

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090420\
 Data File : VD066560.D
 Acq On : 04 Sep 2020 13:55
 Operator : VA/SY
 Sample : L3923-01
 Misc : 5.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB181-GW-858-860

Quant Time: Sep 05 07:53:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	228137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	410081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	380313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	150985	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	178217	64.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	129.14%	
35) Dibromofluoromethane	7.91	113	144105	52.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.18%	
50) Toluene-d8	10.33	98	504068	50.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.63	95	166444	50.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.54%	

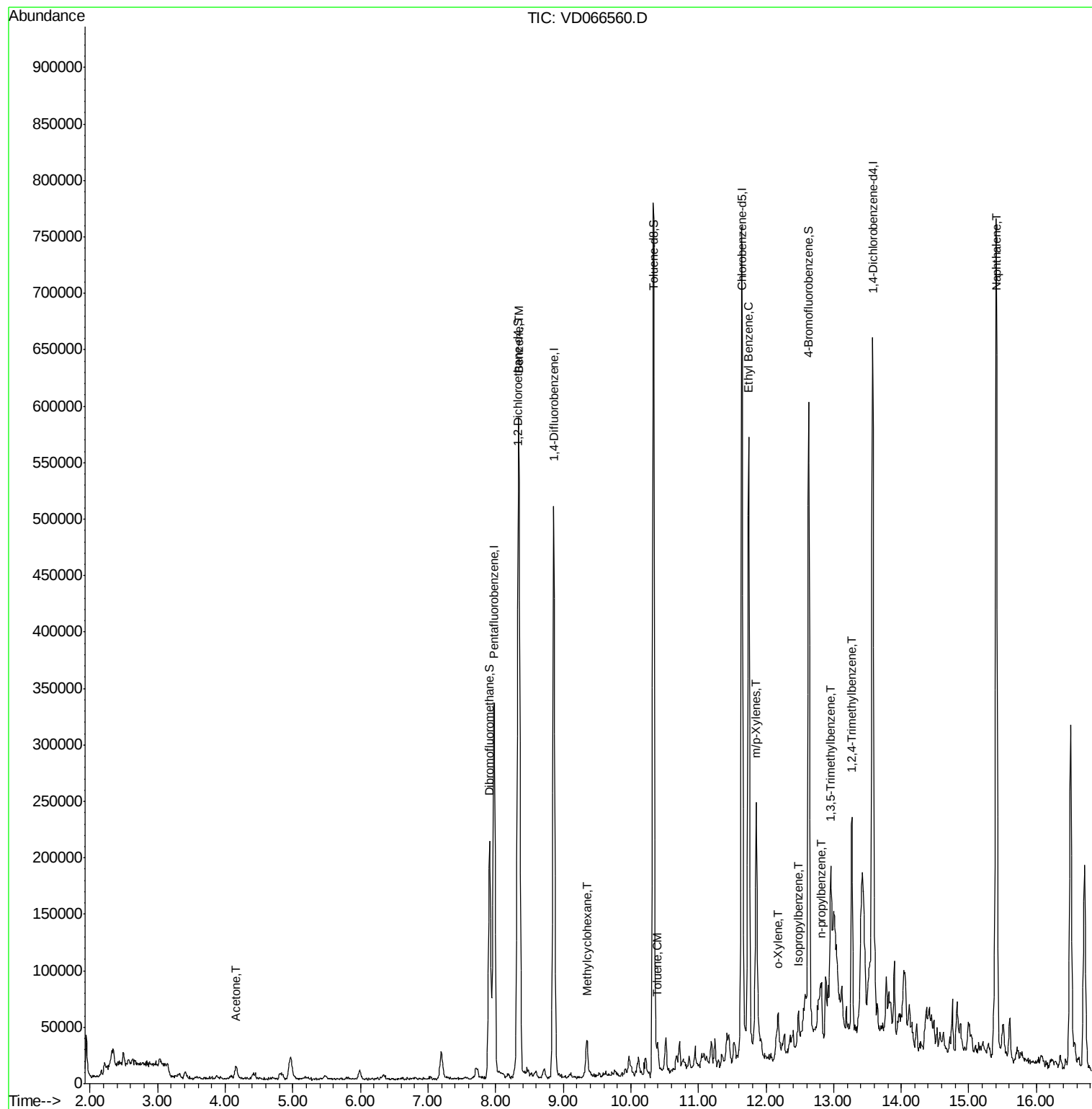
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	21557	42.445	ug/l #	81
39) Methylcyclohexane	9.34	83	12190	2.558	ug/l	91
40) Benzene	8.34	78	468797	40.108	ug/l	97
52) Toluene	10.40	92	8375	1.132	ug/l	96
67) Ethyl Benzene	11.74	91	363943	25.251	ug/l	97
68) m/p-Xylenes	11.86	106	54066	10.103	ug/l	89
69) o-Xylene	12.17	106	8075	1.684	ug/l	100
73) Isopropylbenzene	12.48	105	15152	1.355	ug/l	88
78) n-propylbenzene	12.82	91	24038	1.774	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	37169	3.950	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	106909	11.413	ug/l	100
95) Naphthalene	15.41	128	648348	142.954	ug/l	99

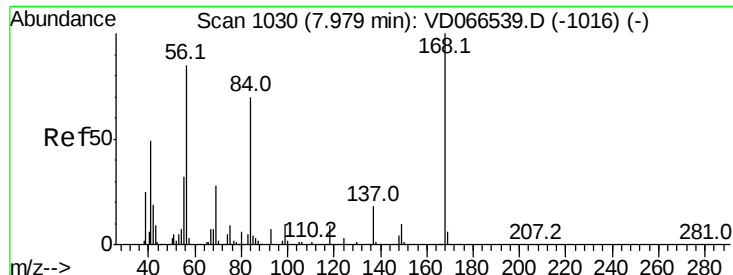
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090420\
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Quant Title : SW846 8260
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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: VD066560.D

Acq: 04 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

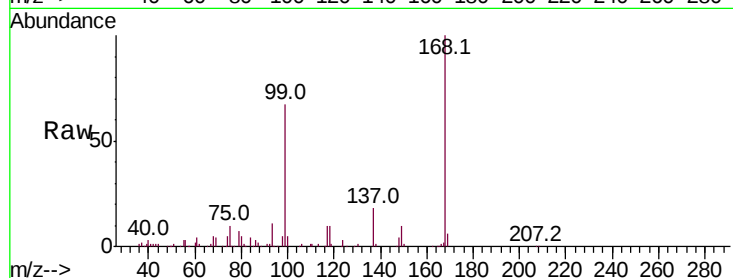
BP-VPB181-GW-858-860

Tot Ion:168 Resp: 228137

Ion Ratio Lower Upper

168 100

99 66.9 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

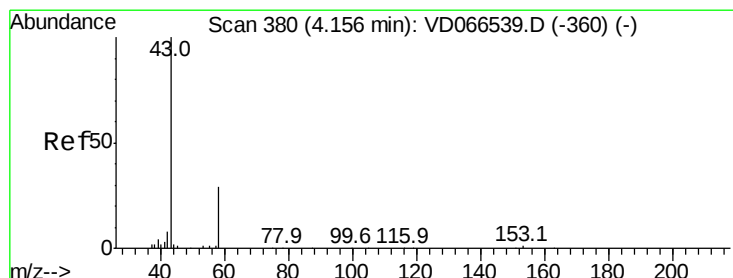
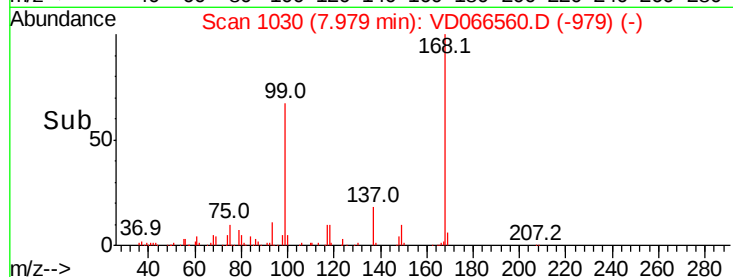
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 42.445 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066560.D

