

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061518\
 Data File : VD058166.D
 Acq On : 15 Jun 2018 21:49
 Operator : VA/AP
 Sample : J3524-01
 Misc : 6.10g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AREA-3(S)

Quant Time: Jun 16 00:32:09 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	5.64	168	549845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	731339	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	483151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	170805	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	368421	67.02	ug/l	-0.02
Spiked Amount				50.000		
Recovery						134.04%
35) Dibromofluoromethane	5.54	113	235017	41.53	ug/l	-0.02
Spiked Amount				50.000		
Recovery						83.06%
50) Toluene-d8	8.70	98	776273	57.70	ug/l	0.00
Spiked Amount				50.000		
Recovery						115.40%
62) 4-Bromofluorobenzene	11.92	95	252255	42.98	ug/l	0.00
Spiked Amount				50.000		
Recovery						85.96%

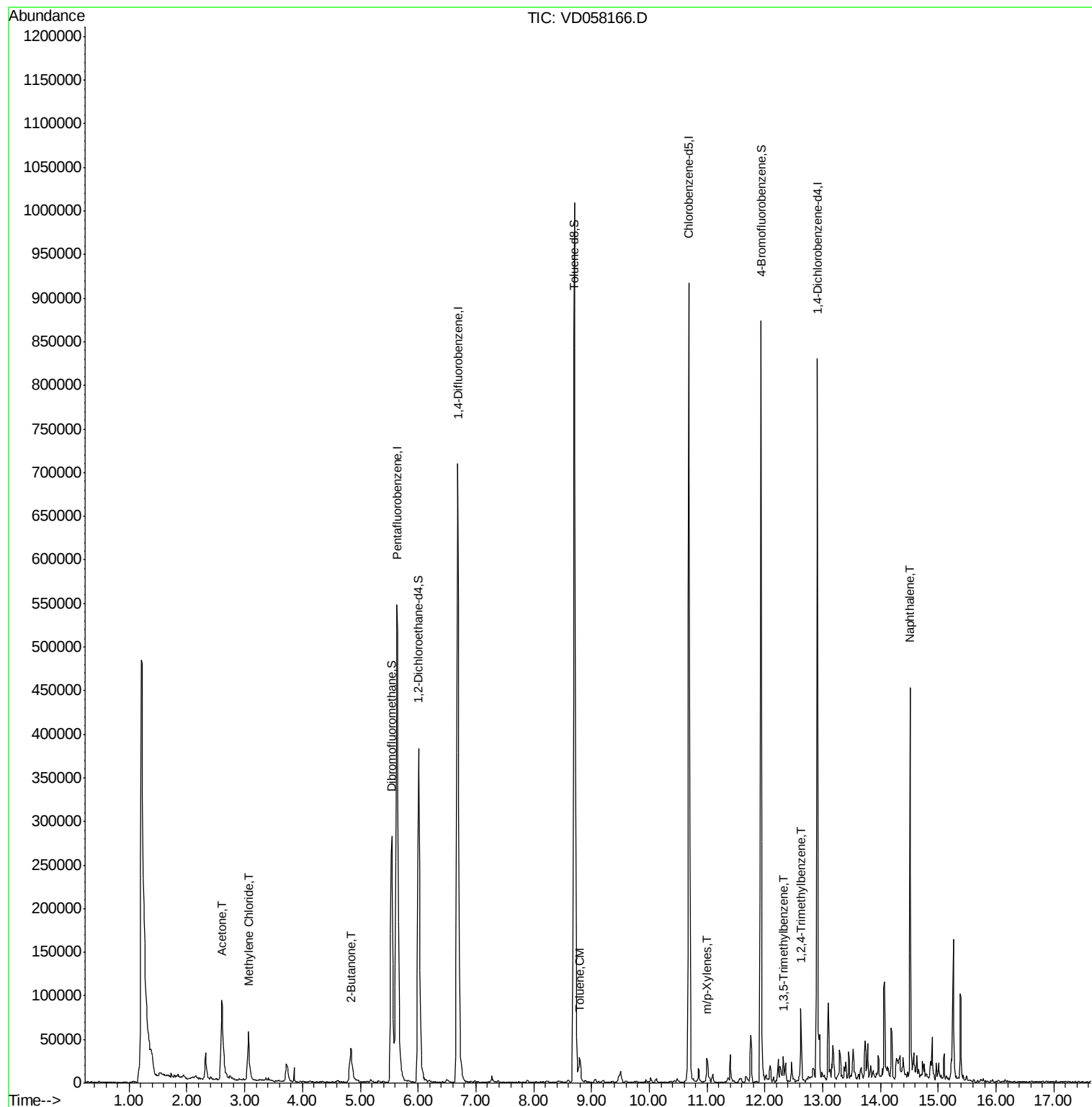
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.60	43	191082	241.271	ug/l	98
20) Methylene Chloride	3.06	84	22293	4.613	ug/l #	95
25) 2-Butanone	4.83	43	28381	15.768	ug/l	98
52) Toluene	8.80	92	11597	1.074	ug/l	97
68) m/p-Xylenes	11.01	106	7291	1.266	ug/l #	72
80) 1,3,5-Trimethylbenzene	12.32	105	14025	1.590	ug/l	99
84) 1,2,4-Trimethylbenzene	12.62	105	31845	3.357	ug/l	94
95) Naphthalene	14.51	128	237482	43.066	ug/l	97

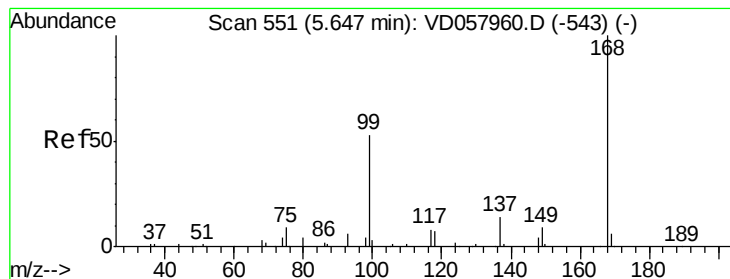
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061518\
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Quant Time: Jun 16 00:32:09 2018
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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: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD058166.D

Acq: 15 Jun 2018 21:49

Instrument :

MSVOA_D

ClientSampleId :

