

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102320\
 Data File : VD067378.D
 Acq On : 23 Oct 2020 13:26
 Operator : VA/SY
 Sample : L4501-01
 Misc : 6.92G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-1

Quant Time: Oct 24 07:40:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

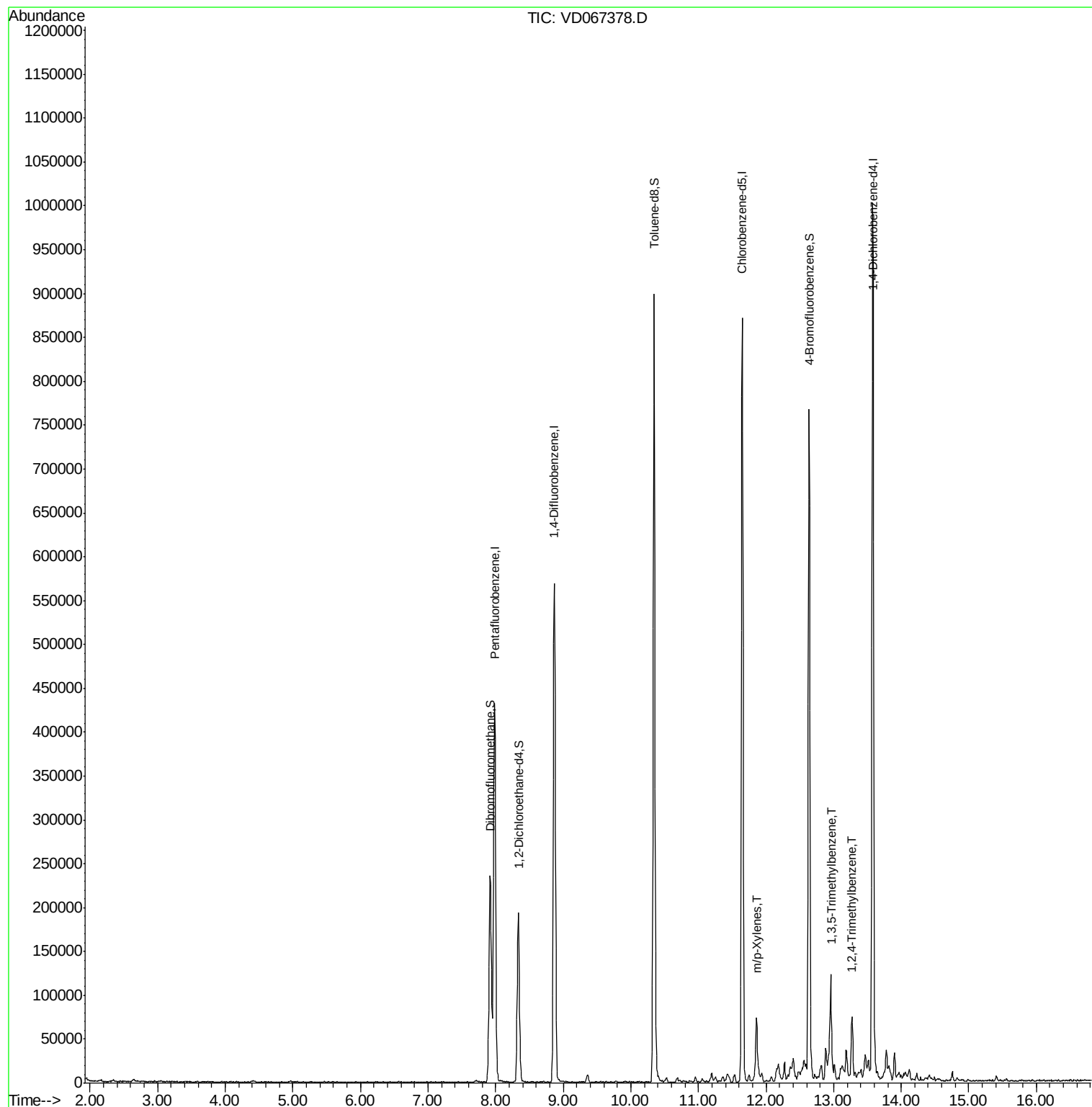
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	327630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	528604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	523226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	273061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	166867	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
35) Dibromofluoromethane	7.92	113	166778	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
50) Toluene-d8	10.34	98	620272	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.64	95	245935	55.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.12%	
Target Compounds						
68) m/p-Xylenes	11.86	106	12495	1.887	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	18385	1.221	ug/l	93
84) 1,2,4-Trimethylbenzene	13.27	105	39193	2.633	ug/l	96

