

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066909.D
 Acq On : 28 Sep 2020 13:19
 Operator : VA/SY
 Sample : L4129-16RE
 Misc : 7.46G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-COMP-1RE

Quant Time: Sep 29 01:17:16 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	7.98	168	73344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	124179	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	146253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	66610	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	53456	74.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.94%	
35) Dibromofluoromethane	7.91	113	46445	58.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.58%	
50) Toluene-d8	10.34	98	149868	55.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.36%	
62) 4-Bromofluorobenzene	12.63	95	69490	75.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	150.82%	

Target Compounds

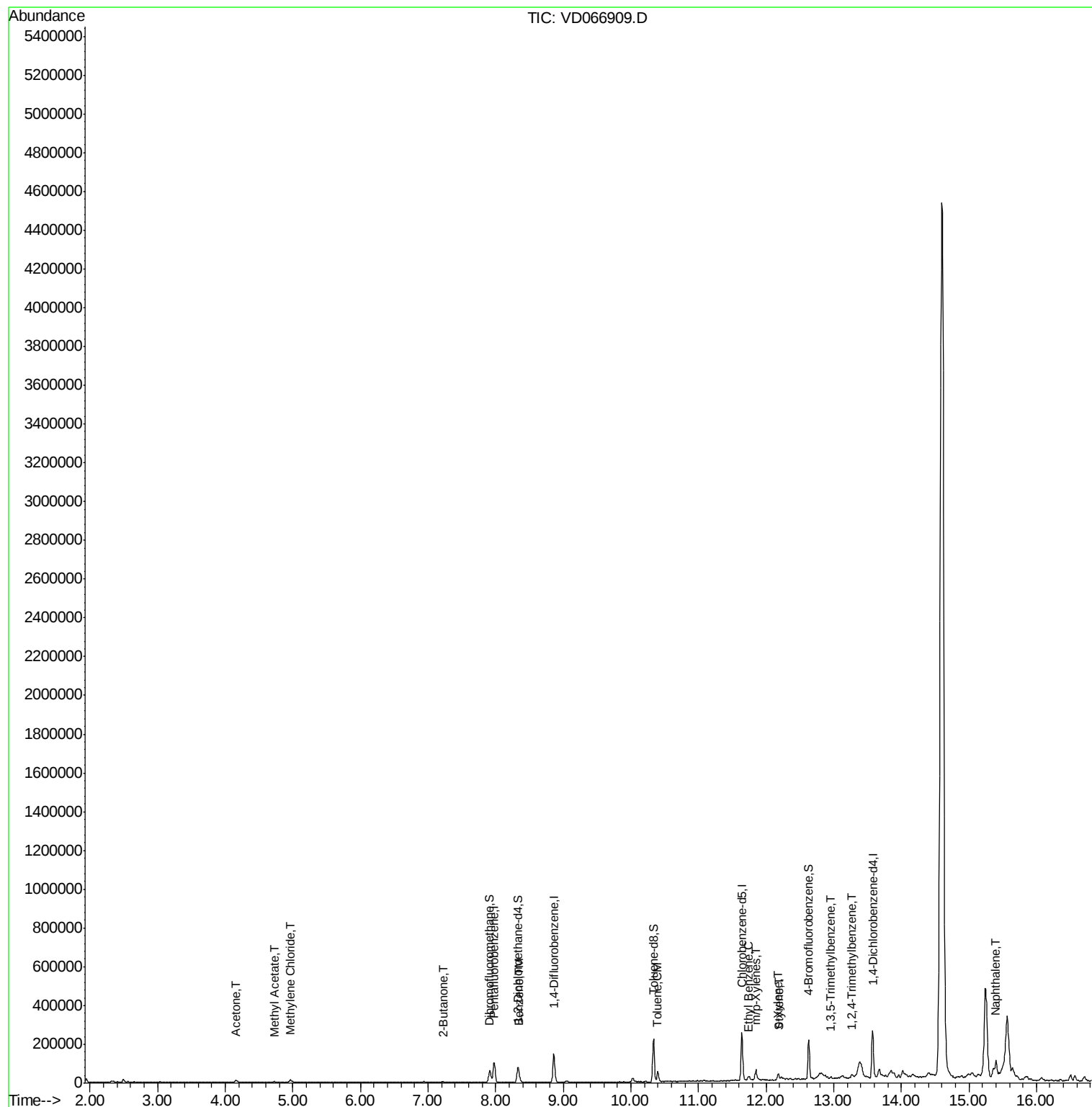
						Qvalue
16) Acetone	4.16	43	19069	125.221	ug/l #	79
18) Methyl Acetate	4.72	43	8060	21.665	ug/l #	73
20) Methylene Chloride	4.97	84	10712	8.163	ug/l	88
25) 2-Butanone	7.22	43	5379	29.393	ug/l #	87
40) Benzene	8.35	78	20280	5.907	ug/l	97
52) Toluene	10.40	92	22249	10.060	ug/l	99
67) Ethyl Benzene	11.74	91	10776	2.015	ug/l	97
68) m/p-Xylenes	11.84	106	16105	7.956	ug/l	97
69) o-Xylene	12.18	106	8068	4.408	ug/l	95
70) Styrene	12.19	104	3232	1.017	ug/l #	50
80) 1,3,5-Trimethylbenzene	12.96	105	4230	1.036	ug/l	88
84) 1,2,4-Trimethylbenzene	13.27	105	15096	3.729	ug/l	80
95) Naphthalene	15.41	128	75650	37.211	ug/l #	91

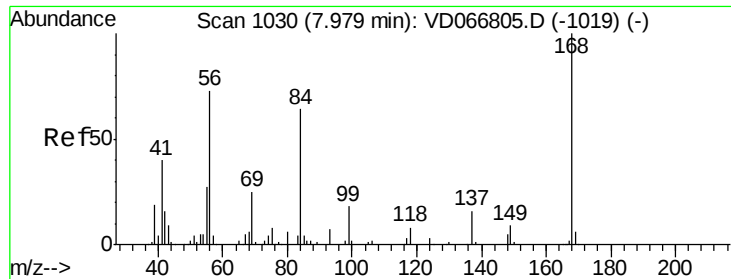
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092820\
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Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066909.D

Acq: 28 Sep 2020 13:19

Instrument :

MSVOA_D

ClientSampleId :

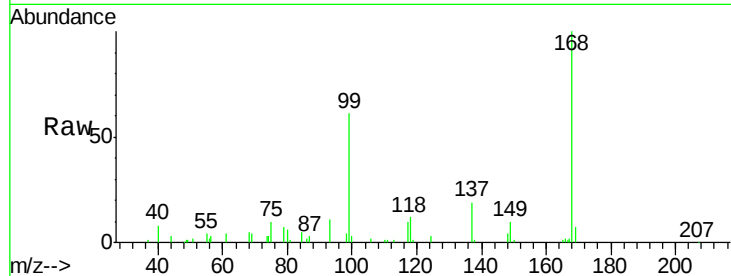
DRUM-COMP-1RE

Tot Ion:168 Resp: 73344

Ion Ratio Lower Upper

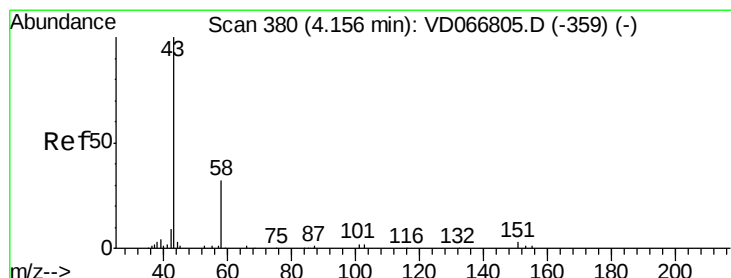
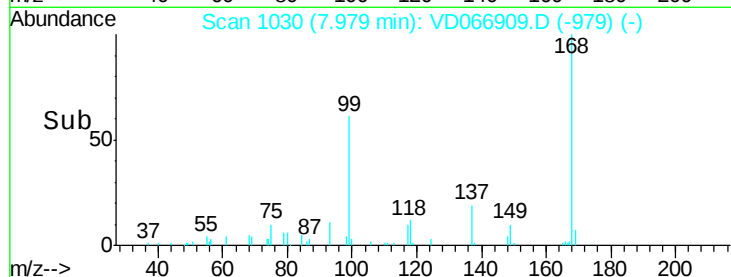
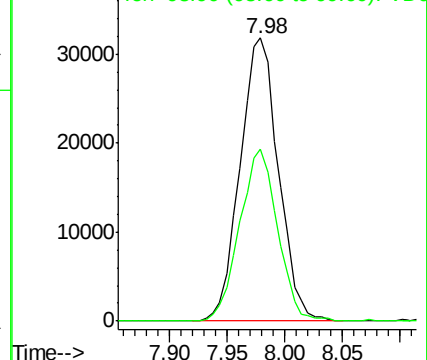
168 100

