

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090420\
 Data File : VD066564.D
 Acq On : 04 Sep 2020 15:45
 Operator : VA/SY
 Sample : L3876-07
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1458-62

Quant Time: Sep 05 05:07:09 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

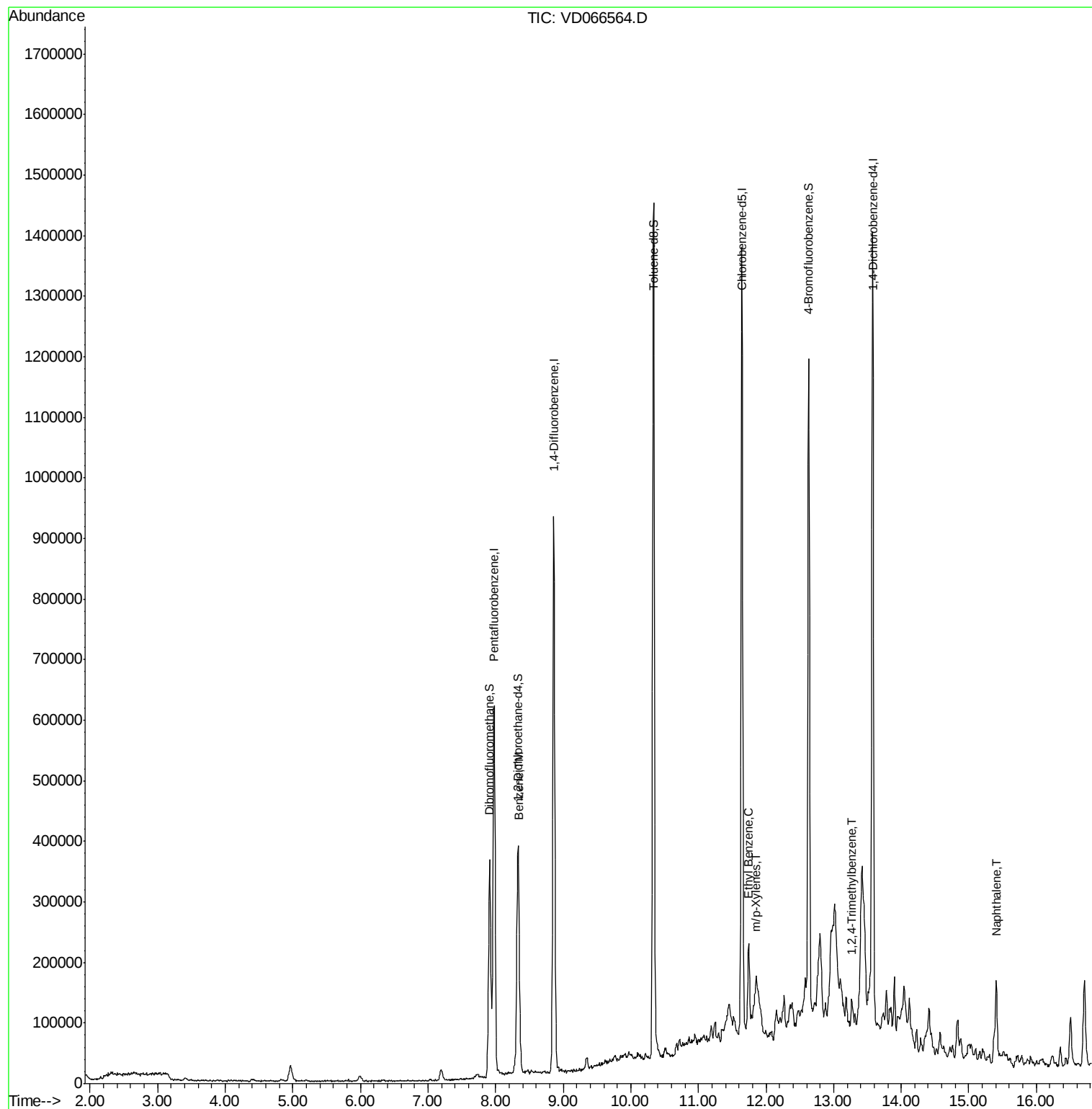
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	417056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	752412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	689992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	313838	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	262233	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
35) Dibromofluoromethane	7.91	113	251980	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
50) Toluene-d8	10.34	98	932743	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.63	95	323377	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.52%	
Target Compounds						
40) Benzene	8.34	78	115197	5.372	ug/l	98
67) Ethyl Benzene	11.74	91	100217	3.833	ug/l	100
68) m/p-Xylenes	11.86	106	16037	1.652	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	30650	1.574	ug/l	100
95) Naphthalene	15.40	128	118429	12.562	ug/l	98