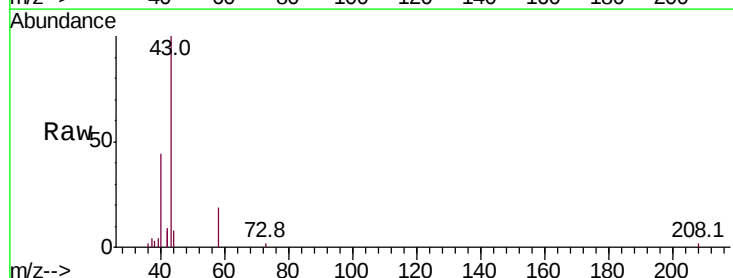
Acq: 04 Sep 2020 13:55

Tgt Ion: 43 Resp: 21557

Ion Ratio Lower Upper

43 100

58 18.7 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.15

8000

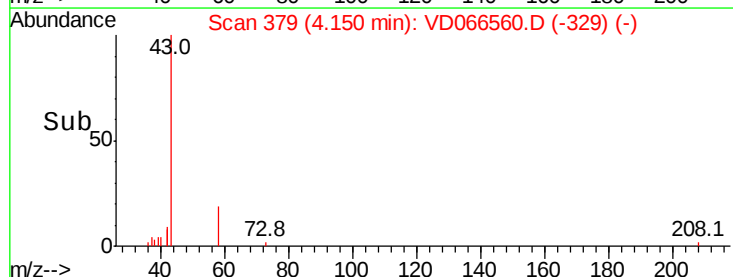
6000

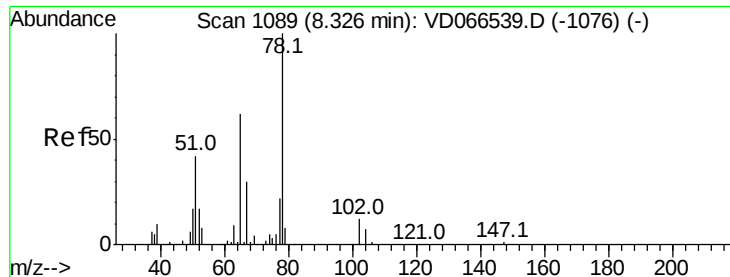
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 64.566 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066560.D

Acq: 04 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

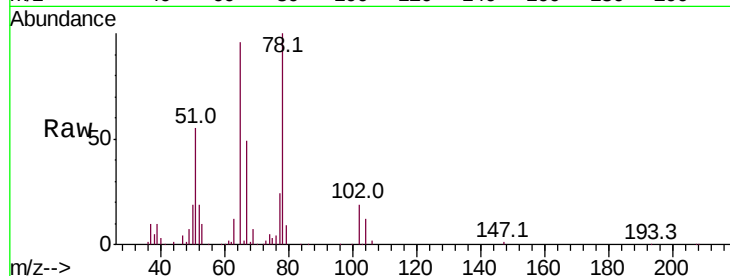
BP-VPB181-GW-858-860

Tot Ion: 65 Resp: 178217

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

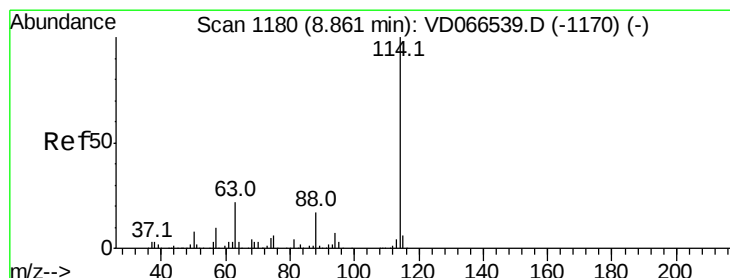
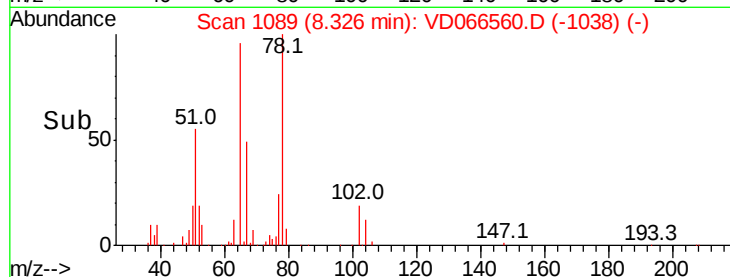
60000

40000

20000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066560.D

Acq: 04 Sep 2020 13:55

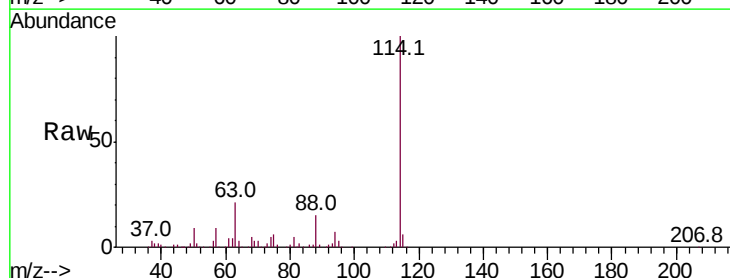
Tgt Ion: 114 Resp: 410081

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

88 15.2 0.0 33.2



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

8.86

250000

200000

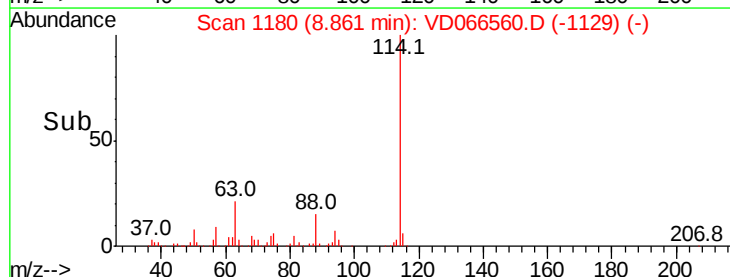
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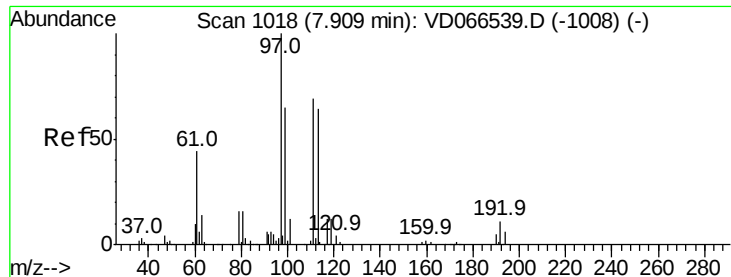
100000

