

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066884.D
 Acq On : 25 Sep 2020 19:50
 Operator : VA/SY
 Sample : L4129-18
 Misc : 11.39G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-COMP-3

Quant Time: Sep 26 03:03:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

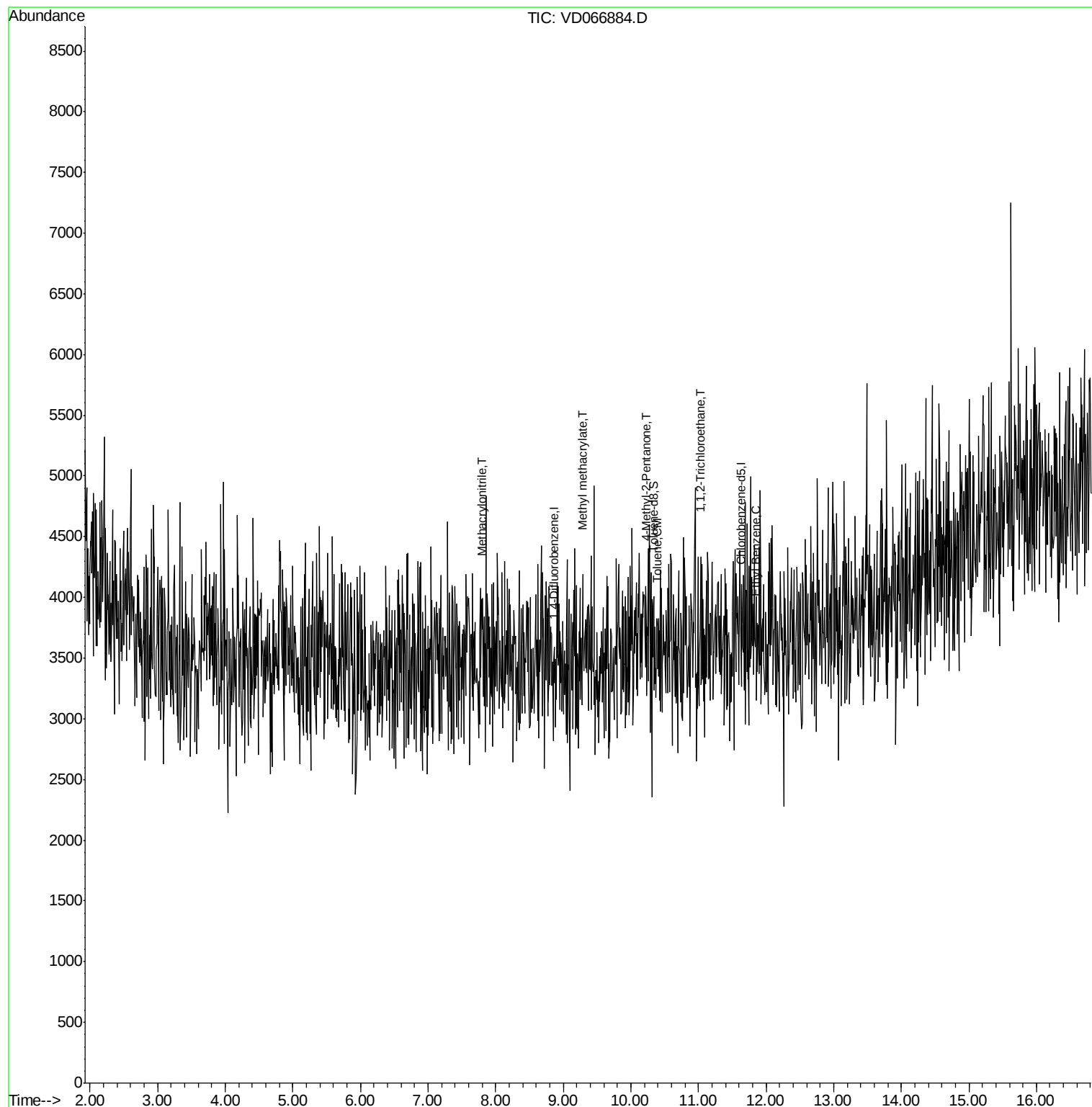
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-7.98
34) 1,4-Difluorobenzene	8.86	114	159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	126	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-13.58
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	10.33	98	57	16.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.08%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
Target Compounds						
41) Methacrylonitrile	7.80	41	101	288.010	ug/l #	100
48) Methyl methacrylate	9.28	41	57	105.155	ug/l #	10
51) 4-Methyl-2-Pentanone	10.22	43	81	145.402	ug/l #	35
52) Toluene	10.40	92	131	46.261	ug/l #	40
55) 1,1,2-Trichloroethane	11.03	97	119	144.040	ug/l #	17
67) Ethyl Benzene	11.84	91	57	12.374	ug/l #	43

