

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121918\
 Data File : VD060639.D
 Acq On : 19 Dec 2018 14:39
 Operator : VA/AP
 Sample : J6194-09
 Misc : 7.1G/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-121818-B

Quant Time: Dec 20 01:25:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

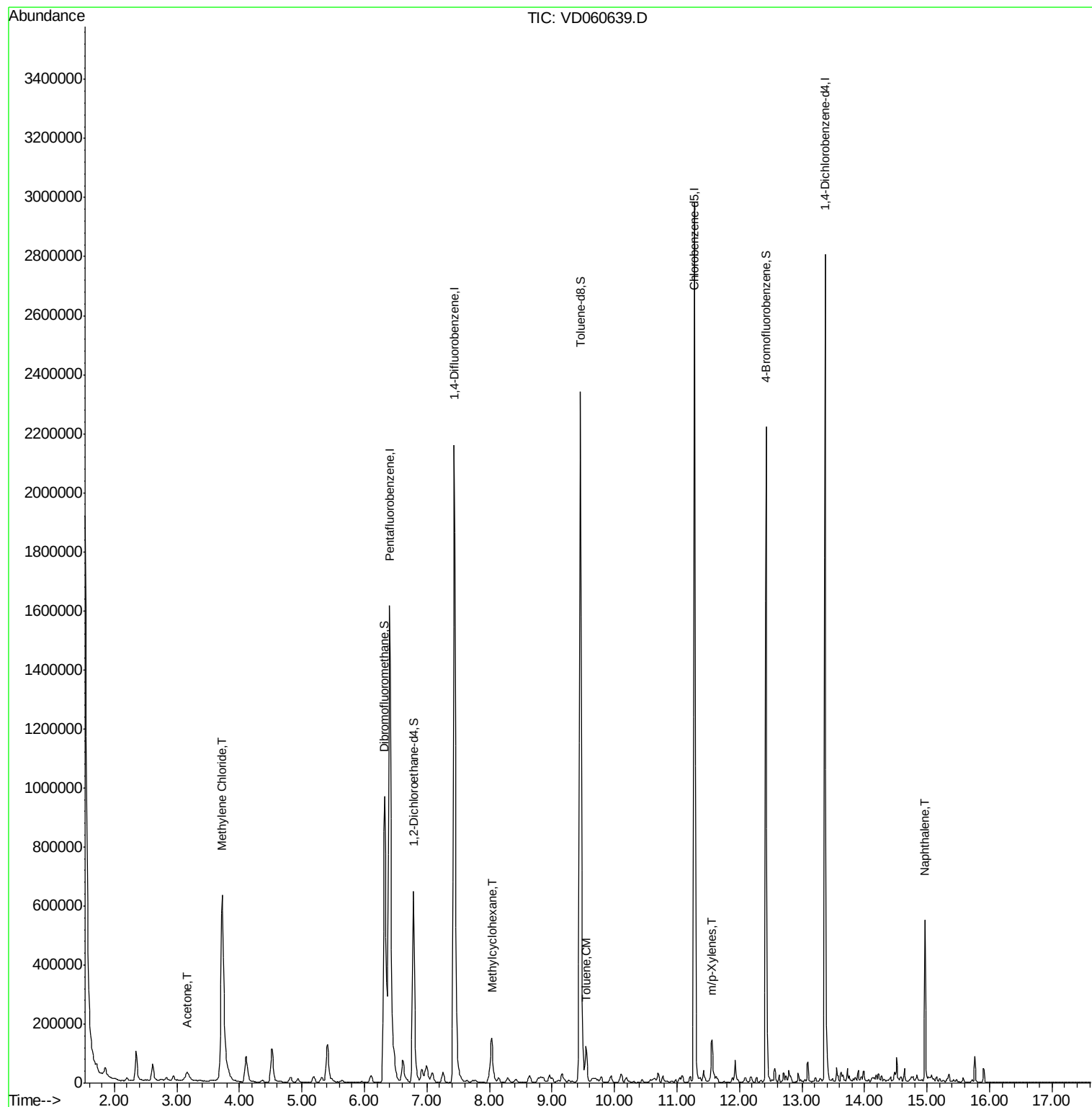
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1593411	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	2243823	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	1714298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	633369	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	551385	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	6.32	113	750727	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
50) Toluene-d8	9.45	98	1891507	39.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.32%	
62) 4-Bromofluorobenzene	12.43	95	615331	36.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.12%	
Target Compounds						
16) Acetone	3.17	43	75640	41.782	ug/l	98
20) Methylene Chloride	3.73	84	368437	19.430	ug/l	99
39) Methylcyclohexane	8.04	83	72710	2.908	ug/l	91
52) Toluene	9.54	92	57614	1.644	ug/l	90
68) m/p-Xylenes	11.56	106	43590	1.905	ug/l	87
95) Naphthalene	14.96	128	303222	18.704	ug/l	98

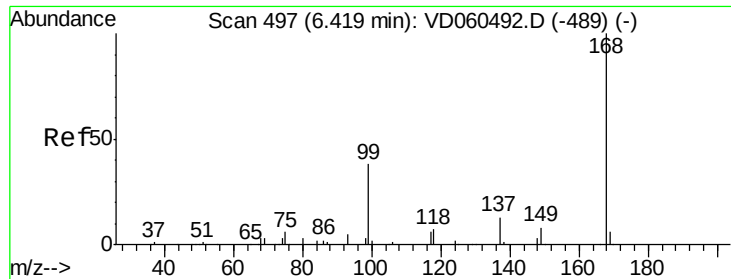
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121918\
Data File : VD060639.D
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ClientSampleId :
OK-01-121818-B

