

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\
 Data File : VD066467.D
 Acq On : 28 Aug 2020 18:35
 Operator : VA/SY
 Sample : L3827-12
 Misc : 6.16G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP11-2430-01

Quant Time: Aug 29 01:59:13 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	190033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	255501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	238605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	122187	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	102097	54.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.60%	
35) Dibromofluoromethane	7.91	113	80475	50.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.74%	
50) Toluene-d8	10.33	98	298101	51.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.63	95	105666	50.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.88%	

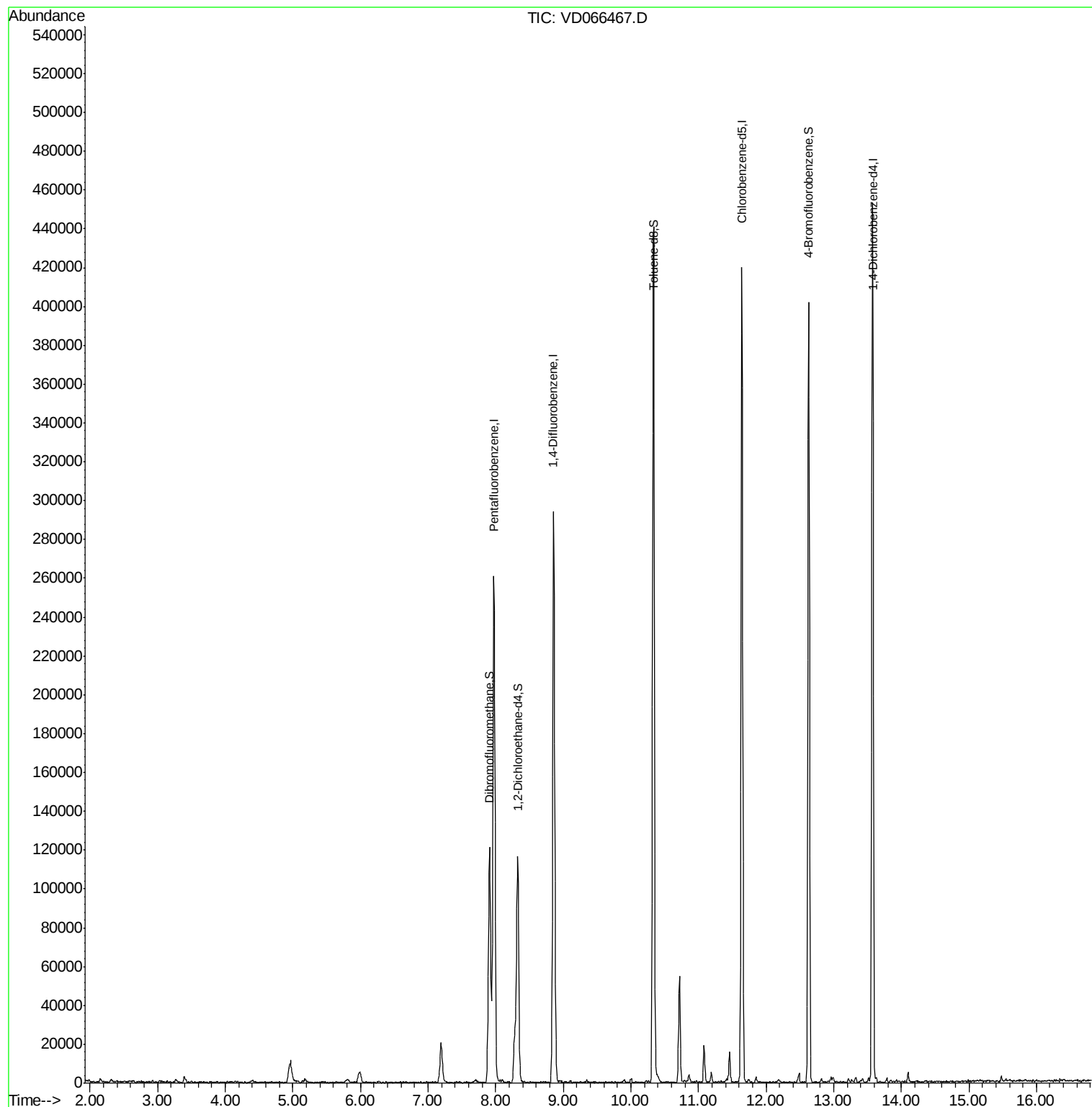
Target Compounds	Qvalue
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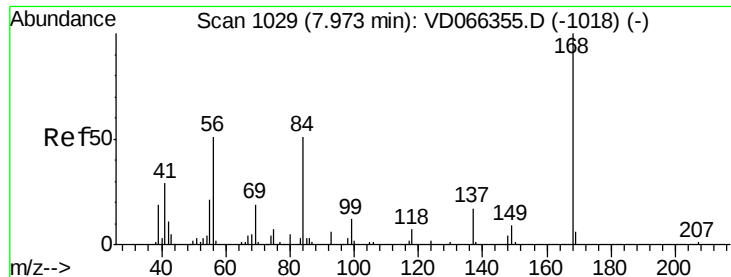
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration