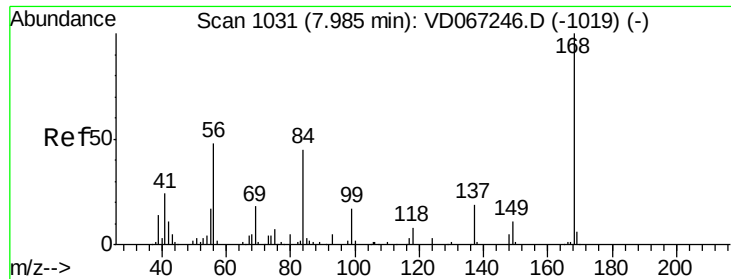
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067378.D

Acq: 23 Oct 2020 13:26

Instrument :

MSVOA_D

ClientSampleId :

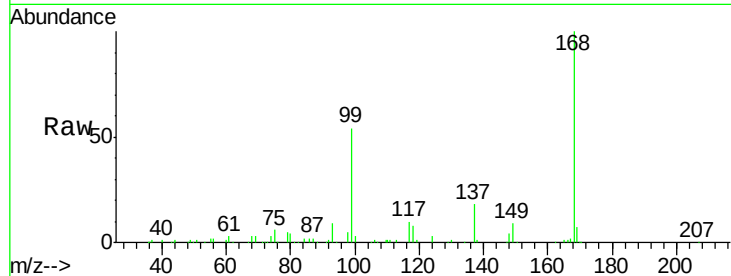
COMP-1

Tot Ion:168 Resp: 327630

Ion Ratio Lower Upper

168 100

99 53.7 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

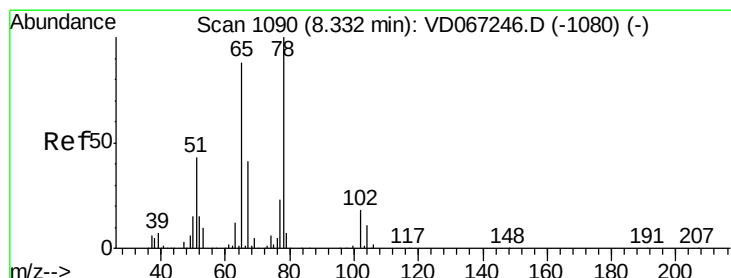
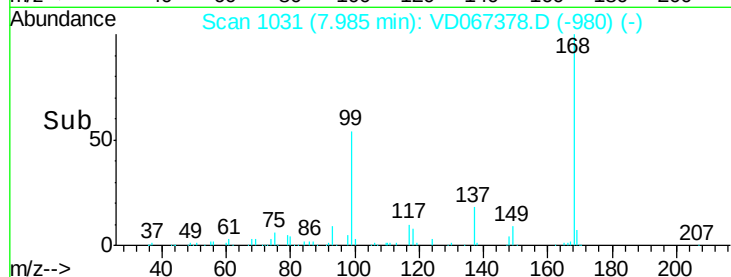
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.837 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067378.D