Quant Time: Dec 20 01:25:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060639.D

Acq: 19 Dec 2018 14:39

Instrument :

MSVOA_D

ClientSampleId :

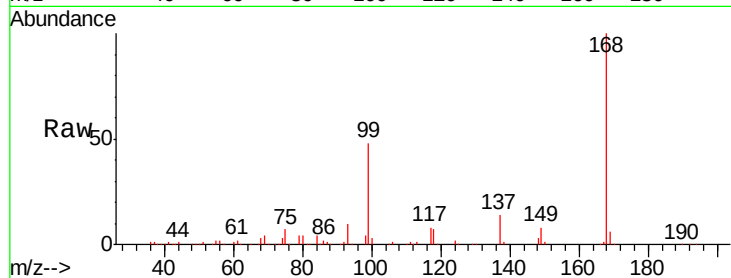
OK-01-121818-B

Tgt Ion:168 Resp: 1593411

Ion Ratio Lower Upper

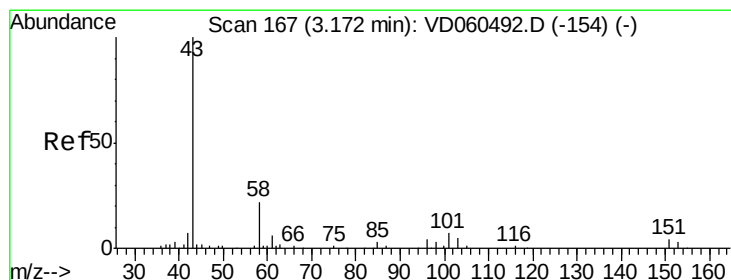
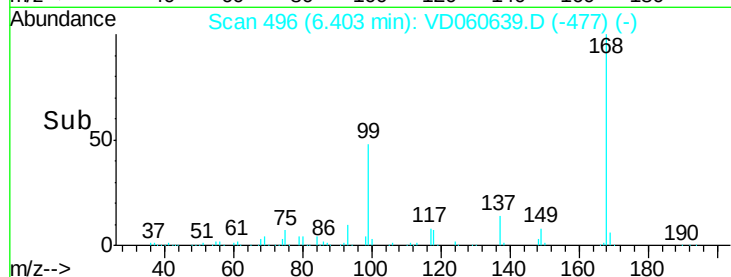
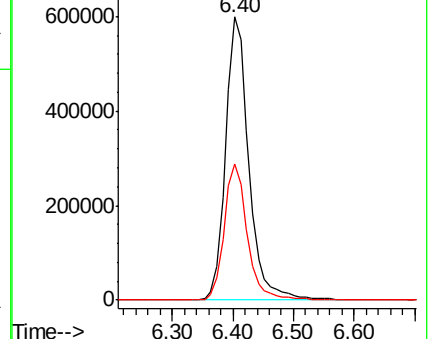
168 100

99 48.1 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 41.782 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.01 min

Lab File: VD060639.D

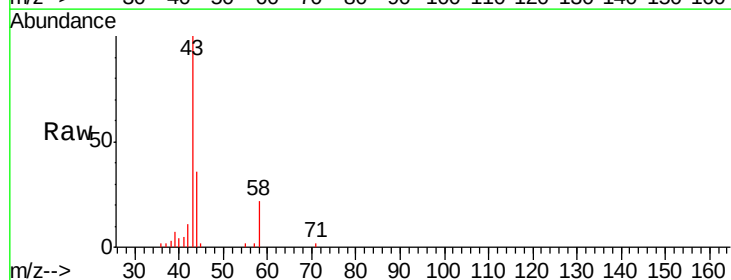
Acq: 19 Dec 2018 14:39

Tgt Ion: 43 Resp: 75640

Ion Ratio Lower Upper

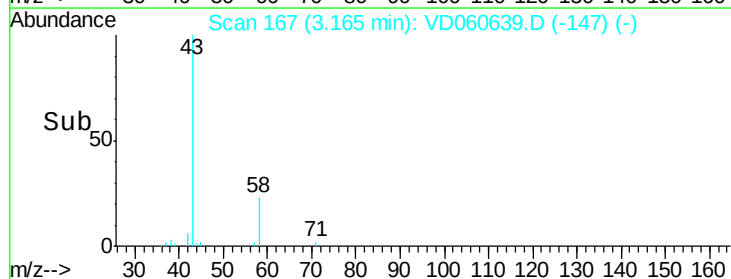
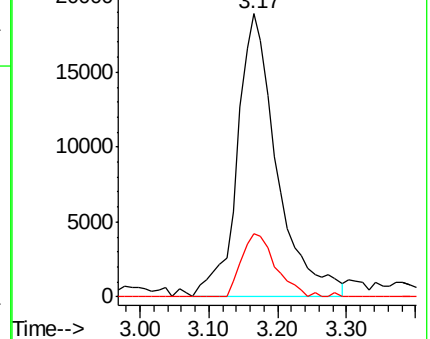
43 100