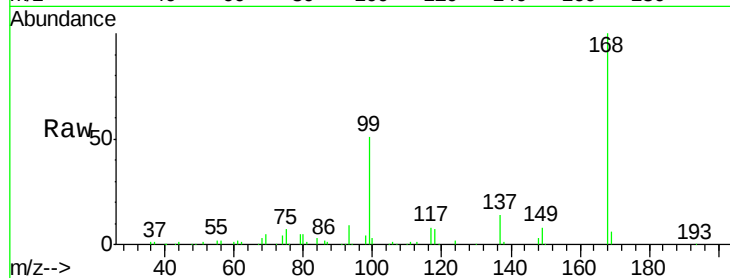
AREA-3(S)

Tot Ion:168 Resp: 549845

Ion Ratio Lower Upper

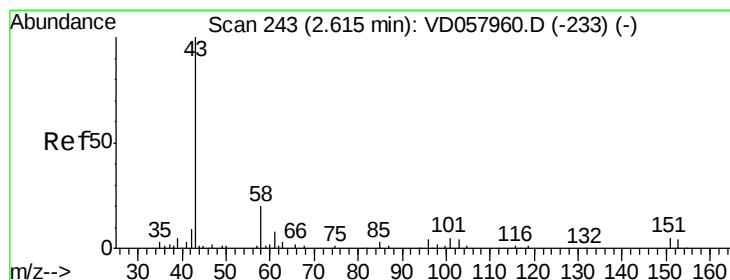
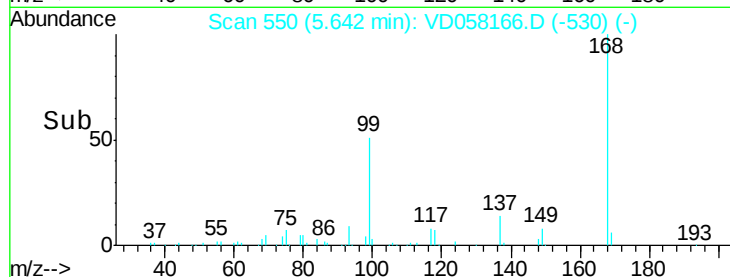
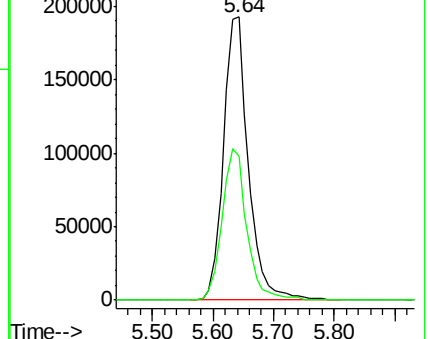
168 100

99 50.7 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: 241.271 ug/l

RT: 2.60 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD058166.D

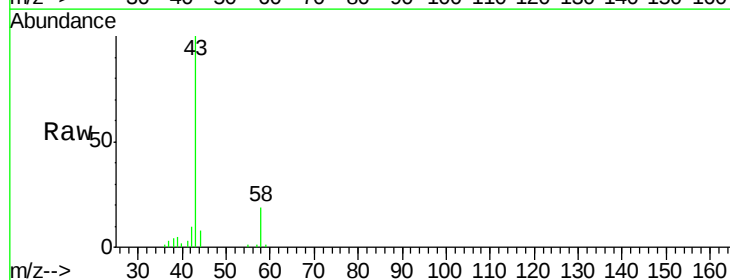
Acq: 15 Jun 2018 21:49

Tgt Ion: 43 Resp: 191082

Ion Ratio Lower Upper

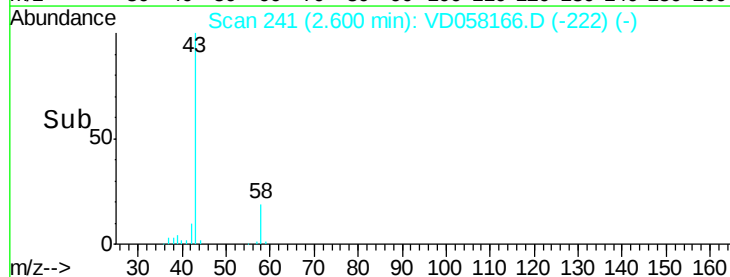
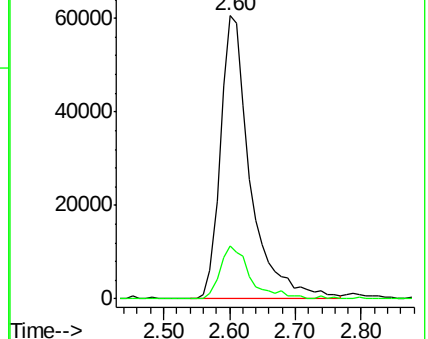
43 100

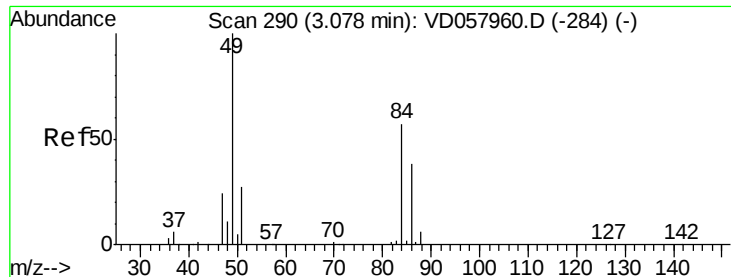
58 18.7 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

