

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067175.D
 Acq On : 08 Oct 2020 02:58
 Operator : VA/SY
 Sample : L4309-01
 Misc : 4.50G/5.00ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OWLS-HEAD-BH-02-A

Quant Time: Oct 08 08:56:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

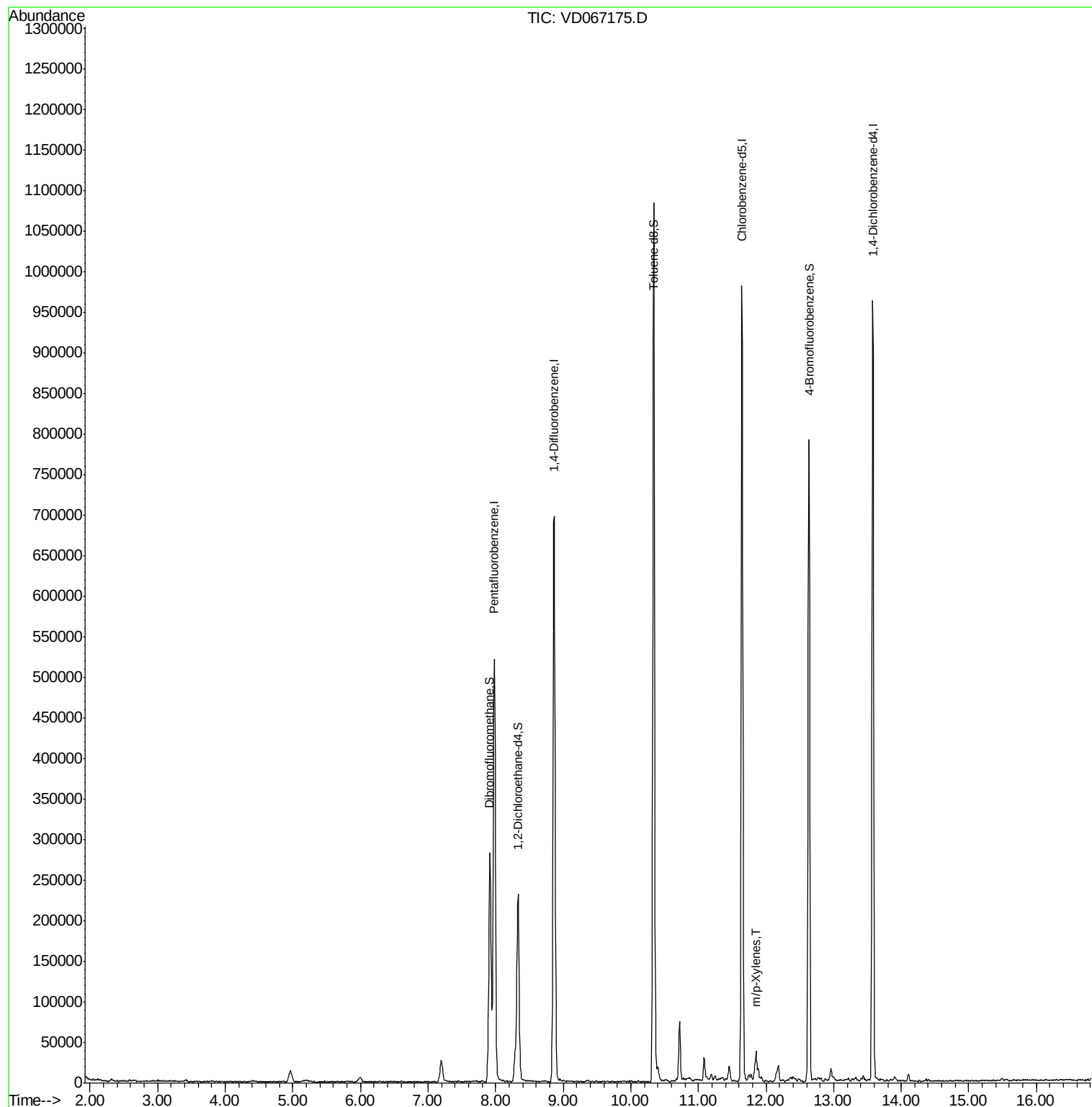
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	389103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	633507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	590521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	264267	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	191936	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
35) Dibromofluoromethane	7.91	113	202717	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
50) Toluene-d8	10.34	98	734576	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
62) 4-Bromofluorobenzene	12.64	95	248842	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
Target Compounds						
68) m/p-Xylenes	11.85	106	10513	1.341	ug/l	Qvalue 86

