

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD057984.D
 Acq On : 7 Jun 2018 21:03
 Operator : JC/SY
 Sample : J3331-01
 Misc : 4.29g/5ml/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CAS1-SB-02-1-2

Quant Time: Jun 08 08:04:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	734520	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	975355	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	776224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	387239	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.00	65	333819	45.46	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	90.92%	
35) Dibromofluoromethane	5.54	113	341131	45.20	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	90.40%	
50) Toluene-d8	8.69	98	776519	43.28	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	86.56%	
62) 4-Bromofluorobenzene	11.92	95	341296	43.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.22%	

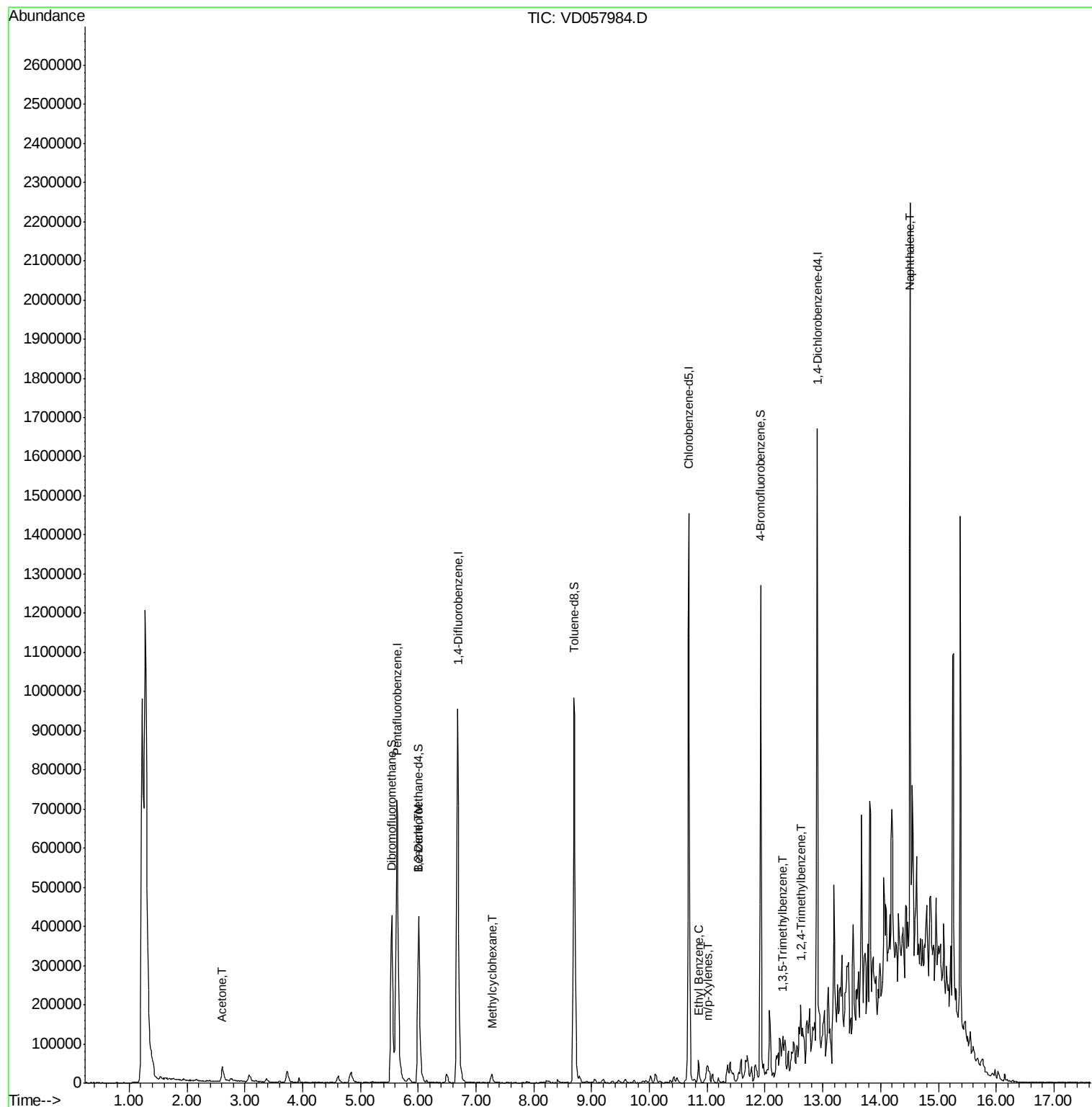
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.61	43	84618	79.981	ug/l	95
39) Methylcyclohexane	7.27	83	11632	1.092	ug/l	91
40) Benzene	6.00	78	109758	4.372	ug/l	95
67) Ethyl Benzene	10.85	91	40560	1.429	ug/l	90
68) m/p-Xylenes	11.01	106	13001	1.405	ug/l	99
80) 1,3,5-Trimethylbenzene	12.31	105	23518	1.176	ug/l	97
84) 1,2,4-Trimethylbenzene	12.62	105	38657	1.797	ug/l	96
95) Naphthalene	14.51	128	1084302	86.732	ug/l	99

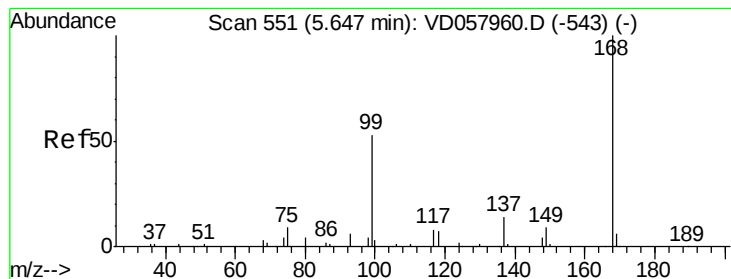
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD057984.D

Acq: 7 Jun 2018 21:03

Instrument :

MSVOA_D

ClientSampleId :