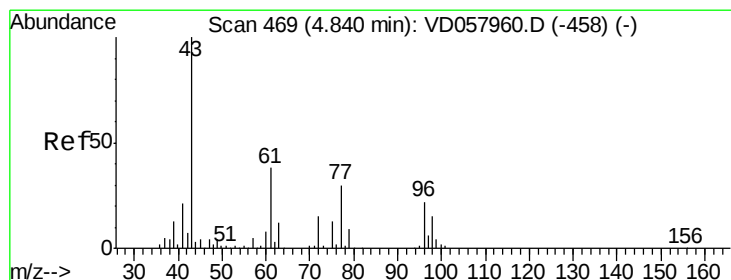
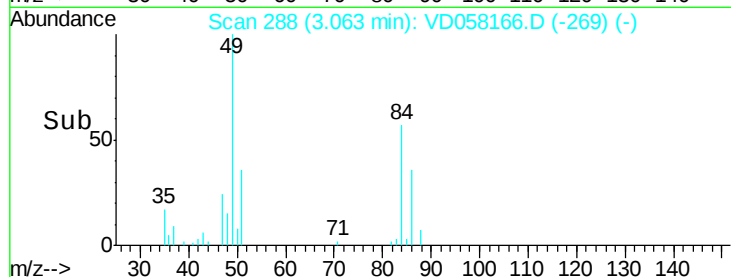
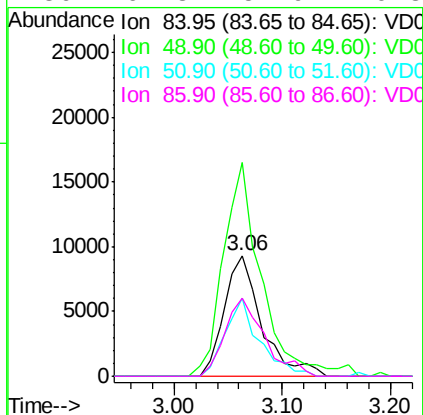
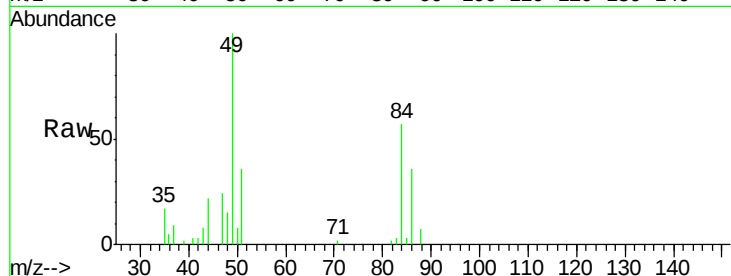




#20
Methvlene Chloride
Concen: 4.613 ug/l
RT: 3.06 min Scan# 288
Delta R.T. -0.01 min
Lab File: VD058166.D
Acq: 15 Jun 2018 21:49

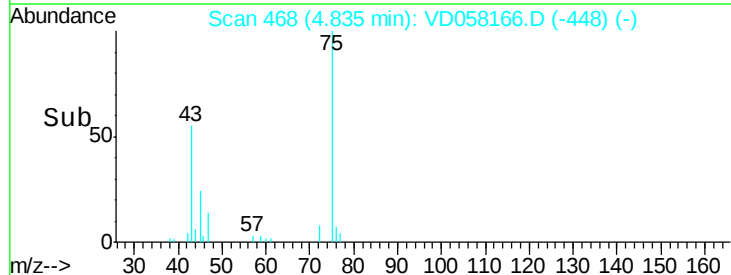
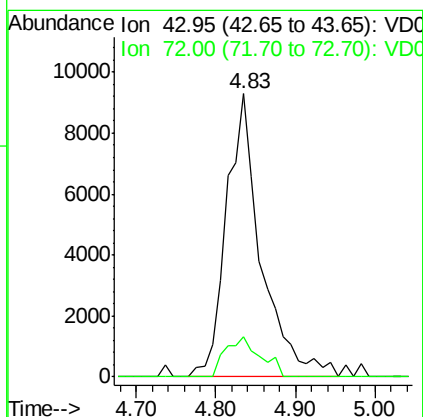
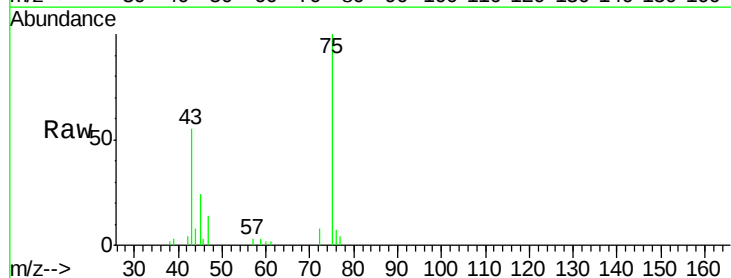
Instrument :
MSVOA_D
ClientSampleId :
AREA-3(S)

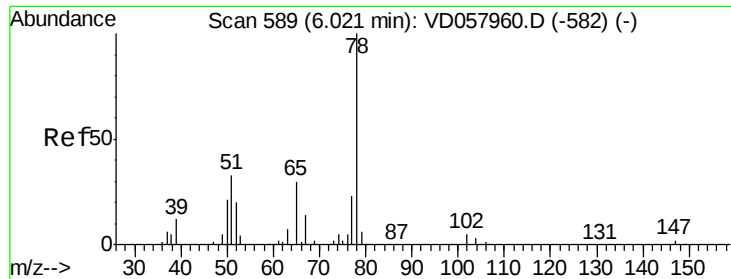
Tot Ion: 84 Resp: 22293
Ion Ratio Lower Upper
84 100
49 177.0 141.4 212.0
51 64.2 38.3 57.5#
86 64.3 52.9 79.3



#25
2-Butanone
Concen: 15.768 ug/l
RT: 4.83 min Scan# 468
Delta R.T. -0.01 min
Lab File: VD058166.D
Acq: 15 Jun 2018 21:49

Tgt Ion: 43 Resp: 28381
Ion Ratio Lower Upper
43 100
72 14.2 12.0 18.0





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 587

Delta R.T. -0.02 min

Lab File: VD058166.D

Acq: 15 Jun 2018 21:49

Instrument :

MSVOA_D

ClientSampleId :

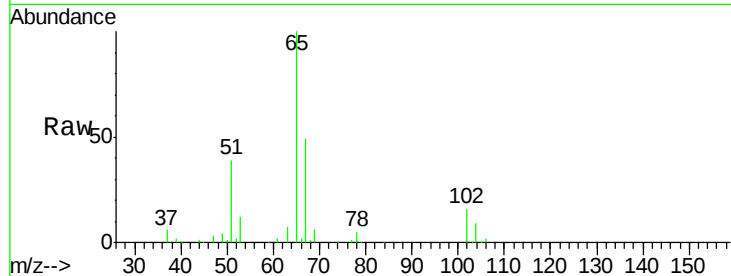
AREA-3(S)