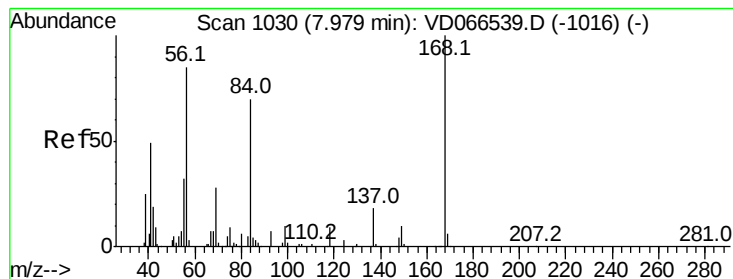
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090420\
Data File : VD066564.D
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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 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: VD066564.D

Acq: 04 Sep 2020 15:45

Instrument :

MSVOA_D

ClientSampleId :

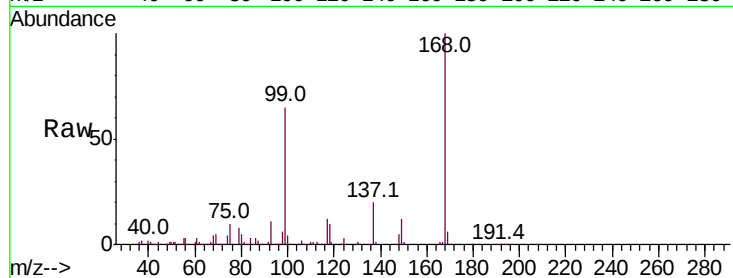
1458-62

Tot Ion:168 Resp: 417056

Ion Ratio Lower Upper

168 100

99 64.6 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

200000

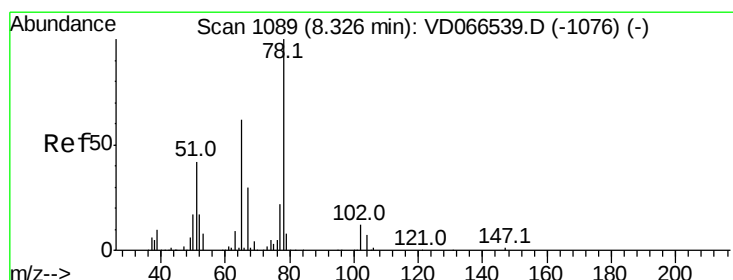
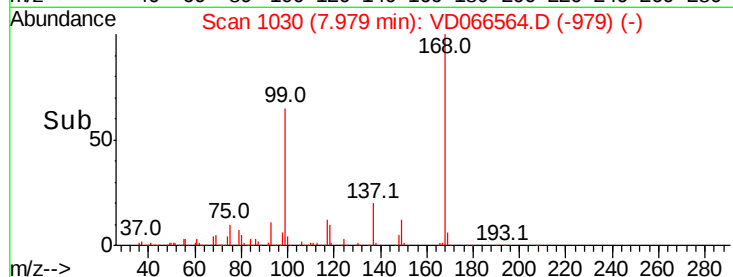
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.969 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066564.D

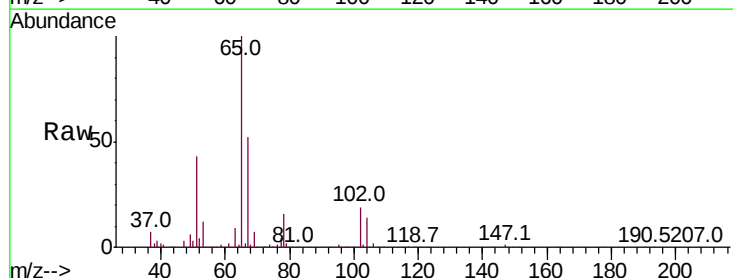
Acq: 04 Sep 2020 15:45

Tgt Ion: 65 Resp: 262233

Ion Ratio Lower Upper

65 100

67 49.9 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

120000

100000

80000

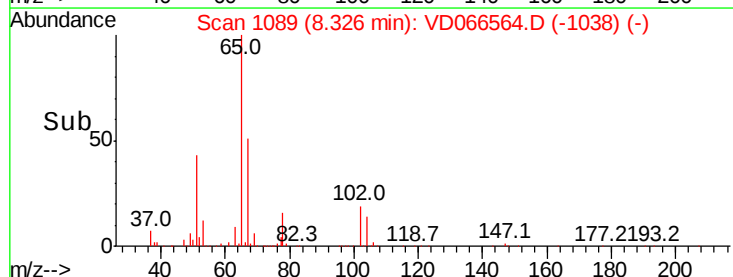
60000

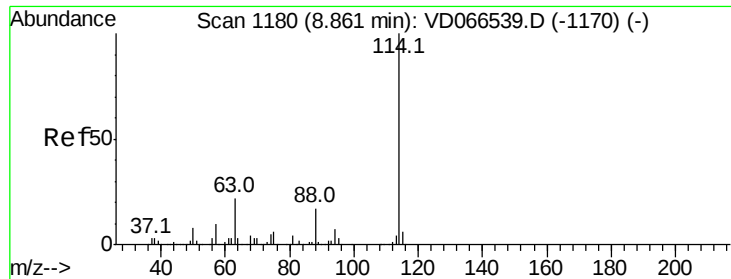
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