99 60.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 125.221 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066909.D

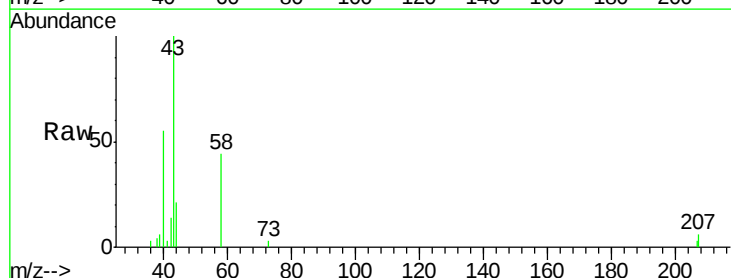
Acq: 28 Sep 2020 13:19

Tgt Ion: 43 Resp: 19069

Ion Ratio Lower Upper

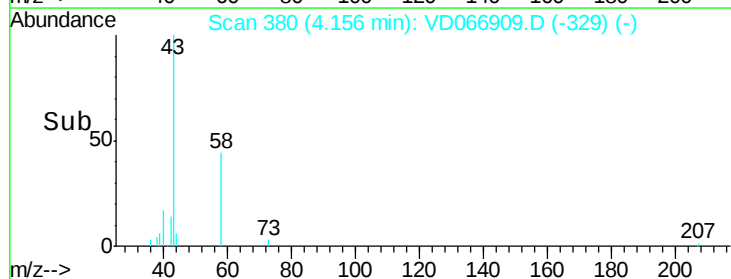
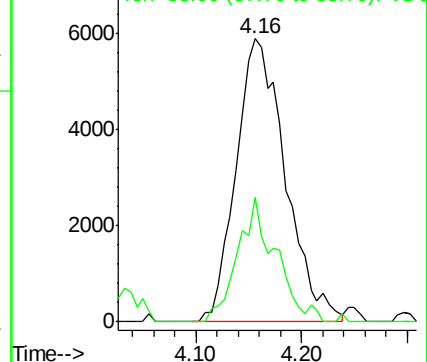
43 100

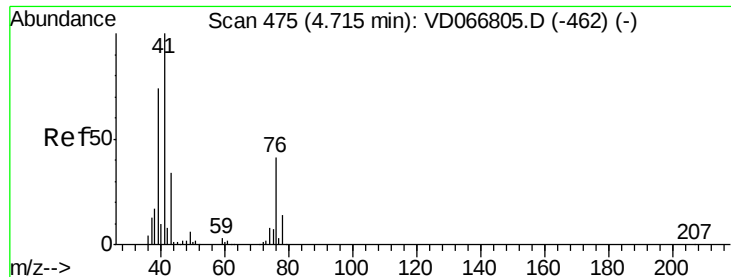
58 43.9 25.6 38.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#18

Methyl Acetate

Concen: 21.665 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066909.D

Acq: 28 Sep 2020 13:19

Instrument :

MSVOA_D

ClientSampleId :

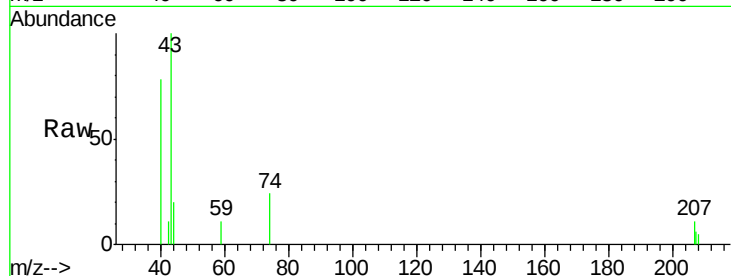
DRUM-COMP-1RE

Tot Ion: 43 Resp: 8060

Ion Ratio Lower Upper

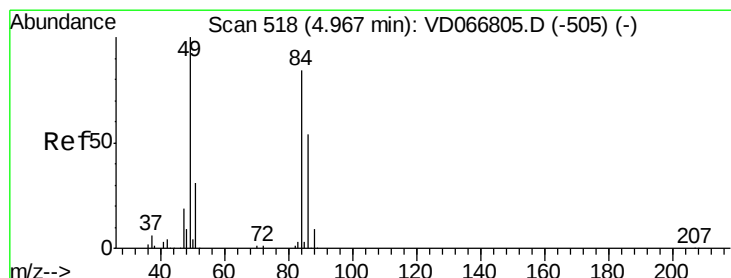
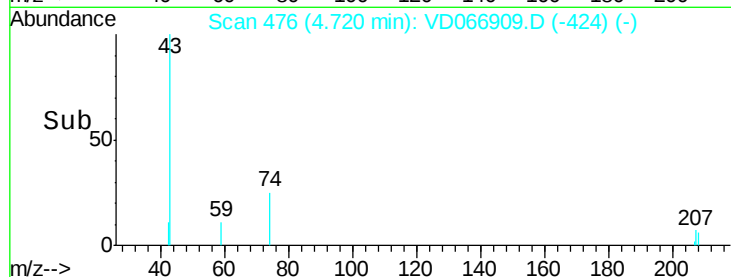
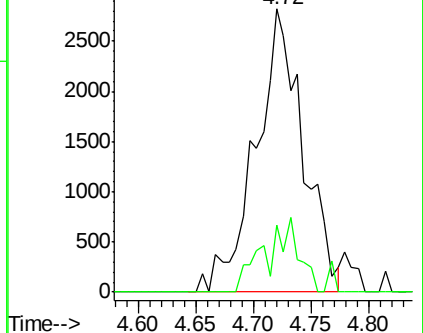
43 100

74 11.7 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



#20

Methylene Chloride

Concen: 8.163 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066909.D

Acq: 28 Sep 2020 13:19

Tgt Ion: 84 Resp: 10712

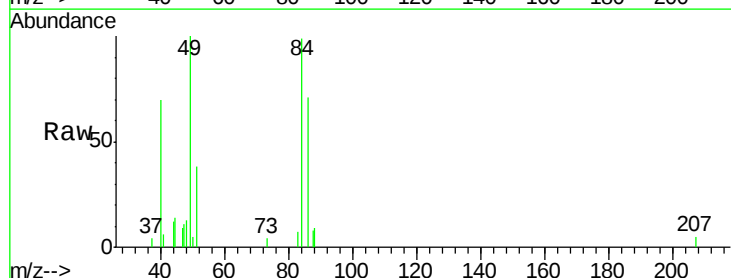
Ion Ratio Lower Upper

84 100

49 100.7 95.4 143.2

51 38.7 29.7 44.5

86 72.0 51.4 77.2

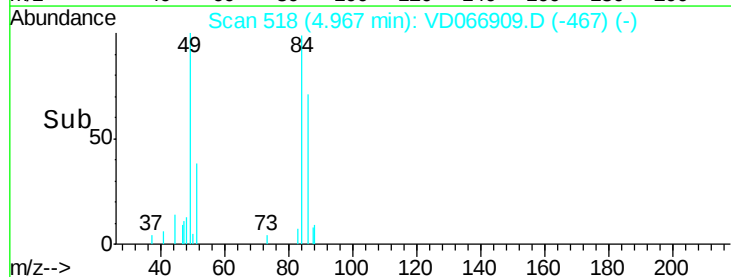
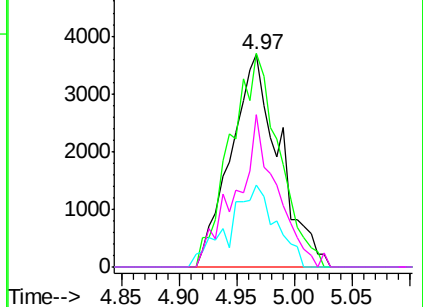