#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 18:35

Instrument :

MSVOA_D

ClientSampleId :

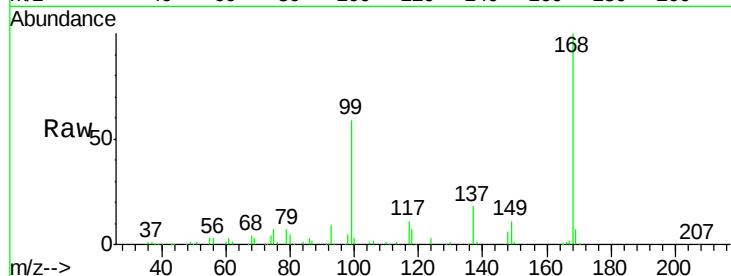
789UMR-TP11-2430-01

Tot Ion:168 Resp: 190033

Ion Ratio Lower Upper

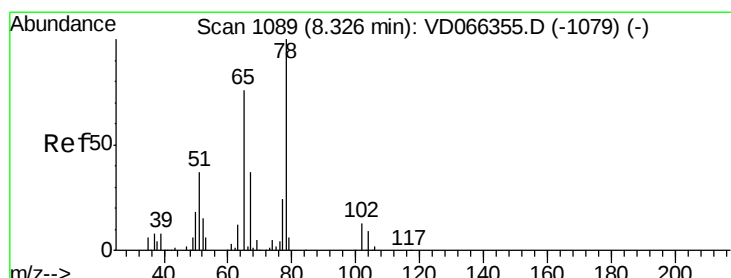
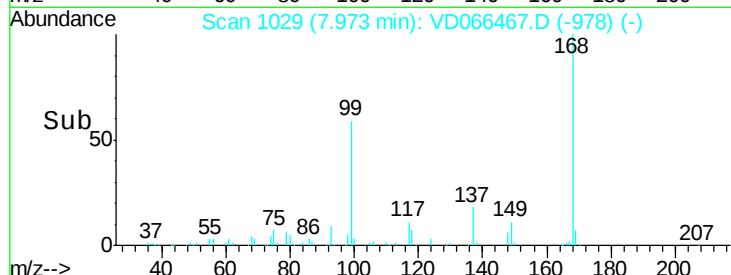
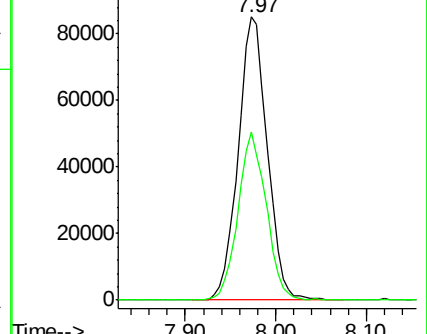
168 100