50000

0

Time--> 8.75 8.80 8.85 8.90 8.95

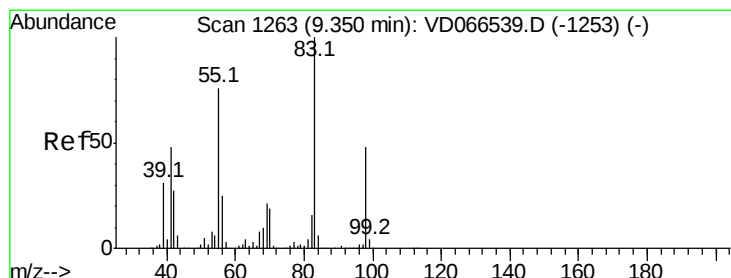
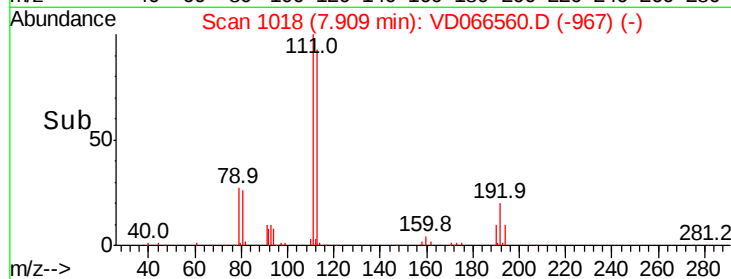
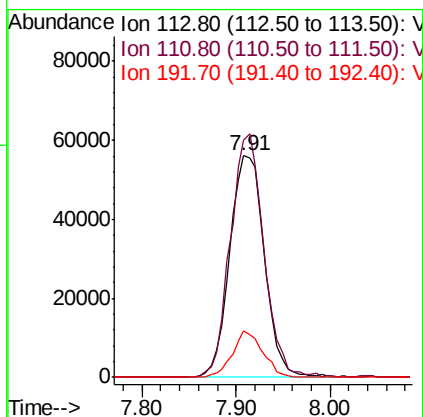
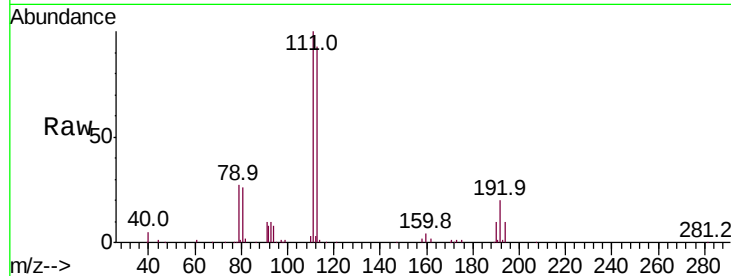




#35
 Dibromofluoromethane
 Concen: 52.090 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066560.D
 Acq: 04 Sep 2020 13:55

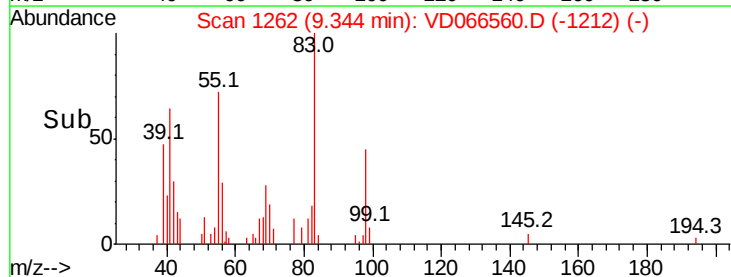
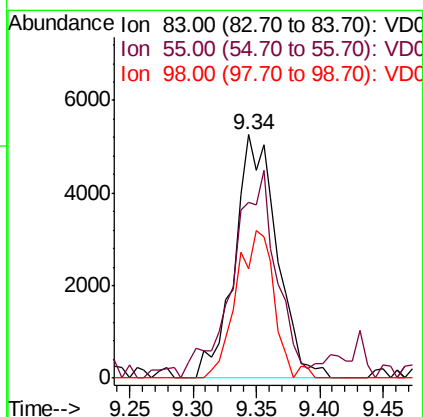
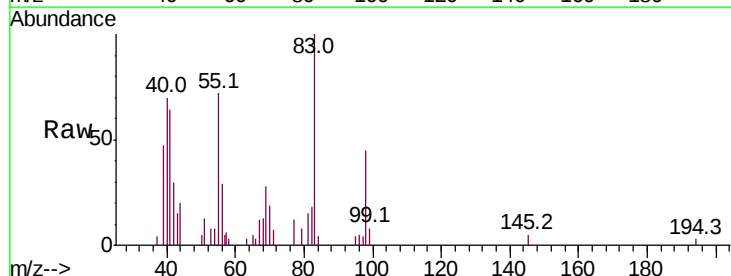
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB181-GW-858-860

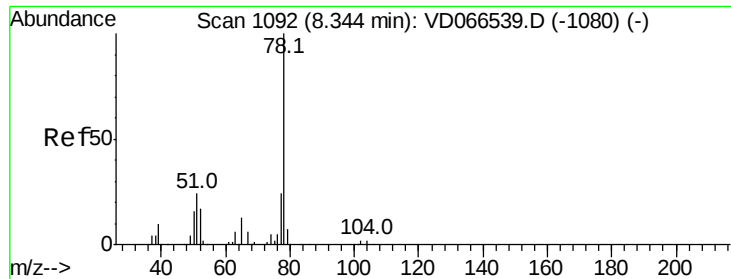
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.8	83.2	124.8
192	18.2	13.7	20.5



#39
 Methylcyclohexane
 Concen: 2.558 ug/l
 RT: 9.34 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: VD066560.D
 Acq: 04 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
83	100		
55	65.6	60.8	91.2
98	44.9	38.6	58.0