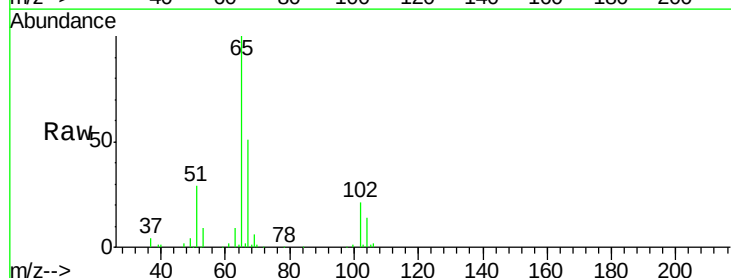
Acq: 23 Oct 2020 13:26

Tgt Ion: 65 Resp: 166867

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

80000

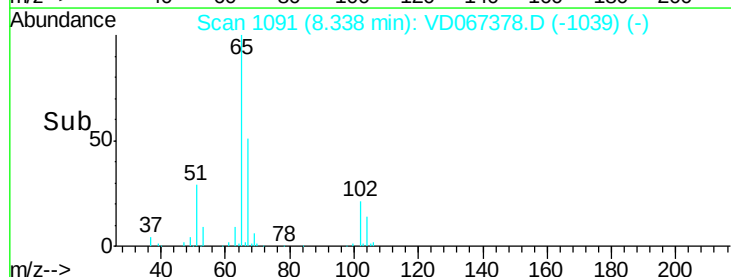
60000

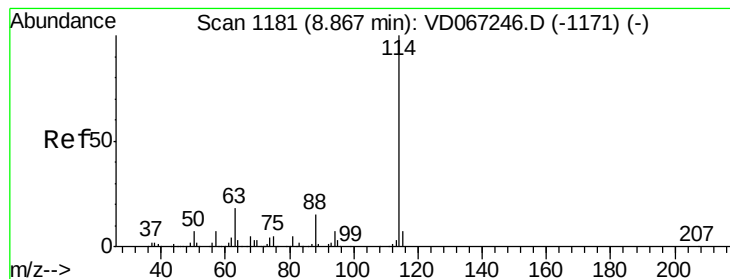
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD067378.D

Acq: 23 Oct 2020 13:26

Instrument :

MSVOA_D

ClientSampleId :

COMP-1

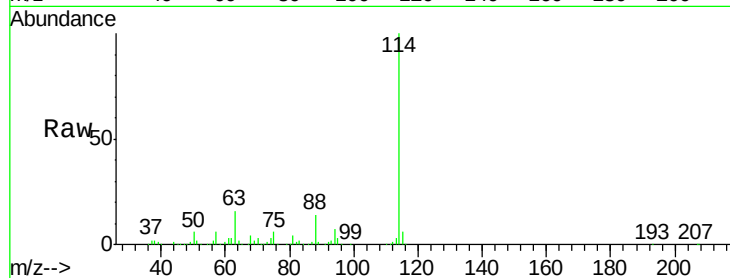
Tot Ion:114 Resp: 528604

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

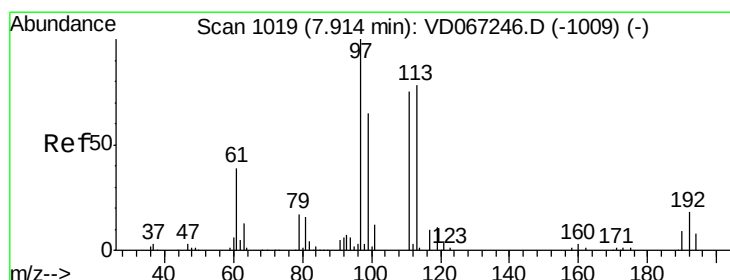
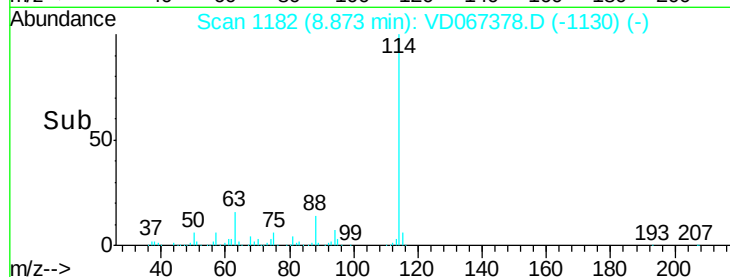
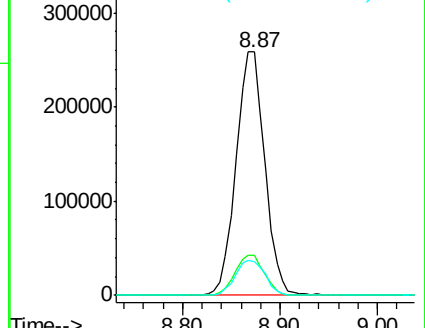
88 13.8 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 47.409 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067378.D