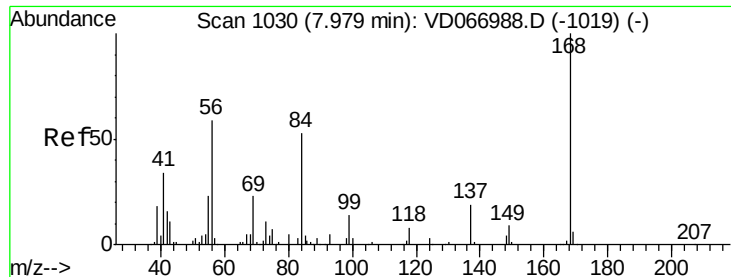
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 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: VD067175.D

Acq: 08 Oct 2020 02:58

Instrument :

MSVOA_D

ClientSampleId :

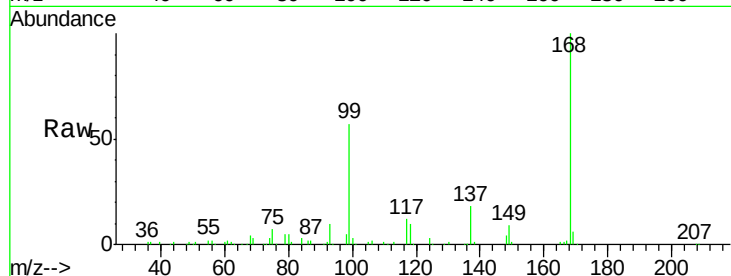
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Tot Ion:168 Resp: 389103

Ion Ratio Lower Upper

168 100

99 56.5 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

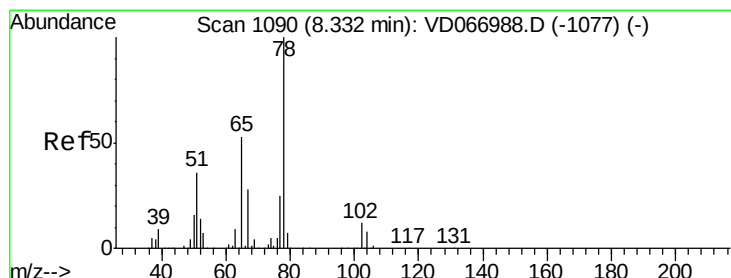
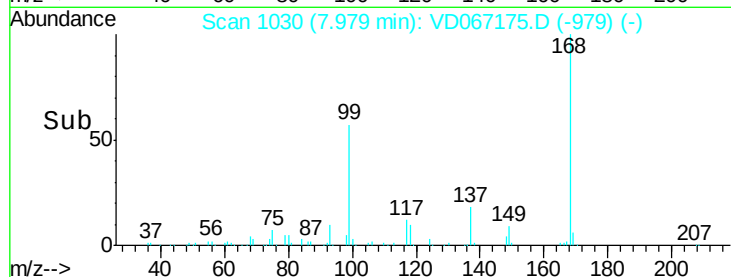
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.213 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067175.D