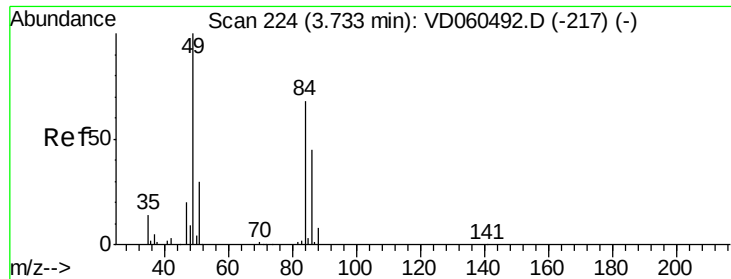
58 22.5 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

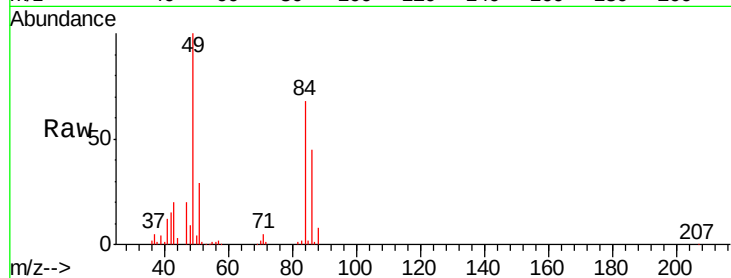




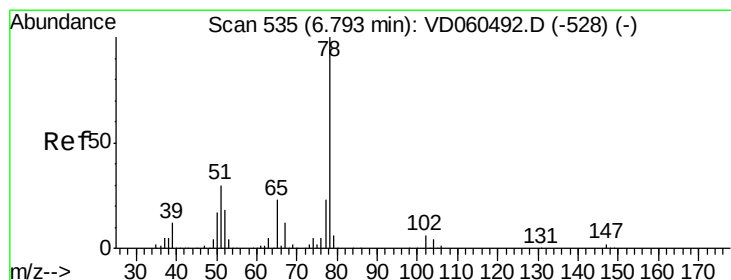
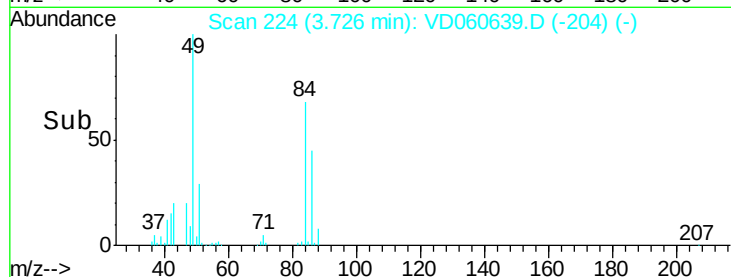
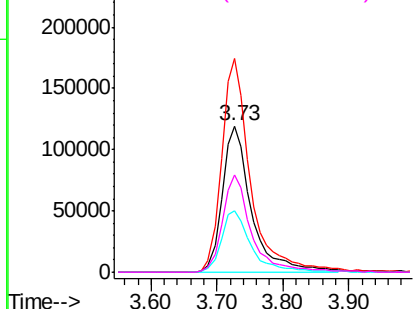
#20
Methylene Chloride
Concen: 19.430 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.01 min
Lab File: VD060639.D
Acq: 19 Dec 2018 14:39

Instrument :
MSVOA_D
ClientSampleId :
OK-01-121818-B

Tgt Ion: 84 Resp: 368437
Ion Ratio Lower Upper
84 100
49 146.2 117.2 175.8
51 42.4 35.3 52.9
86 66.5 53.2 79.8

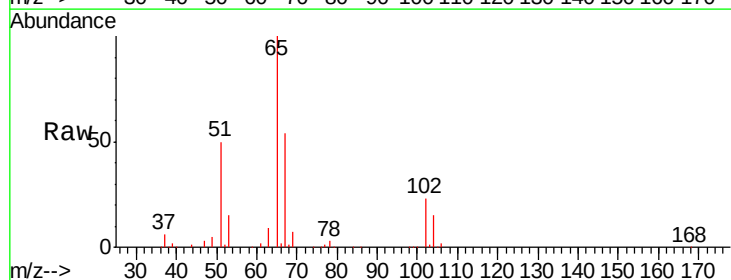


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

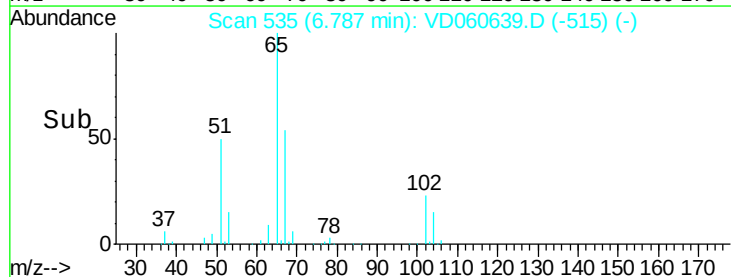
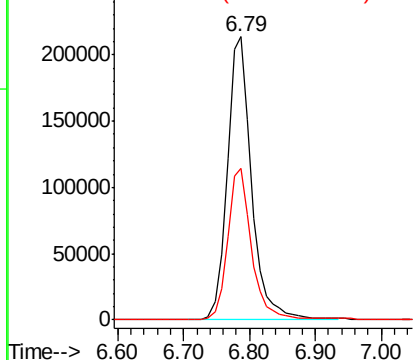