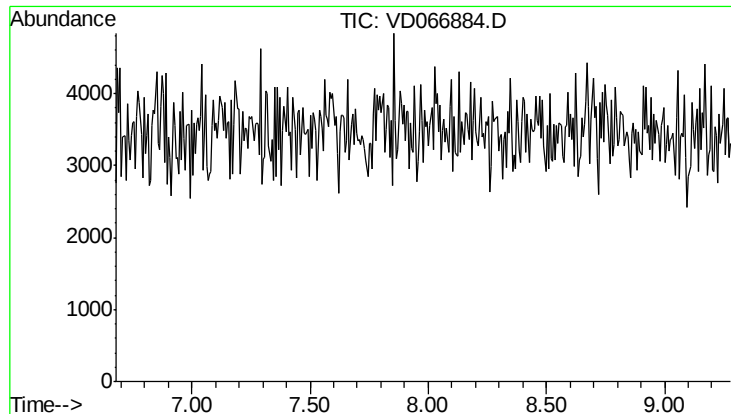
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092520\
Data File : VD066884.D
Acq On : 25 Sep 2020 19:50
Operator : VA/SY
Sample : L4129-18
Misc : 11.39G/5.00ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-3

Quant Time: Sep 26 03:03:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 7.98 min

Lab File: VD066884.D

Acq: 25 Sep 2020 19:50

Tot Ion: 168

Sig	Exp Ratio
168	100
99	58.2

168 100

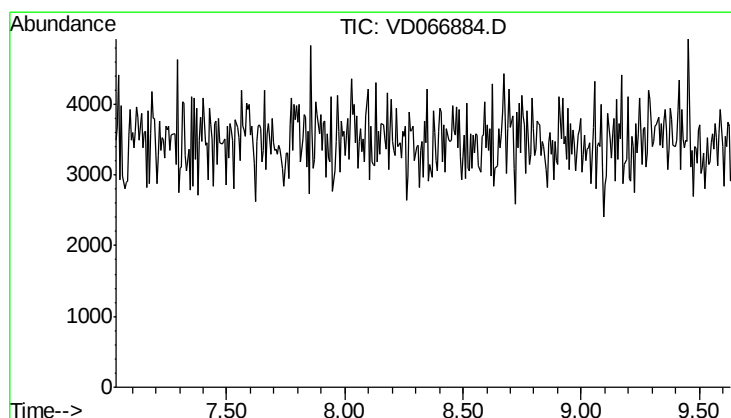
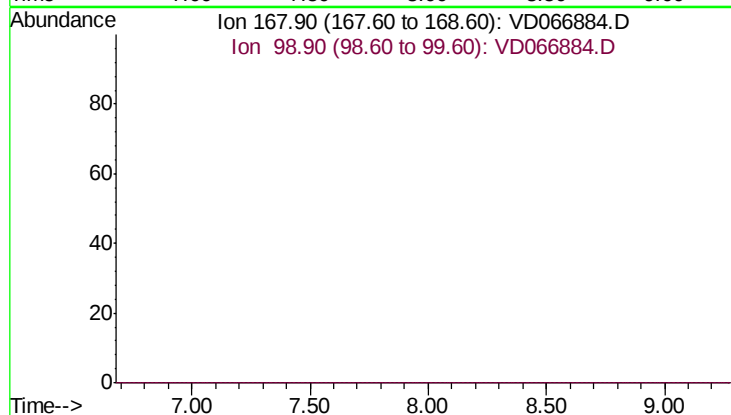
99 58.2