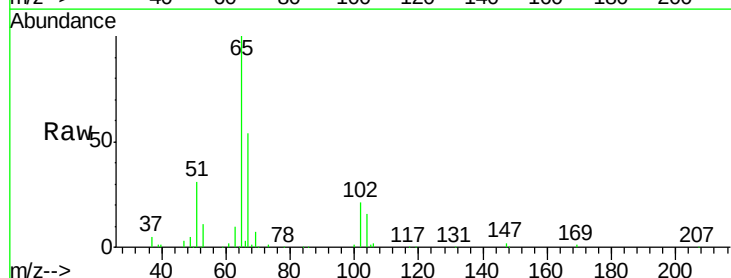
Acq: 08 Oct 2020 02:58

Tgt Ion: 65 Resp: 191936

Ion Ratio Lower Upper

65 100

67 50.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

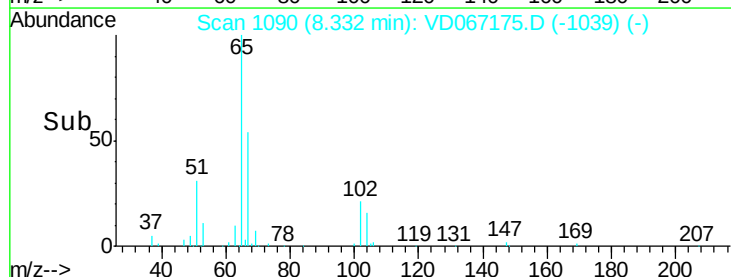
60000

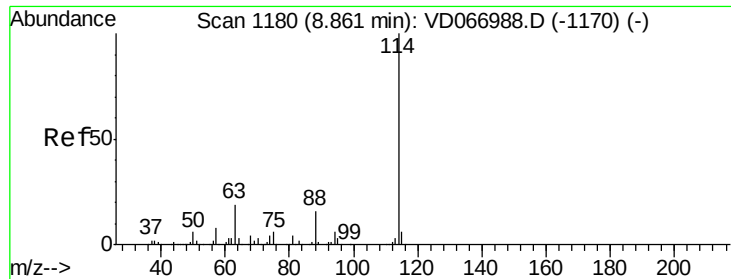
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067175.D

Acq: 08 Oct 2020 02:58

Instrument :

MSVOA_D

ClientSampleId :

OWLS-HEAD-BH-02-A

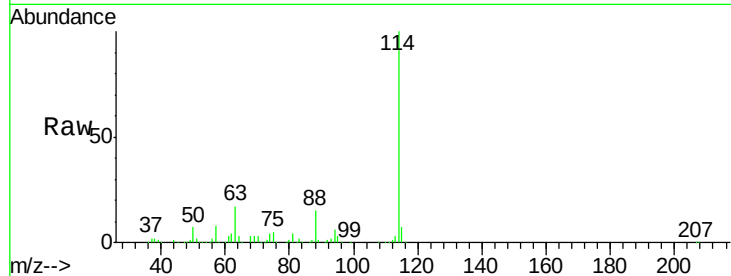
Tot Ion:114 Resp: 633507

Ion Ratio Lower Upper

114 100

63 17.0 0.0 38.4

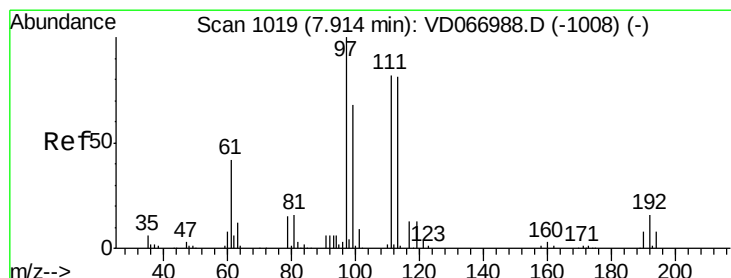
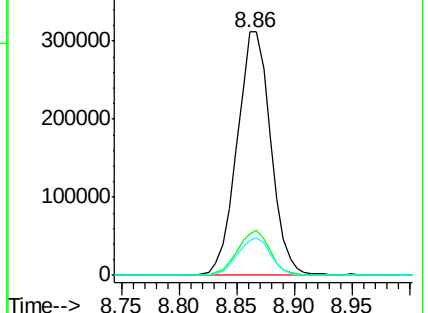
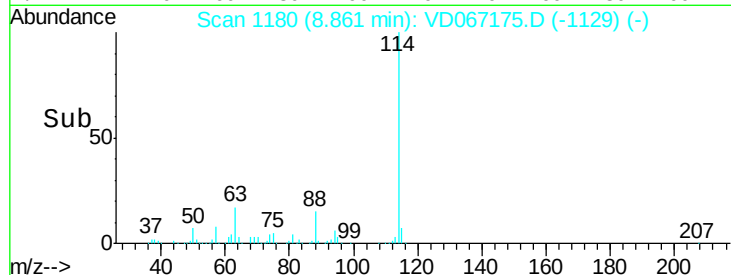
88 14.6 0.0 31.2