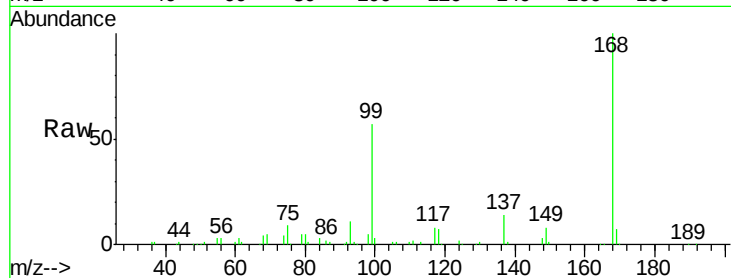
CAS1-SB-02-1-2

Tot Ion:168 Resp: 734520

Ion Ratio Lower Upper

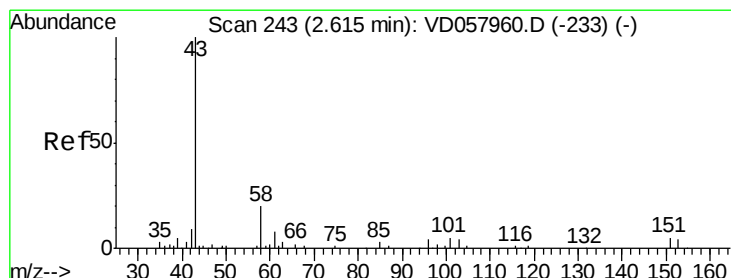
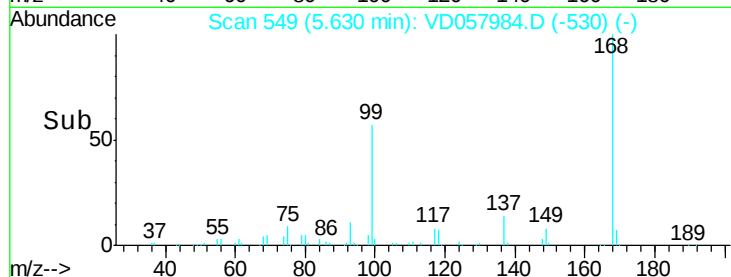
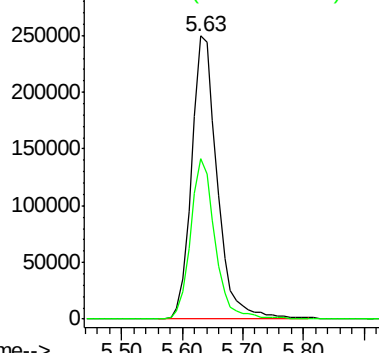
168 100

99 56.6 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 79.981 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD057984.D

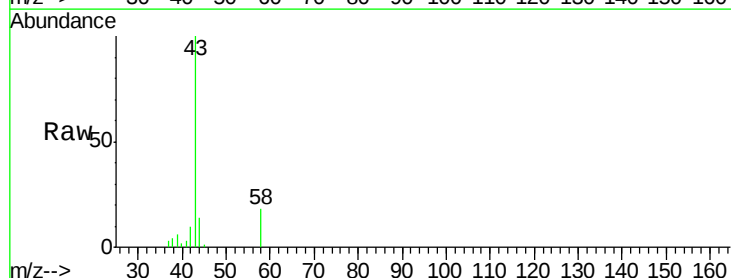
Acq: 7 Jun 2018 21:03

Tgt Ion: 43 Resp: 84618

Ion Ratio Lower Upper

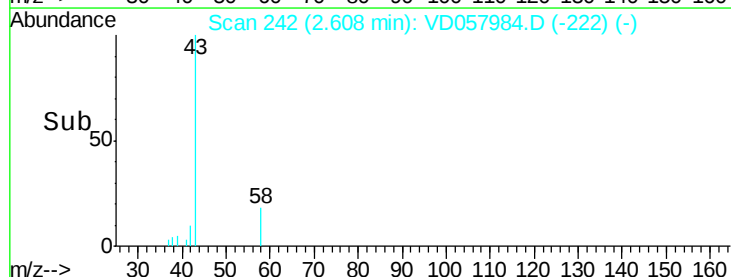
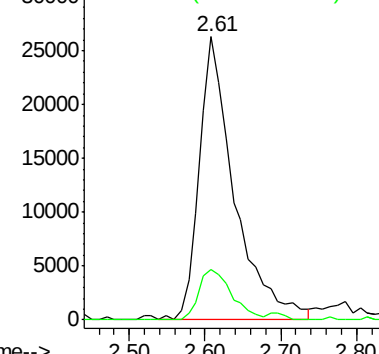
43 100

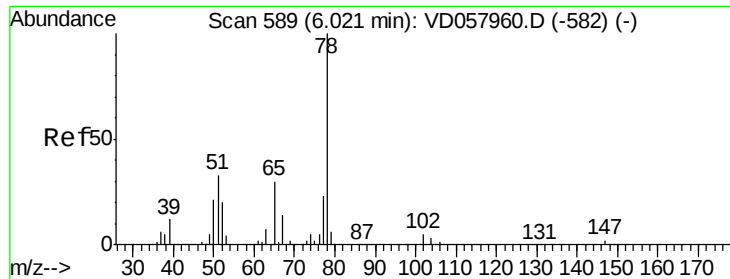
58 17.6 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