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP-3



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.33 min

Lab File: VD066884.D

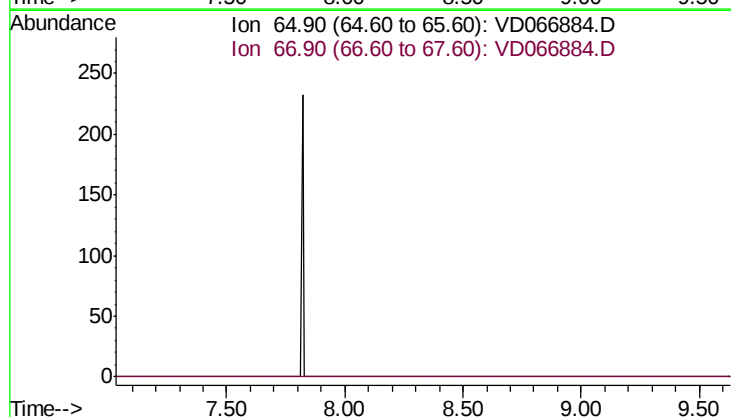
Acq: 25 Sep 2020 19:50

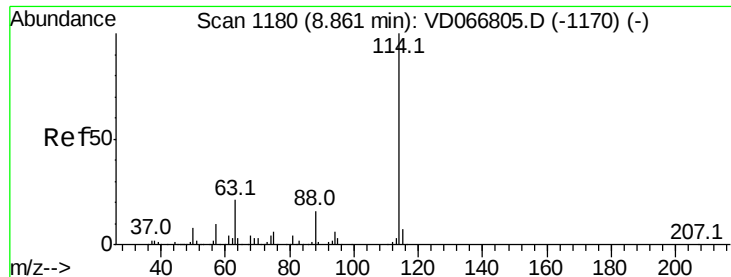
Tgt Ion: 65

Sig	Exp Ratio
65	100
67	53.6

65 100

67 53.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VD066884.D

Acq: 25 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP-3

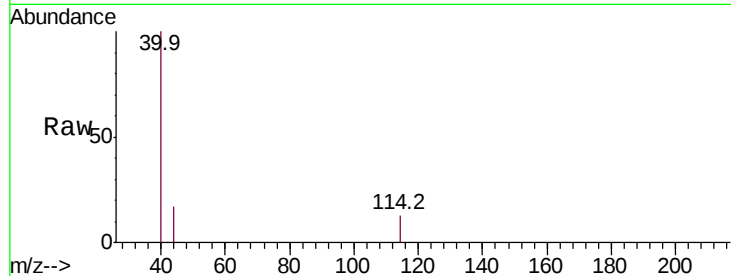
Tot Ion:114 Resp: 159

Ion Ratio Lower Upper

114 100

63 0.0 0.0 42.6

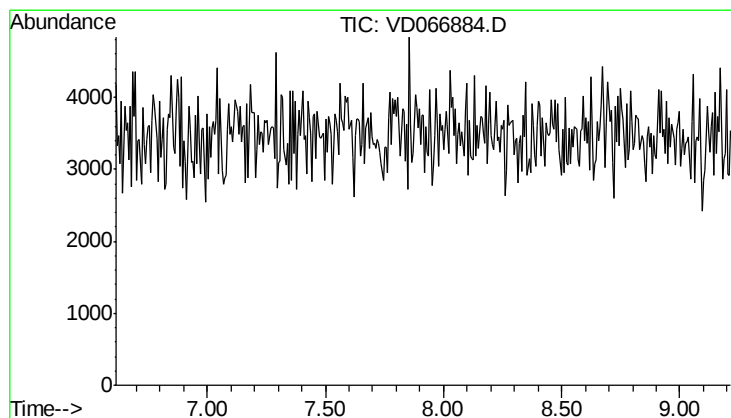
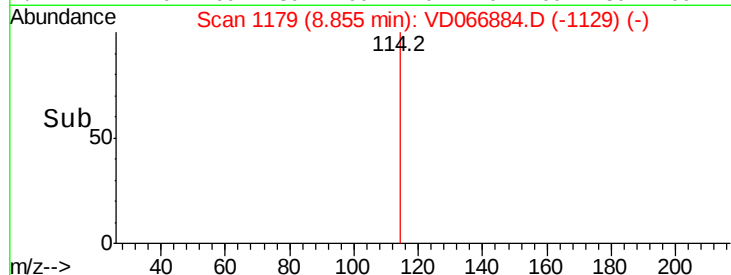
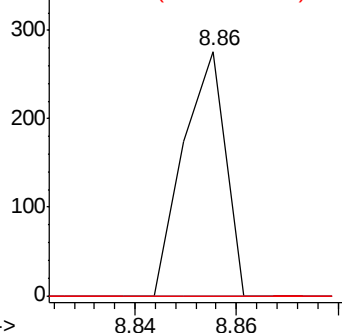
88 0.0 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.91 min

Lab File: VD066884.D

Acq: 25 Sep 2020 19:50

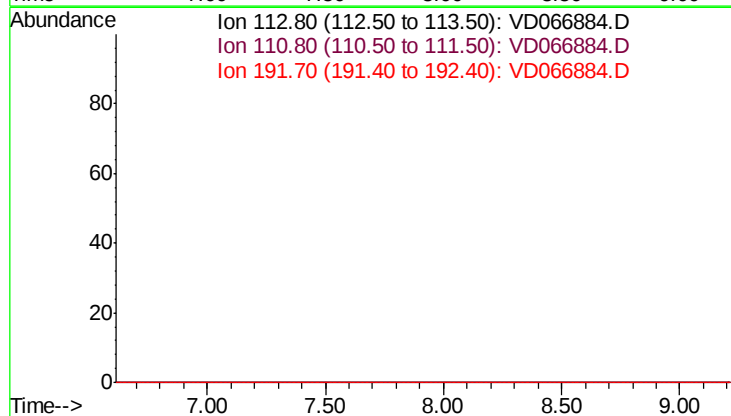
Tgt Ion: 113

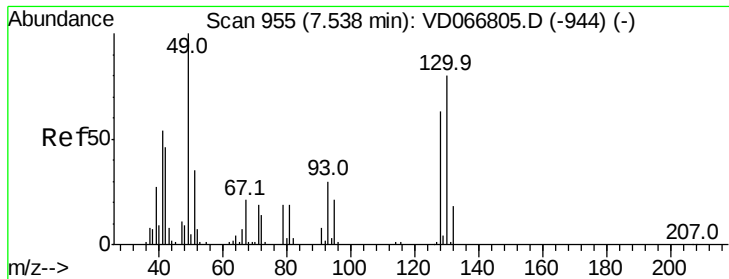
Sig Exp Ratio

113 100

111 102.3

192 18.0





#41

Methacrylonitrile

Concen: 288.010 ug/l

RT: 7.80 min Scan# 999

Delta R.T. 0.26 min

Lab File: VD066884.D

Acq: 25 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

DRUM-COMP-3

Tot Ion: 41 Resp: 101

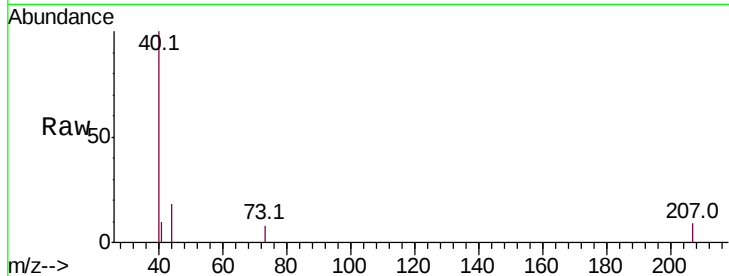
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

