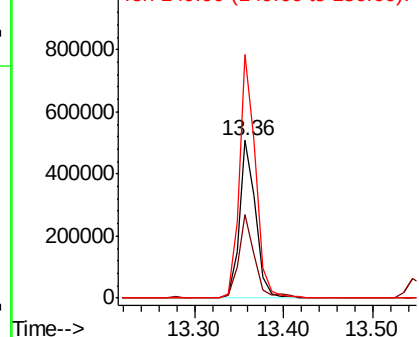


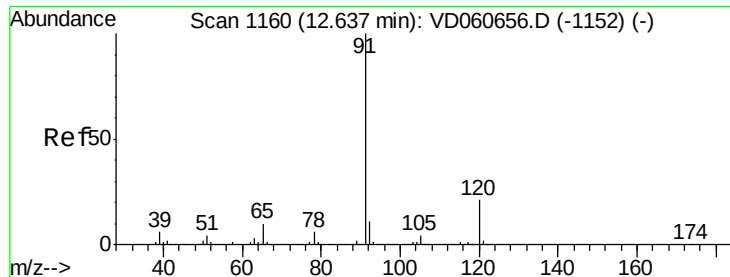
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1233
Delta R.T. -0.02 min
Lab File: VD060716.D
Acq: 26 Dec 2018 17:15

Tgt Ion:152 Resp: 645446
Ion Ratio Lower Upper
152 100
115 53.1 24.1 72.3
150 154.8 0.0 315.0



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





#78

n-propylbenzene

Concen: 1.301 ug/l

RT: 12.62 min Scan# 1158

Delta R.T. -0.02 min

Lab File: VD060716.D

Acq: 26 Dec 2018 17:15

Instrument :

MSVOA_D

ClientSampleId :

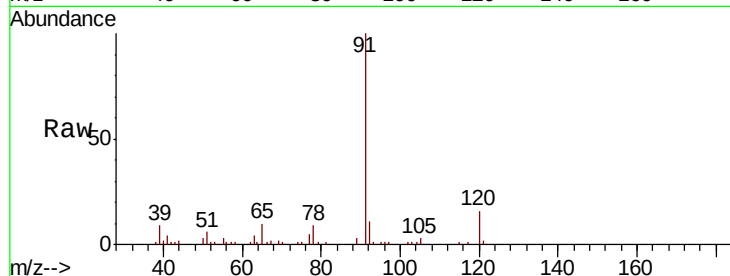
OR-01-122618-A

Tot Ion: 91 Resp: 76454

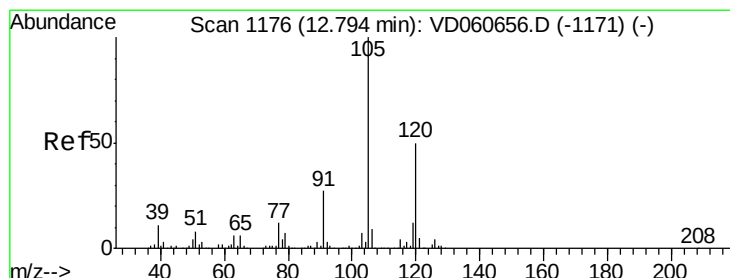
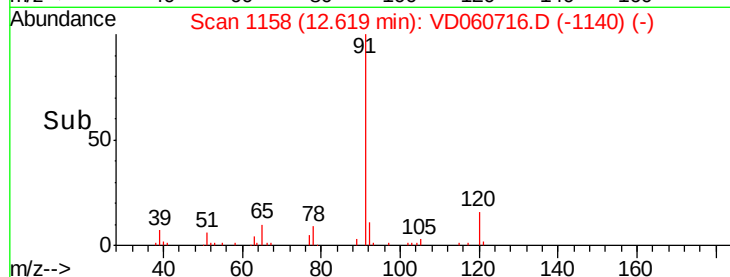
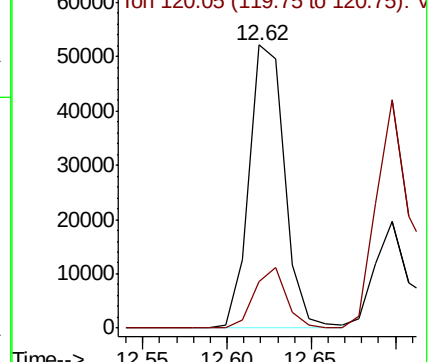
Ion Ratio Lower Upper