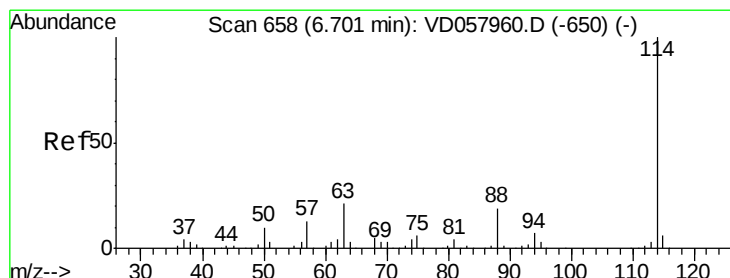
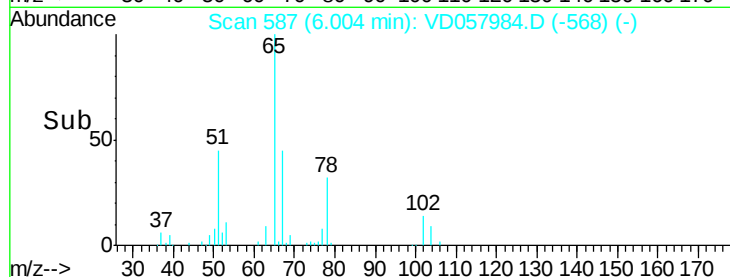
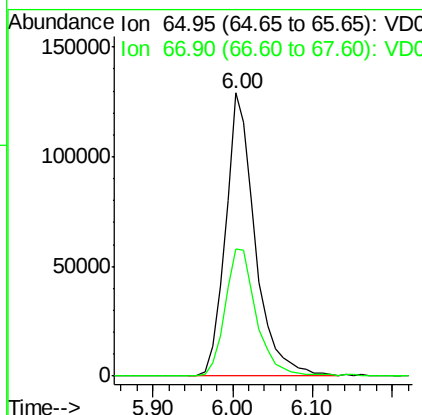
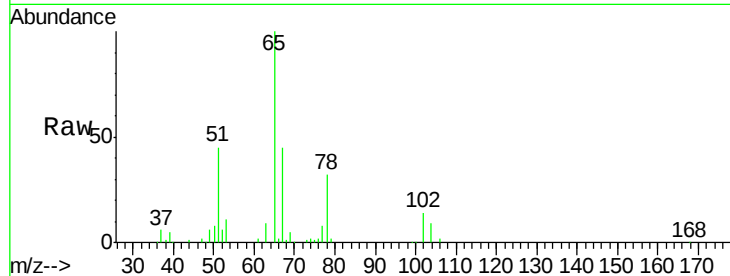




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.00 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: VD057984.D
 Acq: 7 Jun 2018 21:03

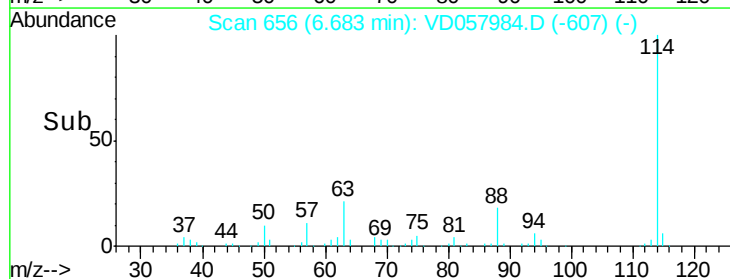
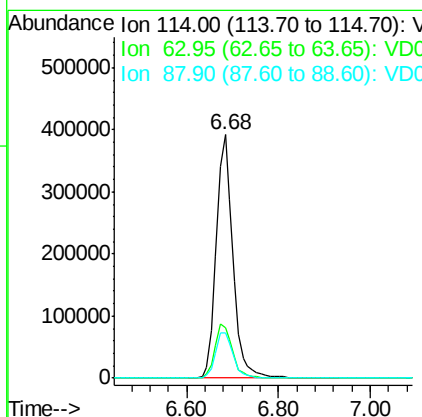
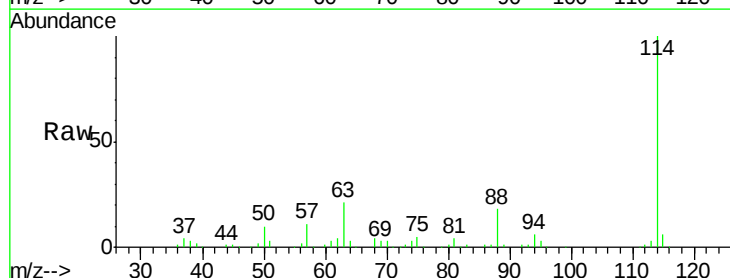
Instrument :
 MSVOA_D
 ClientSampleId :
 CAS1-SB-02-1-2

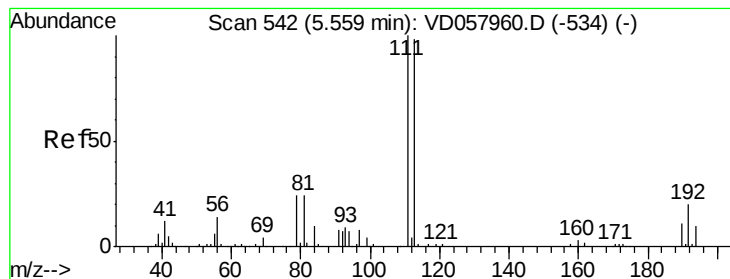
Tot Ion: 65 Resp: 333819
 Ion Ratio Lower Upper
 65 100
 67 44.9 0.0 94.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD057984.D
 Acq: 7 Jun 2018 21:03

Tgt Ion: 114 Resp: 975355
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.8
 88 18.4 0.0 37.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD057984.D

Acq: 7 Jun 2018 21:03

Instrument :

MSVOA_D

ClientSampleId :