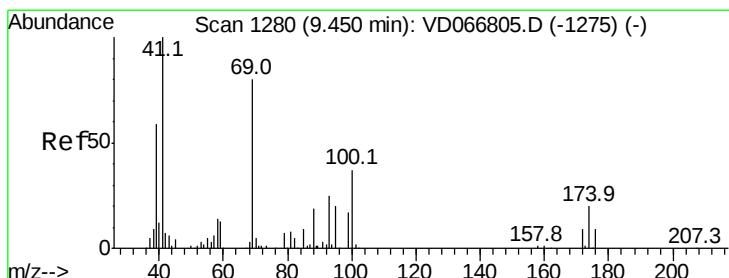
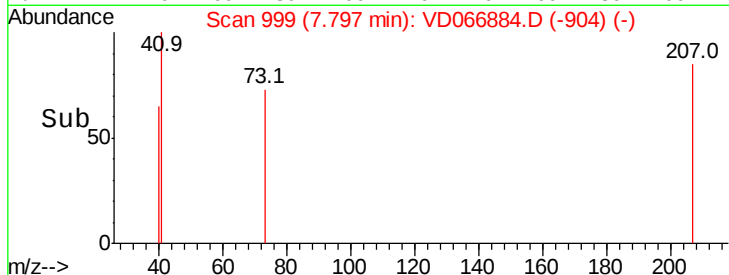
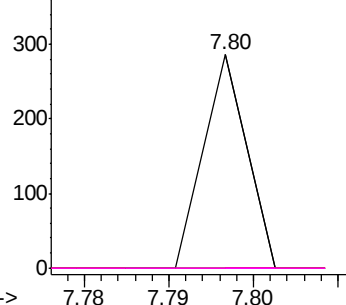


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#48

Methyl methacrylate

Concen: 105.155 ug/l

RT: 9.28 min Scan# 1252

Delta R.T. -0.16 min

Lab File: VD066884.D

Acq: 25 Sep 2020 19:50

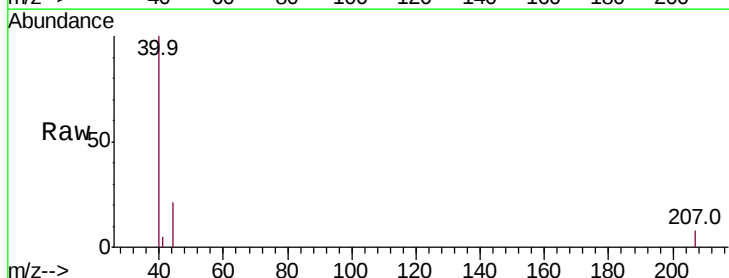
Tgt Ion: 41 Resp: 57

Ion Ratio Lower Upper

41 100

69 0.0 74.5 111.7#

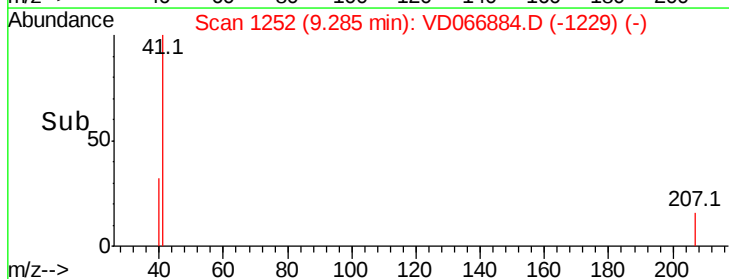
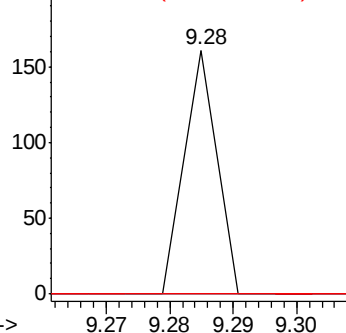
39 0.0 47.0 70.6#