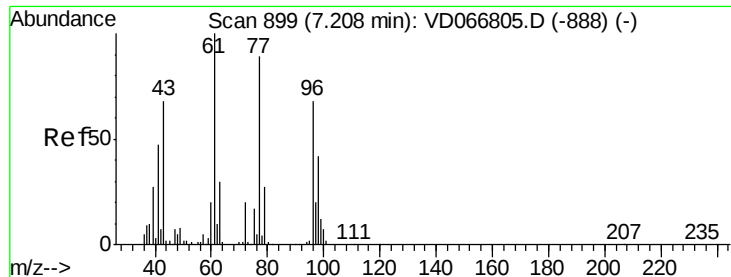
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

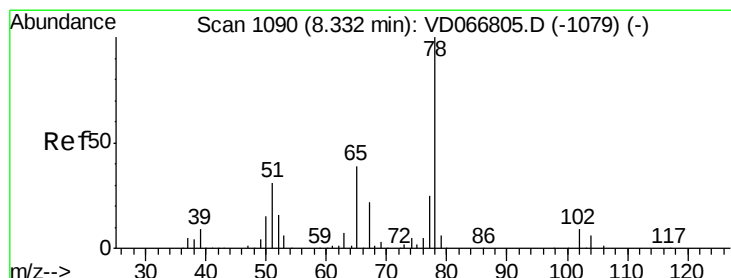
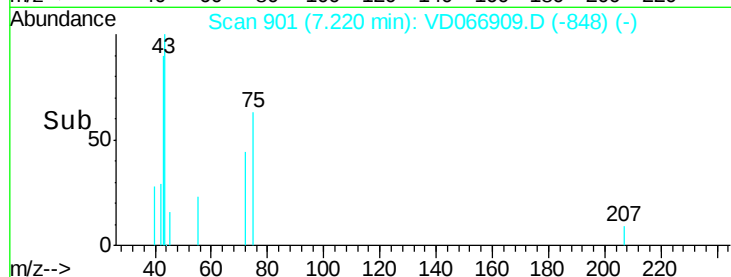
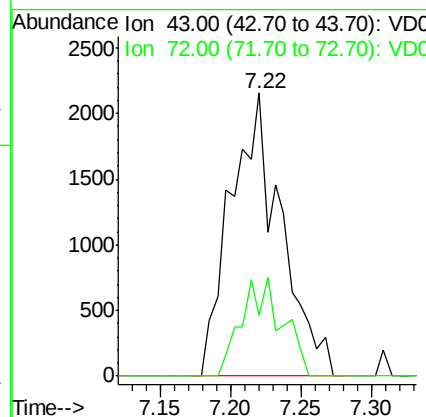
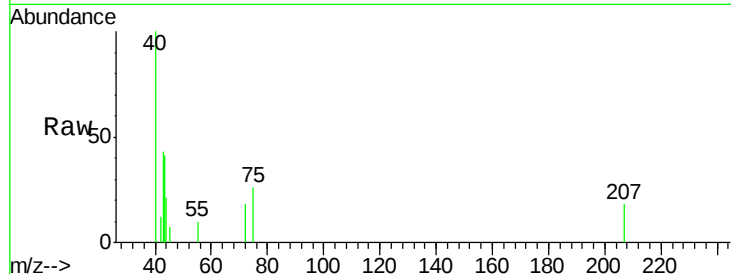




#25
2-Butanone
Concen: 29.393 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD066909.D
Acq: 28 Sep 2020 13:19

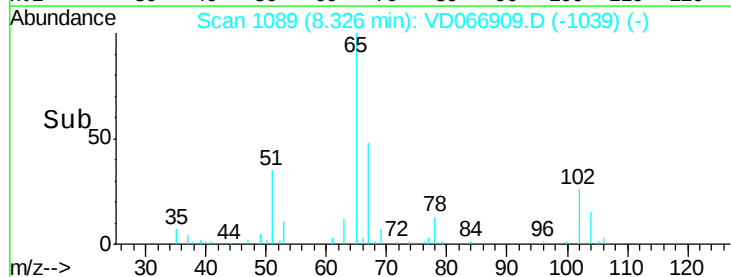
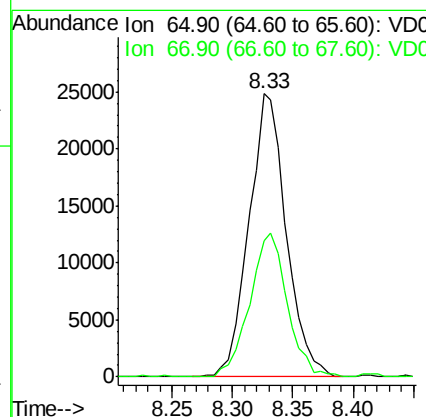
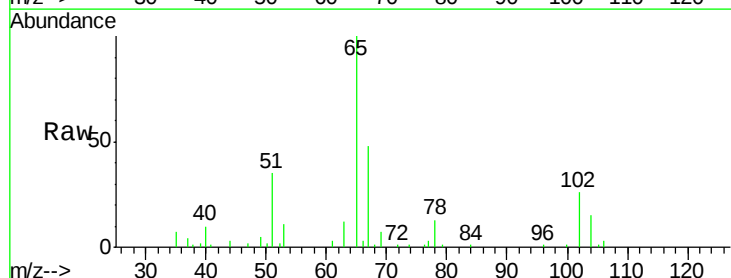
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1RE

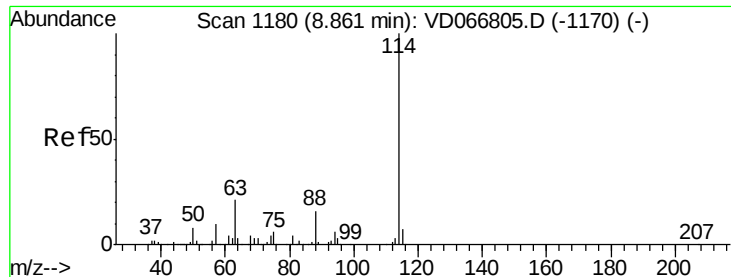
Tot Ion: 43 Resp: 5379
Ion Ratio Lower Upper
43 100
72 21.5 22.9 34.3#



#33
1,2-Dichloroethane-d4
Concen: 74.466 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066909.D
Acq: 28 Sep 2020 13:19