CAS1-SB-02-1-2

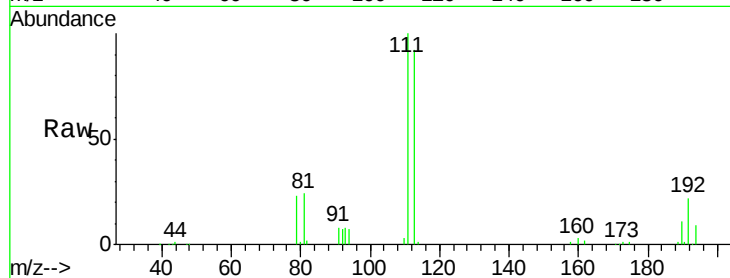
Tot Ion:113 Resp: 341131

Ion Ratio Lower Upper

113 100

111 109.1 81.5 122.3

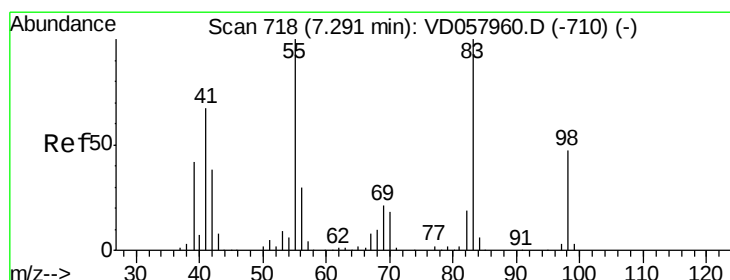
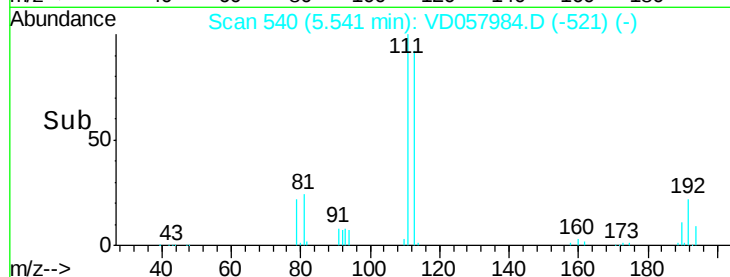
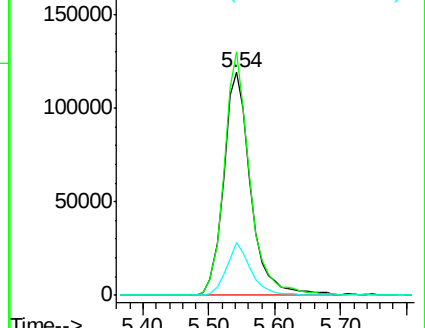
192 23.5 16.4 24.6



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



#39

Methylcyclohexane

Concen: 1.092 ug/l

RT: 7.27 min Scan# 716

Delta R.T. -0.02 min

Lab File: VD057984.D

Acq: 7 Jun 2018 21:03

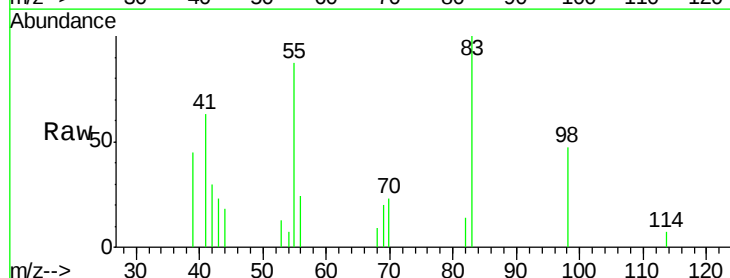
Tgt Ion: 83 Resp: 11632

Ion Ratio Lower Upper

83 100

55 86.6 80.3 120.5

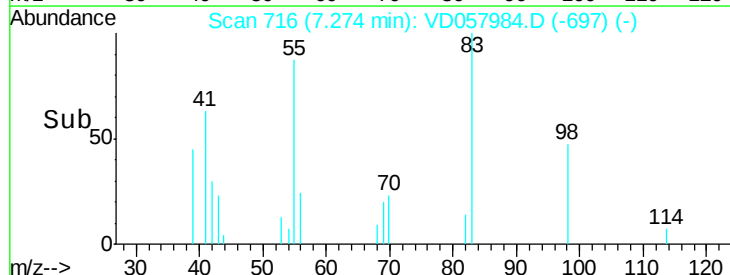
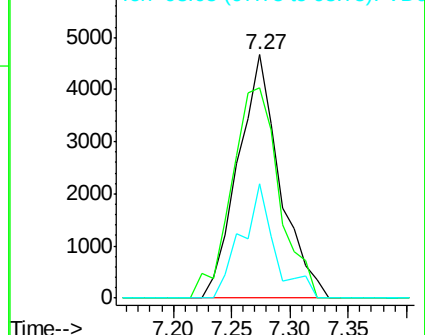
98 47.2 38.0 57.0

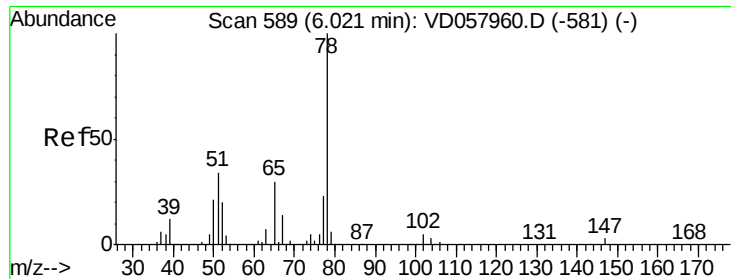


Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC





#40

Benzene

Concen: 4.372 ug/l

RT: 6.00 min Scan# 587

Delta R.T. -0.02 min

Lab File: VD057984.D

Acq: 7 Jun 2018 21:03

Instrument :

MSVOA_D

ClientSampleId :

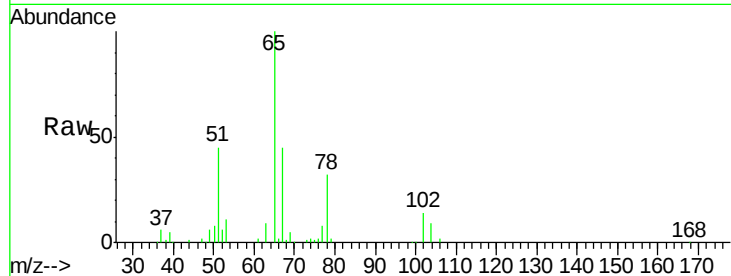
CAS1-SB-02-1-2

Tot Ion: 78 Resp: 109758

Ion Ratio Lower Upper

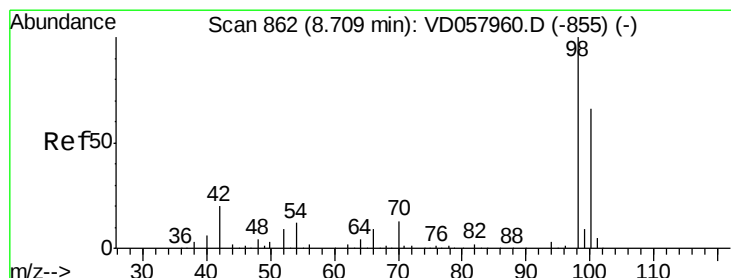
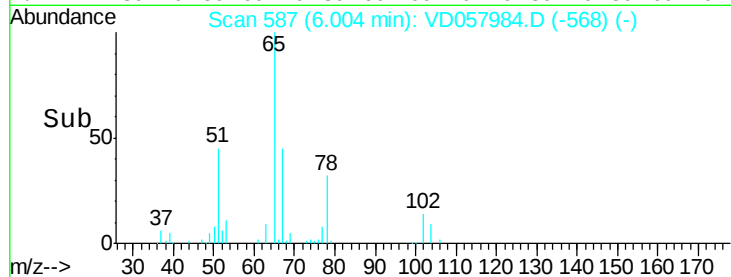
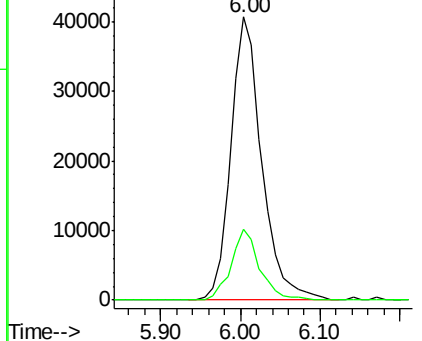
78 100