#40

Benzene

Concen: 40.108 ug/l

RT: 8.34 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VD066560.D

Acq: 04 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

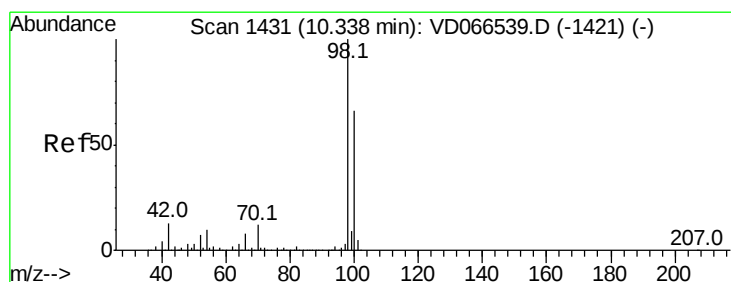
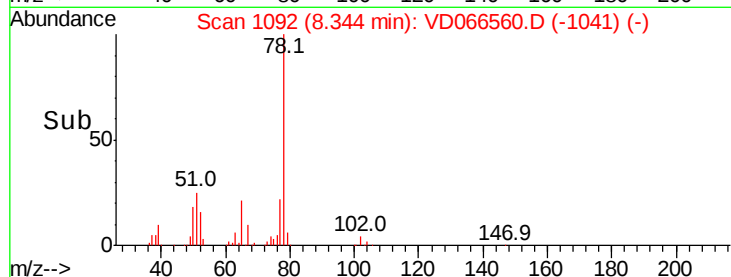
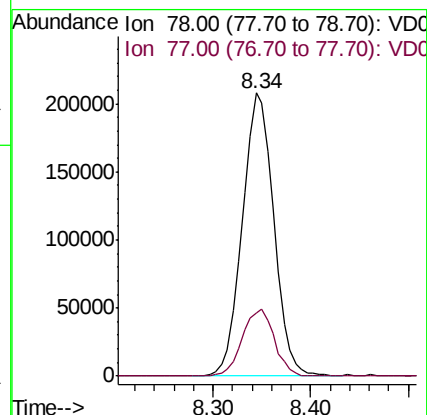
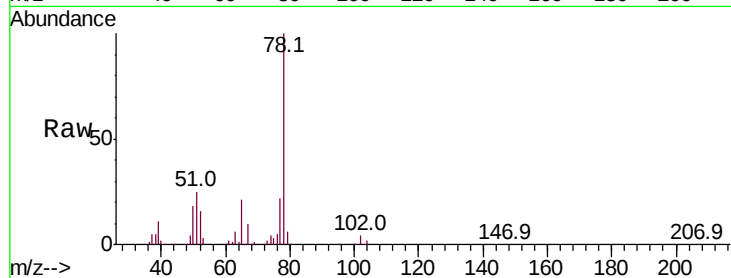
BP-VPB181-GW-858-860

Tot Ion: 78 Resp: 468797

Ion Ratio Lower Upper

78 100

77 22.4 19.1 28.7



#50

Toluene-d8

Concen: 50.979 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VD066560.D

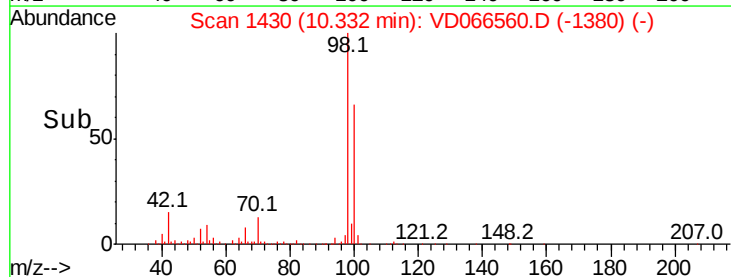
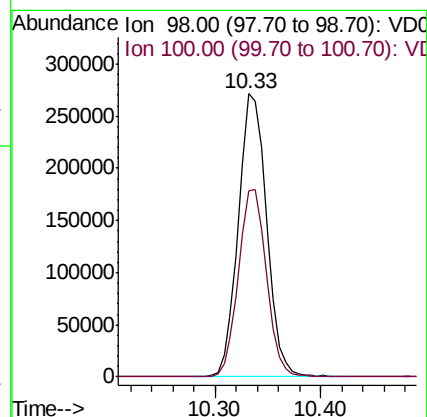
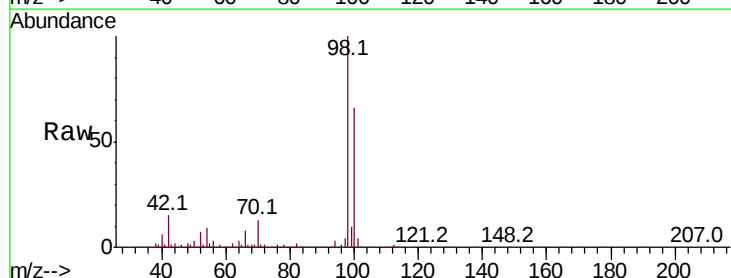
Acq: 04 Sep 2020 13:55

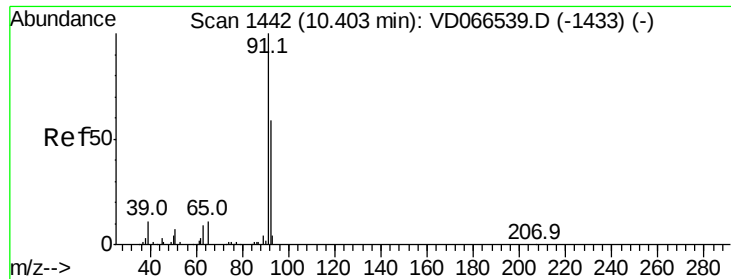
Tgt Ion: 98 Resp: 504068

Ion Ratio Lower Upper

98 100

100 65.3 52.9 79.3





#52

Toluene

Concen: 1.132 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066560.D

Acq: 04 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

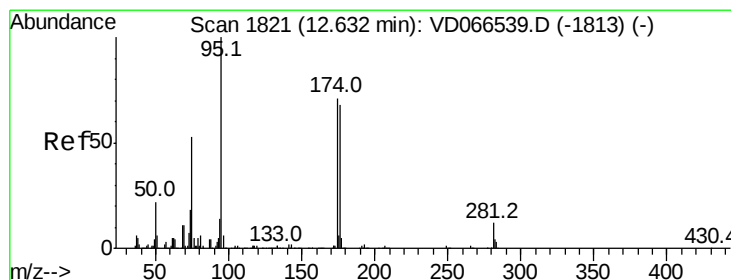
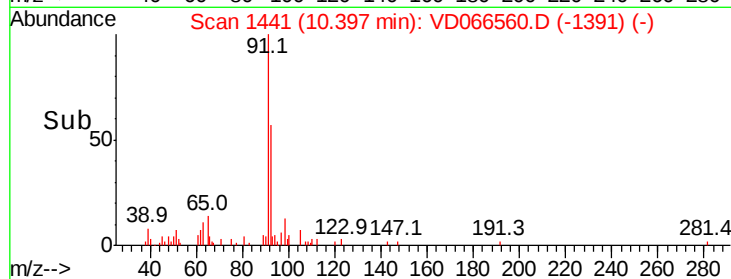
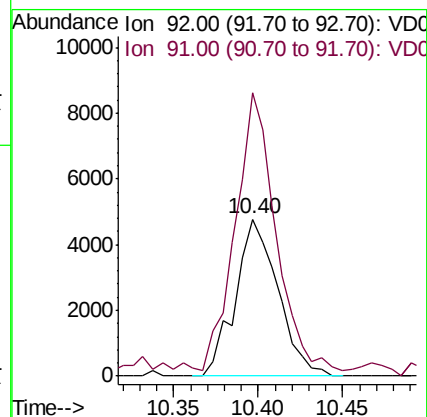
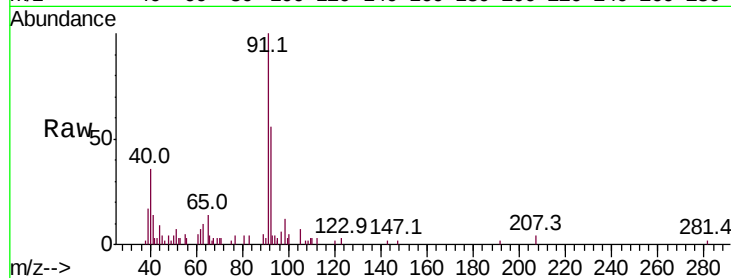
BP-VPB181-GW-858-860