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: 48.878 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067175.D

Acq: 08 Oct 2020 02:58

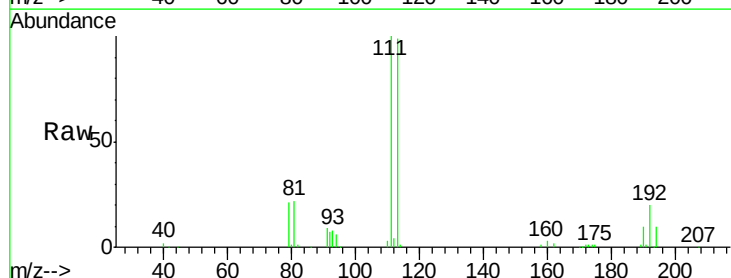
Tgt Ion:113 Resp: 202717

Ion Ratio Lower Upper

113 100

111 101.0 83.0 124.4

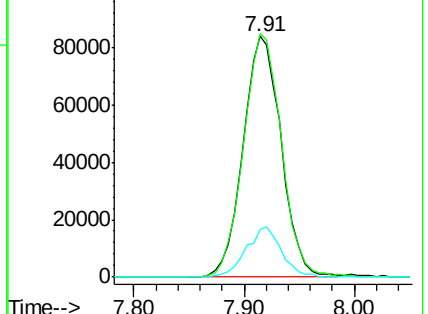
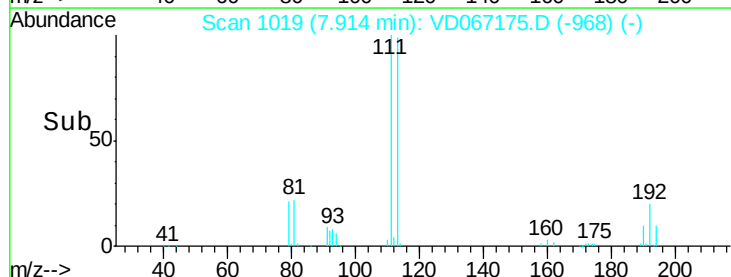
192 19.4 15.5 23.3

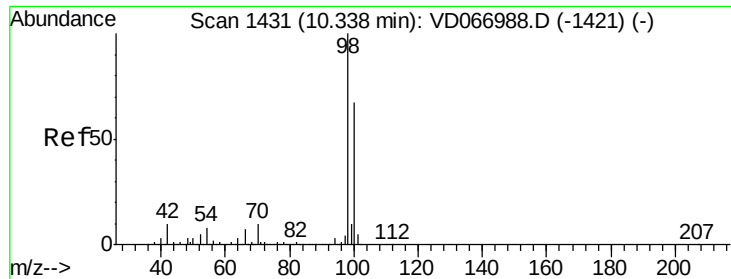


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.606 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067175.D

Acq: 08 Oct 2020 02:58

Instrument :

MSVOA_D

ClientSampleId :