77 25.1 18.1 27.1



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.69 min Scan# 860

Delta R.T. -0.02 min

Lab File: VD057984.D

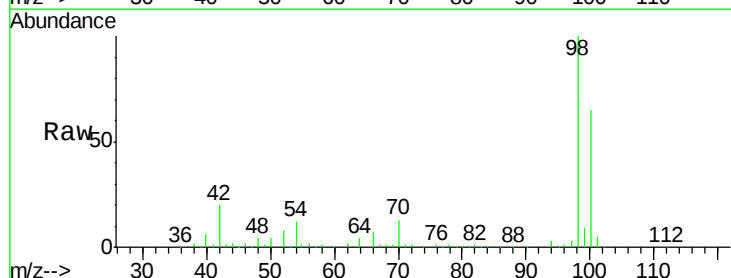
Acq: 7 Jun 2018 21:03

Tgt Ion: 98 Resp: 776519

Ion Ratio Lower Upper

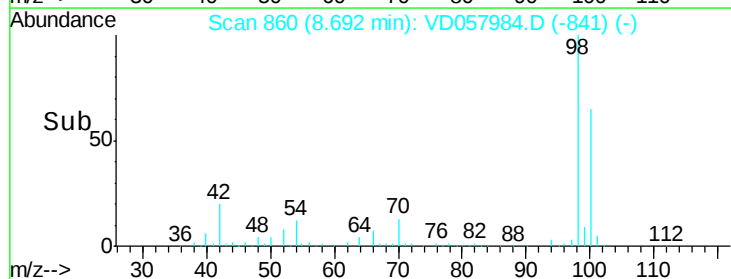
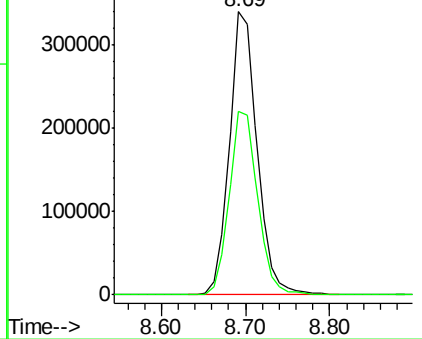
98 100

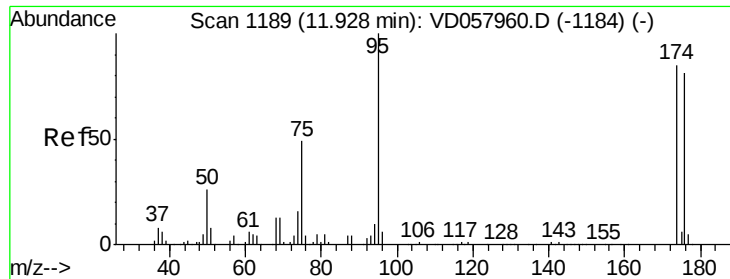
100 65.0 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

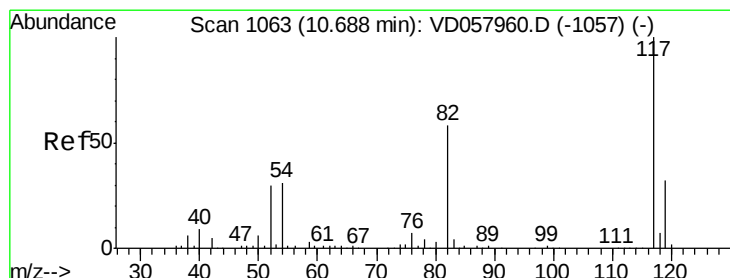
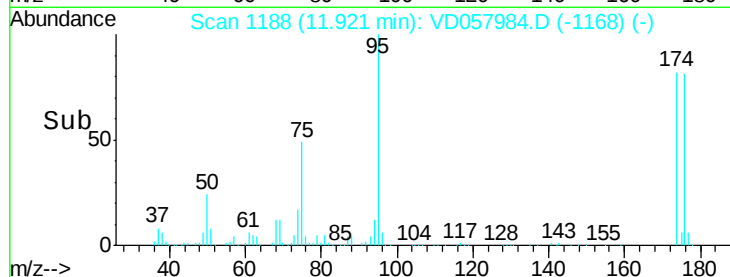
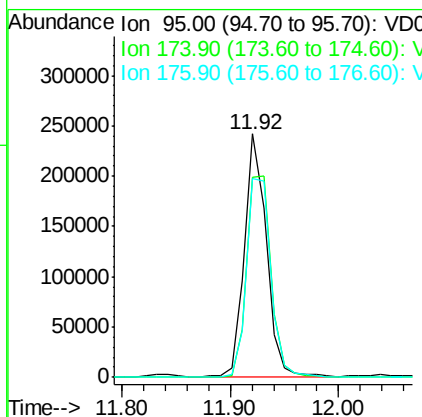
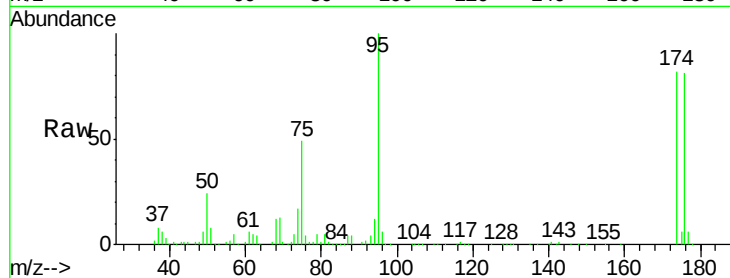