91 100

120 16.4 10.4 31.2



Abundance Ion 91.00 (90.70 to 91.70): VD060716.D (-1152) (-)



#80

1,3,5-Trimethylbenzene

Concen: 4.796 ug/l

RT: 12.78 min Scan# 1174

Delta R.T. -0.02 min

Lab File: VD060716.D

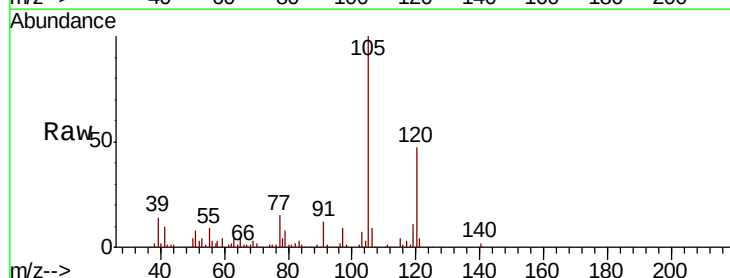
Acq: 26 Dec 2018 17:15

Tgt Ion: 105 Resp: 170202

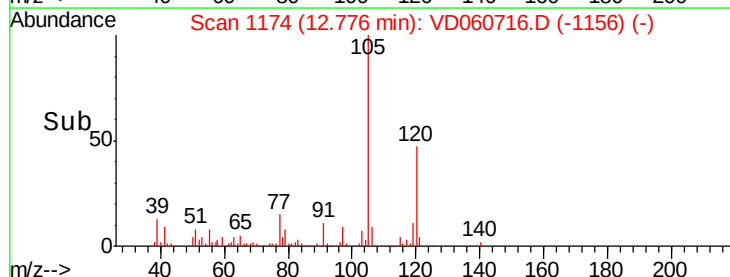
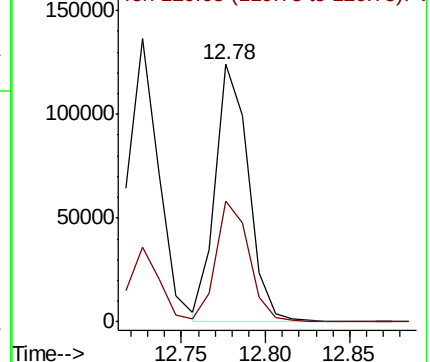
Ion Ratio Lower Upper

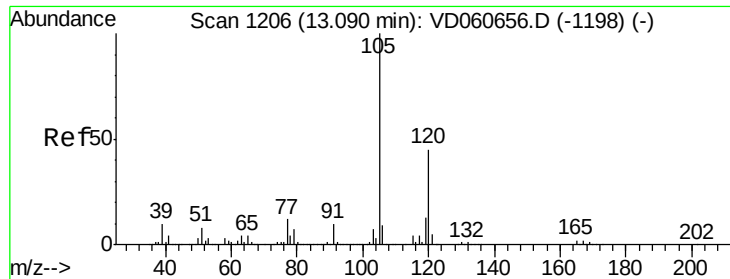
105 100

120 46.9 24.8 74.4



Abundance Ion 105.05 (104.75 to 105.75): VD060716.D (-1156) (-)