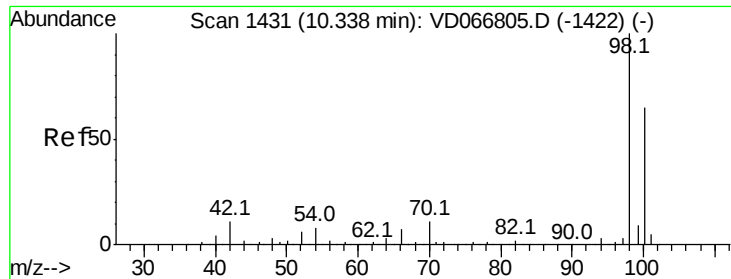


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#50

Toluene-d8

Concen: 16.538 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VD066884.D

Acq: 25 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

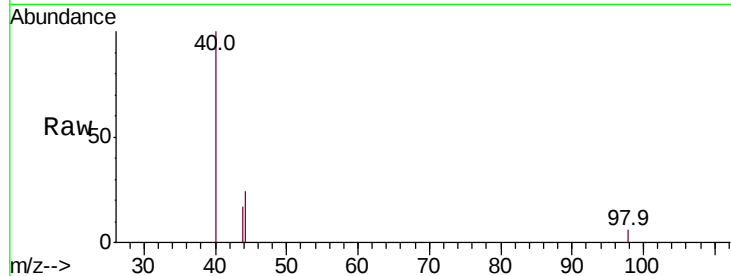
DRUM-COMP-3

Tot Ion: 98 Resp: 57

Ion Ratio Lower Upper

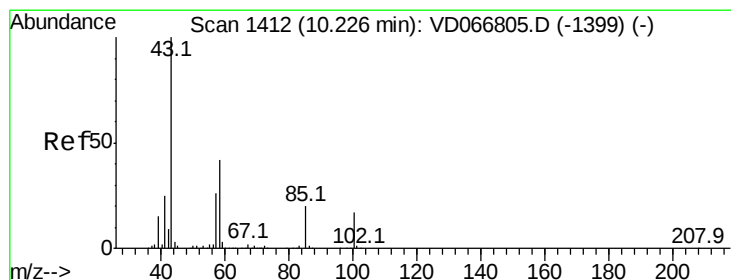
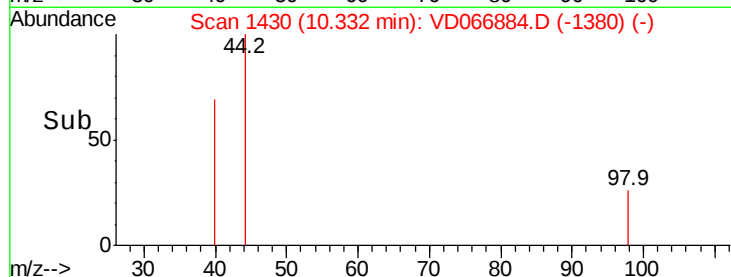
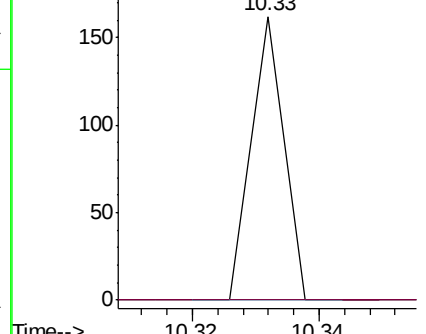
98 100

100 0.0 52.2 78.2#



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#51

4-Methyl-2-Pentanone

Concen: 145.402 ug/l

RT: 10.22 min Scan# 1411

Delta R.T. -0.01 min

Lab File: VD066884.D

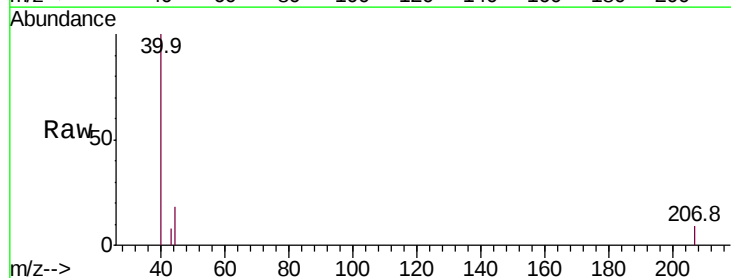
Acq: 25 Sep 2020 19:50

Tgt Ion: 43 Resp: 81

Ion Ratio Lower Upper

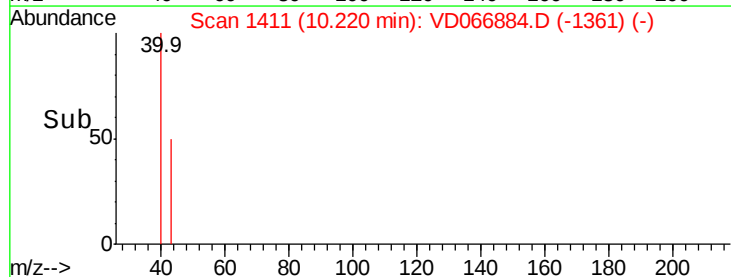
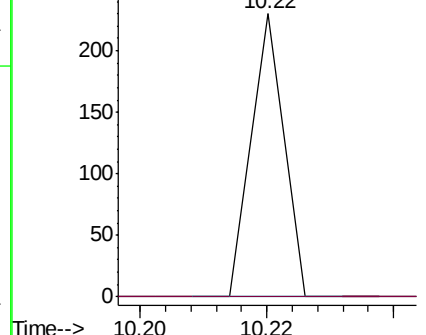
43 100