Tot Ion: 65 Resp: 368421

Ion Ratio Lower Upper

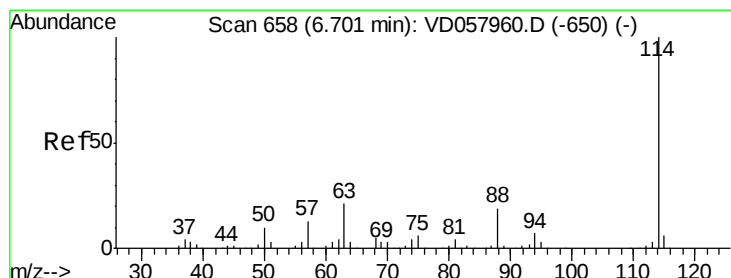
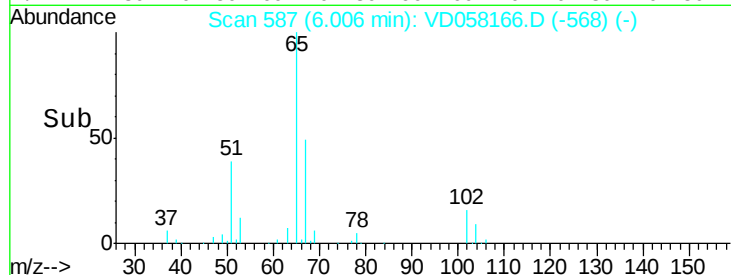
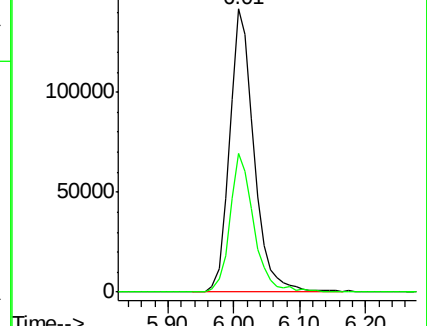
65 100

67 48.9 0.0 94.0



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: 6.69 min Scan# 656

Delta R.T. -0.02 min

Lab File: VD058166.D

Acq: 15 Jun 2018 21:49

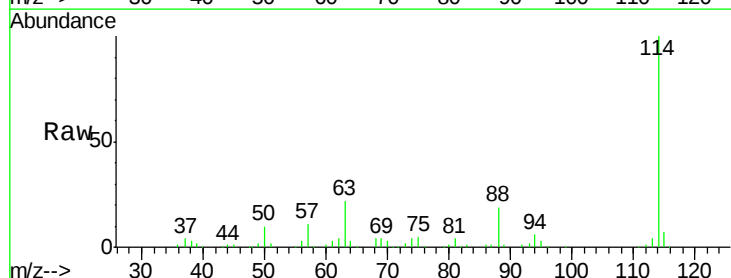
Tgt Ion: 114 Resp: 731339

Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.8

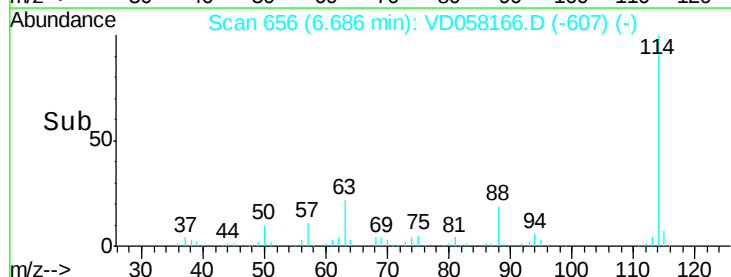
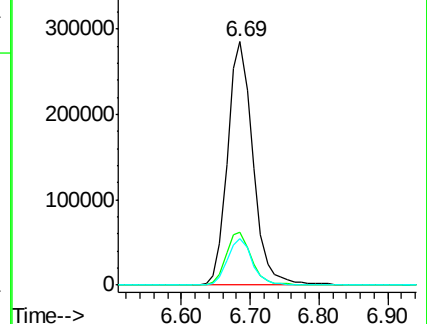
88 19.0 0.0 37.8

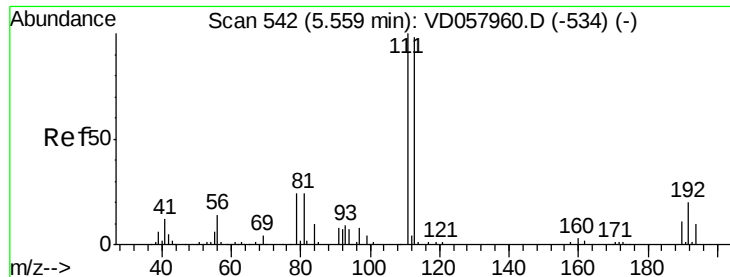


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

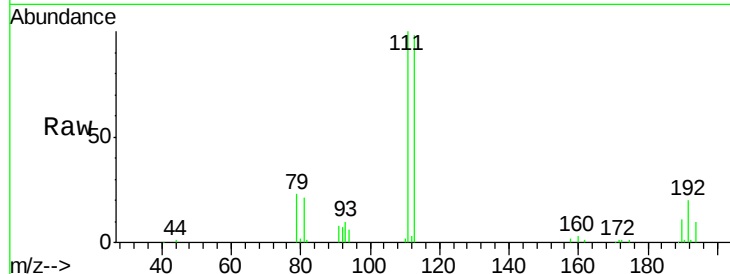




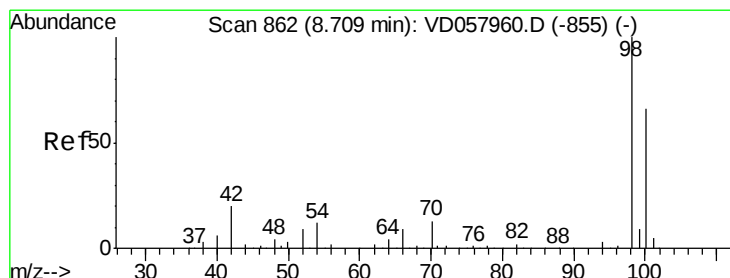
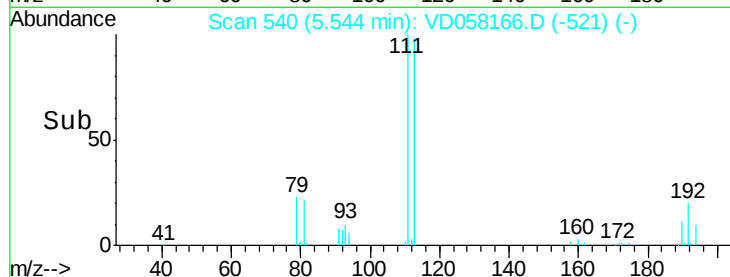
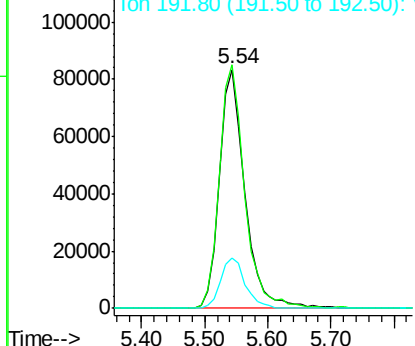
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.54 min Scan# 540
Delta R.T. -0.02 min
Lab File: VD058166.D
Acq: 15 Jun 2018 21:49