Acq: 23 Oct 2020 13:26

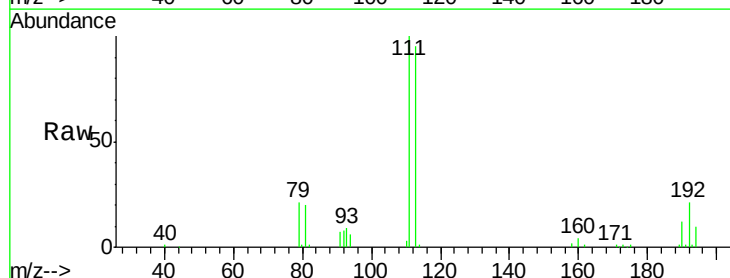
Tgt Ion:113 Resp: 166778

Ion Ratio Lower Upper

113 100

111 104.4 81.6 122.4

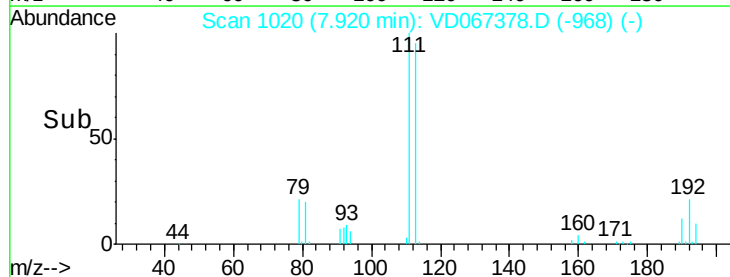
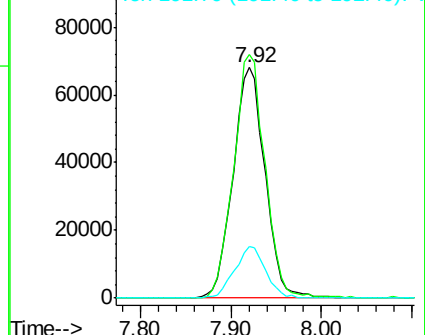
192 21.4 17.0 25.4

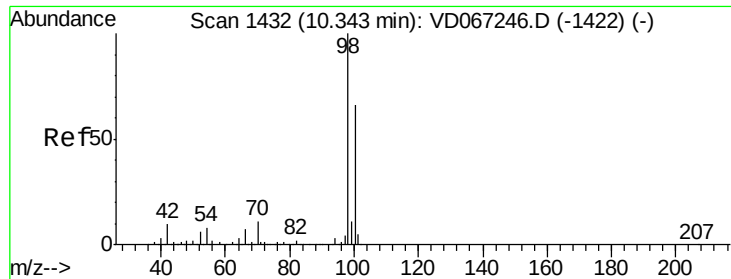


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.722 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067378.D

Acq: 23 Oct 2020 13:26

Instrument :

MSVOA_D

ClientSampleId :

