

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\
 Data File : VD066462.D
 Acq On : 28 Aug 2020 16:18
 Operator : VA/SY
 Sample : L3823-10
 Misc : 7.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP13-0612-01

Quant Time: Aug 29 02:46:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	155061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	217100	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	202942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	101057	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	92365	60.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.52%	
35) Dibromofluoromethane	7.91	113	69728	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
50) Toluene-d8	10.34	98	257868	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.63	95	87050	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	

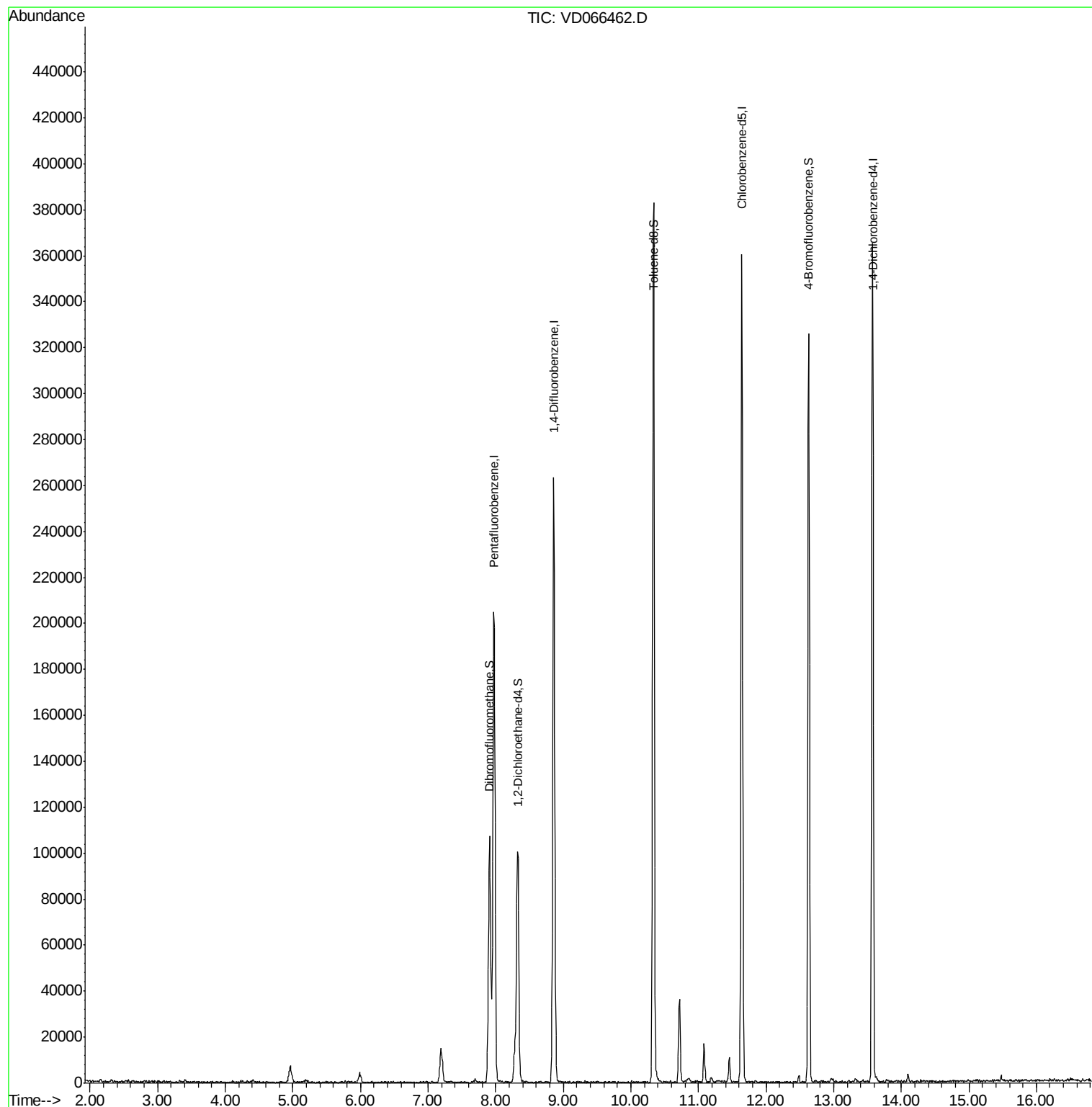
Target Compounds	Qvalue

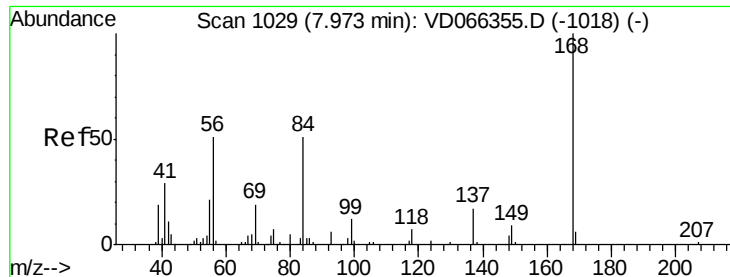
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 21 13:36:12 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