99 59.5 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 54.800 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066467.D

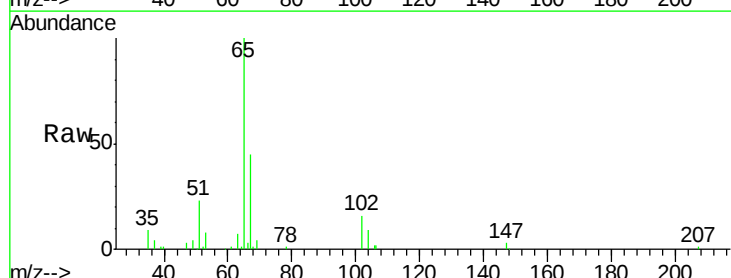
Acq: 28 Aug 2020 18:35

Tgt Ion: 65 Resp: 102097

Ion Ratio Lower Upper

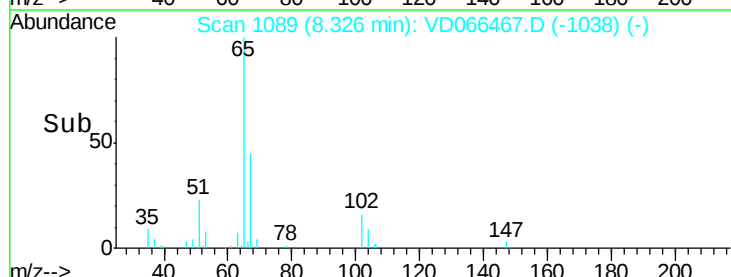
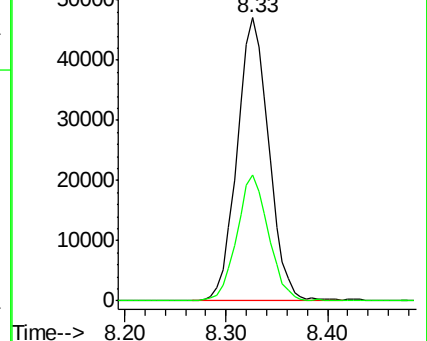
65 100

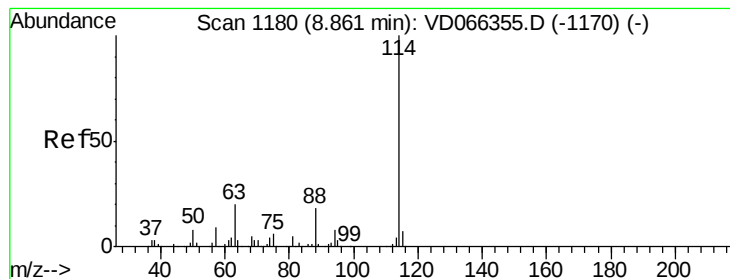
67 44.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VD066467.D

Acq: 28 Aug 2020 18:35

Instrument :

MSVOA_D

ClientSampleId :