Tgt Ion: 65 Resp: 53456
Ion Ratio Lower Upper
65 100
67 50.9 0.0 107.2

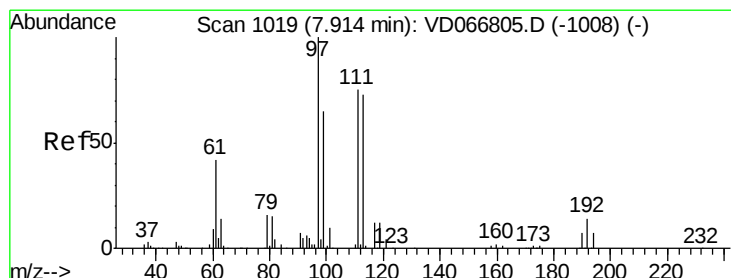
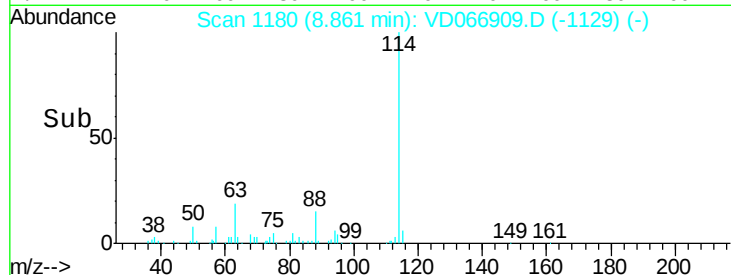
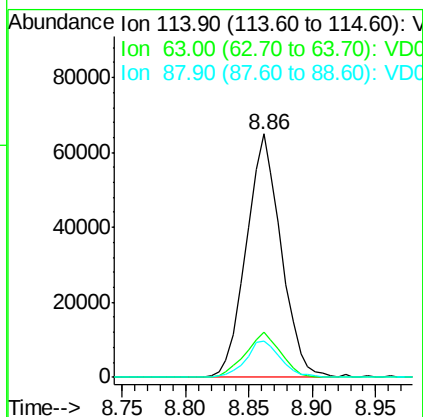
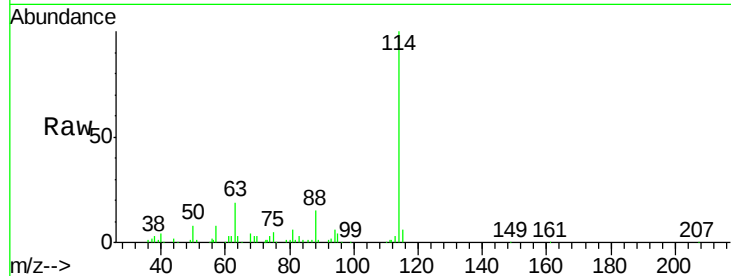




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066909.D
 Acq: 28 Sep 2020 13:19

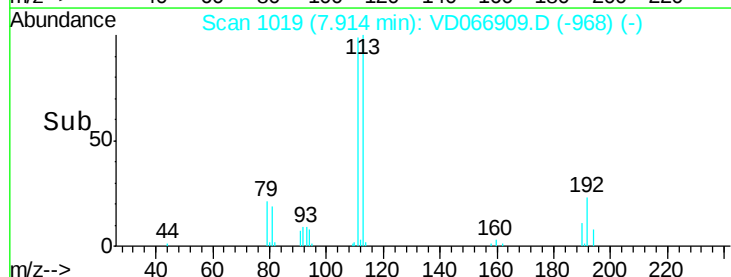
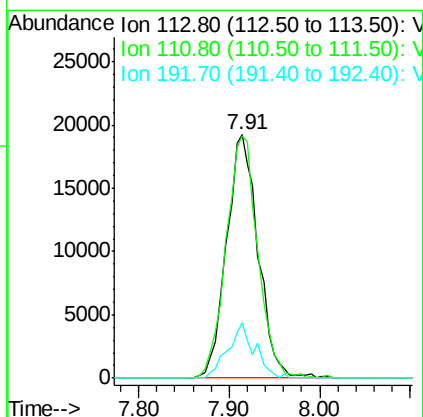
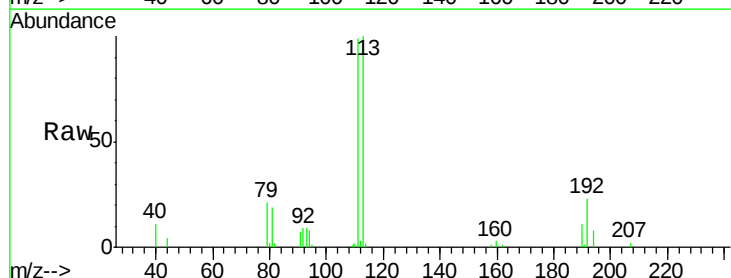
Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-COMP-1RE

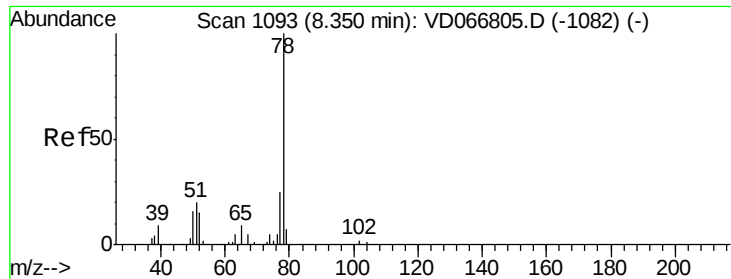
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	42.6
88	14.7	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 58.789 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066909.D
 Acq: 28 Sep 2020 13:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.9	81.8	122.8
192	19.3	14.4	21.6





#40

Benzene

Concen: 5.907 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VD066909.D

Acq: 28 Sep 2020 13:19

Instrument :

MSVOA_D

ClientSampleId :

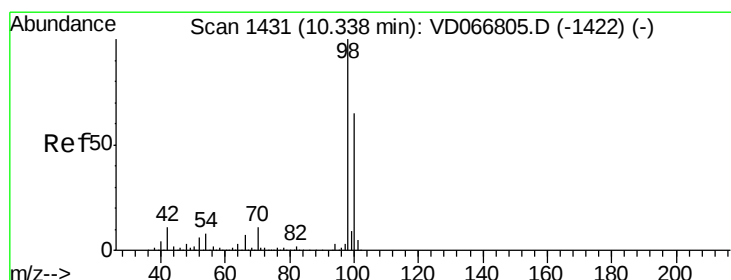
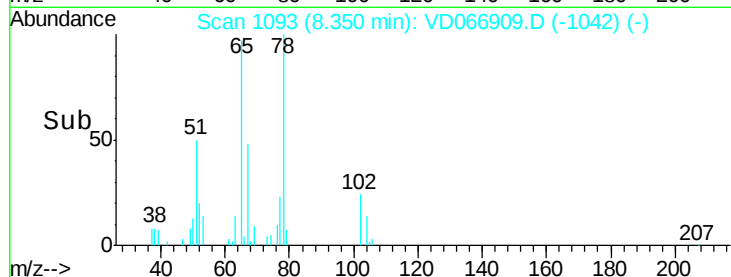
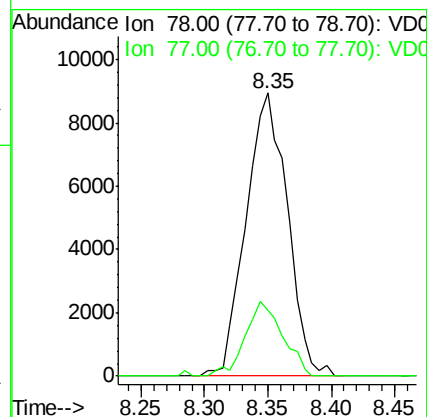
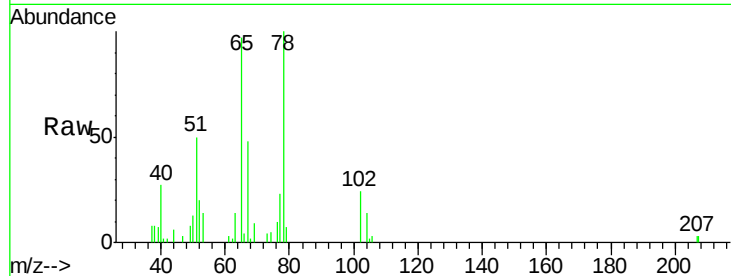
DRUM-COMP-1RE