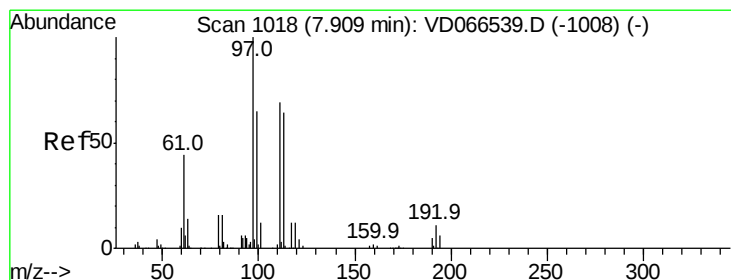
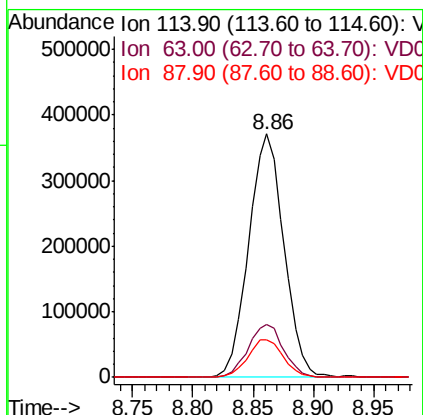
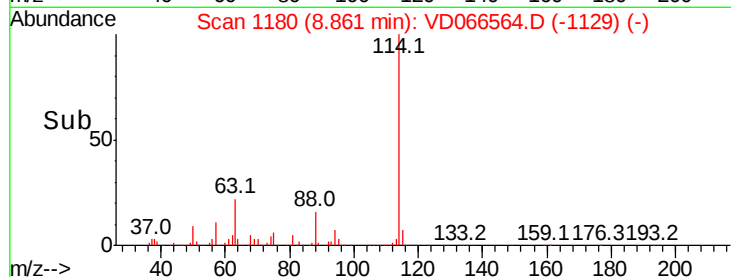
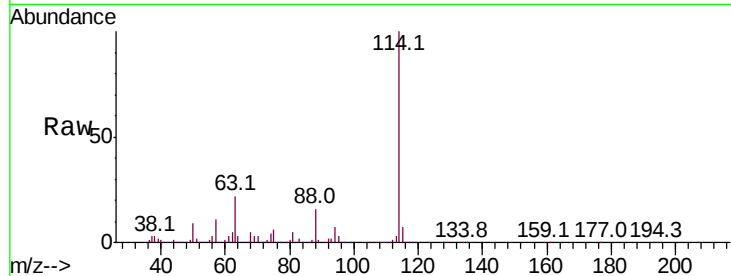
Lab File: VD066564.D

Acq: 04 Sep 2020 15:45

Instrument :
MSVOA_D
ClientSampleId :
1458-62

Tot Ion:114 Resp: 752412

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.2
88	15.6	0.0	33.2



#35

Dibromofluoromethane

Concen: 49.643 ug/l

RT: 7.91 min Scan# 1019

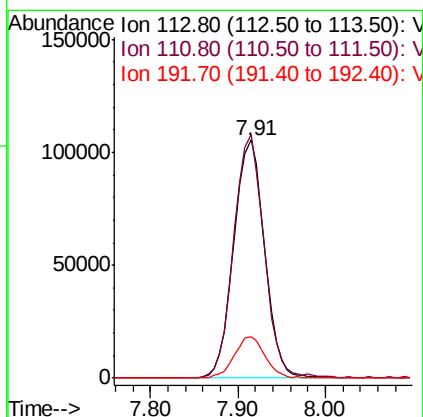
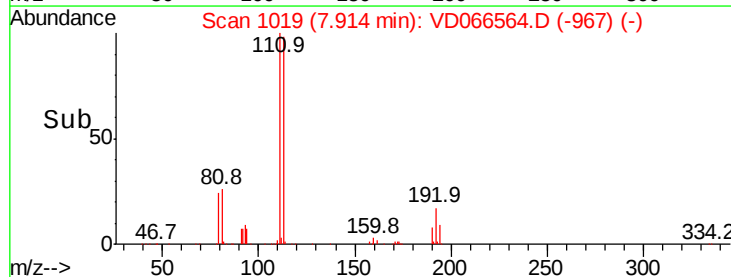
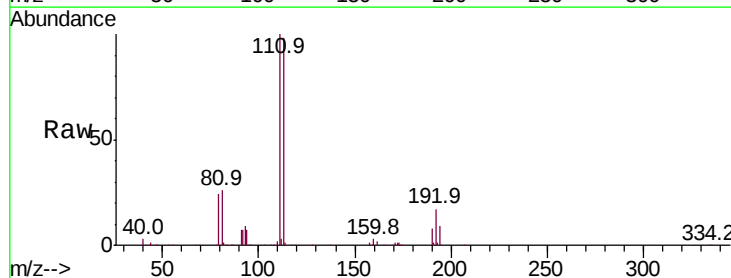
Delta R.T. 0.01 min