Instrument :
MSVOA_D
ClientSampled :
AREA-3(S)

Tot Ion:113 Resp: 235017
Ion Ratio Lower Upper
113 100
111 102.0 81.5 122.3
192 21.3 16.4 24.6

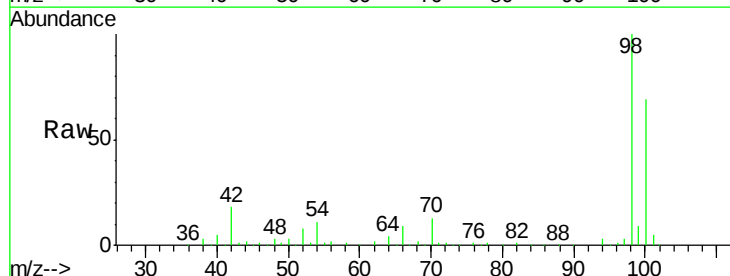


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

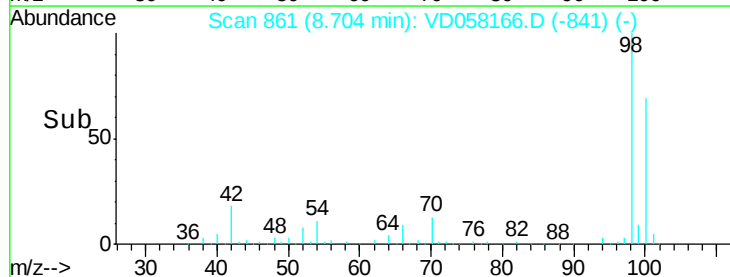
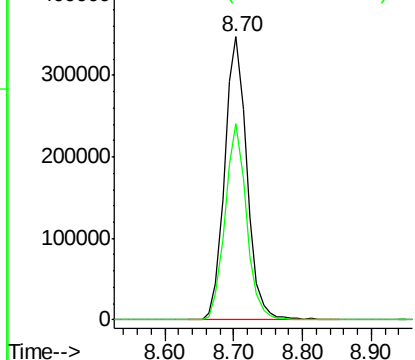


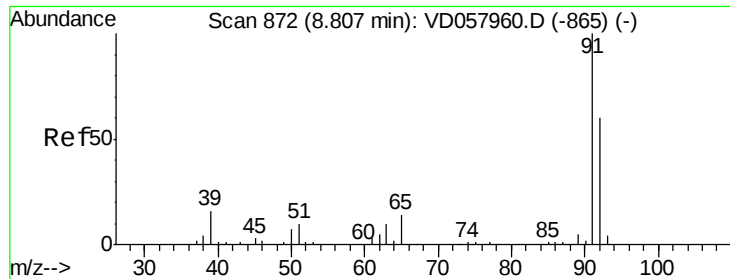
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD058166.D
Acq: 15 Jun 2018 21:49

Tgt Ion: 98 Resp: 776273
Ion Ratio Lower Upper
98 100
100 69.4 53.4 80.0



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





#52

Toluene

Concen: 1.074 ug/l

RT: 8.80 min Scan# 871

Delta R.T. -0.01 min

Lab File: VD058166.D

Acq: 15 Jun 2018 21:49

Instrument :

MSVOA_D

ClientSampleId :

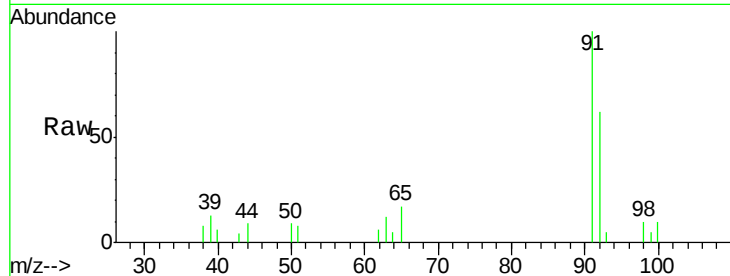
AREA-3(S)

Tot Ion: 92 Resp: 11597

Ion Ratio Lower Upper

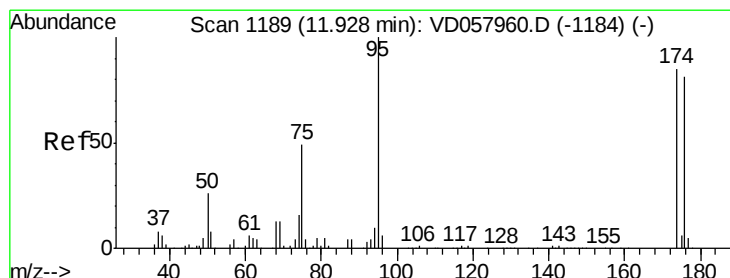
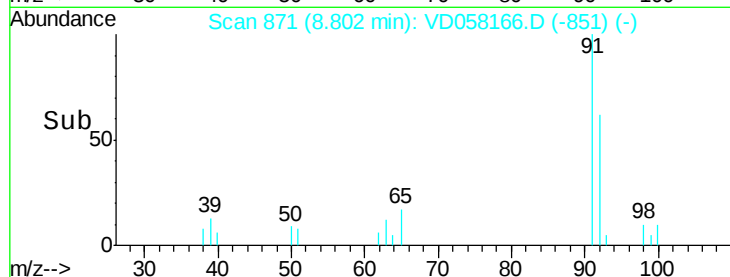
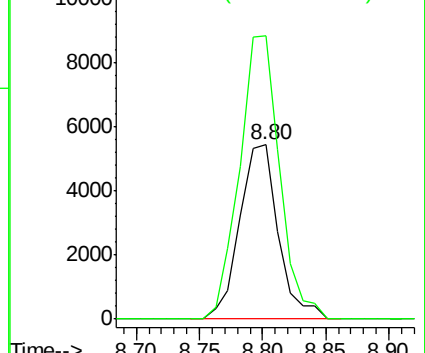
92 100