Tot Ion: 78 Resp: 20280

Ion Ratio Lower Upper

78 100

77 23.4 19.9 29.9



#50

Toluene-d8

Concen: 55.677 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066909.D

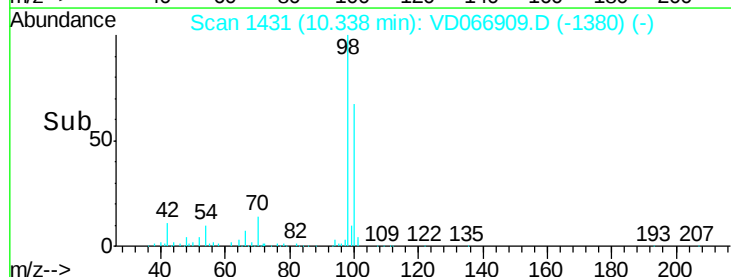
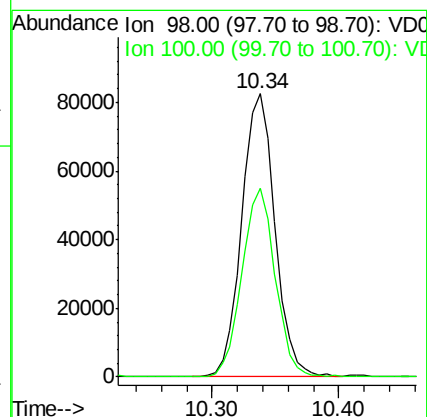
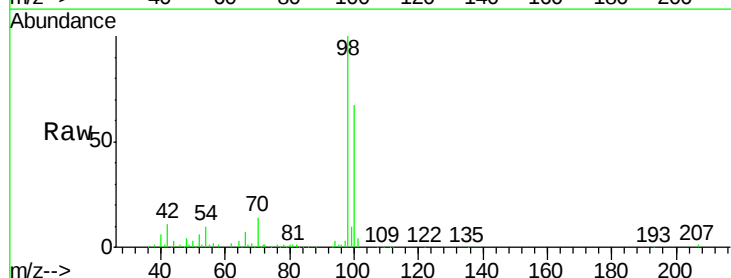
Acq: 28 Sep 2020 13:19

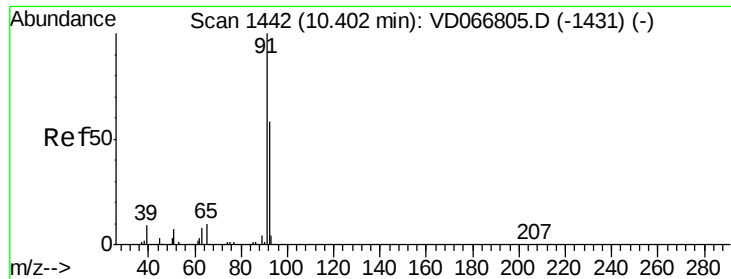
Tgt Ion: 98 Resp: 149868

Ion Ratio Lower Upper

98 100

100 67.0 52.2 78.2





#52

Toluene

Concen: 10.060 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066909.D

Acq: 28 Sep 2020 13:19

Instrument :

MSVOA_D

ClientSampleId :

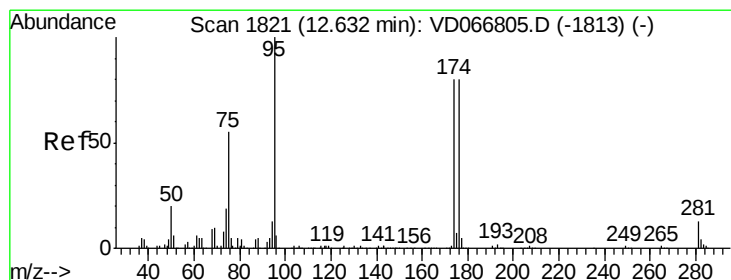
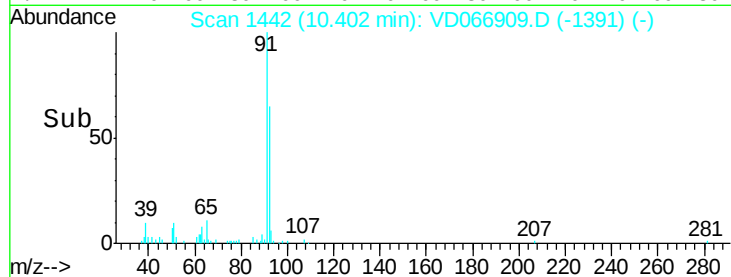
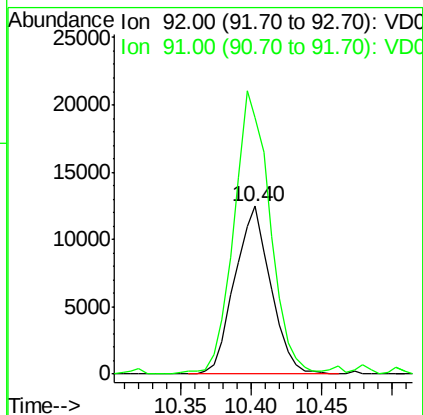
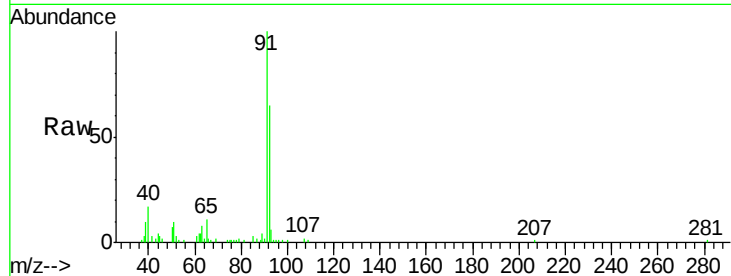
DRUM-COMP-1RE

Tot Ion: 92 Resp: 22249

Ion Ratio Lower Upper

92 100

91 169.1 134.6 202.0



#62

4-Bromofluorobenzene

Concen: 75.411 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066909.D

Acq: 28 Sep 2020 13:19

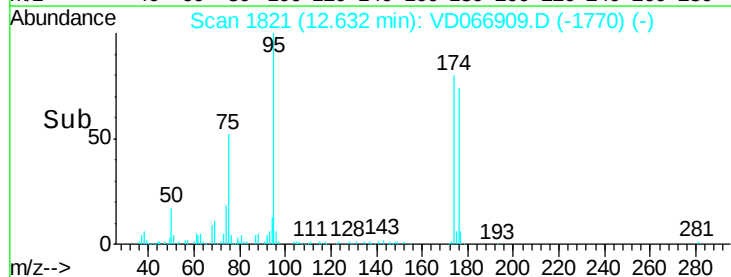
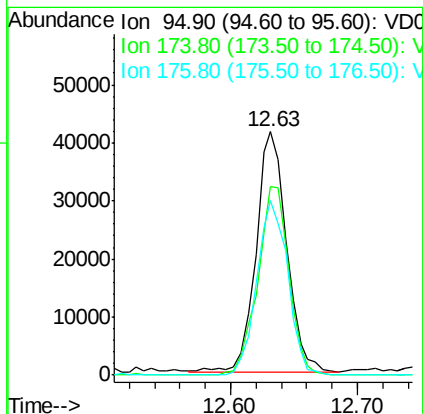
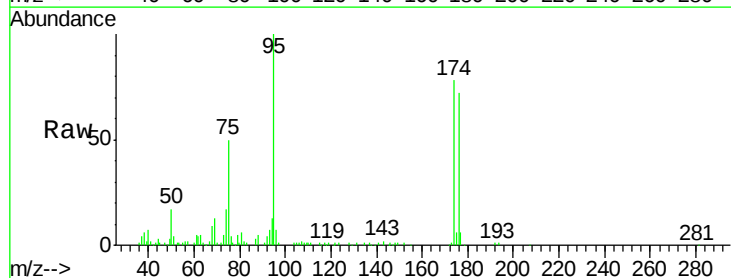
Tgt Ion: 95 Resp: 69490