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD057984.D
Acq: 7 Jun 2018 21:03

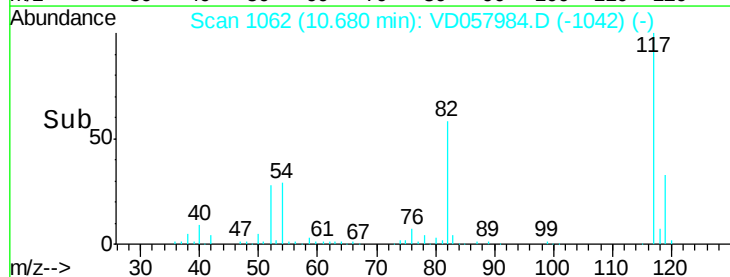
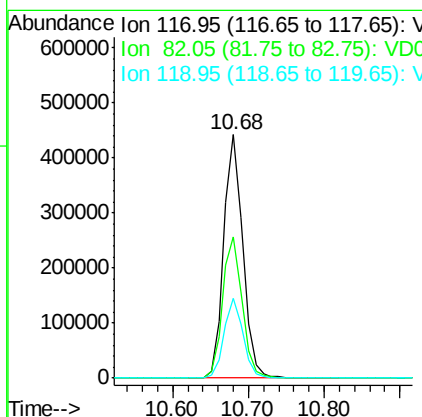
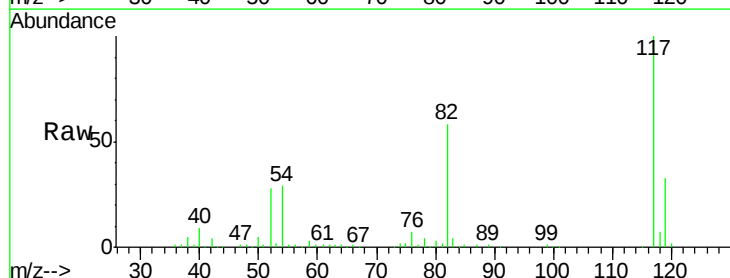
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CAS1-SB-02-1-2

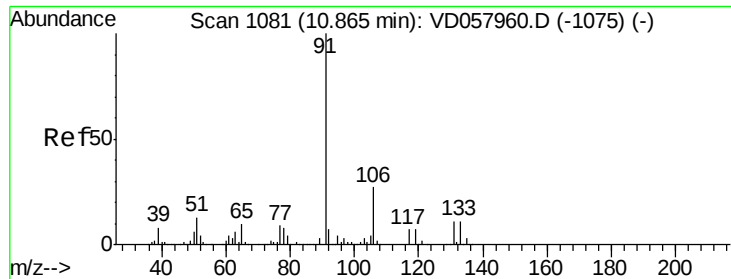
Tot Ion: 95 Resp: 341296
Ion Ratio Lower Upper
95 100
174 82.4 0.0 169.4
176 81.5 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD057984.D
Acq: 7 Jun 2018 21:03

Tgt Ion: 117 Resp: 776224
Ion Ratio Lower Upper
117 100
82 58.1 46.8 70.2
119 32.7 25.8 38.6

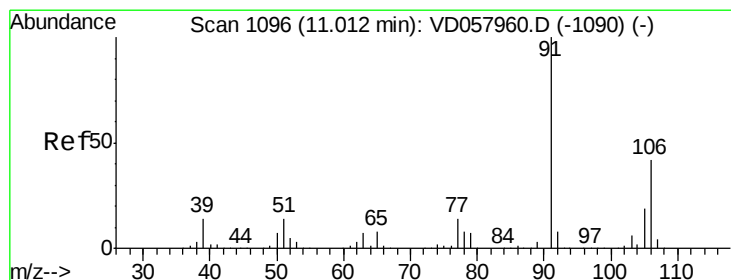
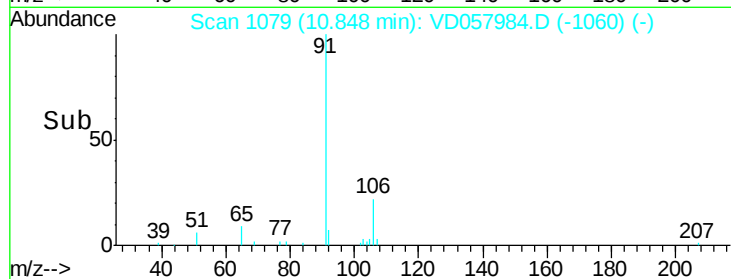
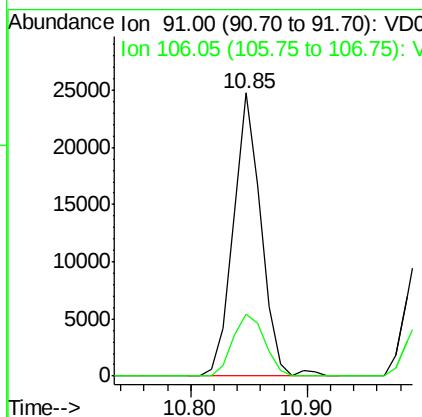
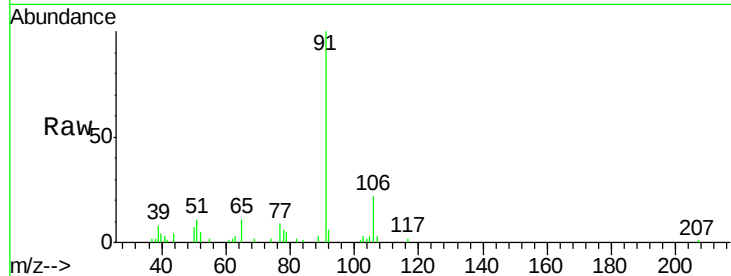




#67
Ethyl Benzene
Concen: 1.429 ug/l
RT: 10.85 min Scan# 1079
Delta R.T. -0.02 min
Lab File: VD057984.D
Acq: 7 Jun 2018 21:03