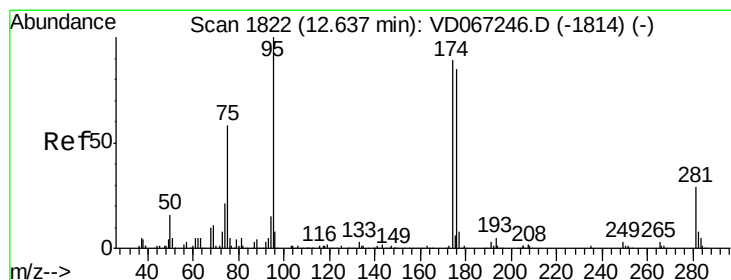
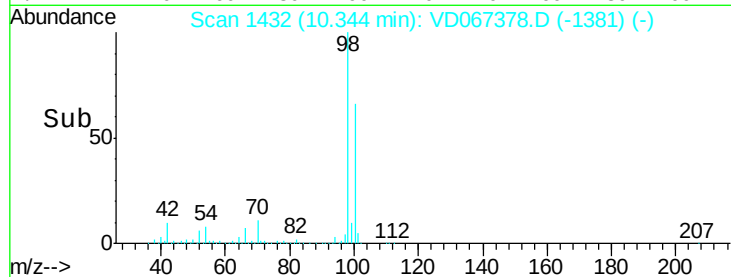
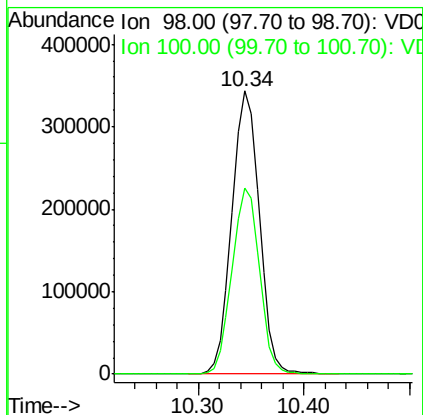
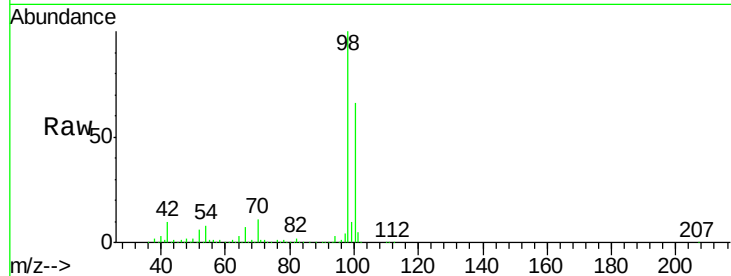
COMP-1

Tot Ion: 98 Resp: 620272

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 55.556 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067378.D

Acq: 23 Oct 2020 13:26

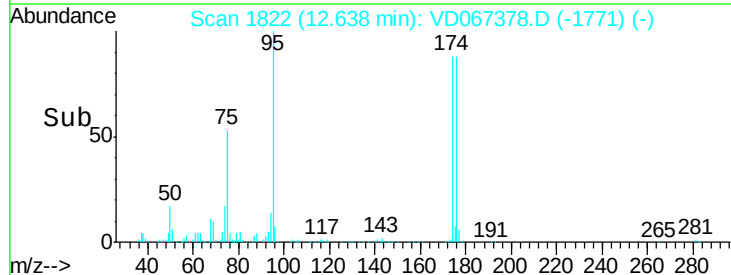
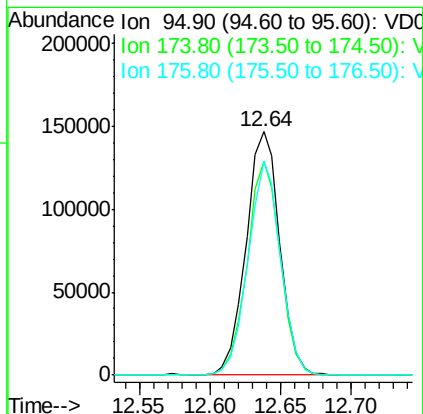
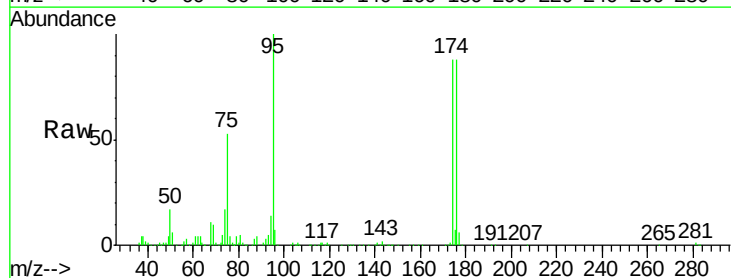
Tgt Ion: 95 Resp: 245935