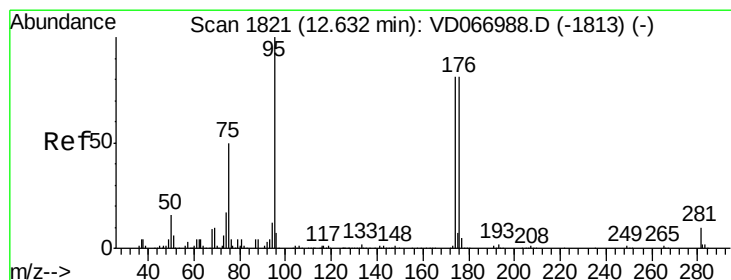
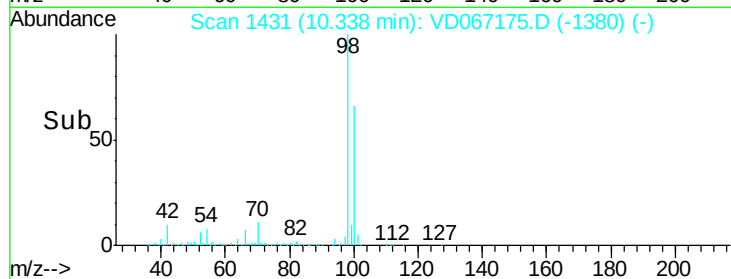
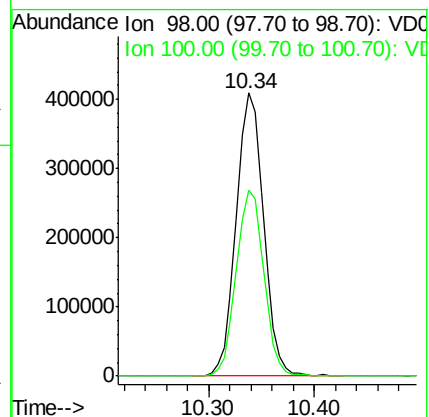
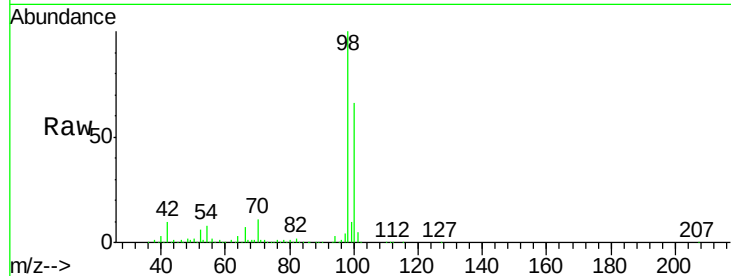
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Tot Ion: 98 Resp: 734576

Ion Ratio Lower Upper

98 100

100 66.3 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 48.503 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067175.D

Acq: 08 Oct 2020 02:58

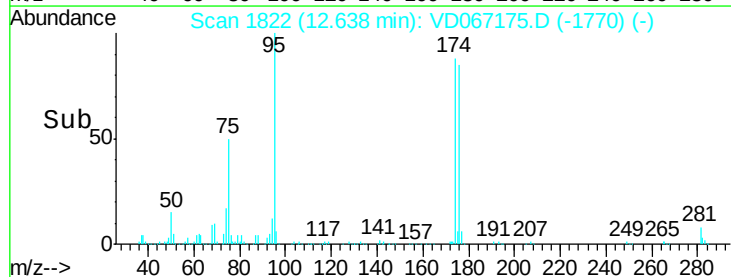
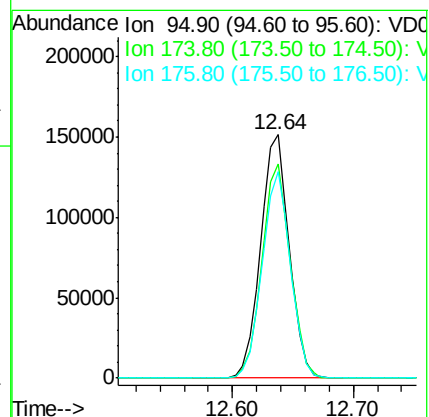
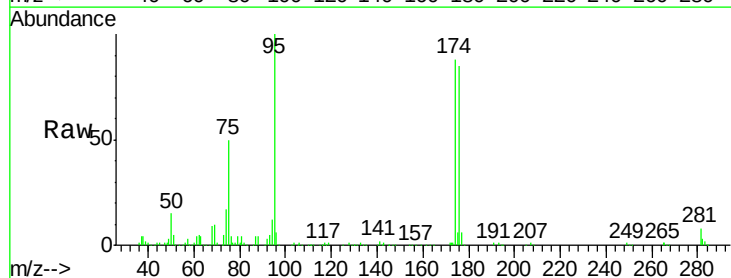
Tgt Ion: 95 Resp: 248842