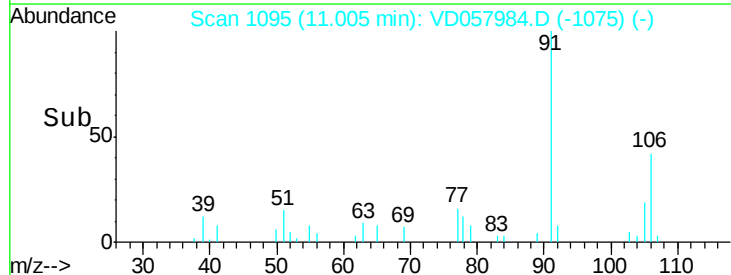
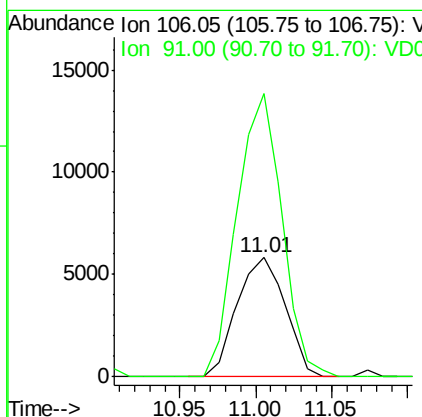
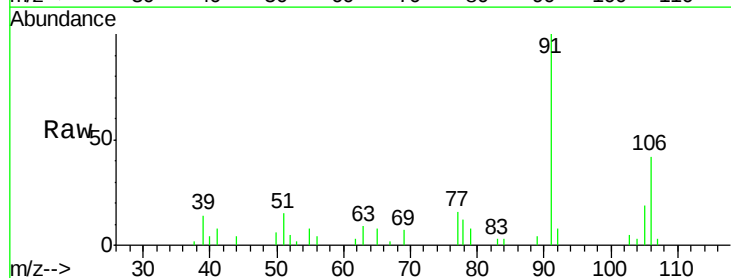
Instrument :
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CAS1-SB-02-1-2

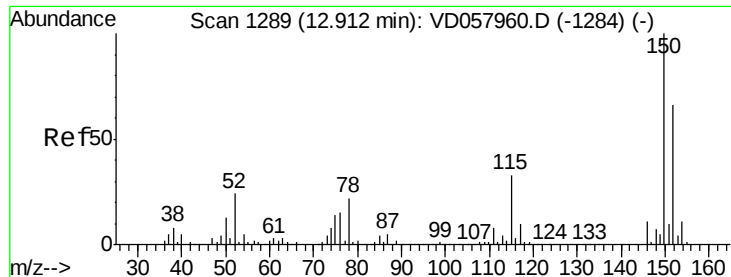
Tot Ion: 91 Resp: 40560
Ion Ratio Lower Upper
91 100
106 21.8 21.5 32.3



#68
m/p-Xylenes
Concen: 1.405 ug/l
RT: 11.01 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VD057984.D
Acq: 7 Jun 2018 21:03

Tgt Ion: 106 Resp: 13001
Ion Ratio Lower Upper
106 100
91 237.0 190.4 285.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD057984.D

Acq: 7 Jun 2018 21:03

Instrument :

MSVOA_D

ClientSampleId :

CAS1-SB-02-1-2

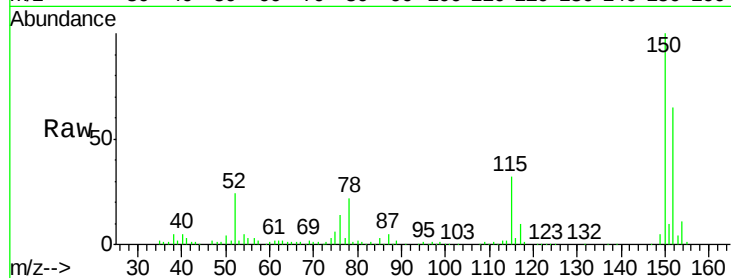
Tot Ion:152 Resp: 387239

Ion Ratio Lower Upper

152 100

115 48.8 25.6 76.6

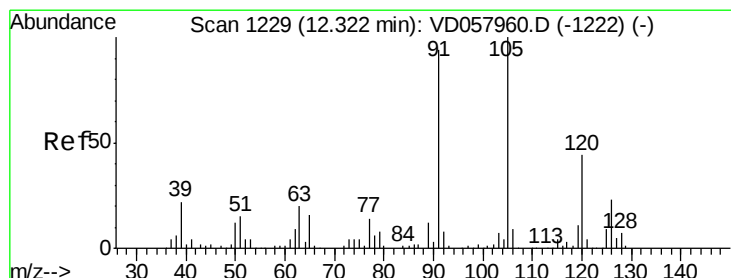
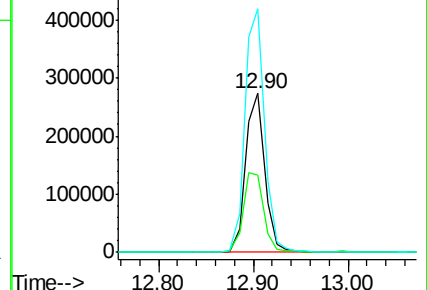
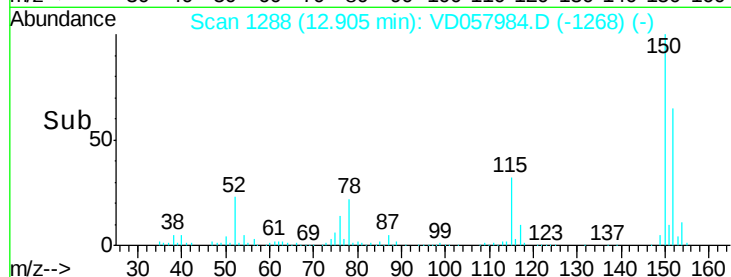
150 153.0 0.0 306.8