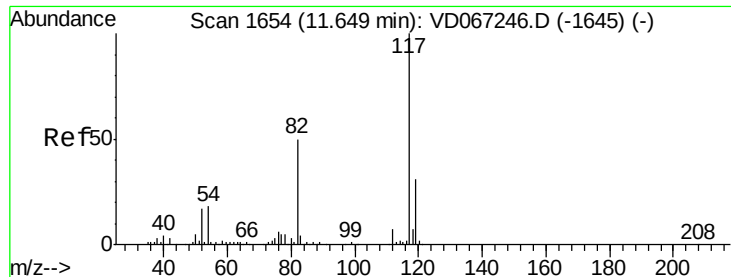
Ion Ratio Lower Upper

95 100

174 85.8 0.0 175.2

176 84.7 0.0 168.6

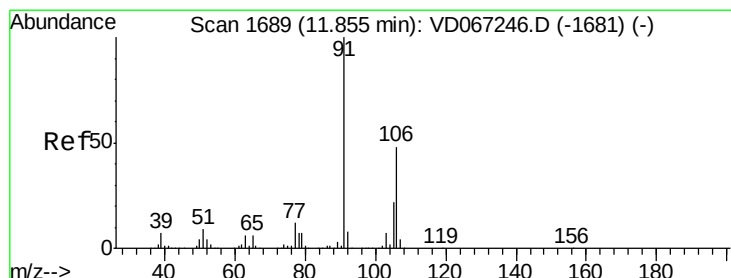
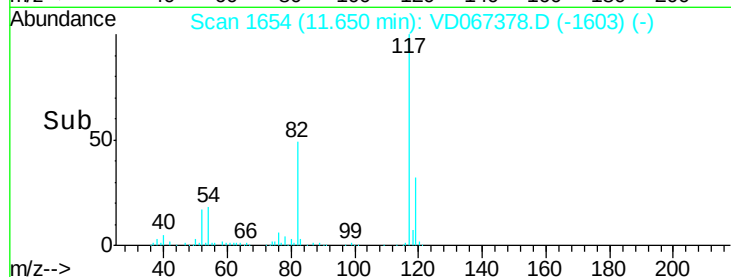
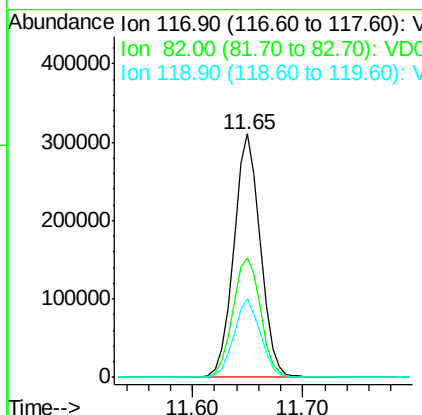
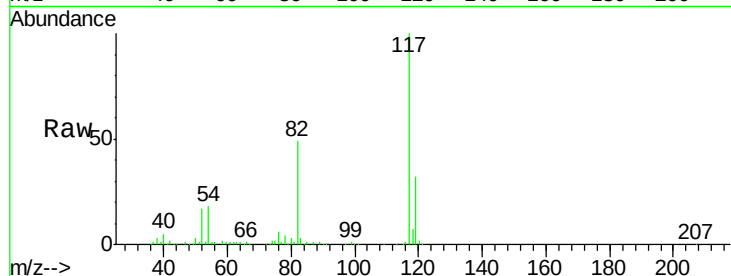




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067378.D
Acq: 23 Oct 2020 13:26