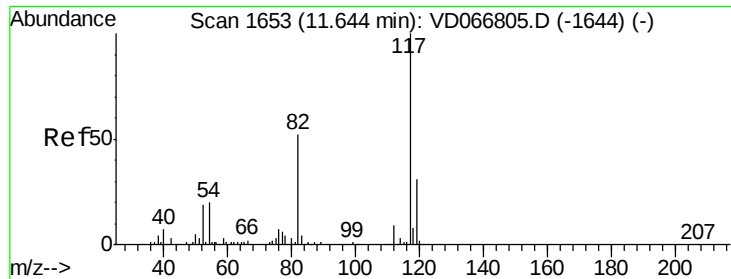
Ion Ratio Lower Upper

95 100

174 80.1 0.0 159.8

176 73.7 0.0 154.4

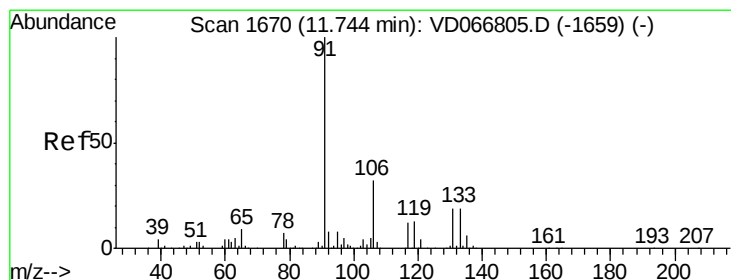
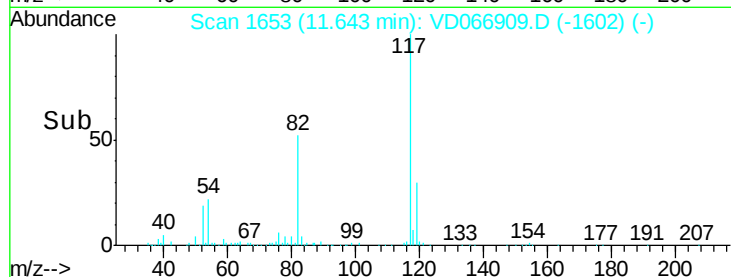
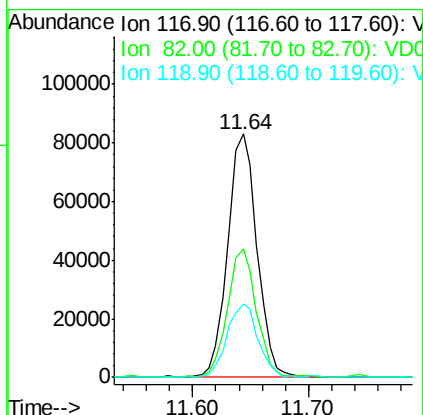
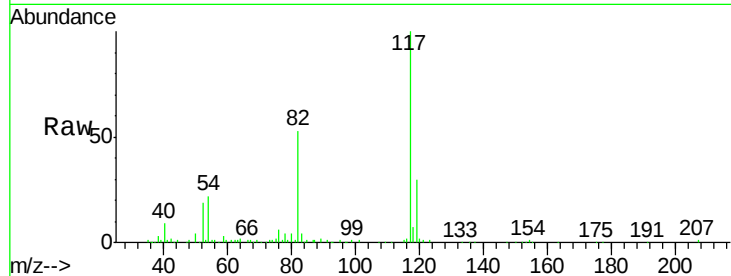




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066909.D
Acq: 28 Sep 2020 13:19

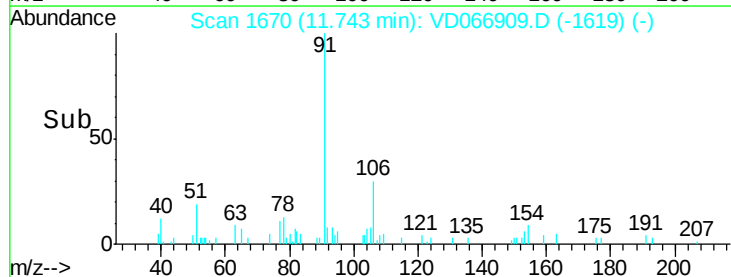
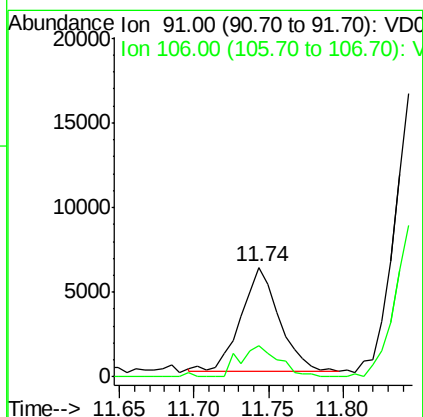
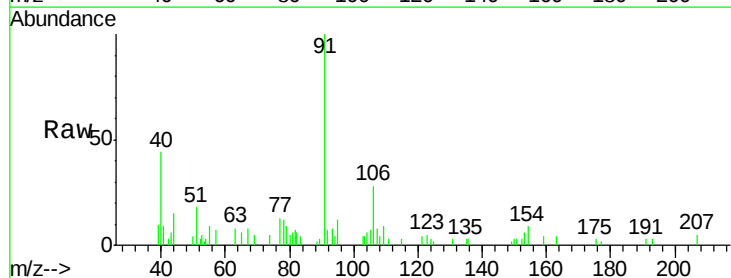
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DRUM-COMP-1RE

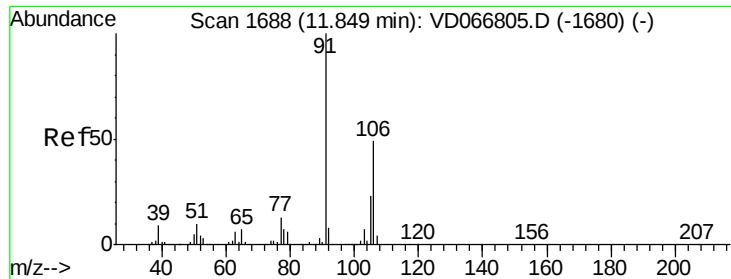
Tot Ion:117 Resp: 146253
Ion Ratio Lower Upper
117 100
82 52.5 41.8 62.6
119 30.1 24.6 37.0



#67
Ethyl Benzene
Concen: 2.015 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066909.D
Acq: 28 Sep 2020 13:19

Tgt Ion: 91 Resp: 10776
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

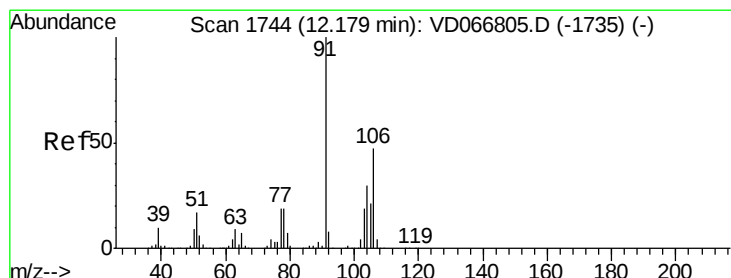
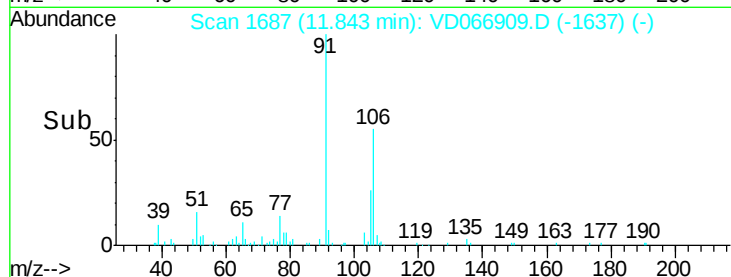
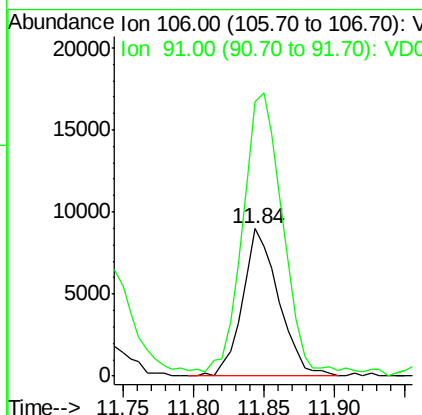
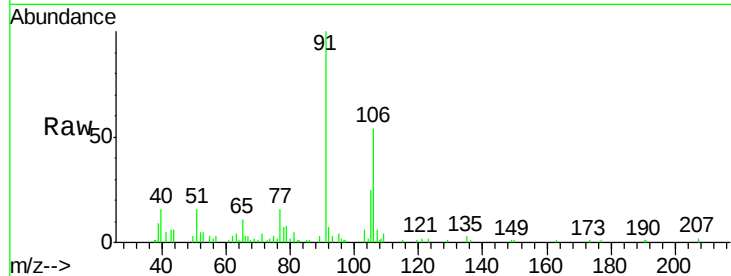