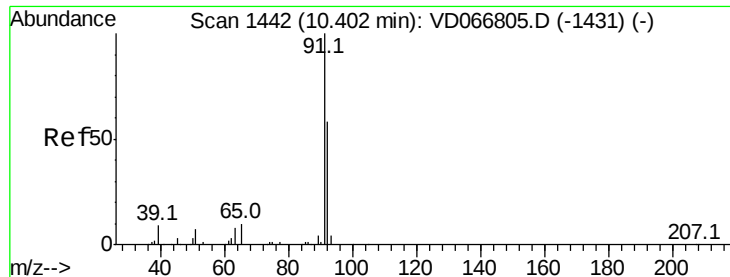
58 0.0 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#52

Toluene

Concen: 46.261 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066884.D

Acq: 25 Sep 2020 19:50

Instrument :

MSVOA_D

ClientSampleId :

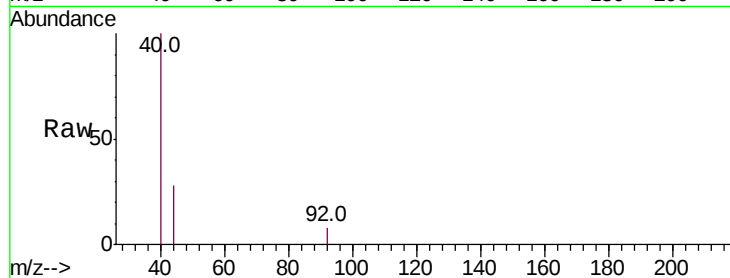
DRUM-COMP-3

Tot Ion: 92 Resp: 131

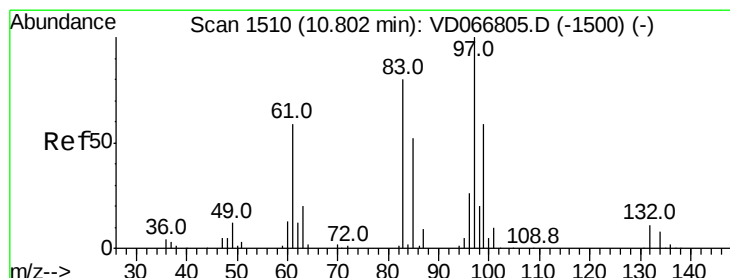
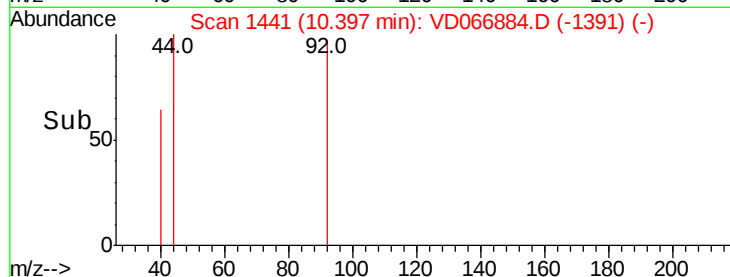
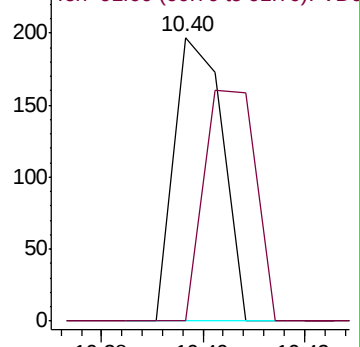
Ion Ratio Lower Upper

92 100

91 86.3 134.6 202.0#



Abundance Ion 92.00 (91.70 to 92.70): VDC



#55

1,1,2-Trichloroethane

Concen: 144.040 ug/l

RT: 11.03 min Scan# 1548

Delta R.T. 0.22 min

Lab File: VD066884.D

Acq: 25 Sep 2020 19:50

Tgt Ion: 97 Resp: 119

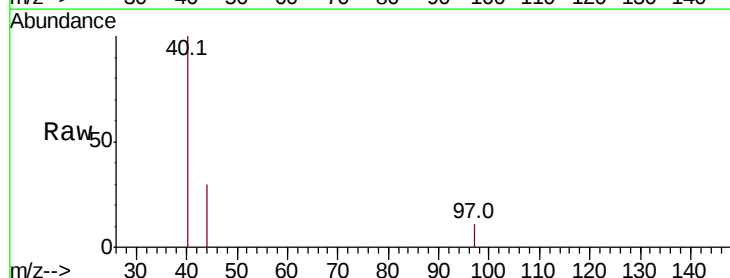
Ion Ratio Lower Upper

97 100

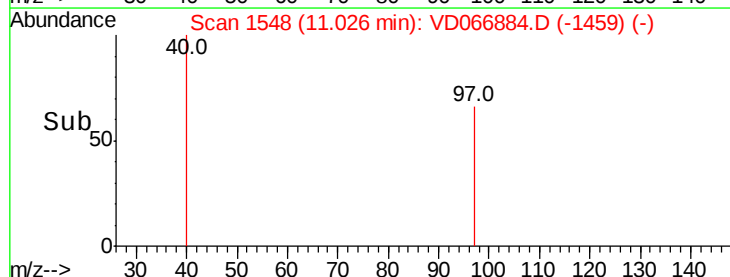
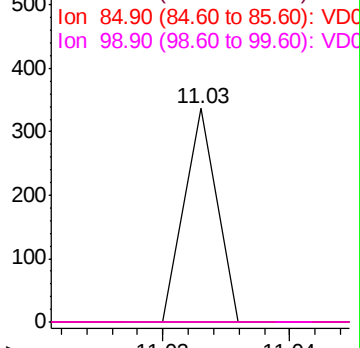
83 0.0 64.2 96.2#