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: 1.176 ug/l

RT: 12.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VD057984.D

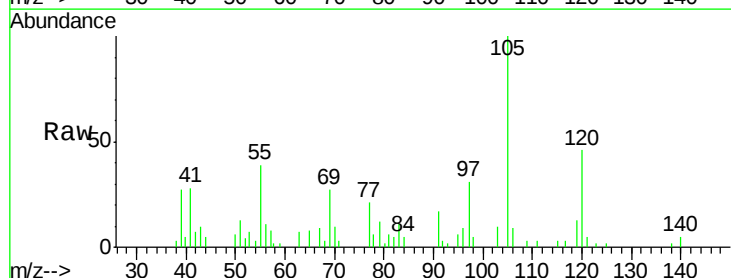
Acq: 7 Jun 2018 21:03

Tgt Ion:105 Resp: 23518

Ion Ratio Lower Upper

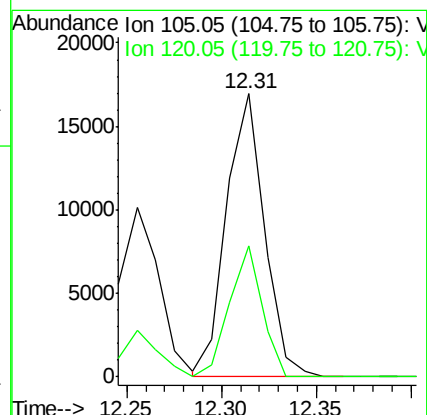
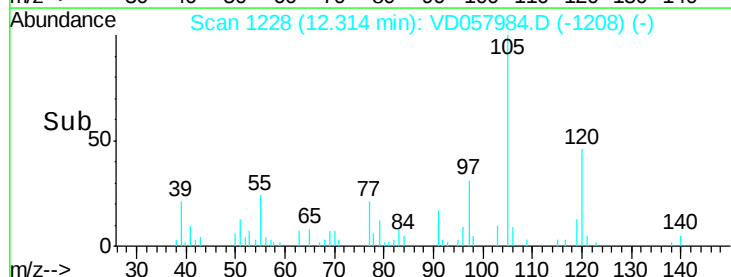
105 100

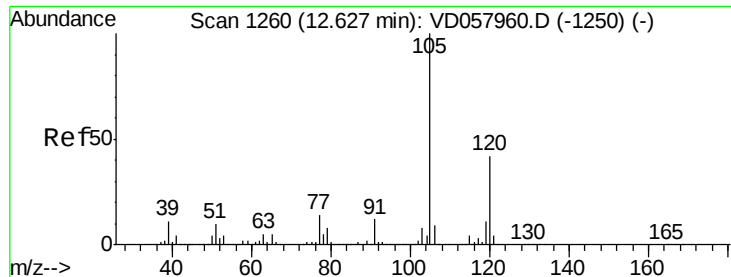
120 46.2 22.0 66.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#84

1,2,4-Trimethylbenzene

Concen: 1.797 ug/l

RT: 12.62 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VD057984.D

Acq: 7 Jun 2018 21:03

Instrument :

MSVOA_D

ClientSampleId :

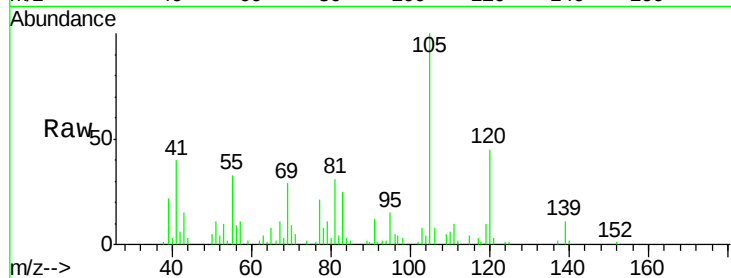
CAS1-SB-02-1-2

Tot Ion:105 Resp: 38657

Ion Ratio Lower Upper

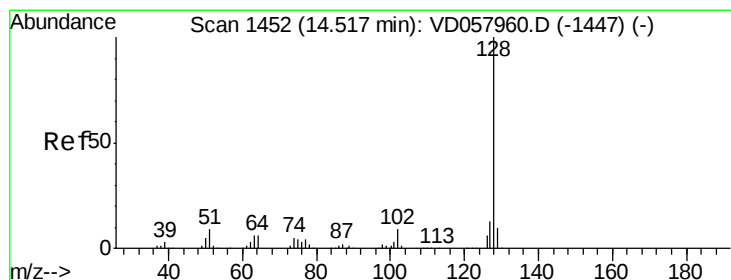
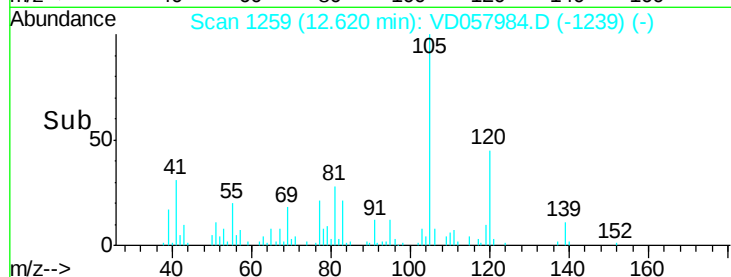
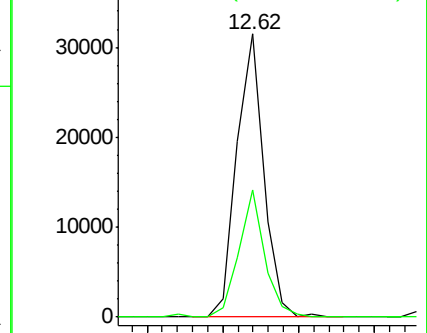
105 100

120 44.8 21.2 63.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#95

Naphthalene

Concen: 86.732 ug/l

RT: 14.51 min Scan# 1451

Delta R.T. -0.01 min

Lab File: VD057984.D

Acq: 7 Jun 2018 21:03

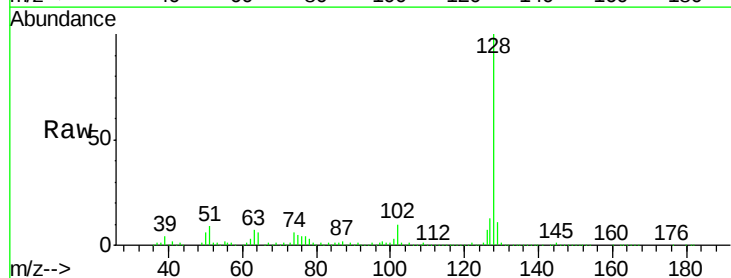
Tgt Ion:128 Resp: 1084302

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.9 8.2 12.2



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