#68
m/p-Xylenes
Concen: 7.956 ug/l
RT: 11.84 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VD066909.D
Acq: 28 Sep 2020 13:19

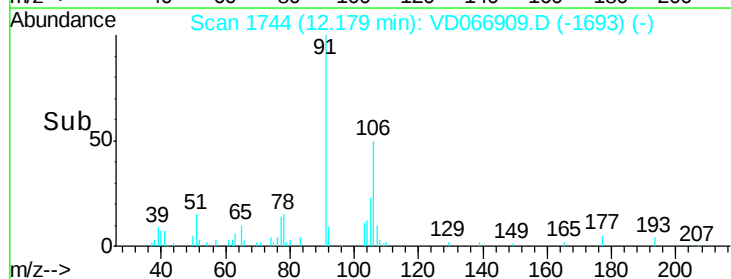
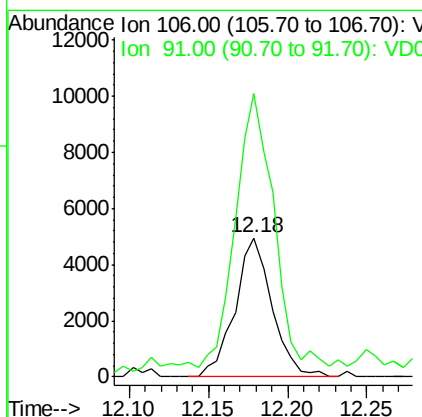
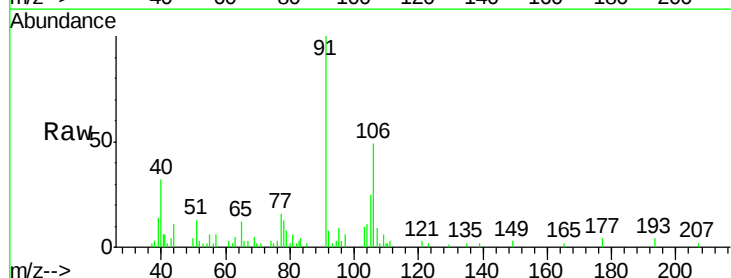
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1RE

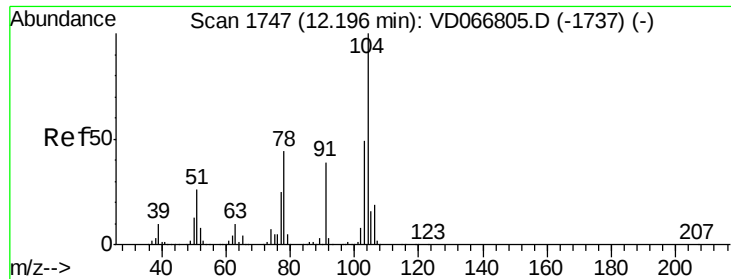
Tot Ion:106 Resp: 16105
Ion Ratio Lower Upper
106 100
91 206.1 160.7 241.1



#69
o-Xylene
Concen: 4.408 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066909.D
Acq: 28 Sep 2020 13:19

Tgt Ion:106 Resp: 8068
Ion Ratio Lower Upper
106 100
91 204.1 106.3 318.8

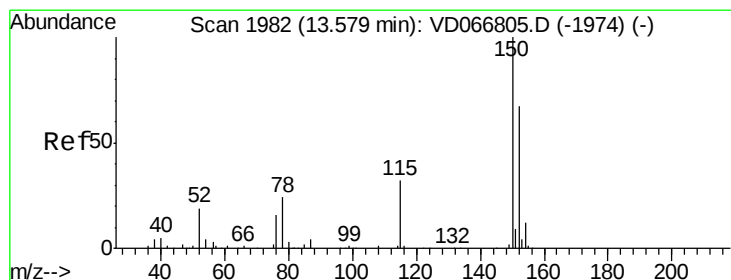
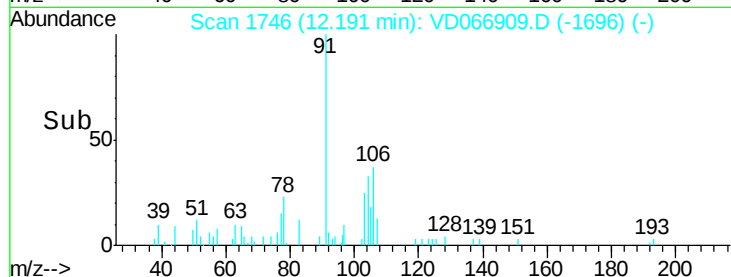
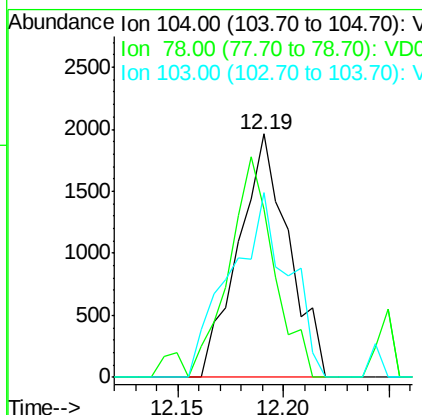
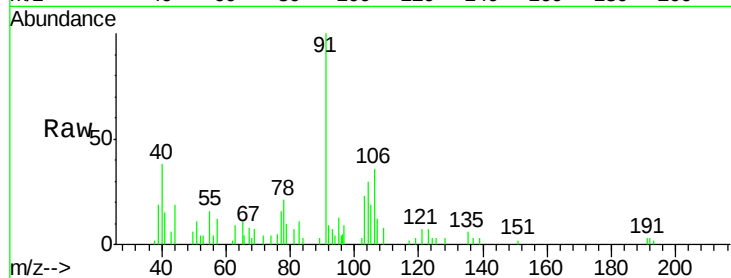




#70
Stvrene
Concen: 1.017 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066909.D
Acq: 28 Sep 2020 13:19

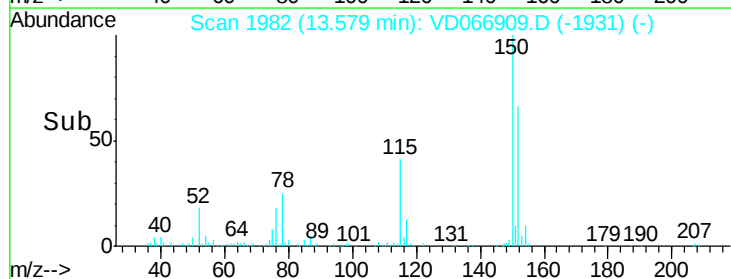
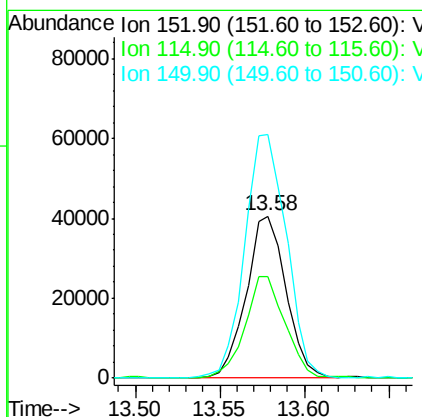
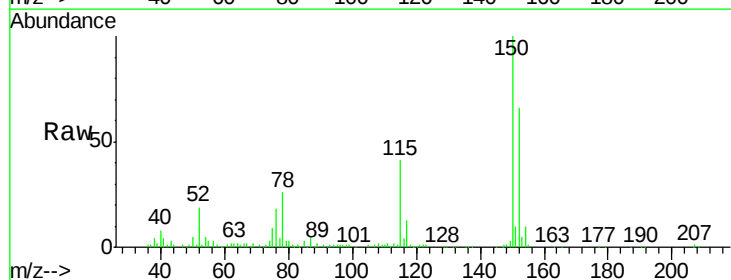
Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1RE