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Acq: 28 Aug 2020 16:18

Instrument :

MSVOA_D

ClientSampleId :

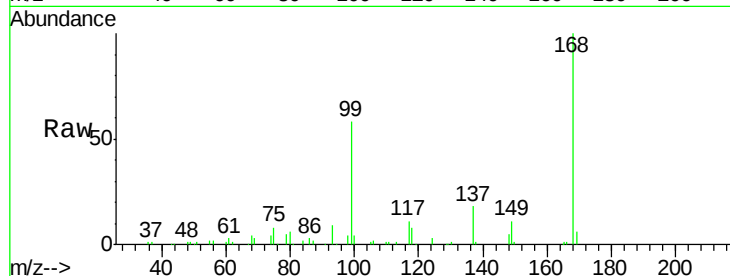
789UMR-TP13-0612-01

Tot Ion:168 Resp: 155061

Ion Ratio Lower Upper

168 100

99 58.4 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

60000

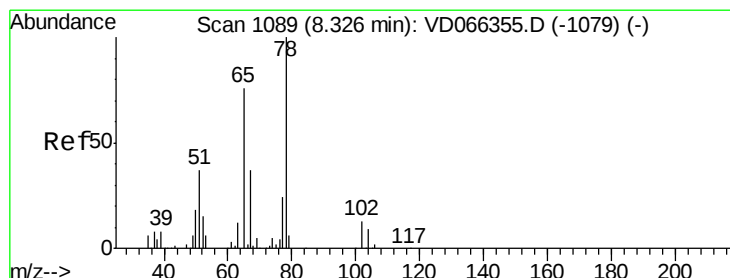
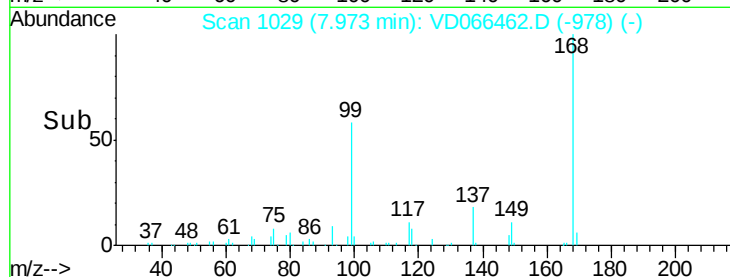
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.758 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066462.D

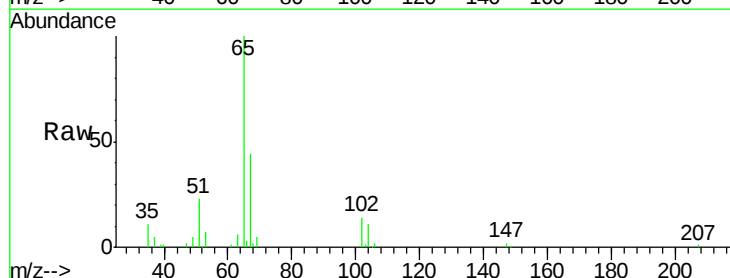
Acq: 28 Aug 2020 16:18

Tgt Ion: 65 Resp: 92365

Ion Ratio Lower Upper

65 100

67 45.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

40000

30000

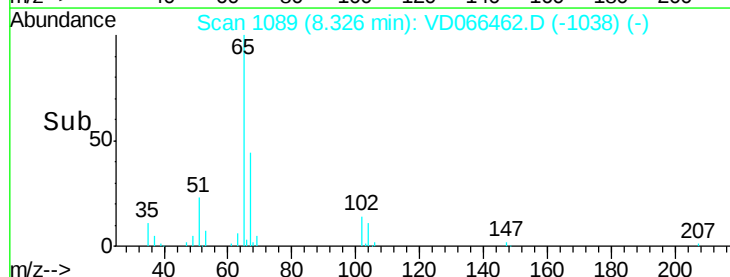
20000

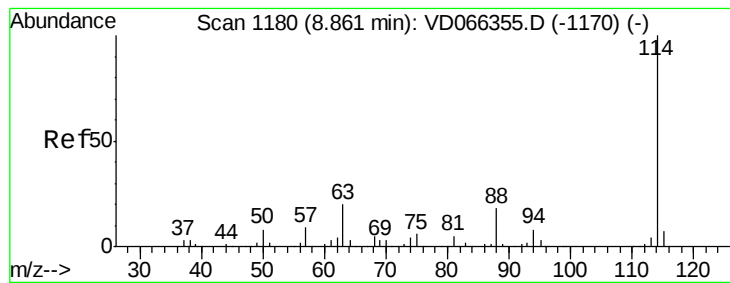
10000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066462.D