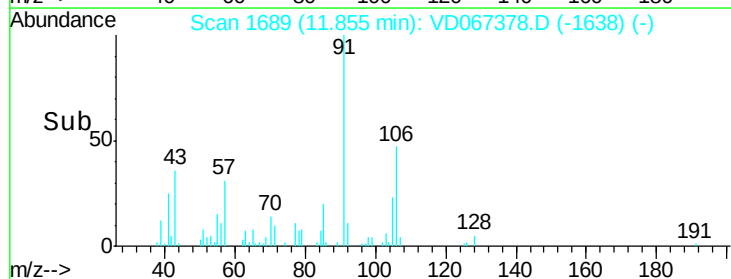
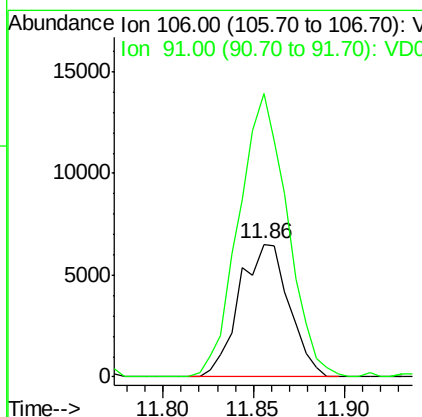
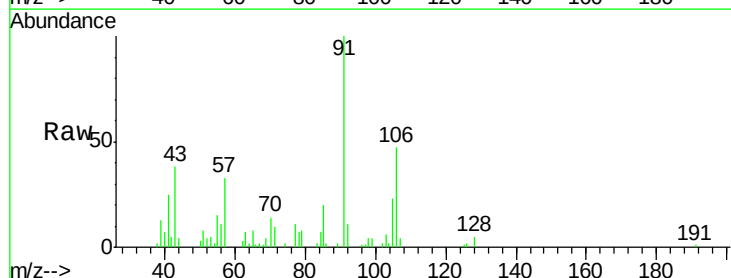
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COMP-1

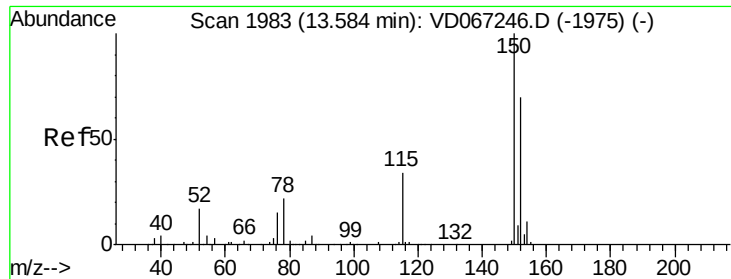
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.3	39.9	59.9
119	32.3	24.9	37.3



#68
m/p-Xylenes
Concen: 1.887 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067378.D
Acq: 23 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
106	100		
91	208.2	163.8	245.8

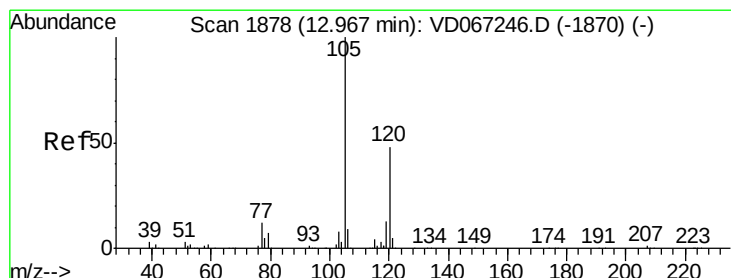
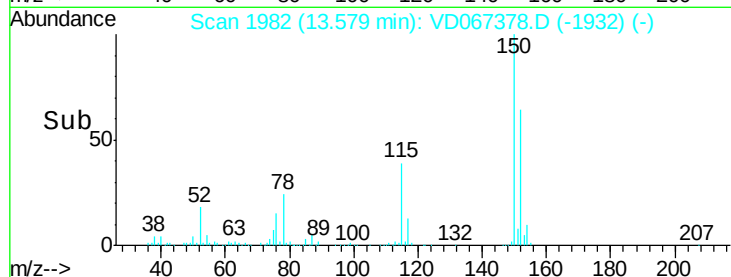
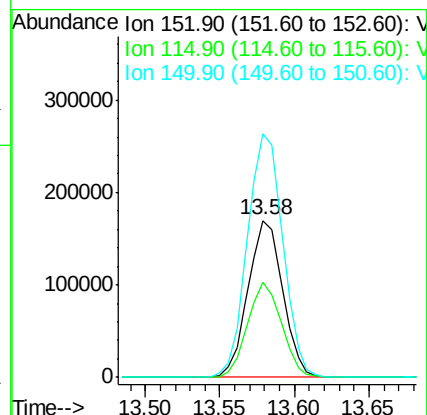
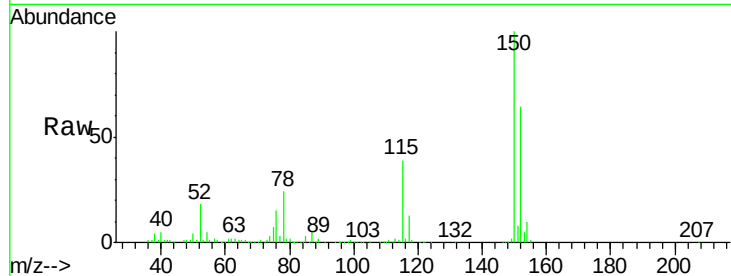