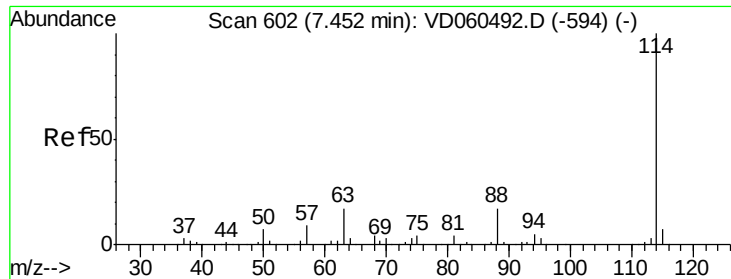
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060639.D
Acq: 19 Dec 2018 14:39

Tgt Ion: 65 Resp: 551385
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

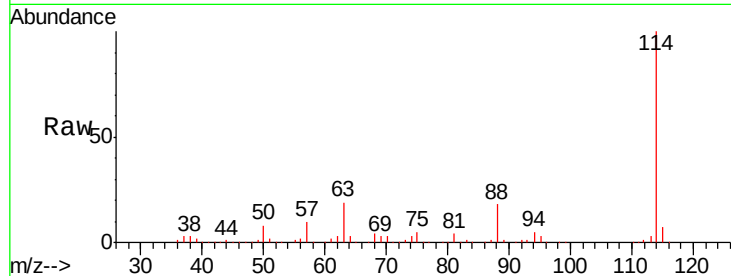




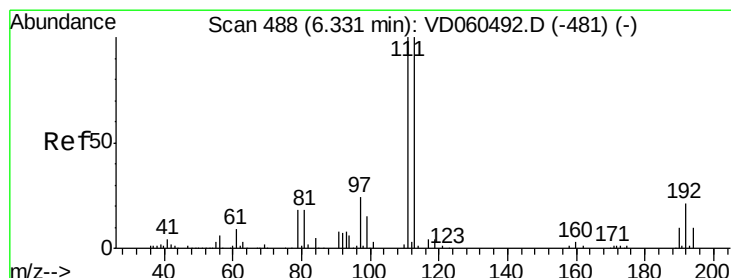
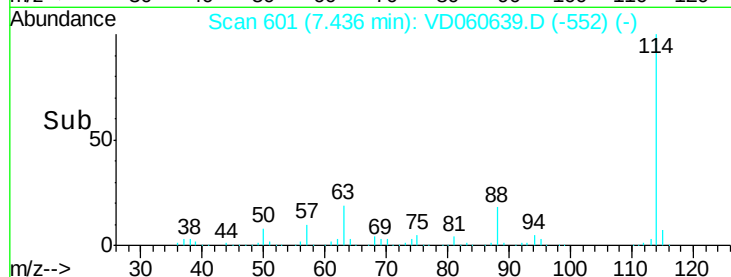
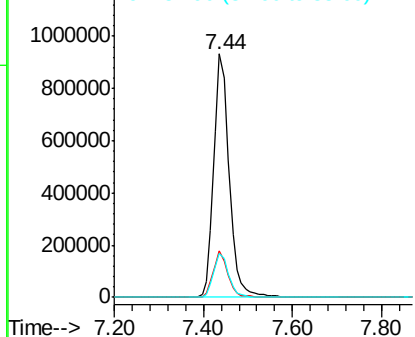
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: VD060639.D
 Acq: 19 Dec 2018 14:39

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-121818-B

Tgt Ion:114 Resp: 2243823
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.2
 88 18.0 0.0 35.0

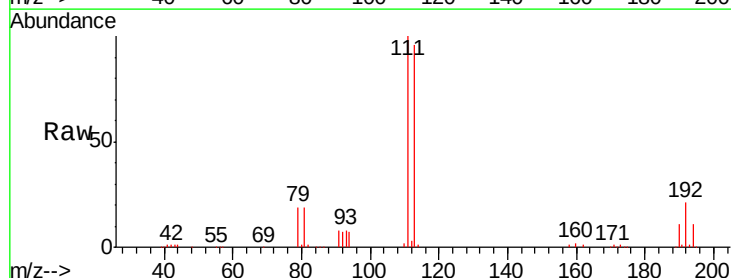


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

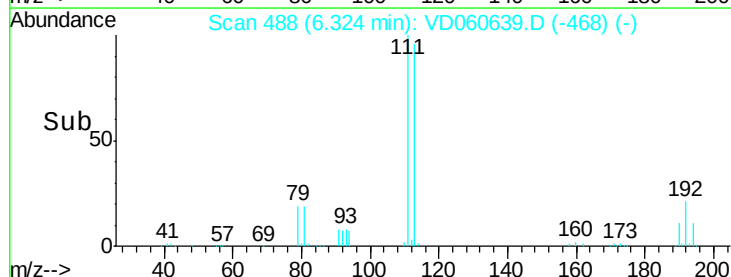
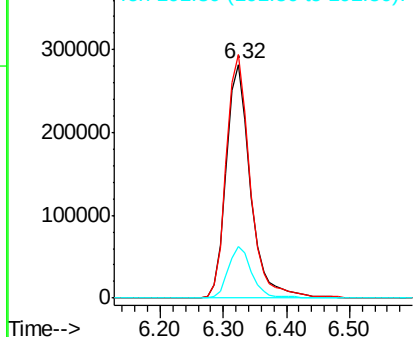