789UMR-TP11-2430-01

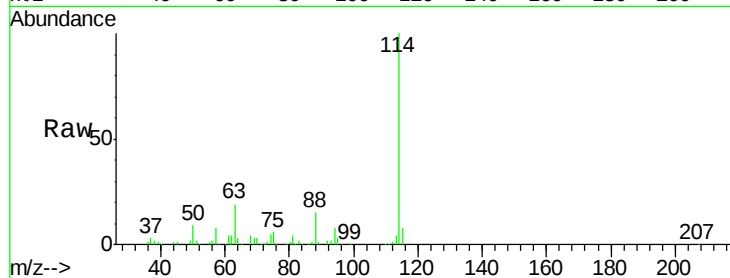
Tot Ion:114 Resp: 255501

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.8

88 15.0 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

150000

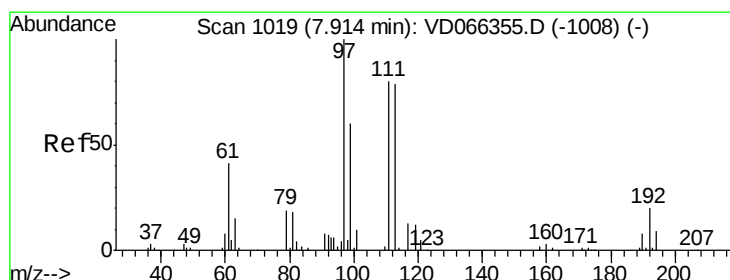
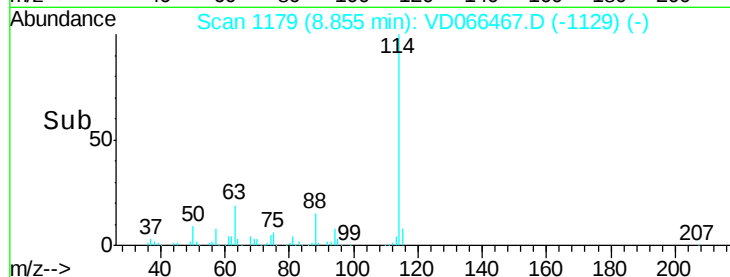
8.86

100000

50000

0

Time-->



#35

Dibromofluoromethane

Concen: 50.370 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066467.D

Acq: 28 Aug 2020 18:35

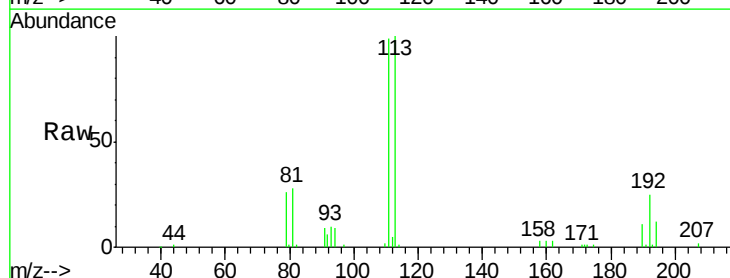
Tgt Ion:113 Resp: 80475

Ion Ratio Lower Upper

113 100

111 102.8 80.3 120.5

192 24.3 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

40000

7.91

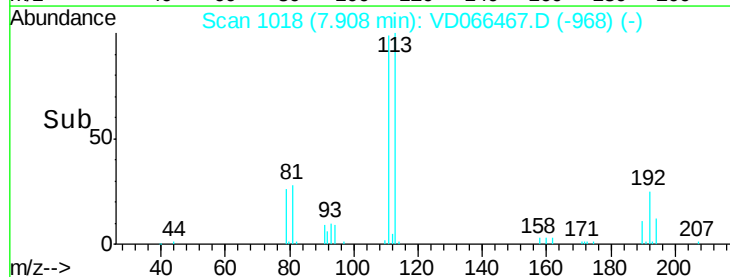
30000

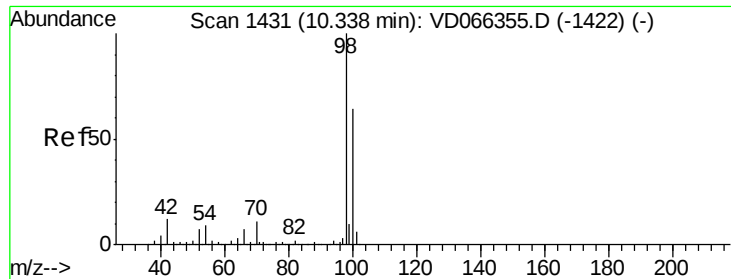
20000

10000

0

Time-->





#50

Toluene-d8

Concen: 50.995 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VD066467.D

Acq: 28 Aug 2020 18:35

Instrument :