Tot Ion: 92 Resp: 8375

Ion Ratio Lower Upper

92 100

91 177.4 137.4 206.2



#62

4-Bromofluorobenzene

Concen: 50.766 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066560.D

Acq: 04 Sep 2020 13:55

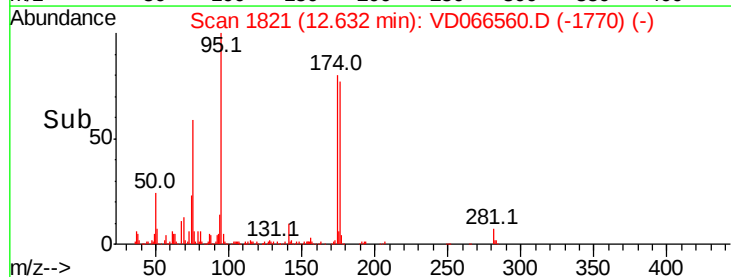
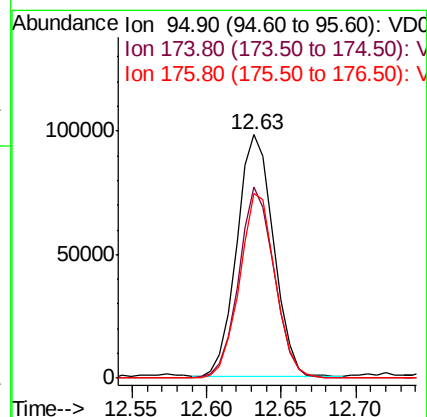
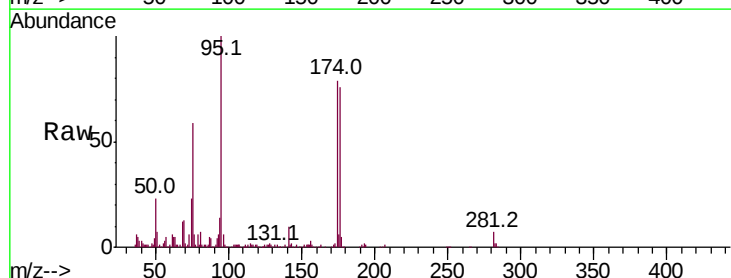
Tgt Ion: 95 Resp: 166444

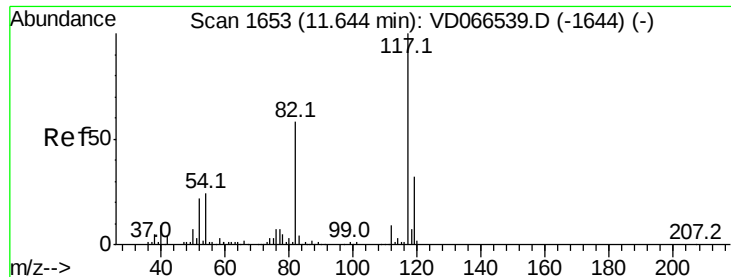
Ion Ratio Lower Upper

95 100

174 76.5 0.0 155.8

176 74.4 0.0 148.6

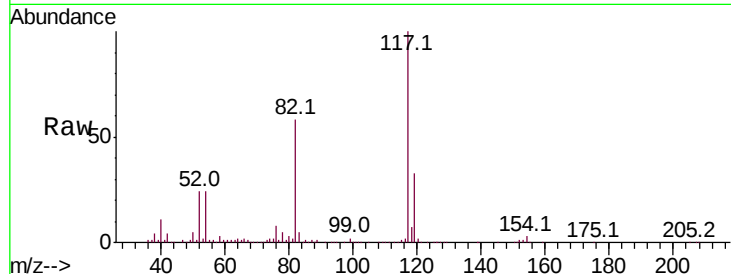




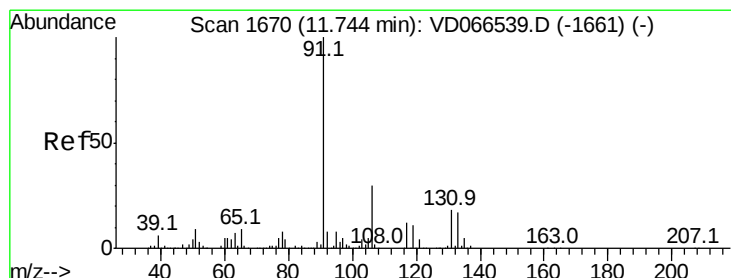
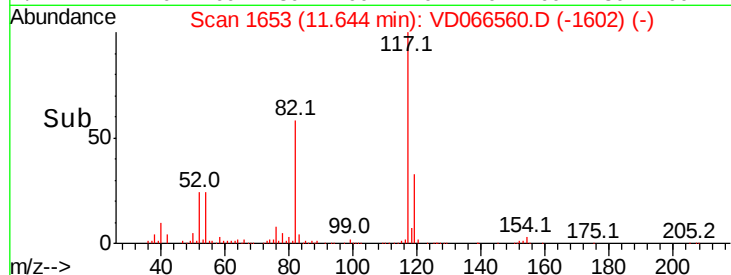
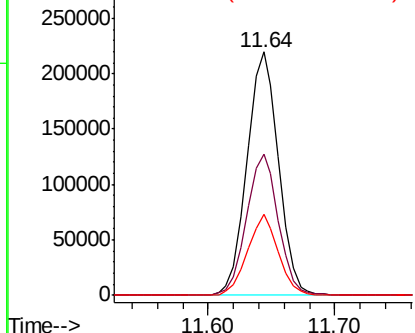
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066560.D
Acq: 04 Sep 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-858-860

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.2	69.2
119	33.4	25.8	38.8

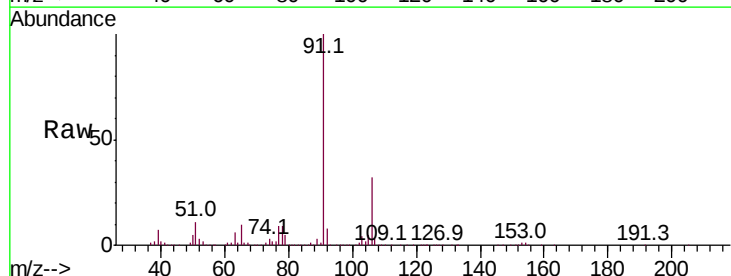


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VDC
Ion 118.90 (118.60 to 119.60): V

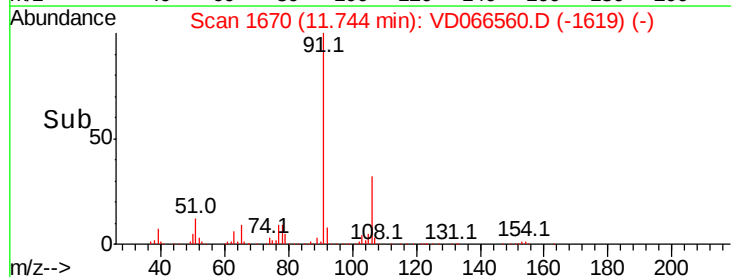
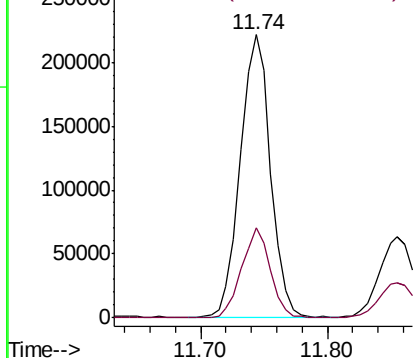