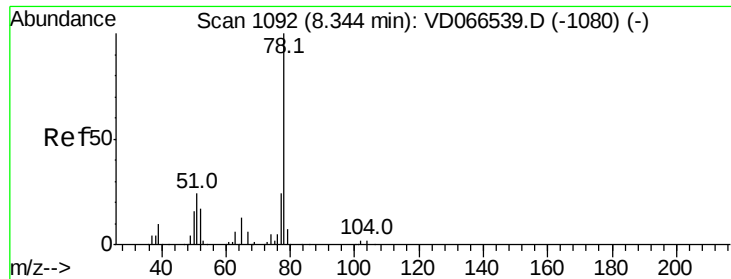
Lab File: VD066564.D

Acq: 04 Sep 2020 15:45

Tgt Ion:113 Resp: 251980

Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.2	124.8
192	17.4	13.7	20.5





#40

Benzene

Concen: 5.372 ug/l

RT: 8.34 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VD066564.D

Acq: 04 Sep 2020 15:45

Instrument :

MSVOA_D

ClientSampleId :

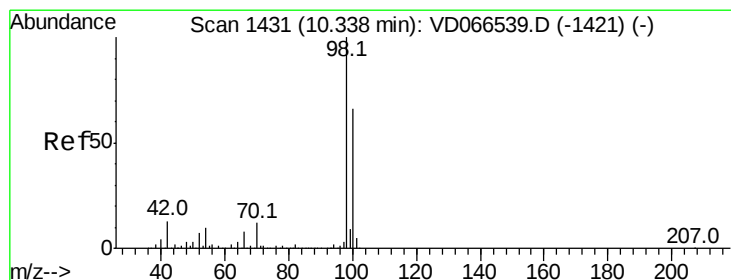
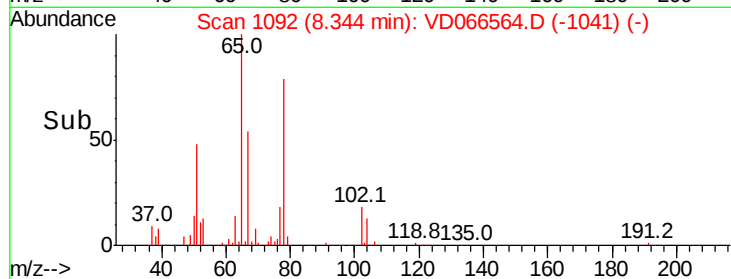
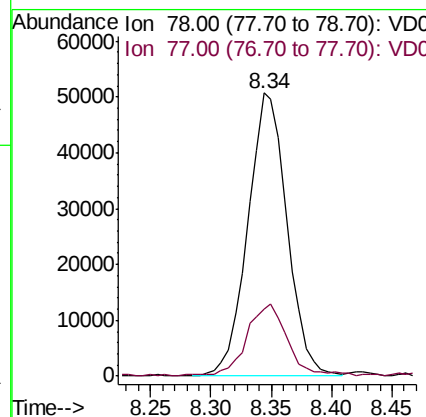
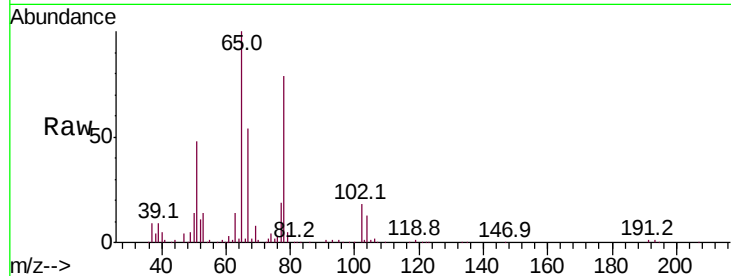
1458-62