91 162.4 133.0 199.6



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: 11.92 min Scan# 1188

Delta R.T. -0.01 min

Lab File: VD058166.D

Acq: 15 Jun 2018 21:49

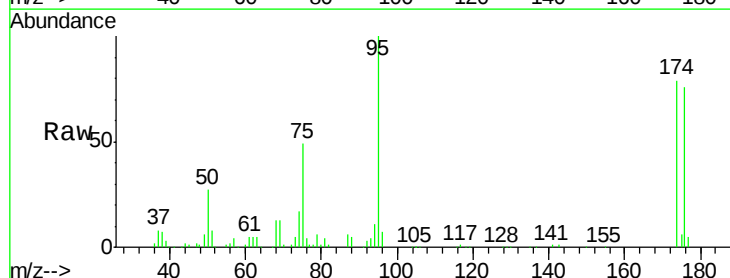
Tgt Ion: 95 Resp: 252255

Ion Ratio Lower Upper

95 100

174 78.6 0.0 169.4

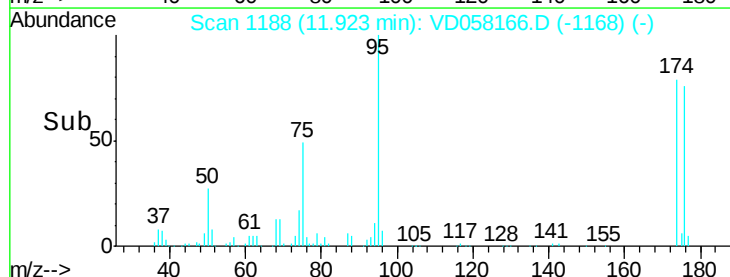
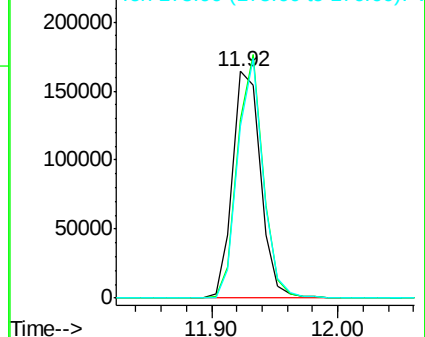
176 75.7 0.0 162.6

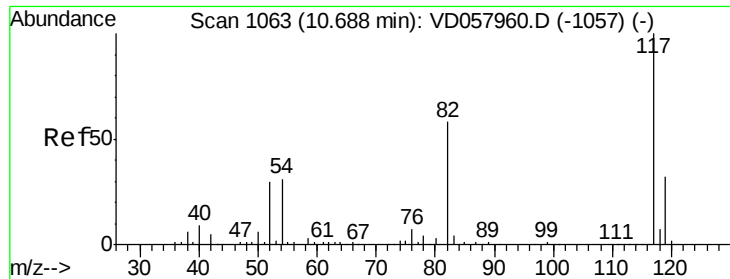


Abundance Ion 95.00 (94.70 to 95.70): VDC

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: 10.68 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD058166.D

Acq: 15 Jun 2018 21:49

Instrument :

MSVOA_D

ClientSampleId :

AREA-3(S)

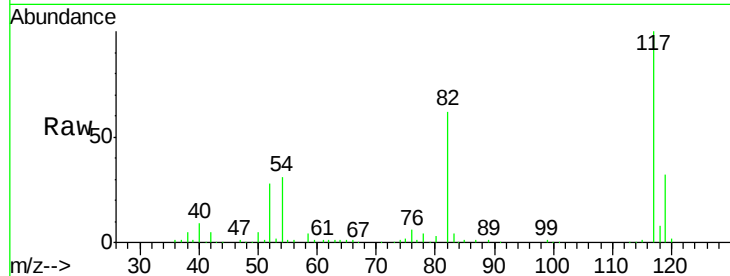
Tot Ion:117 Resp: 483151

Ion Ratio Lower Upper

117 100

82 62.4 46.8 70.2

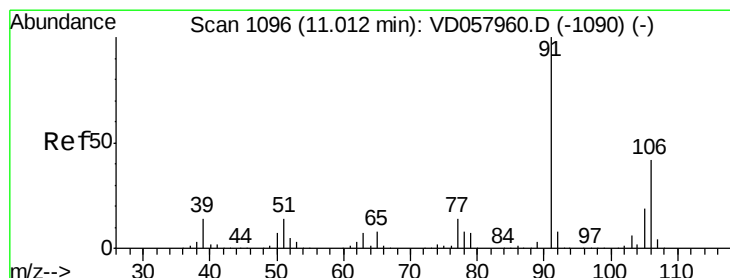
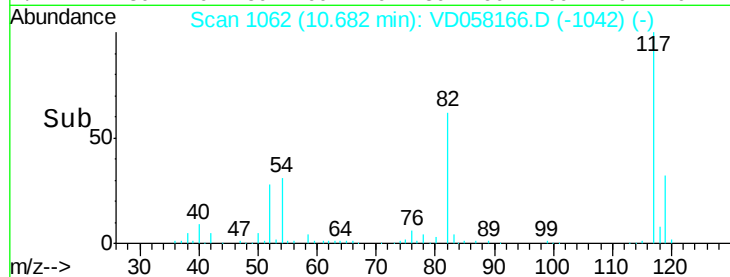
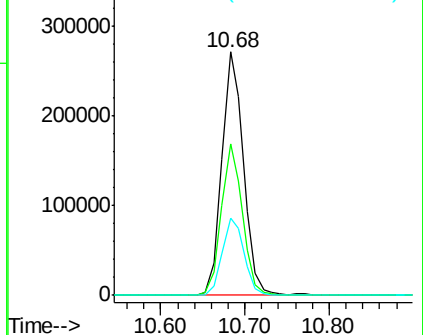
119 31.7 25.8 38.6