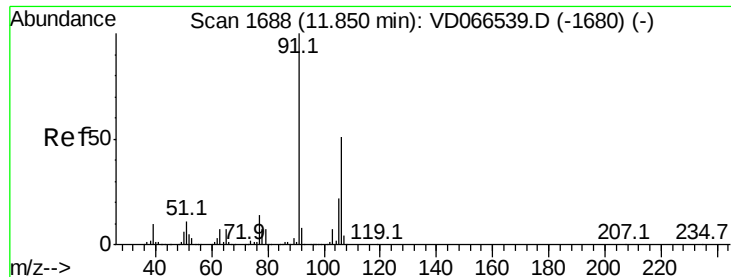
#67
Ethyl Benzene
Concen: 25.251 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066560.D
Acq: 04 Sep 2020 13:55

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.0	24.3	36.5



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.00 (105.70 to 106.70): V

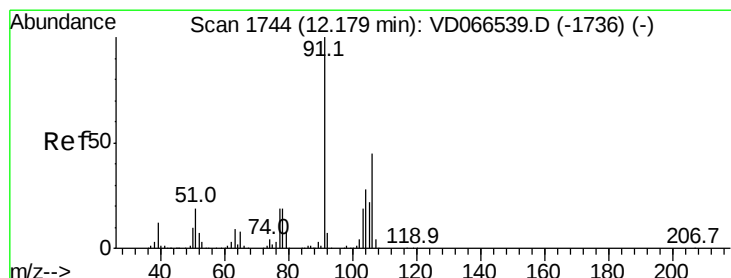
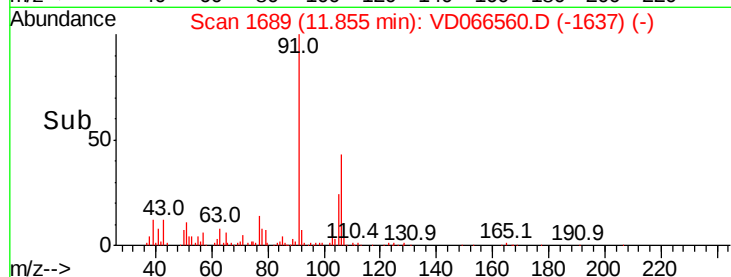
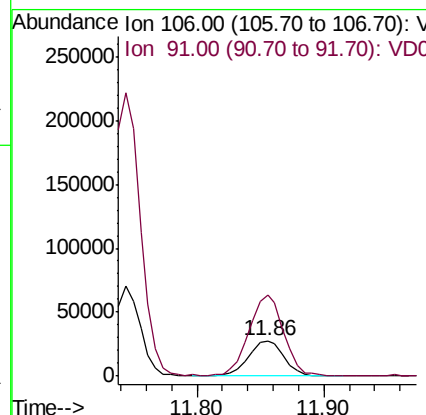
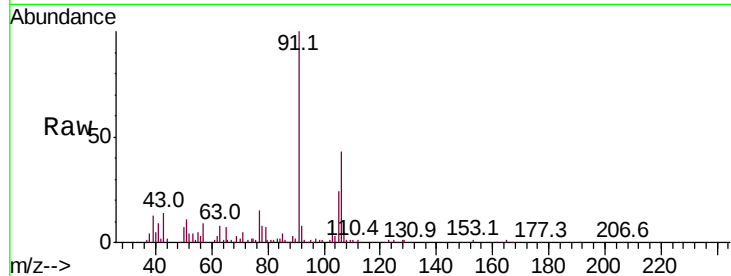




#68
m/p-Xylenes
Concen: 10.103 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066560.D
Acq: 04 Sep 2020 13:55

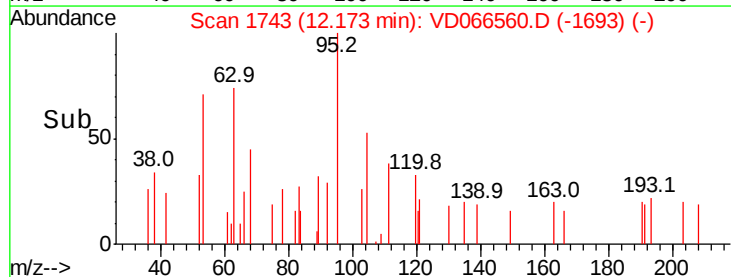
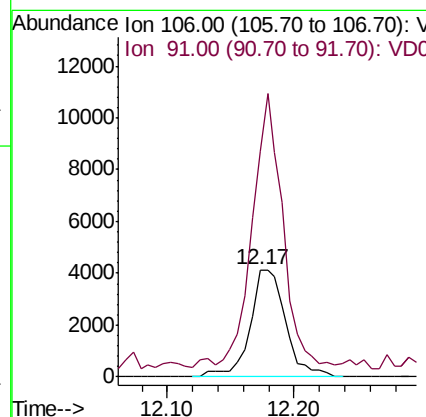
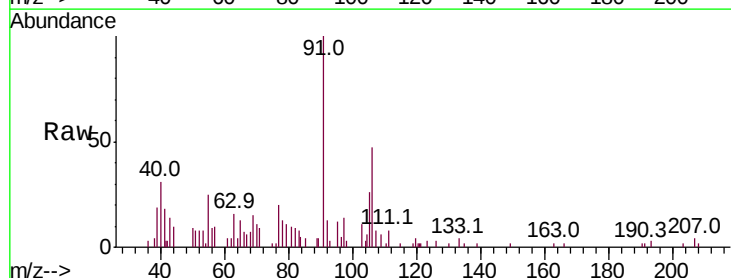
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MSVOA_D
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BP-VPB181-GW-858-860

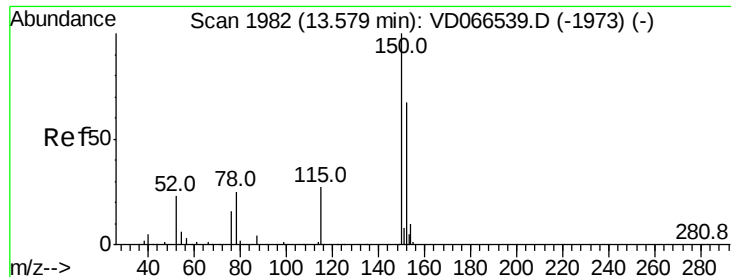
Tot Ion:106 Resp: 54066
Ion Ratio Lower Upper
106 100
91 220.5 162.4 243.6



#69
o-Xylene
Concen: 1.684 ug/l
RT: 12.17 min Scan# 1743
Delta R.T. -0.01 min
Lab File: VD066560.D
Acq: 04 Sep 2020 13:55

Tgt Ion:106 Resp: 8075
Ion Ratio Lower Upper
106 100
91 215.8 107.9 323.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066560.D