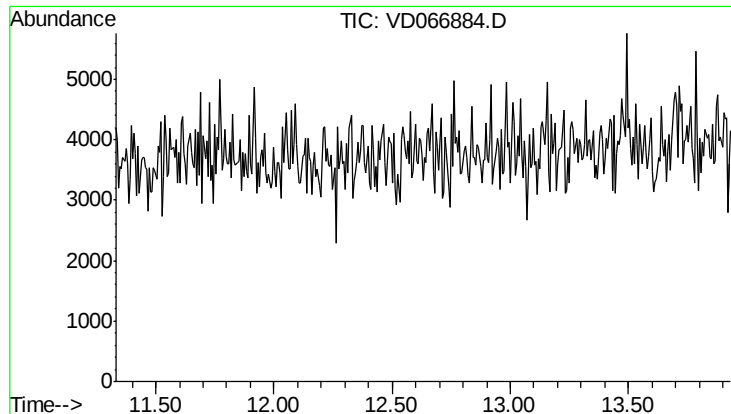
85 0.0 41.9 62.9#

99 0.0 47.5 71.3#



Abundance Ion 96.90 (96.60 to 97.60): VDC



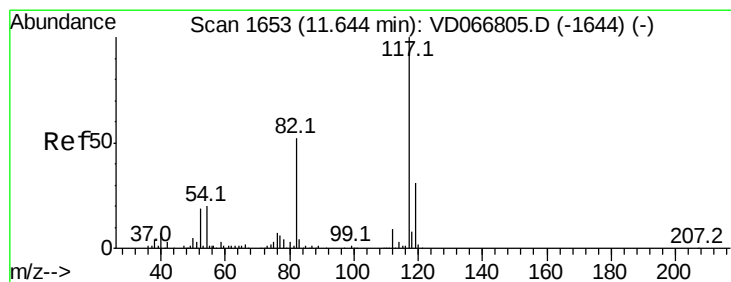
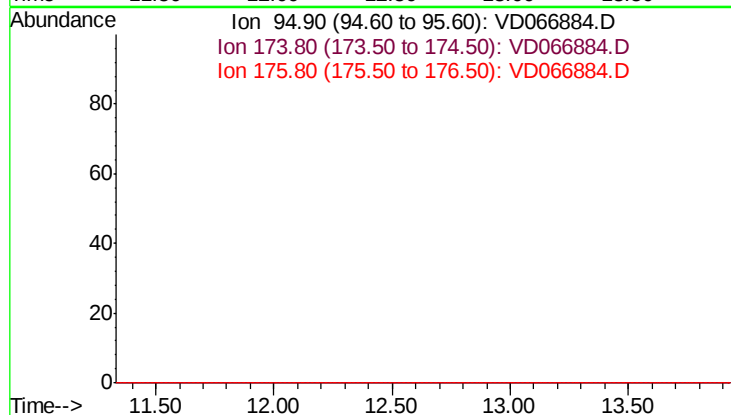


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.63 min

Lab File: VD066884.D
Acq: 25 Sep 2020 19:50

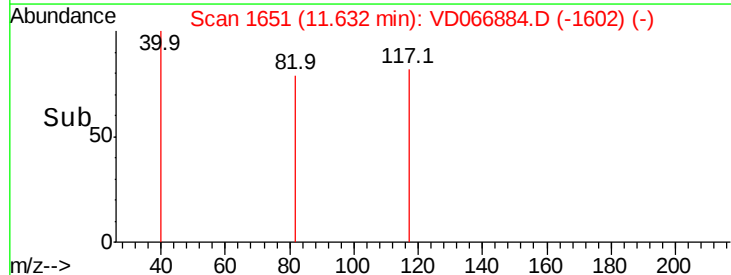
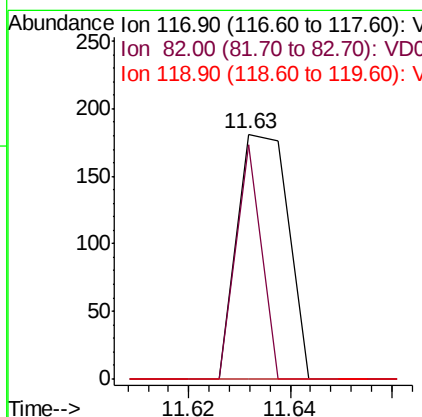
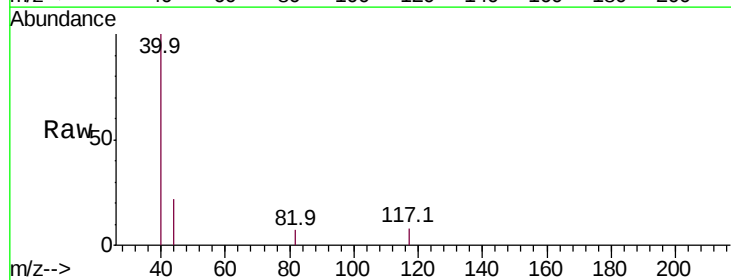
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-3