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: 1.266 ug/l

RT: 11.01 min Scan# 1095

Delta R.T. -0.01 min

Lab File: VD058166.D

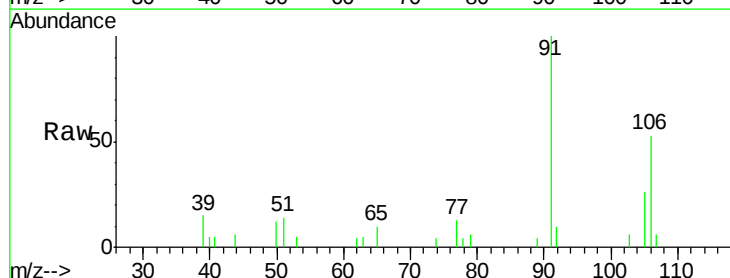
Acq: 15 Jun 2018 21:49

Tgt Ion:106 Resp: 7291

Ion Ratio Lower Upper

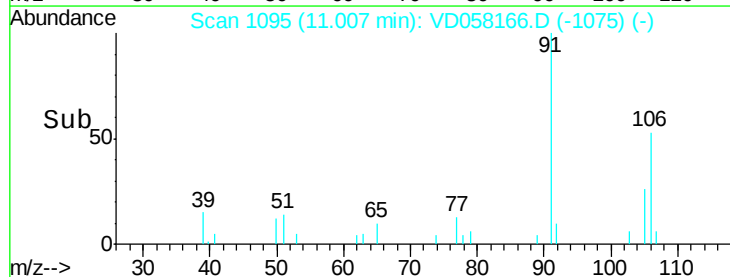
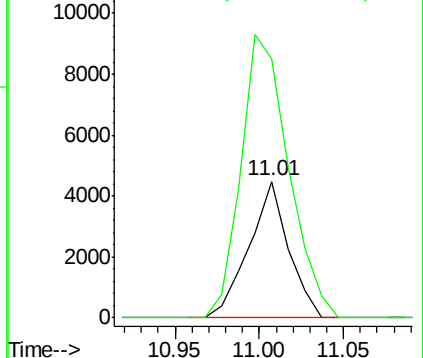
106 100

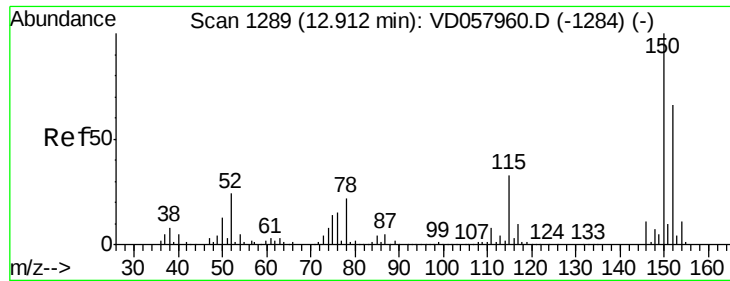
91 189.8 190.4 285.6#



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: 12.91 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD058166.D

Acq: 15 Jun 2018 21:49

Instrument :

MSVOA_D

ClientSampleId :

AREA-3(S)

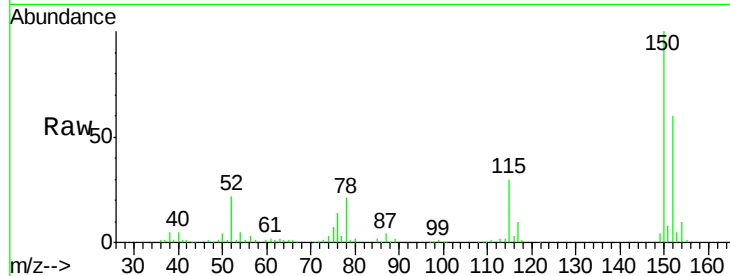
Tot Ion:152 Resp: 170805

Ion Ratio Lower Upper

152 100

115 49.9 25.6 76.6

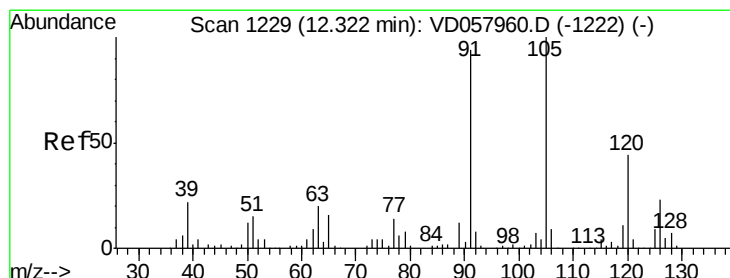
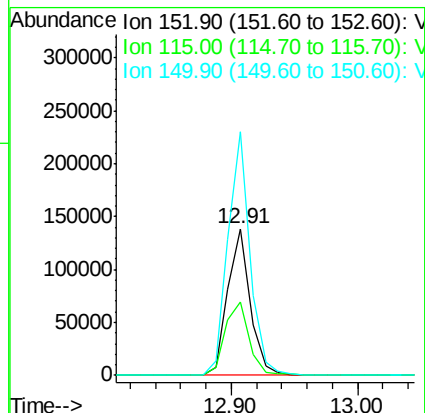
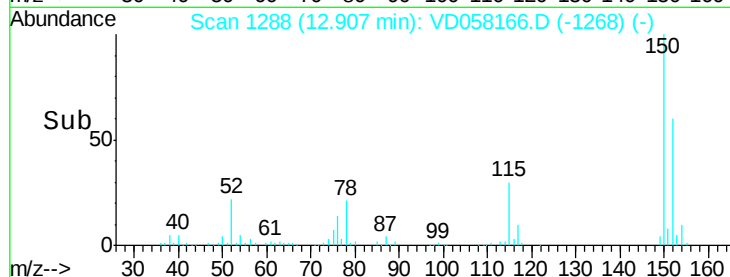
150 166.1 0.0 306.8