Acq: 28 Aug 2020 16:18

Instrument :

MSVOA_D

ClientSampleId :

789UMR-TP13-0612-01

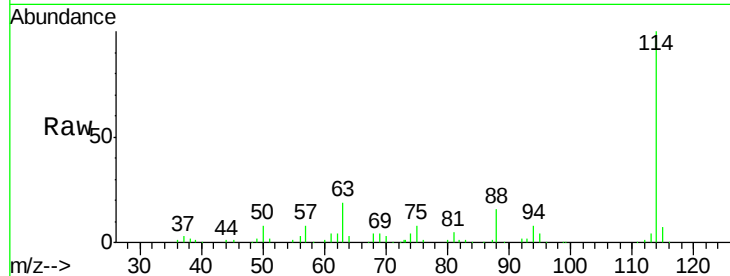
Tot Ion:114 Resp: 217100

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

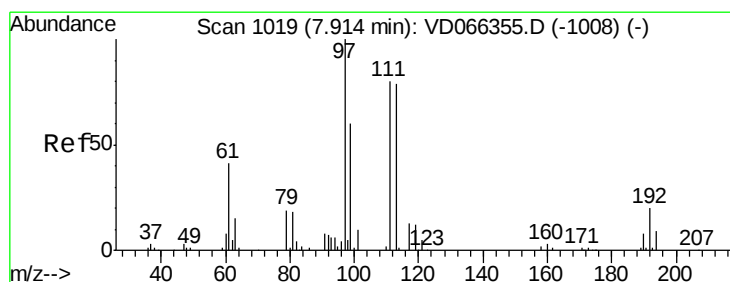
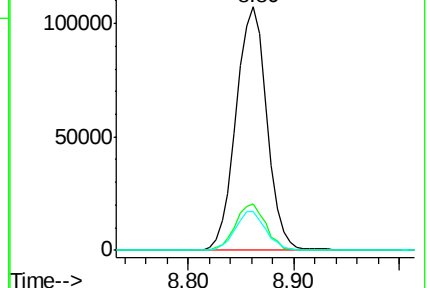
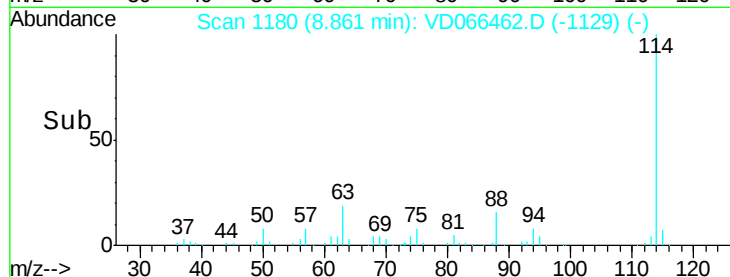
88 15.9 0.0 35.4



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: 51.363 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066462.D