Acq: 04 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB181-GW-858-860

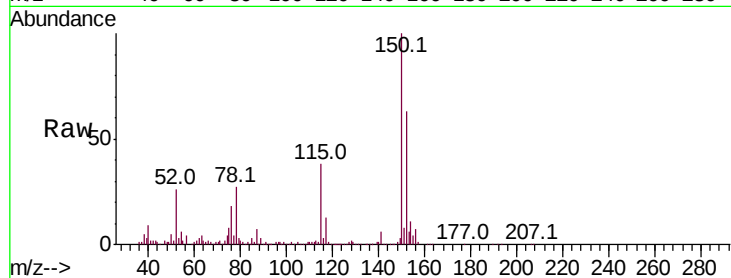
Tot Ion:152 Resp: 150985

Ion Ratio Lower Upper

152 100

115 68.0 30.4 91.2

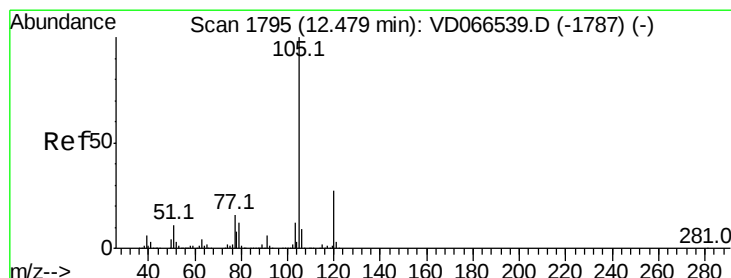
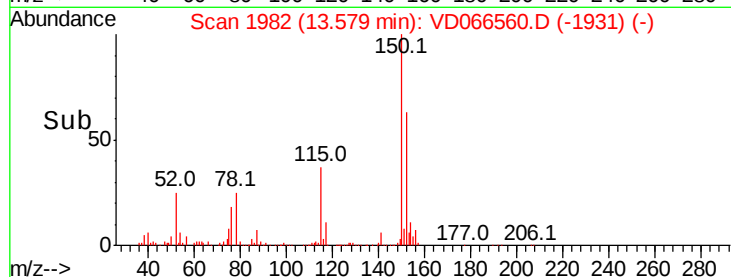
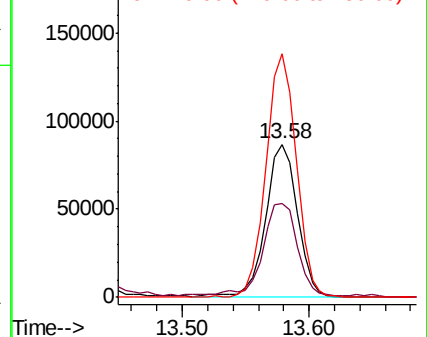
150 152.7 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.355 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066560.D

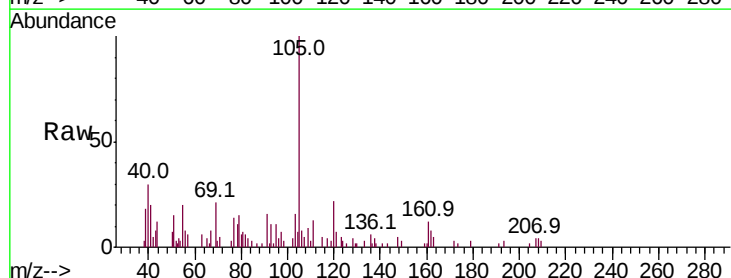
Acq: 04 Sep 2020 13:55

Tgt Ion:105 Resp: 15152

Ion Ratio Lower Upper

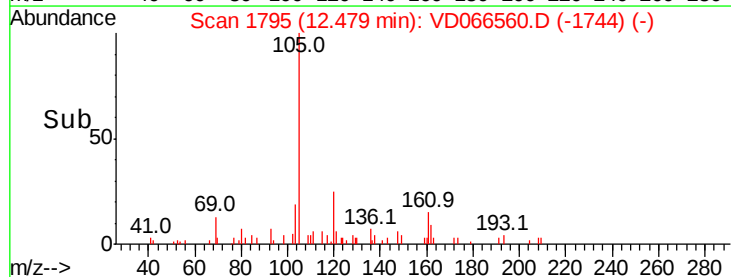
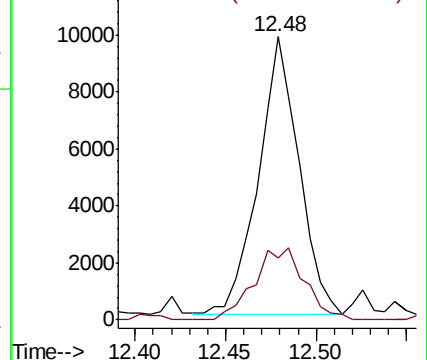
105 100

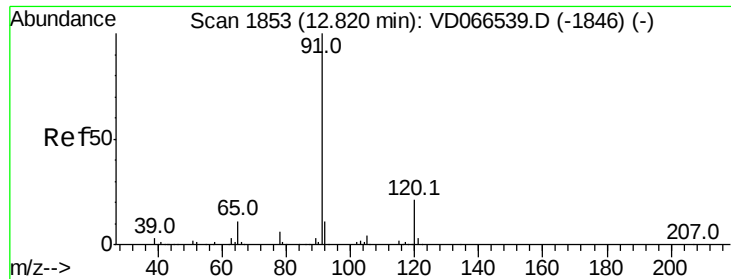
120 32.3 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

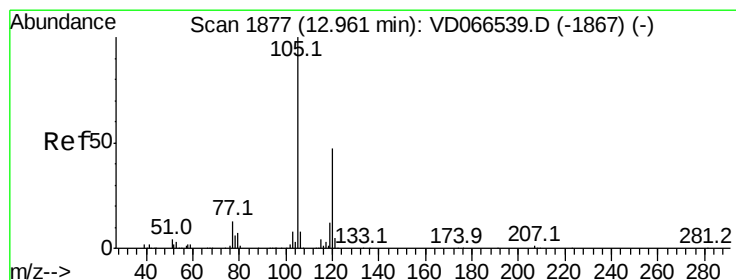
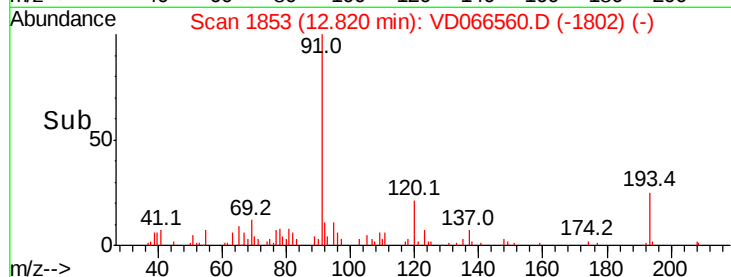
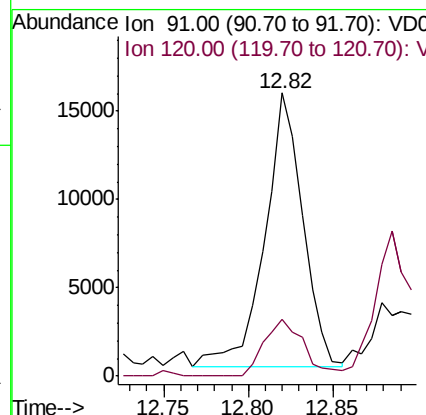
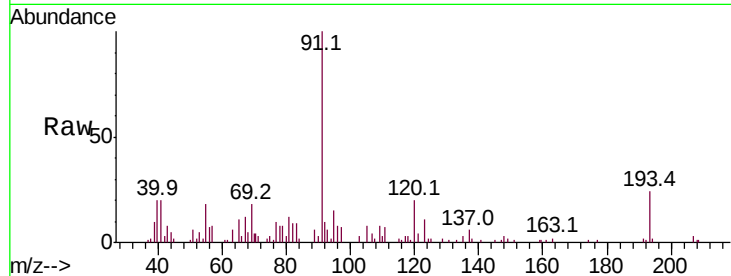