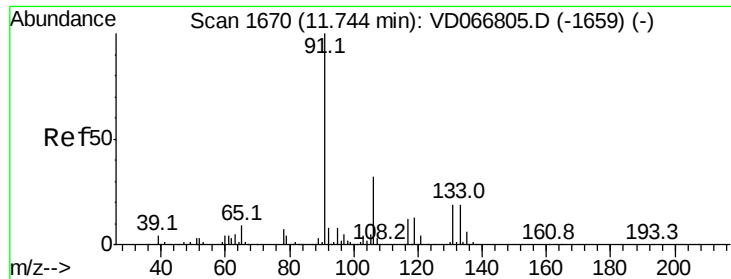
Tot Ion: 95
Sig Exp Ratio
95 100
174 79.9
176 77.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1651
Delta R.T. -0.01 min
Lab File: VD066884.D
Acq: 25 Sep 2020 19:50

Tgt Ion:117 Resp: 126
Ion Ratio Lower Upper
117 100
82 95.6 41.8 62.6#
119 0.0 24.6 37.0#

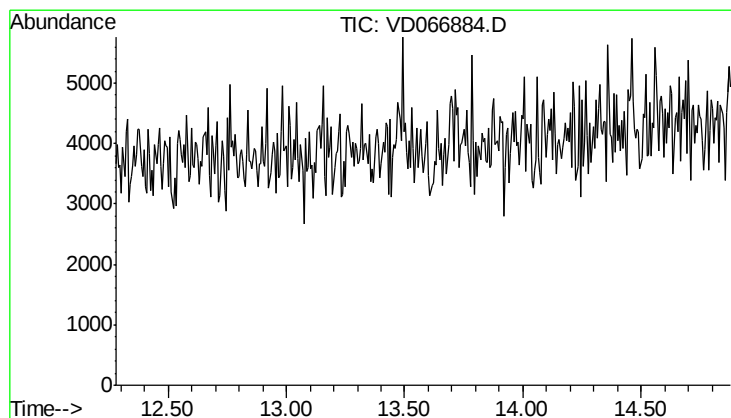
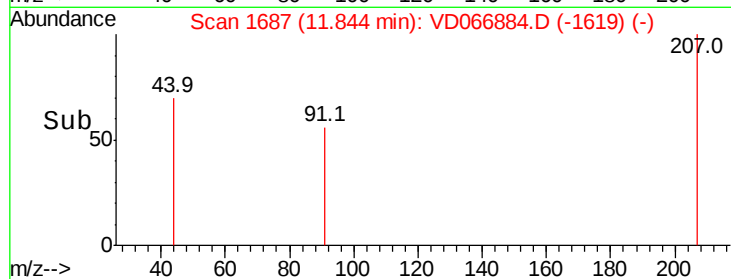
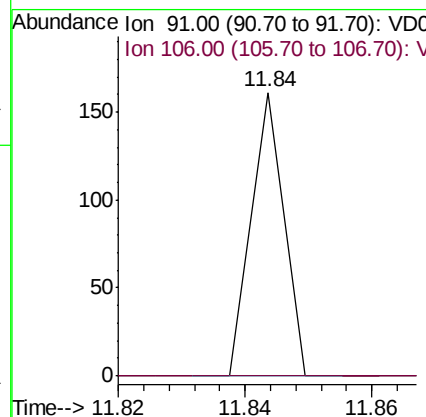
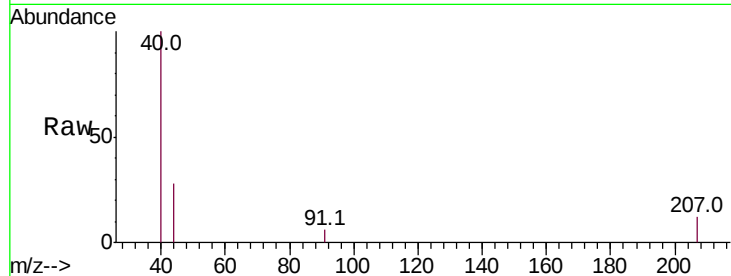




#67
 Ethvl Benzene
 Concen: 12.374 ug/l
 RT: 11.84 min Scan# 1687
 Delta R.T. 0.10 min
 Lab File: VD066884.D
 Acq: 25 Sep 2020 19:50

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-COMP-3

Tot Ion: 91 Resp: 57
 Ion Ratio Lower Upper
 91 100
 106 0.0 25.6 38.4#



#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 13.58 min

Lab File: VD066884.D
 Acq: 25 Sep 2020 19:50

Tgt Ion: 152
 Sig Exp Ratio
 152 100
 115 60.7
 150 173.1