Acq: 28 Aug 2020 16:18

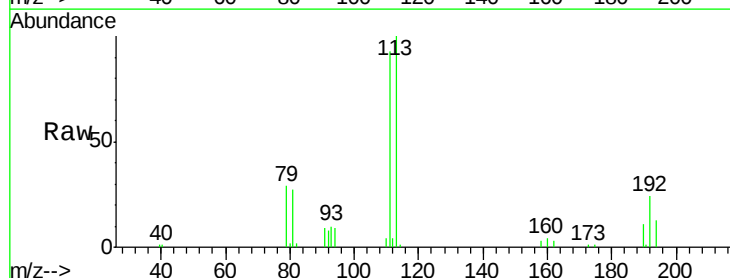
Tgt Ion:113 Resp: 69728

Ion Ratio Lower Upper

113 100

111 103.2 80.3 120.5

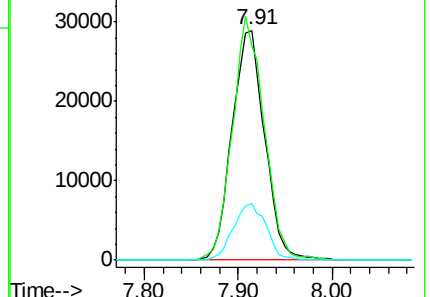
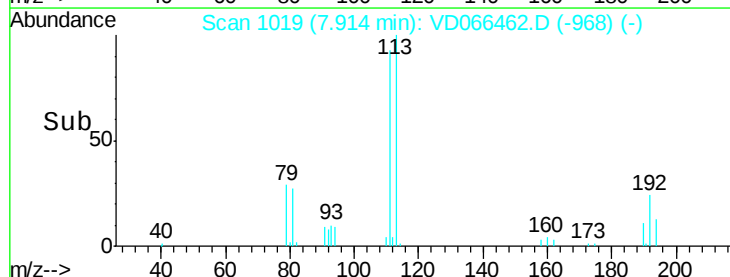
192 24.4 19.0 28.6

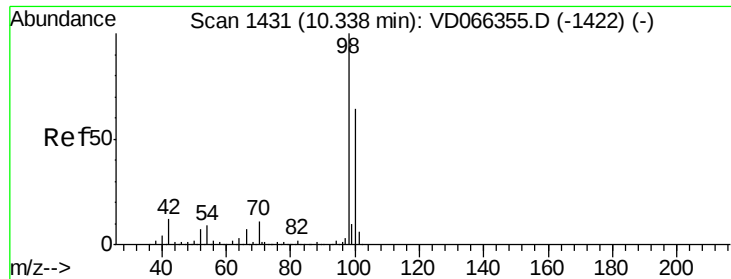


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.915 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066462.D

Acq: 28 Aug 2020 16:18

Instrument :

MSVOA_D

ClientSampleId :

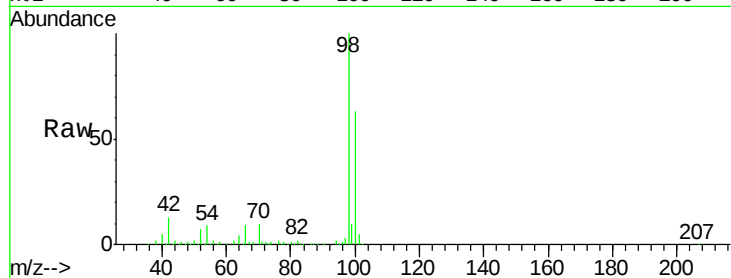
789UMR-TP13-0612-01

Tot Ion: 98 Resp: 257868

Ion Ratio Lower Upper

98 100

100 64.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

150000

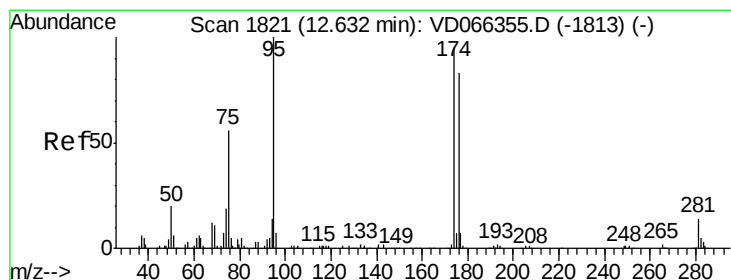
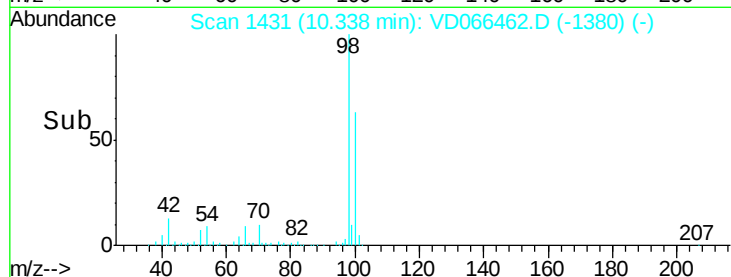
100000