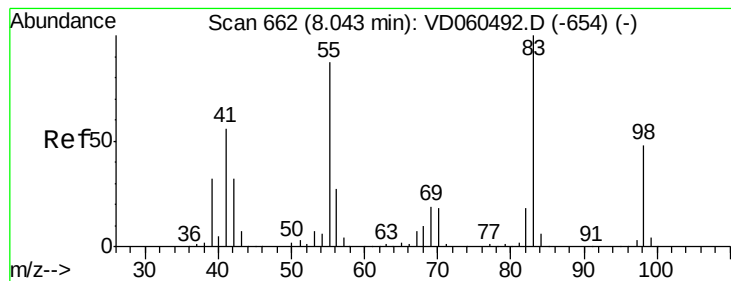
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060639.D
 Acq: 19 Dec 2018 14:39

Tgt Ion:113 Resp: 750727
 Ion Ratio Lower Upper
 113 100
 111 104.1 80.2 120.4
 192 21.8 16.6 24.8



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





#39

Methylcyclohexane

Concen: 2.908 ug/l

RT: 8.04 min Scan# 662

Delta R.T. -0.01 min

Lab File: VD060639.D

Acq: 19 Dec 2018 14:39

Instrument :

MSVOA_D

ClientSampleId :

OK-01-121818-B

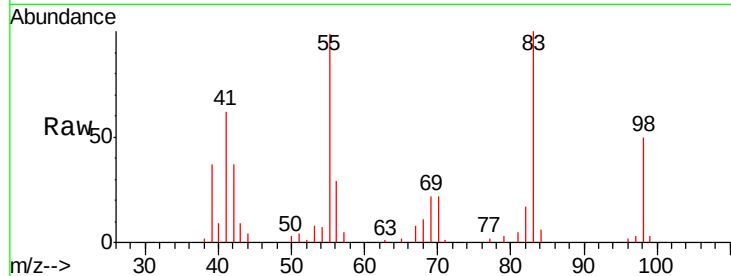
Tgt Ion: 83 Resp: 72710

Ion Ratio Lower Upper

83 100

55 98.7 69.8 104.8

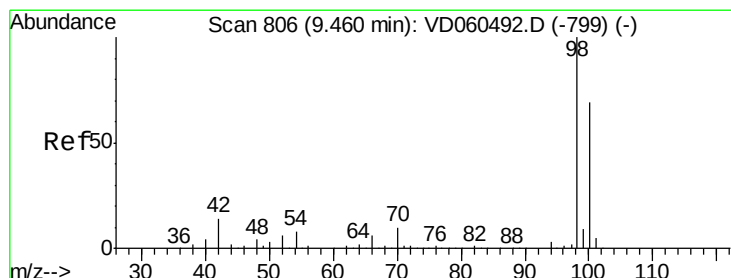
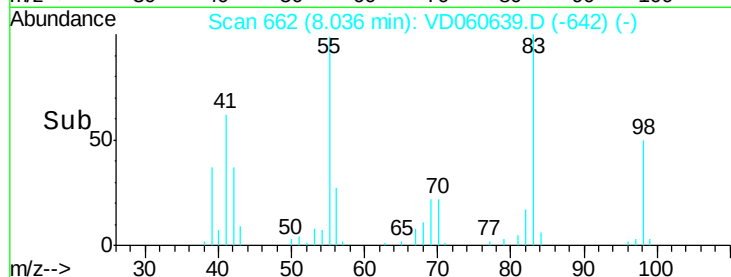
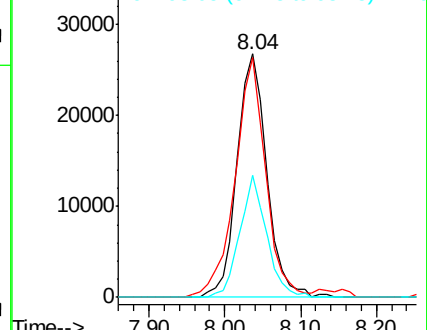
98 49.9 38.4 57.6



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.45 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD060639.D

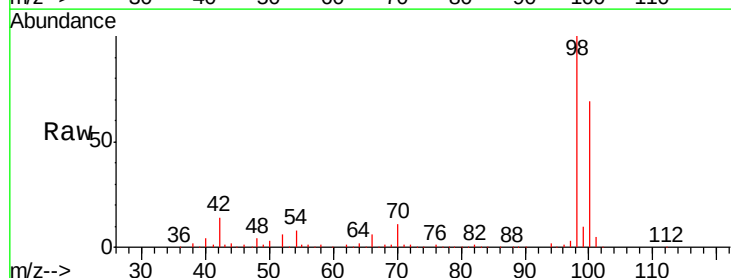
Acq: 19 Dec 2018 14:39

Tgt Ion: 98 Resp: 1891507

Ion Ratio Lower Upper

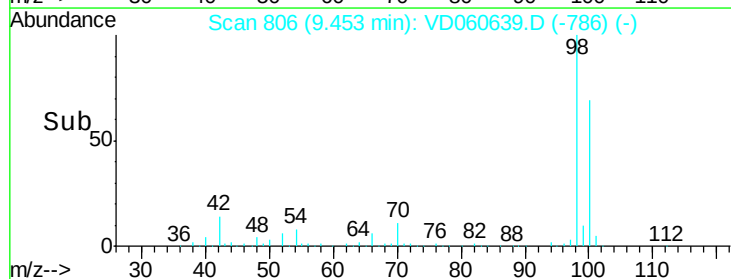
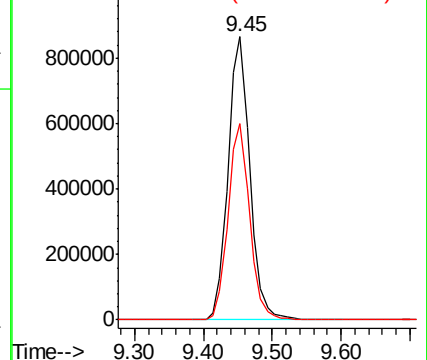
98 100