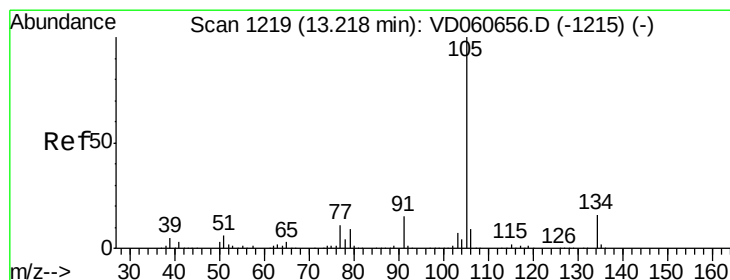
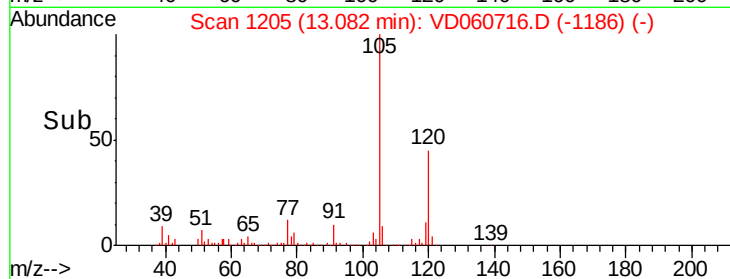
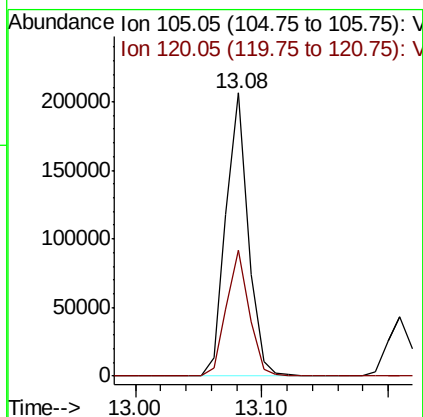
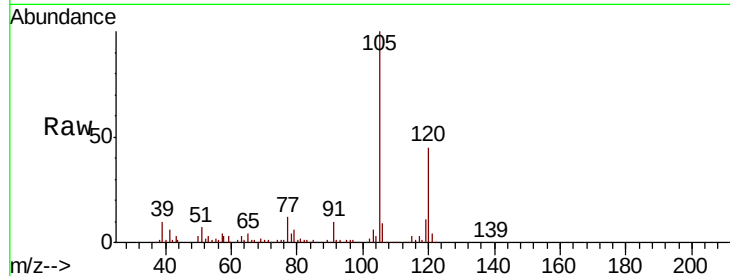




#84
 1,2,4-Trimethylbenzene
 Concen: 6.910 ug/l
 RT: 13.08 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: VD060716.D
 Acq: 26 Dec 2018 17:15

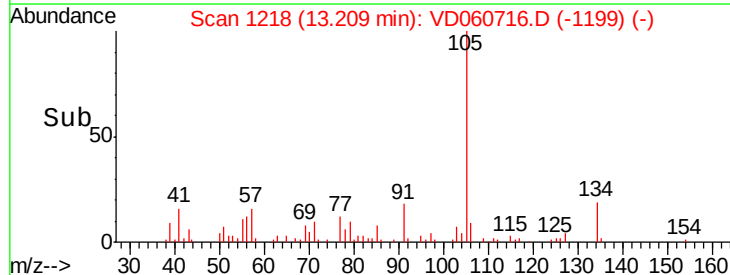
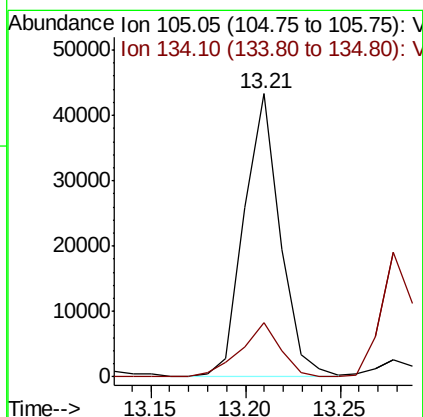
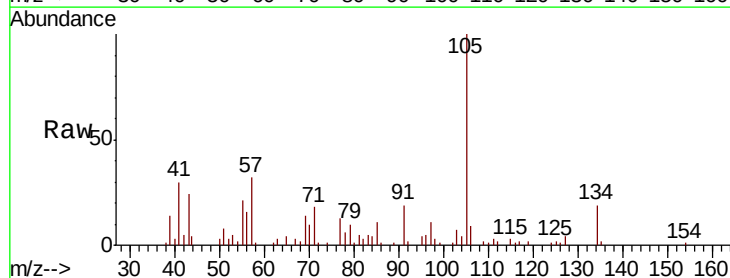
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-122618-A

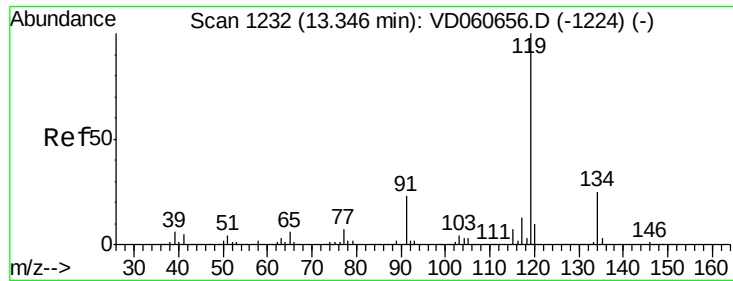
Tot Ion:105 Resp: 252537
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.0