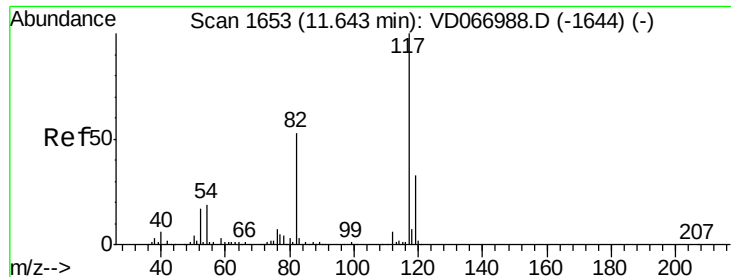
Ion Ratio Lower Upper

95 100

174 87.1 0.0 167.6

176 83.5 0.0 162.4

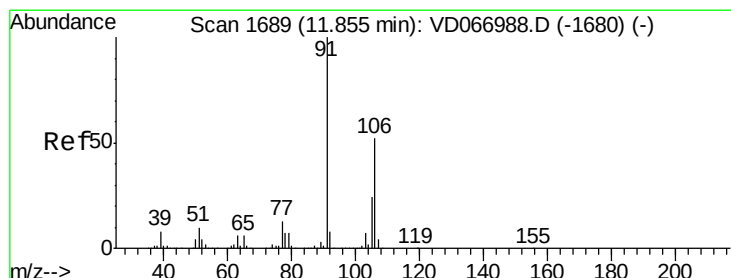
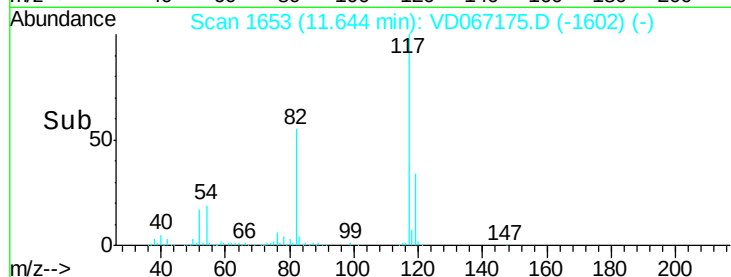
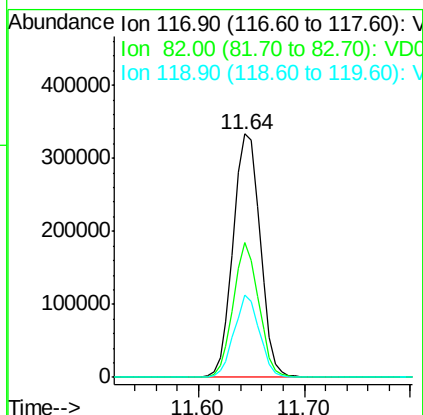
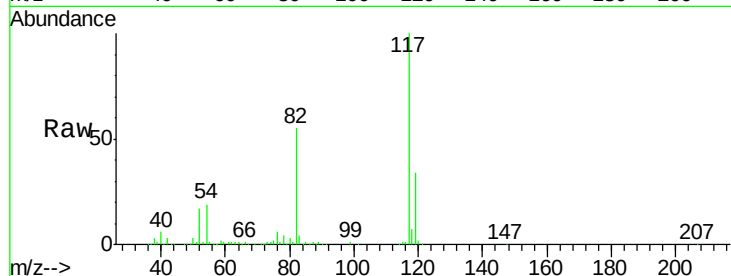