Tot Ion: 78 Resp: 115197

Ion Ratio Lower Upper

78 100

77 23.1 19.1 28.7



#50

Toluene-d8

Concen: 51.414 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066564.D

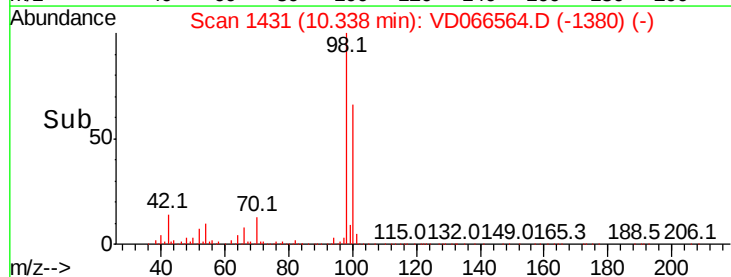
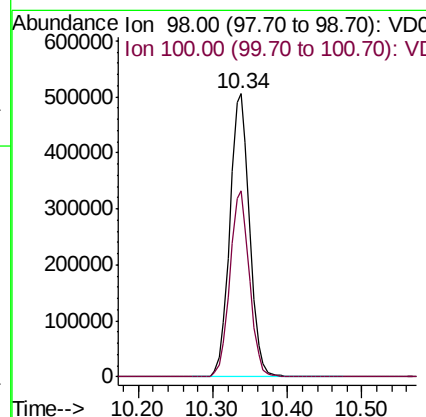
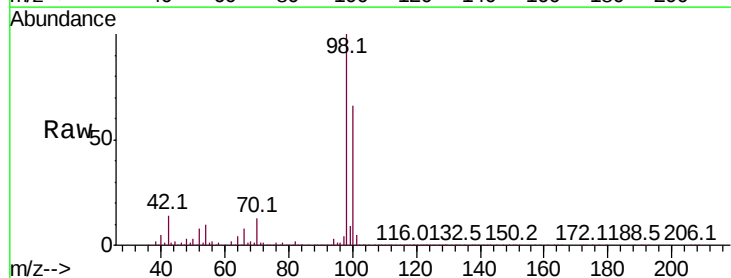
Acq: 04 Sep 2020 15:45

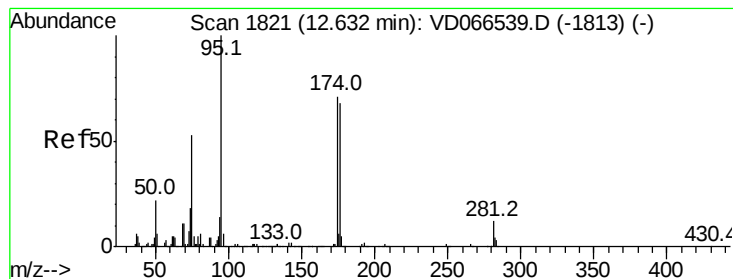
Tgt Ion: 98 Resp: 932743

Ion Ratio Lower Upper

98 100

100 64.9 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 53.756 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066564.D

Acq: 04 Sep 2020 15:45

Instrument :

MSVOA_D

ClientSampled :

1458-62

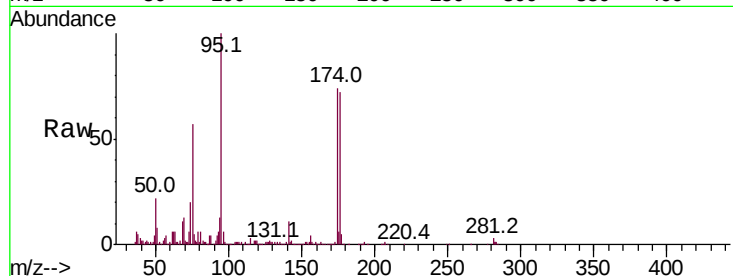
Tot Ion: 95 Resp: 323377

Ion Ratio Lower Upper

95 100

174 77.9 0.0 155.8

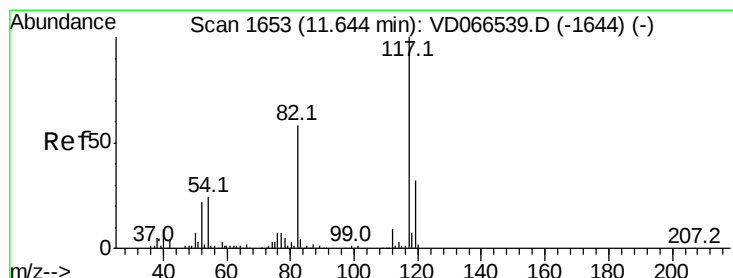
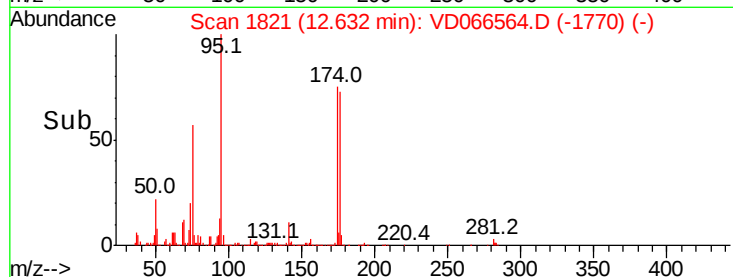
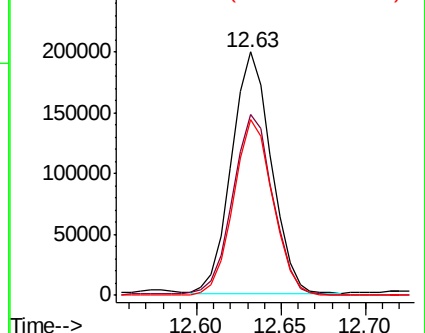
176 72.5 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066564.D