#85
 sec-Butylbenzene
 Concen: 1.163 ug/l
 RT: 13.21 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: VD060716.D
 Acq: 26 Dec 2018 17:15

Tgt Ion:105 Resp: 57260
 Ion Ratio Lower Upper
 105 100
 134 19.2 8.2 24.4

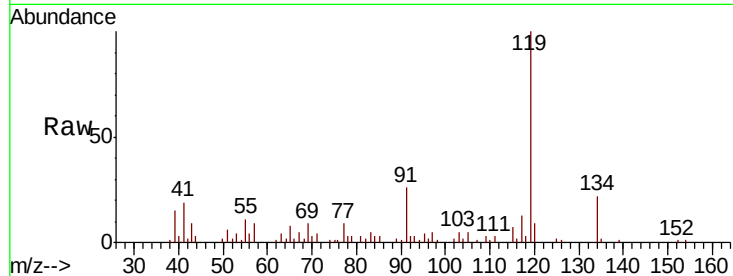




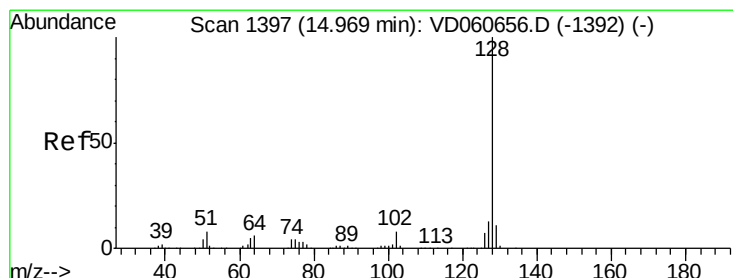
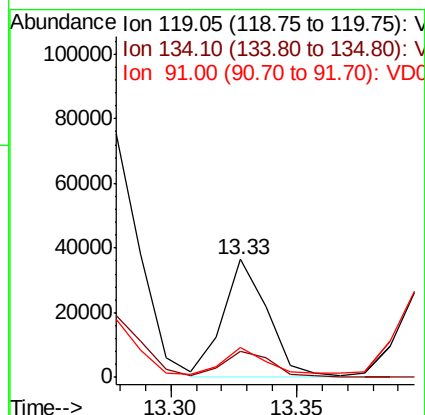
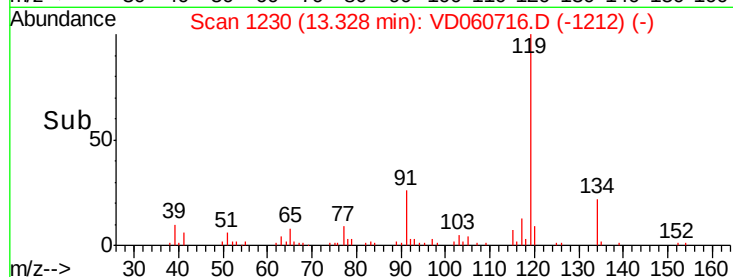
#86
 p-Isopropyltoluene
 Concen: 1.116 ug/l
 RT: 13.33 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: VD060716.D
 Acq: 26 Dec 2018 17:15

Instrument :
 MSVOA_D
 ClientSampleID :
 OR-01-122618-A

Tot Ion:119 Resp: 44381
 Ion Ratio Lower Upper
 119 100
 134 22.5 12.5 37.5
 91 25.9 11.4 34.2

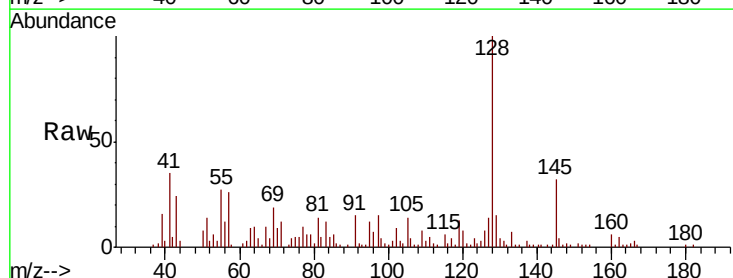


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 134.10 (133.80 to 134.80): V
 Ion 91.00 (90.70 to 91.70): V



#95
 Naphthalene
 Concen: 4.067 ug/l
 RT: 14.95 min Scan# 1395
 Delta R.T. -0.02 min
 Lab File: VD060716.D
 Acq: 26 Dec 2018 17:15

Tgt Ion:128 Resp: 68722
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.1 15.1
 129 15.4 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