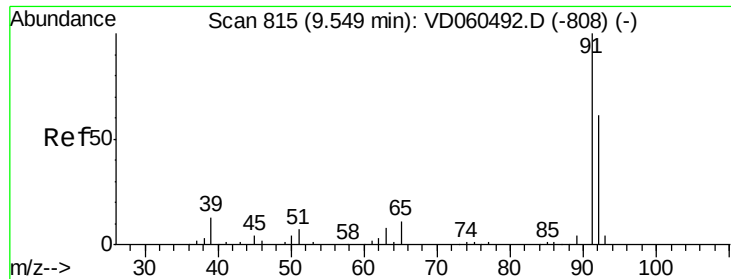
100 69.2 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#52

Toluene

Concen: 1.644 ug/l

RT: 9.54 min Scan# 815

Delta R.T. -0.01 min

Lab File: VD060639.D

Acq: 19 Dec 2018 14:39

Instrument :

MSVOA_D

ClientSampleId :

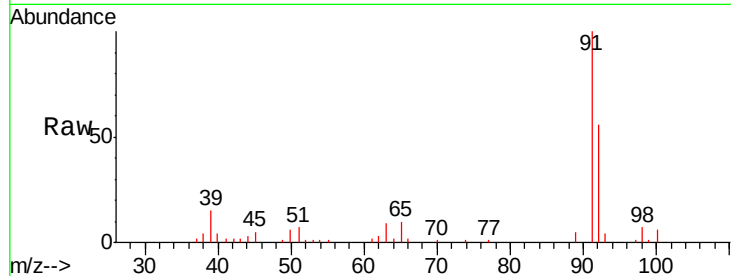
OK-01-121818-B

Tgt Ion: 92 Resp: 57614

Ion Ratio Lower Upper

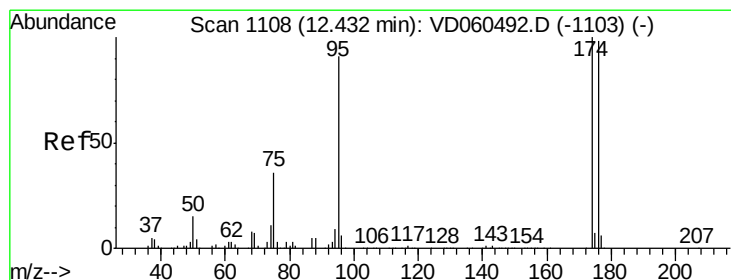
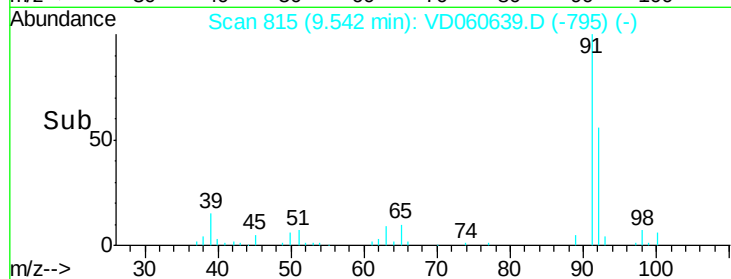
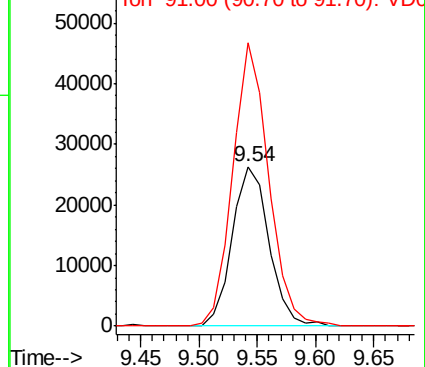
92 100

91 177.5 131.7 197.5



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: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060639.D

Acq: 19 Dec 2018 14:39

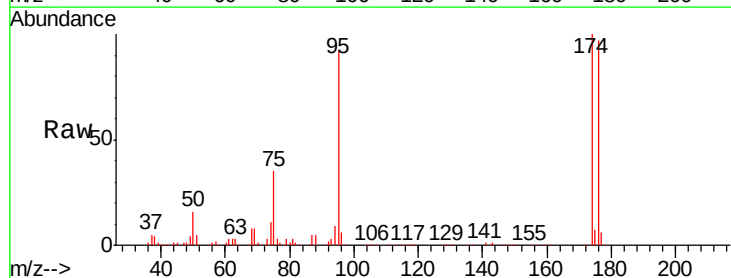
Tgt Ion: 95 Resp: 615331

Ion Ratio Lower Upper

95 100

174 109.1 0.0 219.4

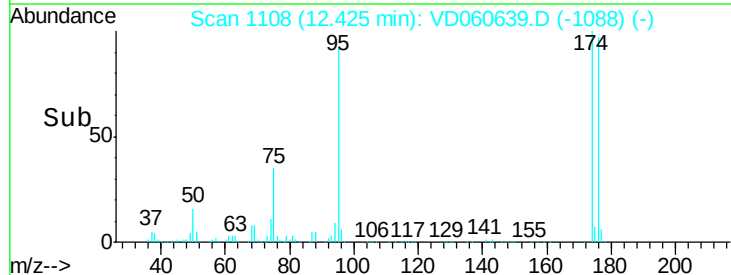
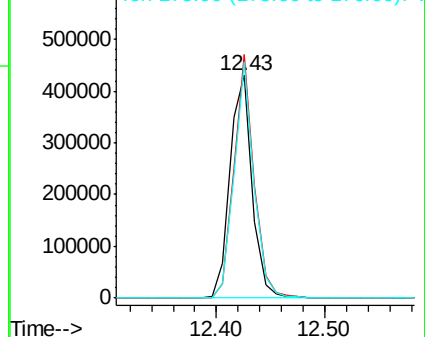
176 105.5 0.0 214.6