MSVOA_D

ClientSampleId :

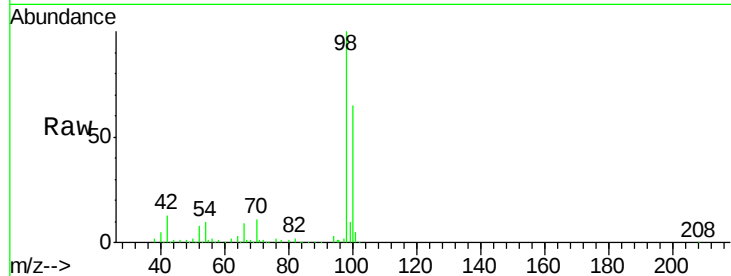
789UMR-TP11-2430-01

Tot Ion: 98 Resp: 298101

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VD066355.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD066355.D (-1422) (-)

10.33

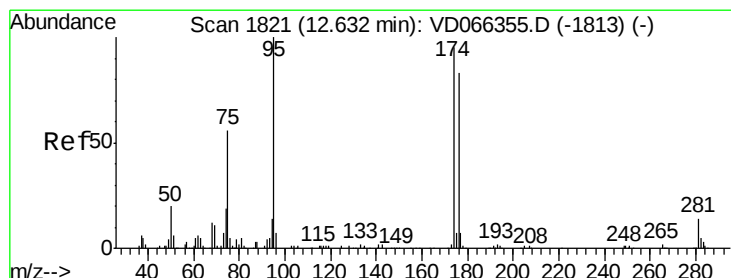
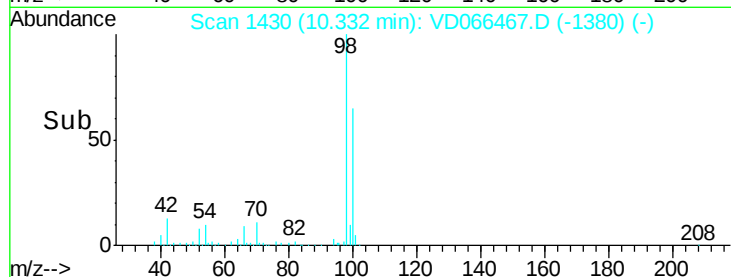
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 50.941 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066467.D

Acq: 28 Aug 2020 18:35

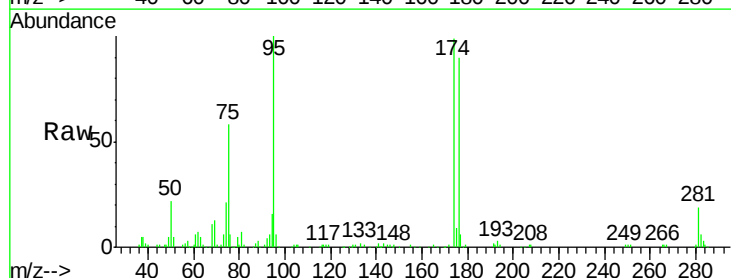
Tgt Ion: 95 Resp: 105666

Ion Ratio Lower Upper

95 100

174 98.6 0.0 183.4

176 92.2 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VD066355.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD066355.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066355.D (-1813) (-)