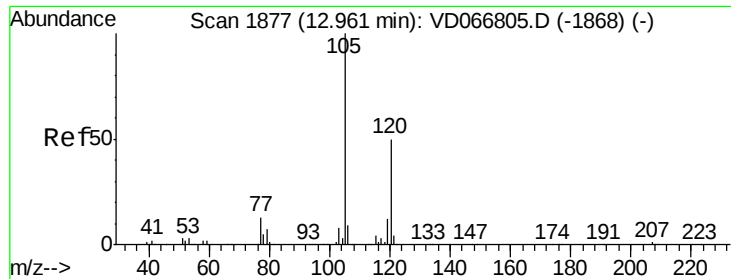
Tot Ion:104 Resp: 3232
Ion Ratio Lower Upper
104 100
78 84.8 38.9 58.3#
103 87.8 43.2 64.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066909.D
Acq: 28 Sep 2020 13:19

Tgt Ion:152 Resp: 66610
Ion Ratio Lower Upper
152 100
115 63.8 30.3 91.0
150 157.5 0.0 346.2





#80

1,3,5-Trimethylbenzene

Concen: 1.036 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066909.D

Acq: 28 Sep 2020 13:19

Instrument :

MSVOA_D

ClientSampleId :

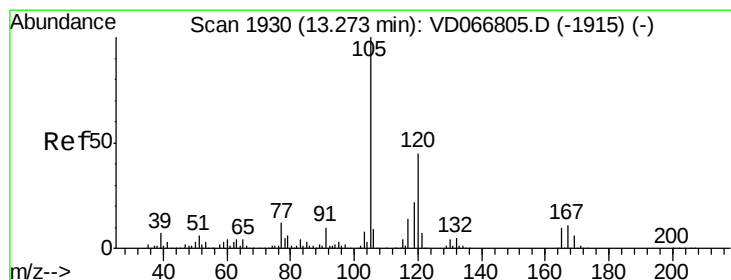
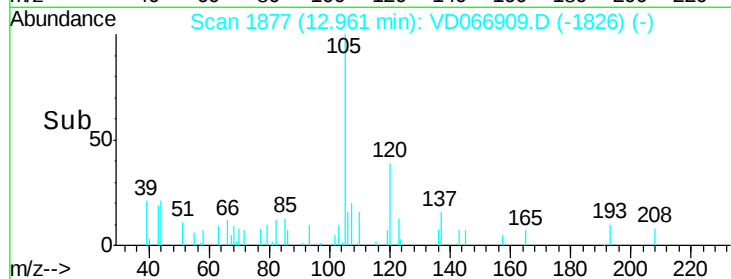
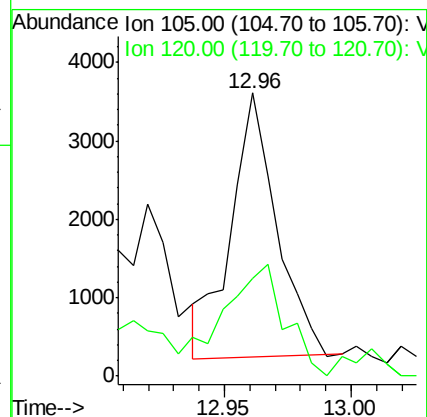
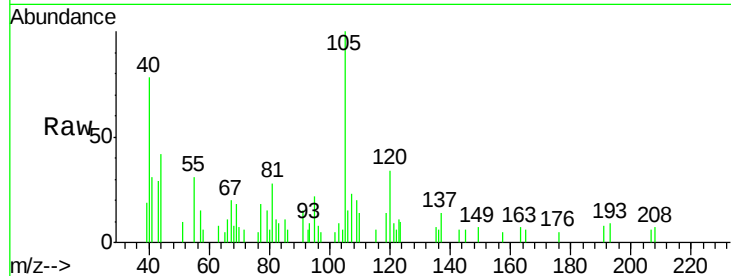
DRUM-COMP-1RE

Tot Ion:105 Resp: 4230

Ion Ratio Lower Upper

105 100

120 57.3 24.4 73.4



#84

1,2,4-Trimethylbenzene

Concen: 3.729 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066909.D

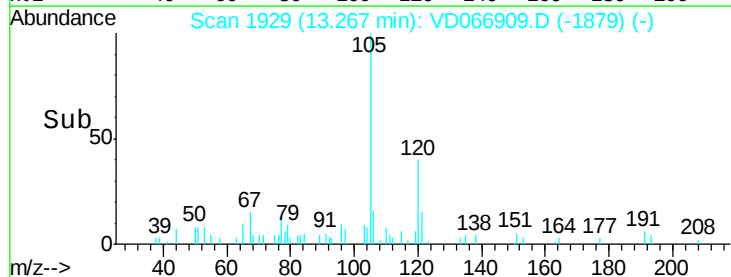
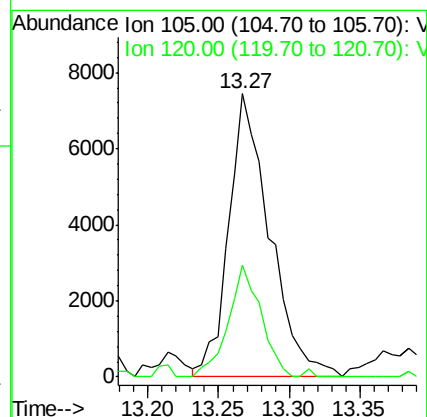
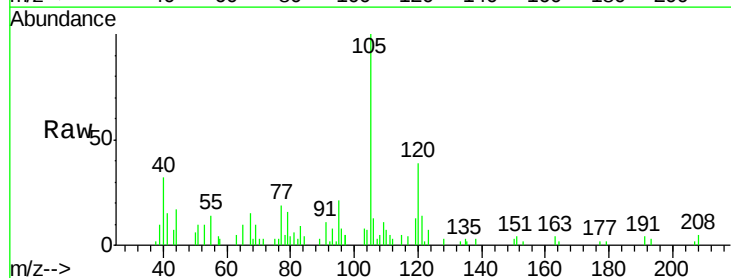
Acq: 28 Sep 2020 13:19

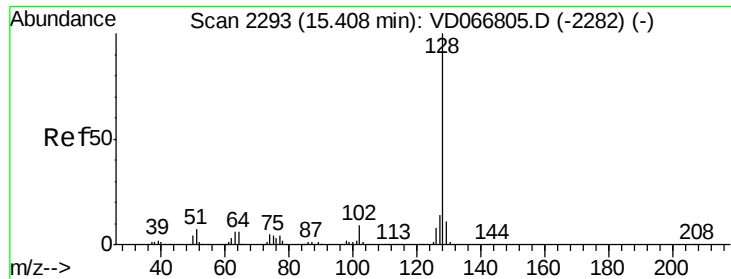
Tgt Ion:105 Resp: 15096

Ion Ratio Lower Upper

105 100

120 31.4 22.3 66.9





#95
Naphthalene
Concen: 37.211 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066909.D
Acq: 28 Sep 2020 13:19

Instrument :
MSVOA_D
ClientSampleId :
DRUM-COMP-1RE

Tot Ion:128 Resp: 75650
Ion Ratio Lower Upper
128 100
127 14.5 10.6 16.0
129 17.2 8.9 13.3#