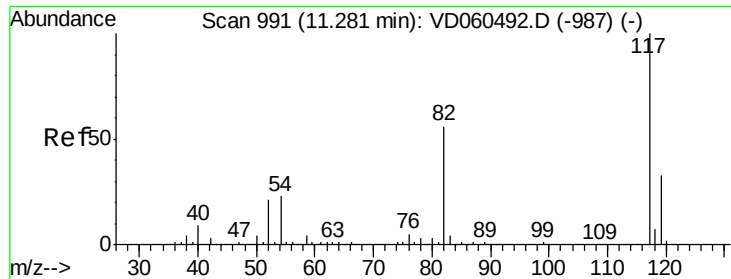


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

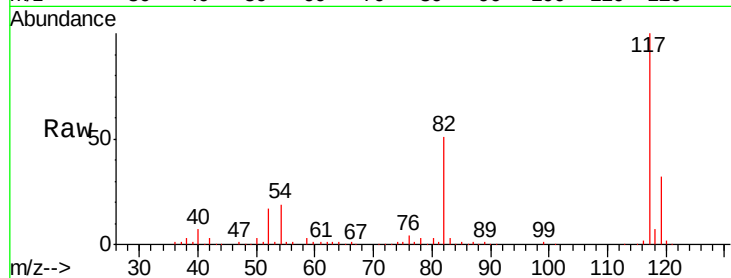




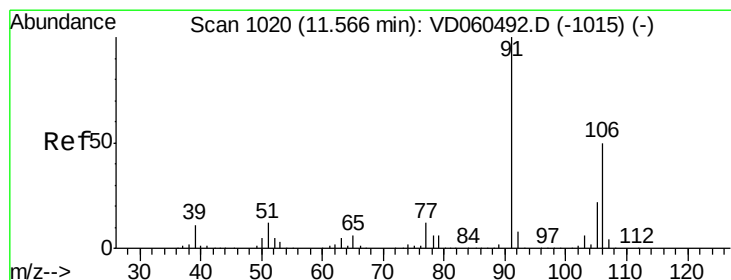
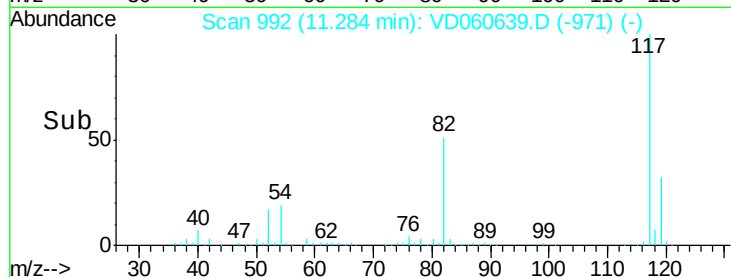
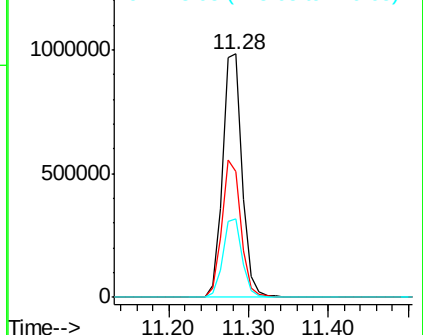
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.00 min
Lab File: VD060639.D
Acq: 19 Dec 2018 14:39

Instrument :
MSVOA_D
ClientSampleId :
OK-01-121818-B

Tgt Ion:117 Resp: 1714298
Ion Ratio Lower Upper
117 100
82 51.4 45.2 67.8
119 32.4 26.1 39.1

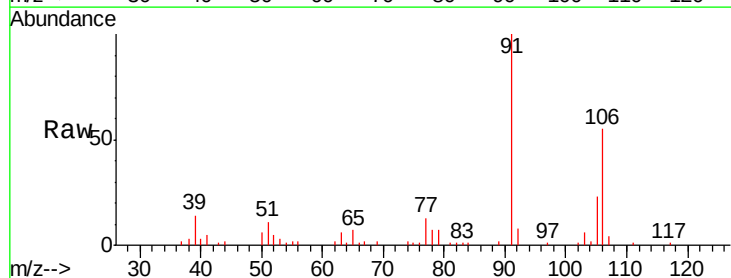


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

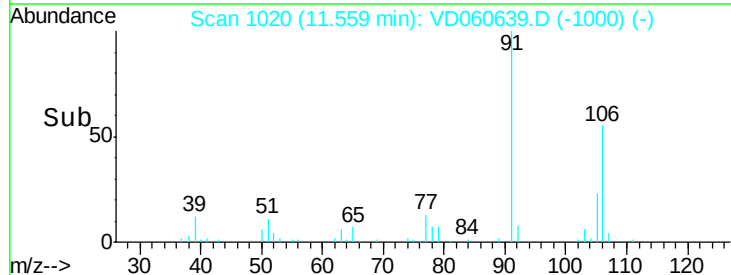
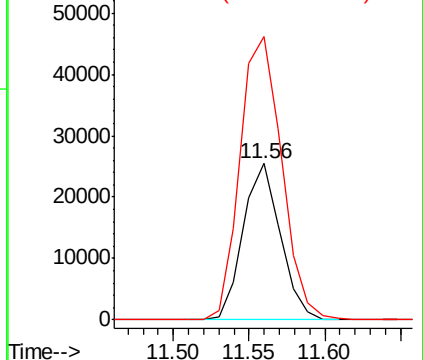