12.63

80000

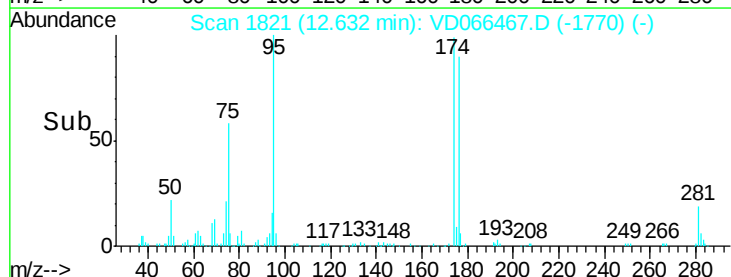
60000

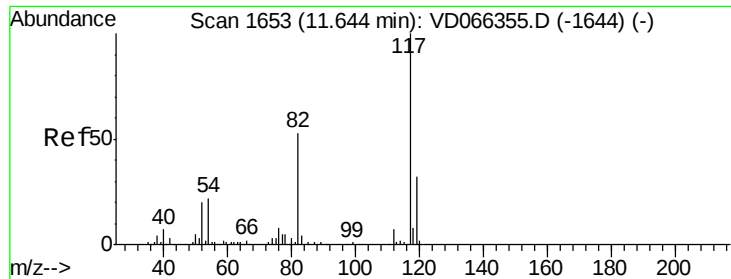
40000

20000

0

Time--> 12.55 12.60 12.65 12.70

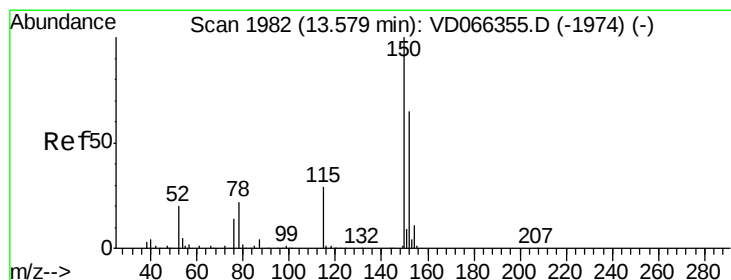
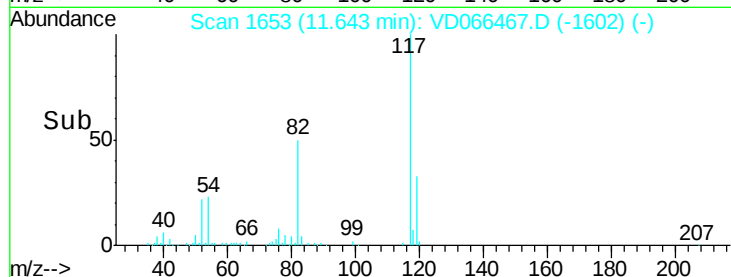
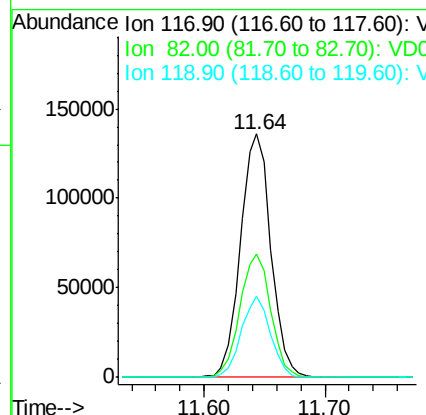
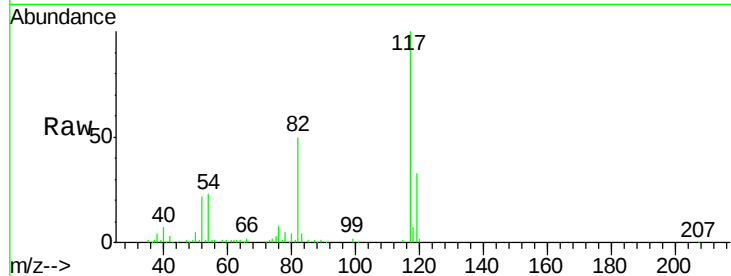




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066467.D
Acq: 28 Aug 2020 18:35

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Tot Ion:117 Resp: 238605
Ion Ratio Lower Upper
117 100
82 50.4 42.8 64.2
119 33.0 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: VD066467.D
Acq: 28 Aug 2020 18:35

Tgt Ion:152 Resp: 122187
Ion Ratio Lower Upper
152 100
115 58.0 28.3 85.0
150 156.7 0.0 343.2