Acq: 04 Sep 2020 15:45

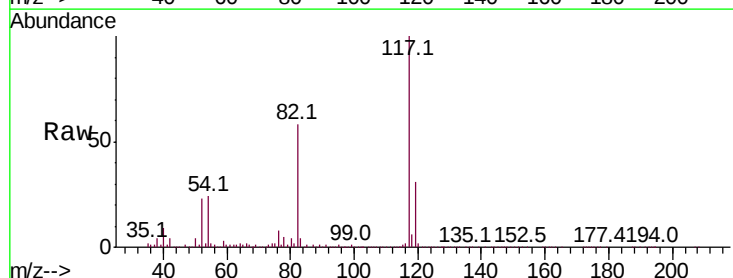
Tgt Ion: 117 Resp: 689992

Ion Ratio Lower Upper

117 100

82 58.3 46.2 69.2

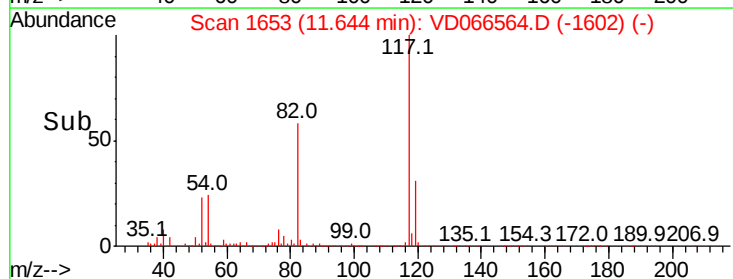
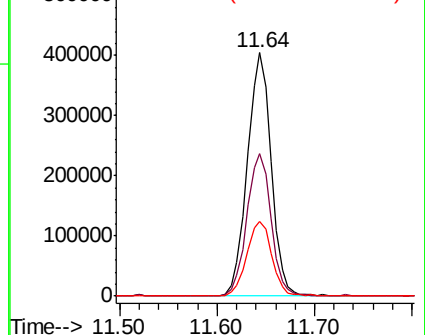
119 30.6 25.8 38.8

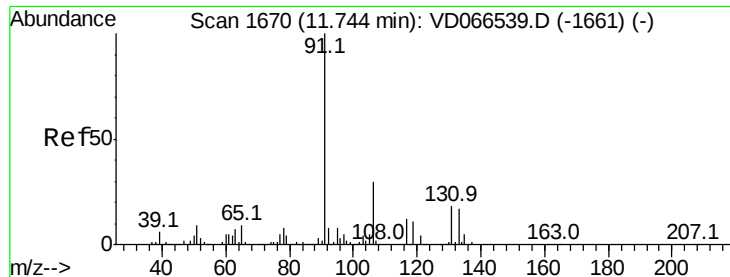


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

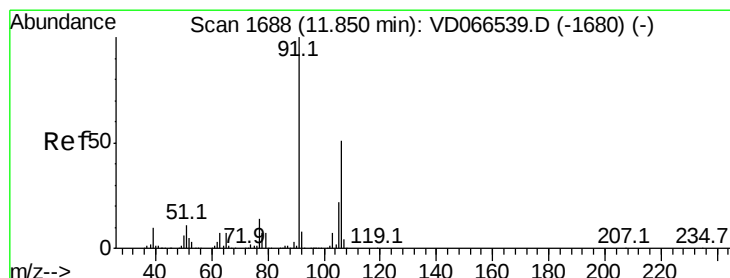
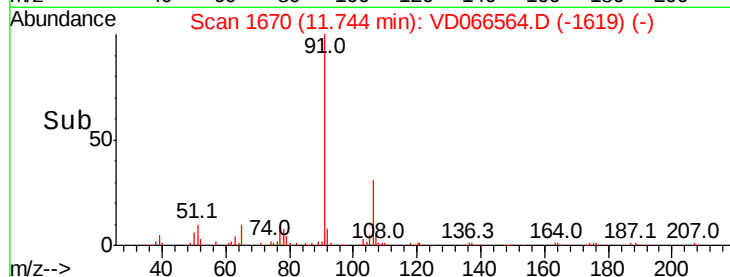
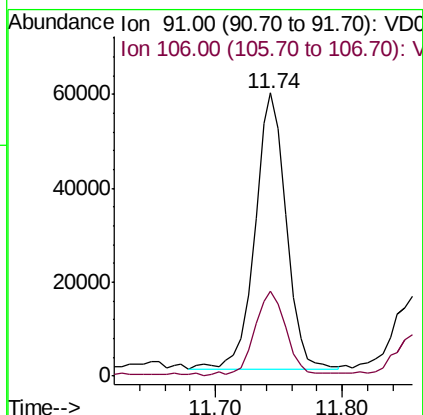
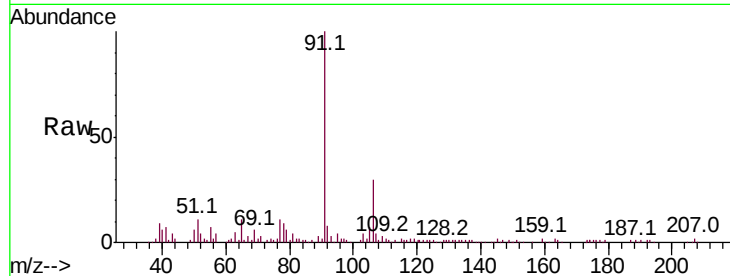