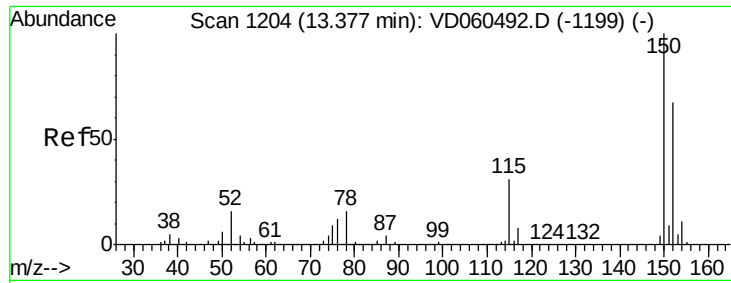
#68
m/p-Xylenes
Concen: 1.905 ug/l
RT: 11.56 min Scan# 1020
Delta R.T. -0.01 min
Lab File: VD060639.D
Acq: 19 Dec 2018 14:39

Tgt Ion:106 Resp: 43590
Ion Ratio Lower Upper
106 100
91 180.9 160.5 240.7



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: 13.37 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VD060639.D

Acq: 19 Dec 2018 14:39

Instrument :

MSVOA_D

ClientSampleId :

OK-01-121818-B

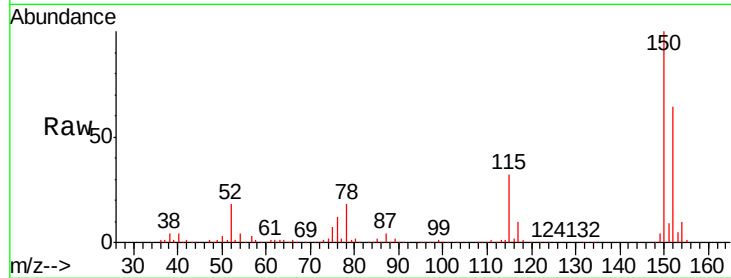
Tgt Ion:152 Resp: 633369

Ion Ratio Lower Upper

152 100

115 49.6 24.6 74.0

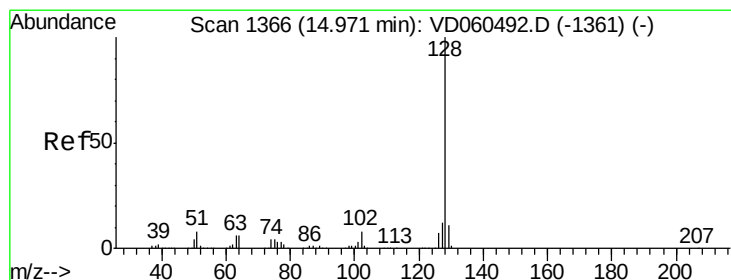
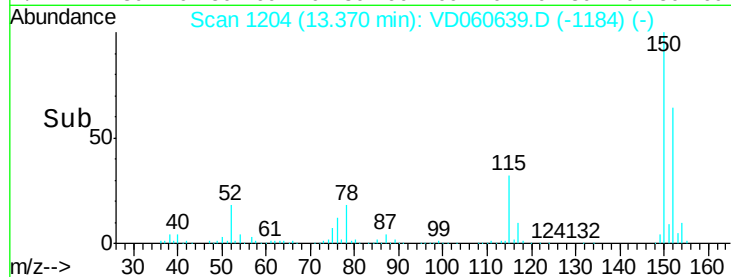
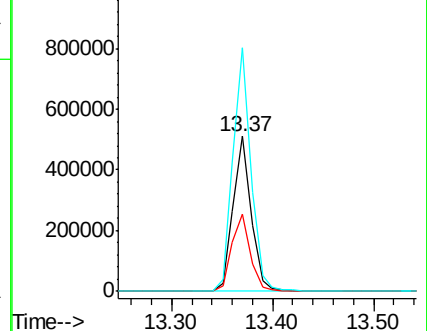
150 157.2 0.0 309.0



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



#95

Naphthalene

Concen: 18.704 ug/l

RT: 14.96 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VD060639.D

Acq: 19 Dec 2018 14:39

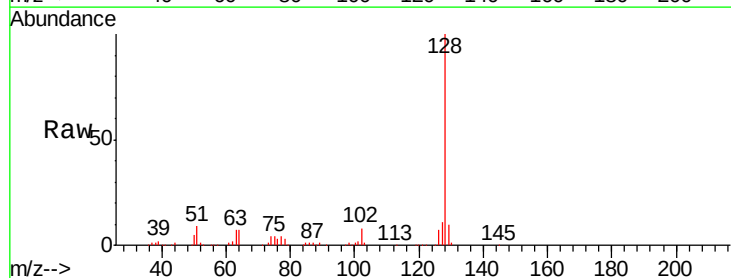
Tgt Ion:128 Resp: 303222

Ion Ratio Lower Upper

128 100

127 11.2 9.8 14.8

129 10.0 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