50000

0

Time-->

10.30 10.40



#62

4-Bromofluorobenzene

Concen: 49.389 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066462.D

Acq: 28 Aug 2020 16:18

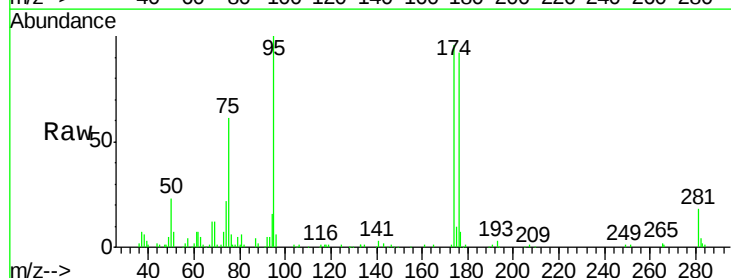
Tgt Ion: 95 Resp: 87050

Ion Ratio Lower Upper

95 100

174 98.5 0.0 183.4

176 94.2 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

60000

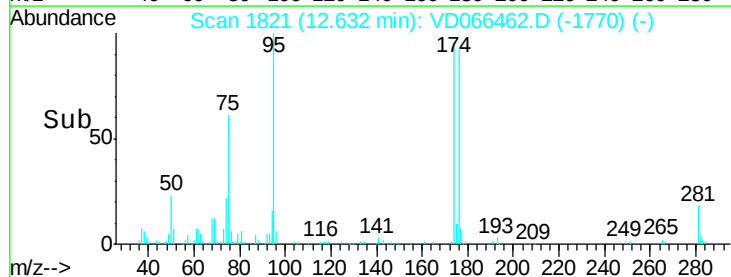
40000

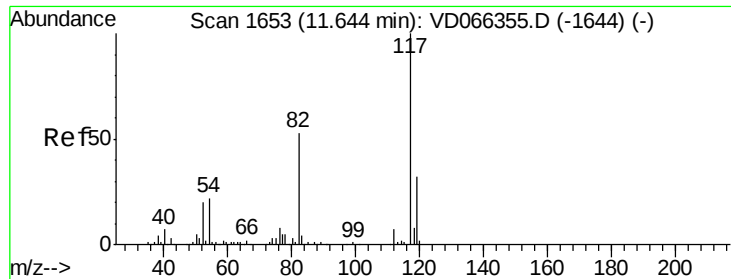
20000

0

Time-->

12.55 12.60 12.65 12.70

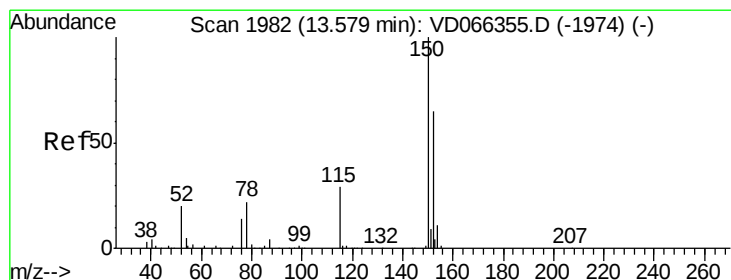
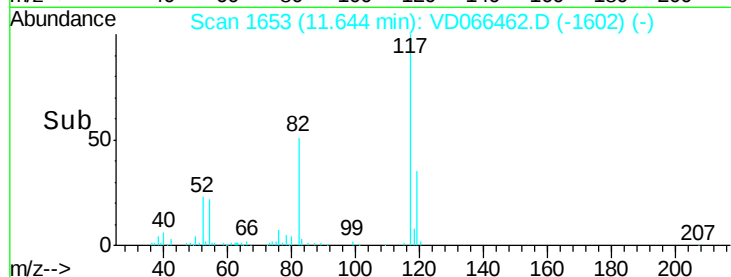
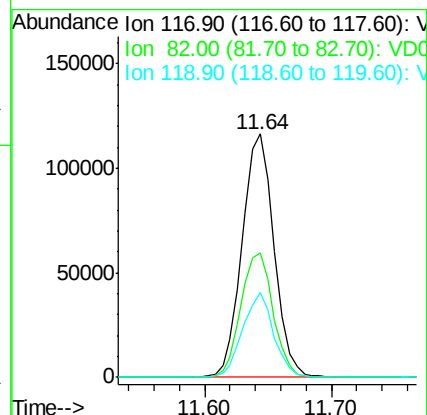
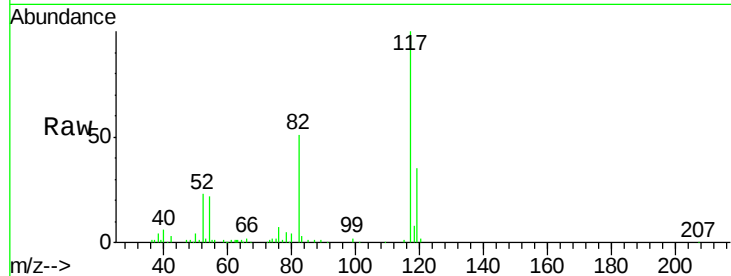




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066462.D
Acq: 28 Aug 2020 16:18

Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP13-0612-01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	42.8	64.2
119	34.8	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066462.D
Acq: 28 Aug 2020 16:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.3	85.0
150	155.1	0.0	343.2