#67
Ethyl Benzene
Concen: 3.833 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066564.D
Acq: 04 Sep 2020 15:45

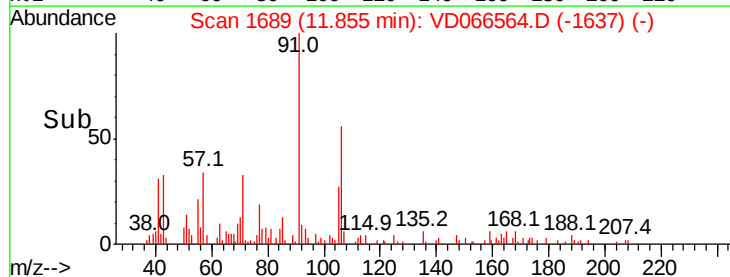
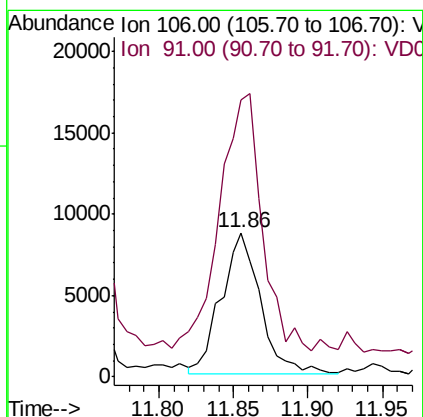
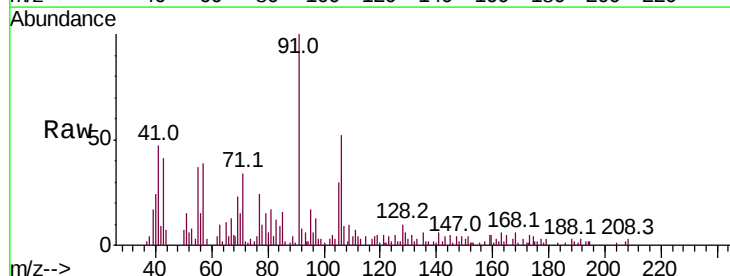
Instrument :
MSVOA_D
ClientSampleId :
1458-62

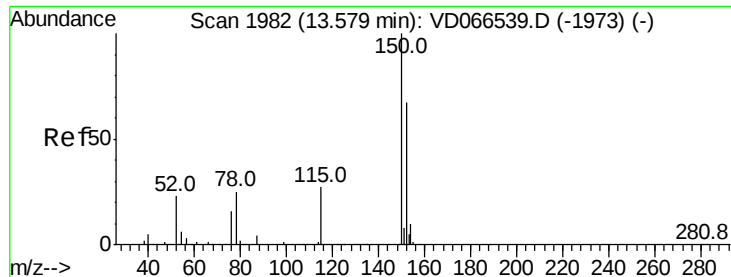
Tot Ion: 91 Resp: 100217
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5



#68
m/p-Xylenes
Concen: 1.652 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066564.D
Acq: 04 Sep 2020 15:45

Tgt Ion: 106 Resp: 16037
Ion Ratio Lower Upper
106 100
91 196.0 162.4 243.6



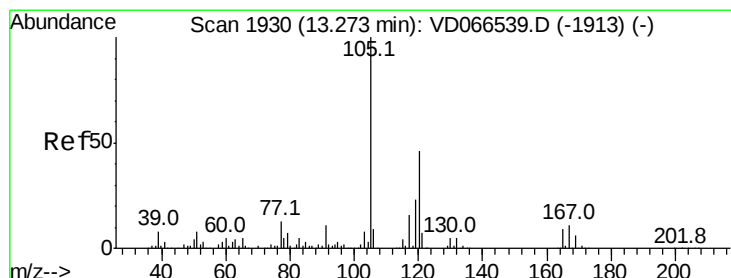
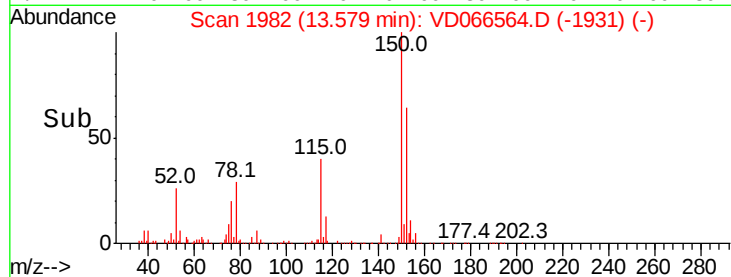
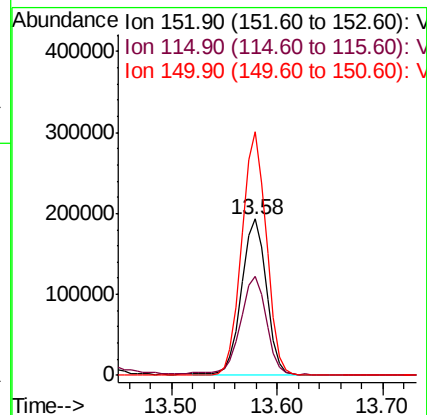
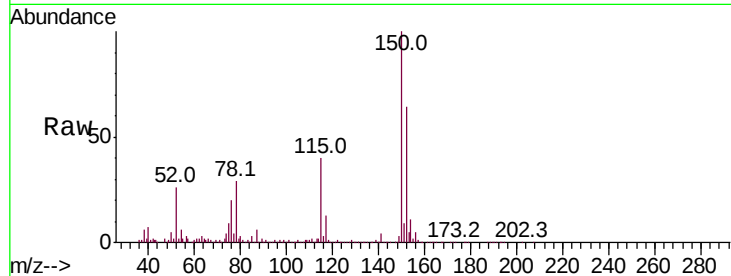