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: 1.590 ug/l

RT: 12.32 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VD058166.D

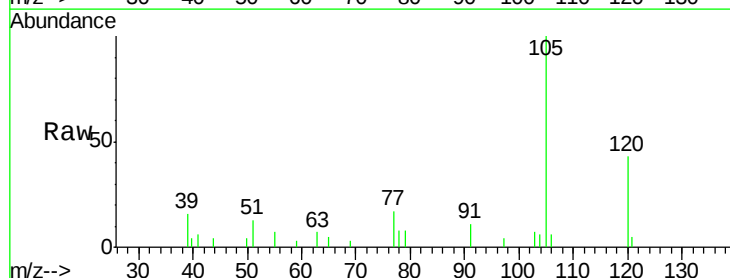
Acq: 15 Jun 2018 21:49

Tgt Ion:105 Resp: 14025

Ion Ratio Lower Upper

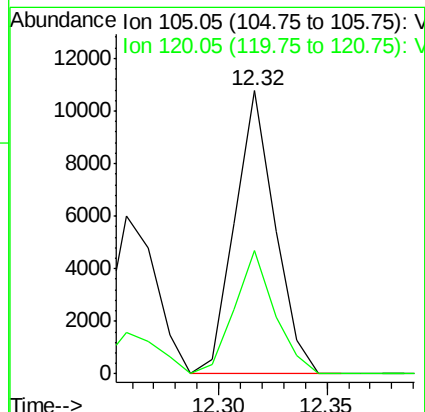
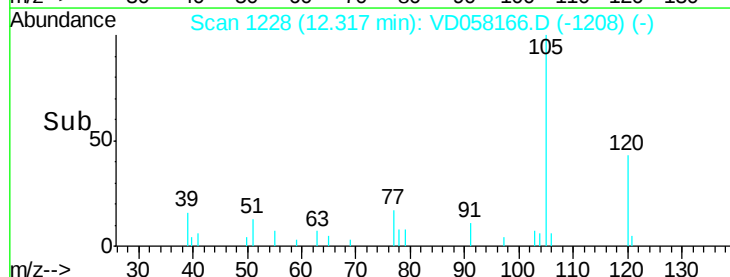
105 100

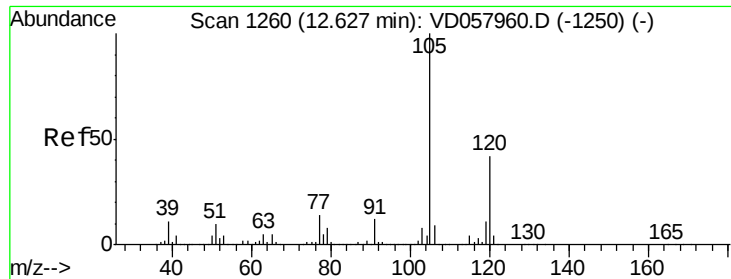
120 43.5 22.0 66.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

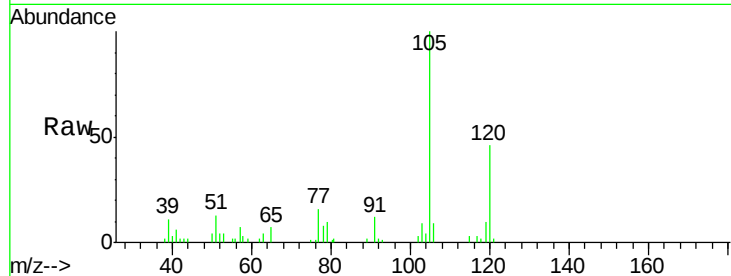




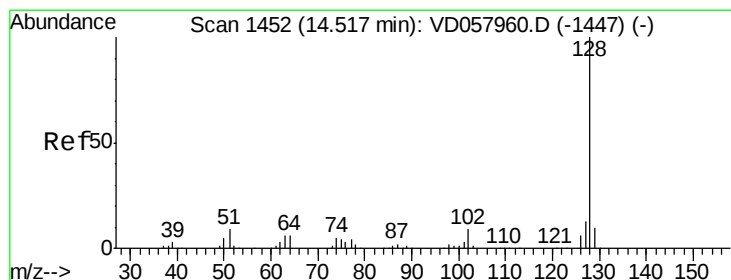
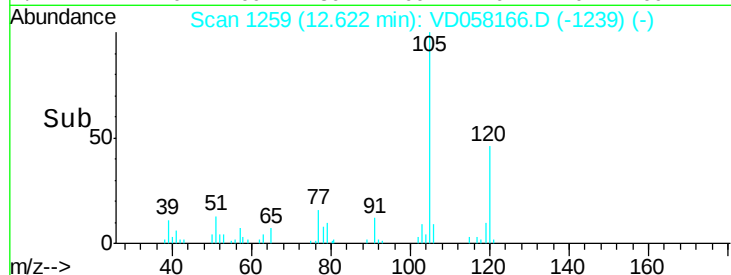
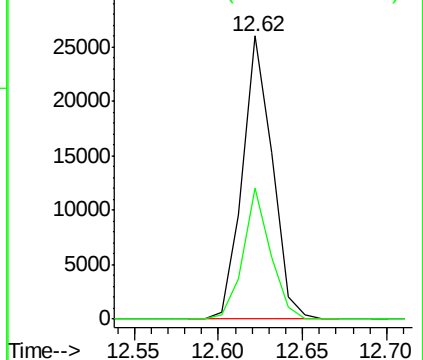
#84
 1,2,4-Trimethylbenzene
 Concen: 3.357 ug/l
 RT: 12.62 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VD058166.D
 Acq: 15 Jun 2018 21:49

Instrument :
 MSVOA_D
 ClientSampleId :
 AREA-3(S)

Tot Ion:105 Resp: 31845
 Ion Ratio Lower Upper
 105 100
 120 46.3 21.2 63.6

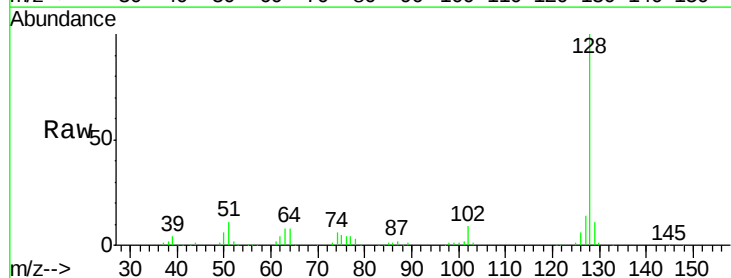


Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V



#95
 Naphthalene
 Concen: 43.066 ug/l
 RT: 14.51 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: VD058166.D
 Acq: 15 Jun 2018 21:49

Tgt Ion:128 Resp: 237482
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.2 15.2
 129 11.1 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