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067175.D
Acq: 08 Oct 2020 02:58

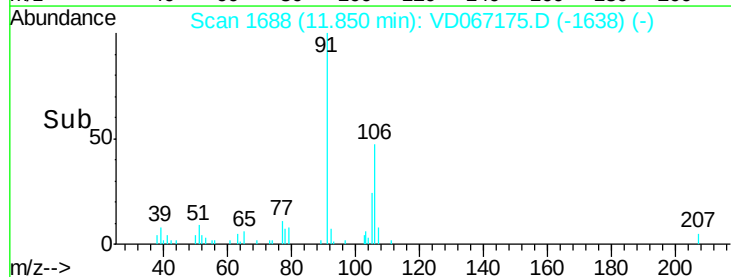
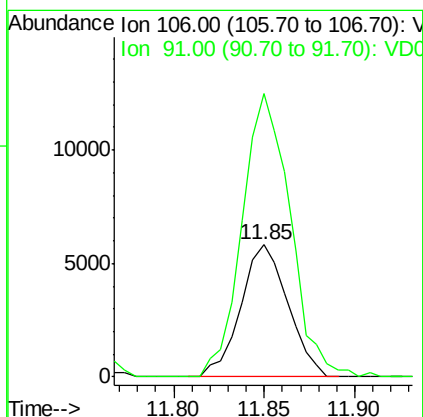
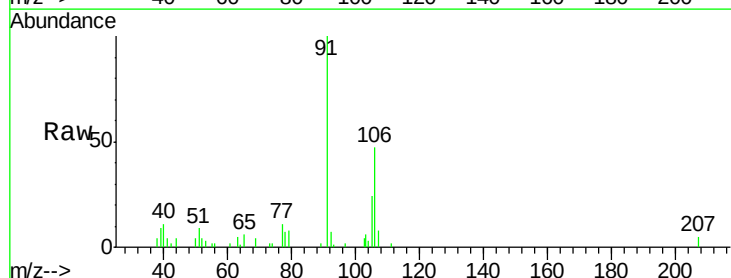
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ClientSampleId :
OWLS-HEAD-BH-02-A

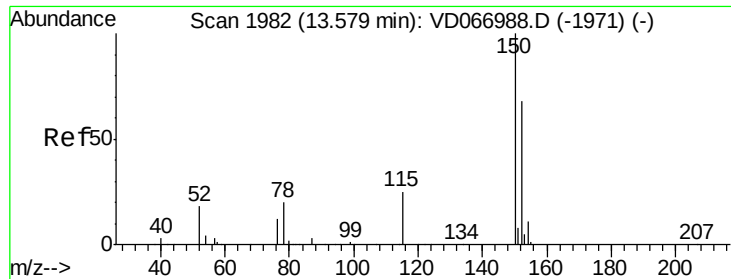
Tot Ion:117 Resp: 590521
Ion Ratio Lower Upper
117 100
82 55.3 42.6 63.8
119 33.9 26.3 39.5



#68
m/p-Xylenes
Concen: 1.341 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD067175.D
Acq: 08 Oct 2020 02:58

Tgt Ion:106 Resp: 10513
Ion Ratio Lower Upper
106 100
91 219.8 158.4 237.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VD067175.D
 Acq: 08 Oct 2020 02:58

Instrument :
 MSVOA_D
 ClientSampleId :
 OWLS-HEAD-BH-02-A

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.6	88.8
150	159.3	0.0	344.8