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066564.D
Acq: 04 Sep 2020 15:45

Instrument :
MSVOA_D
ClientSampleId :
1458-62

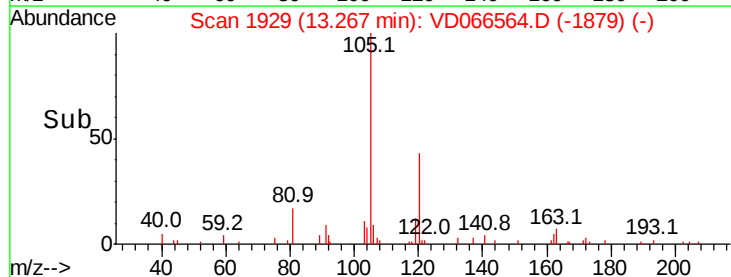
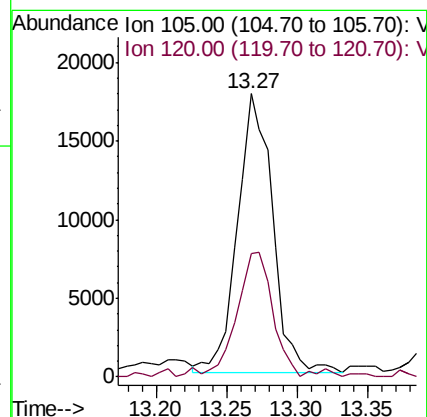
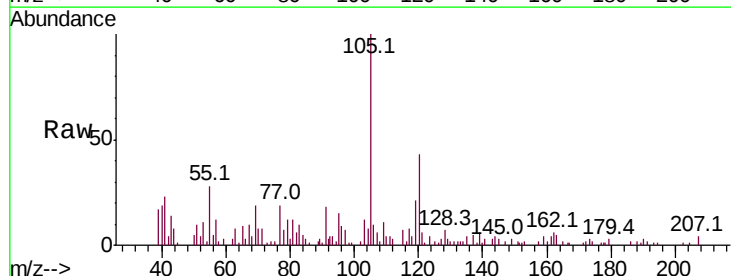
Tot Ion	Ratio	Lower	Upper
152	100		
115	66.4	30.4	91.2
150	153.3	0.0	345.8

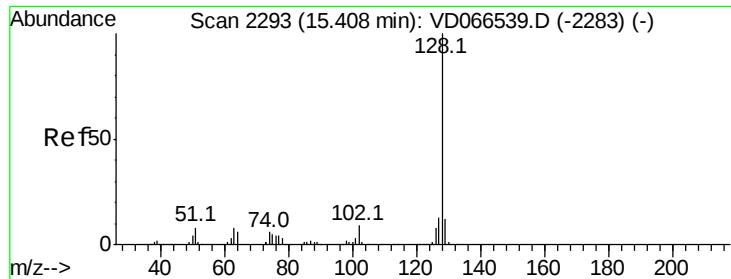


#84

1,2,4-Trimethylbenzene
Concen: 1.574 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066564.D
Acq: 04 Sep 2020 15:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.7





#95

Naphthalene

Concen: 12.562 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066564.D

Acq: 04 Sep 2020 15:45

Instrument :

MSVOA_D

ClientSampleId :

1458-62

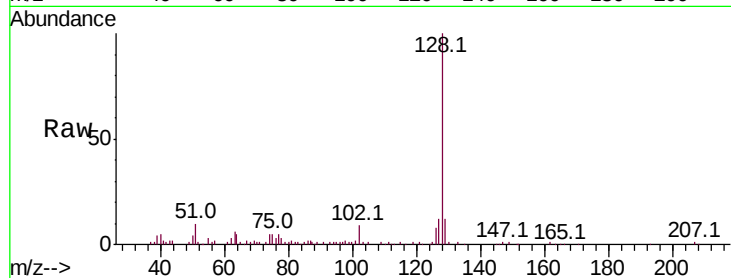
Tot Ion:128 Resp: 118429

Ion Ratio Lower Upper

128 100

127 15.0 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