#78
n-propylbenzene
Concen: 1.774 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066560.D
Acq: 04 Sep 2020 13:55

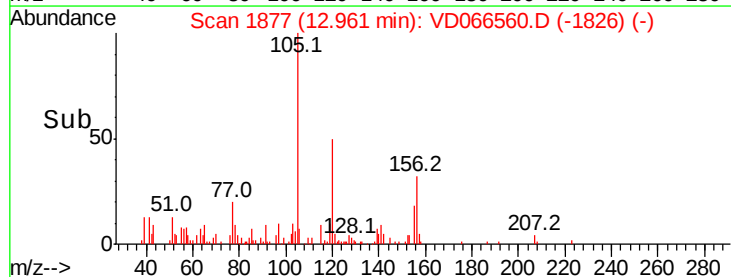
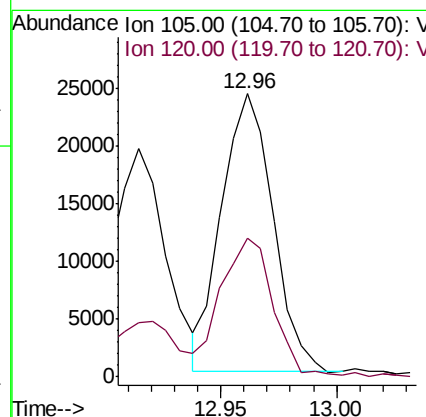
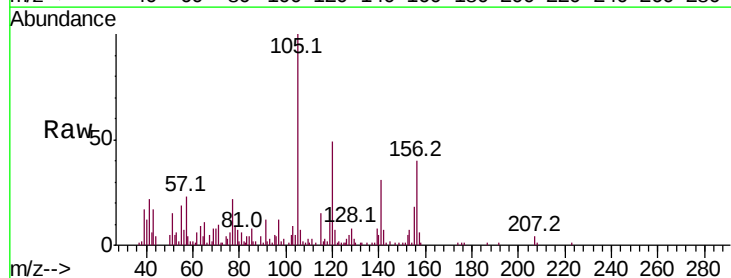
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB181-GW-858-860

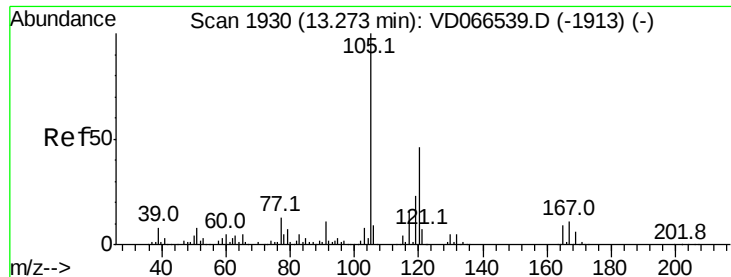
Tot Ion: 91 Resp: 24038
Ion Ratio Lower Upper
91 100
120 21.9 11.1 33.1



#80
1,3,5-Trimethylbenzene
Concen: 3.950 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD066560.D
Acq: 04 Sep 2020 13:55

Tgt Ion:105 Resp: 37169
Ion Ratio Lower Upper
105 100
120 49.8 23.9 71.8





#84

1,2,4-Trimethylbenzene

Concen: 11.413 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066560.D

Acq: 04 Sep 2020 13:55

Instrument :

MSVOA_D

ClientSampleId :

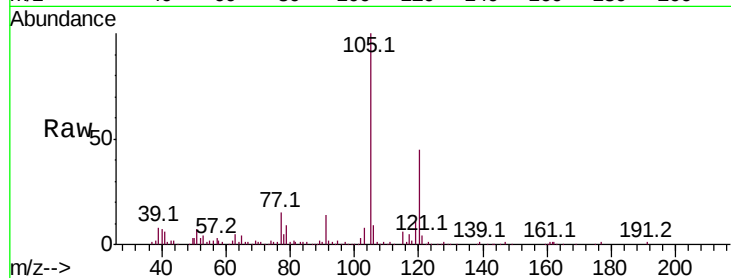
BP-VPB181-GW-858-860

Tot Ion:105 Resp: 106909

Ion Ratio Lower Upper

105 100

120 45.4 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.27

60000

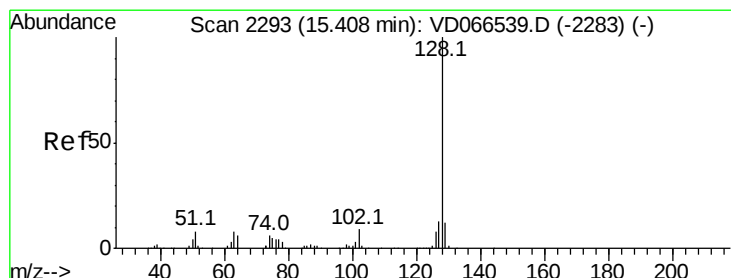
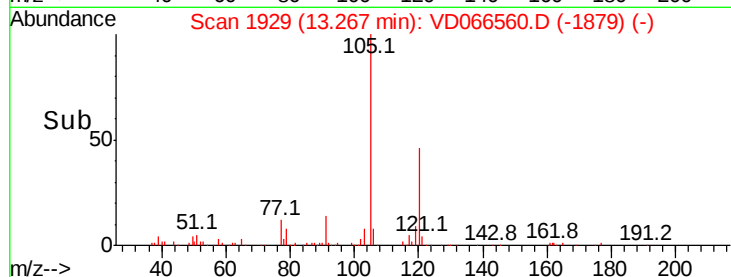
40000

20000

0

Time-->

13.20 13.25 13.30



#95

Naphthalene

Concen: 142.954 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066560.D

Acq: 04 Sep 2020 13:55

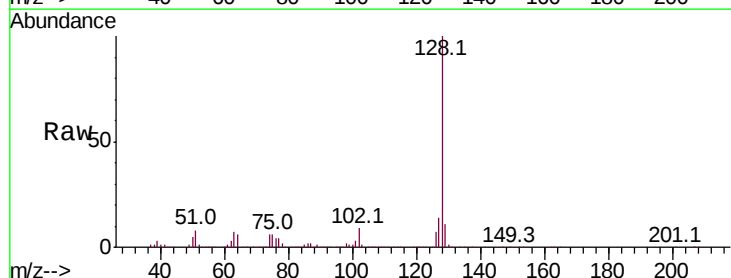
Tgt Ion:128 Resp: 648348

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

129 11.3 9.1 13.7



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

15.41

400000

300000

200000

100000

0

Time-->

15.30 15.40 15.50