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: VD067378.D
 Acq: 23 Oct 2020 13:26

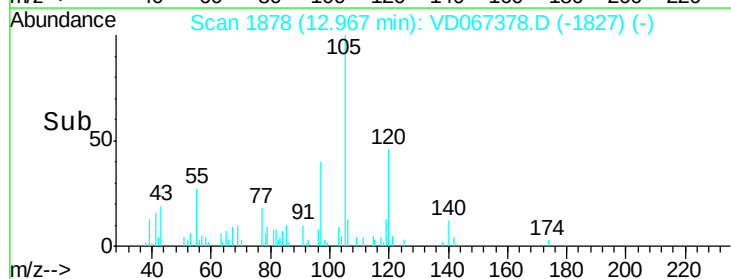
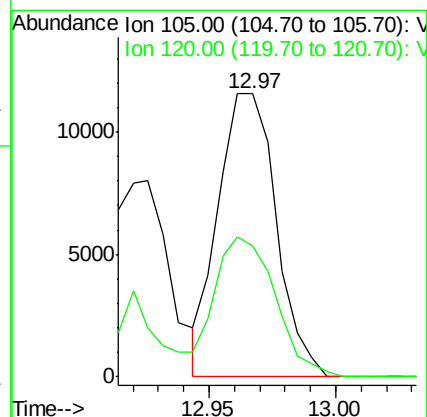
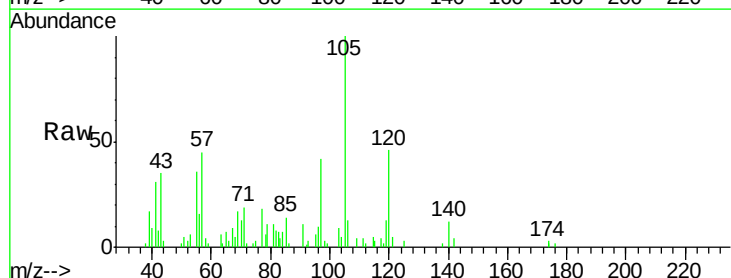
Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-1

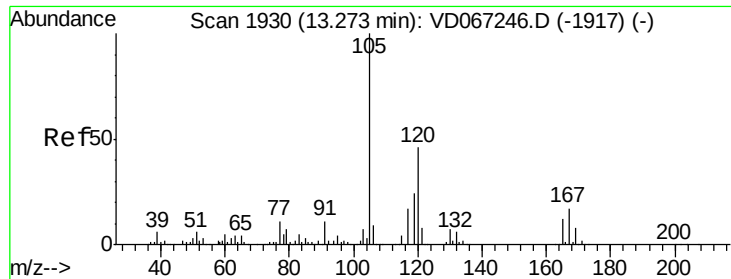
Tot Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.3	87.9
150	158.1	0.0	339.0



#80
 1,3,5-Trimethylbenzene
 Concen: 1.221 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD067378.D
 Acq: 23 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	53.2	24.3	72.8





#84
 1,2,4-Trimethylbenzene
 Concen: 2.633 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067378.D
 Acq: 23 Oct 2020 13:26

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-1

Tot Ion:105 Resp: 39193
 Ion Ratio Lower Upper
 105 100
 120 47.4 22.4 67.3

