

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\
 Data File : VD066466.D
 Acq On : 28 Aug 2020 18:08
 Operator : VA/SY
 Sample : L3827-11
 Misc : 6.55G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP11-0612-01

Quant Time: Aug 29 01:56:46 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	188632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	259887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	235045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	121015	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	101155	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
35) Dibromofluoromethane	7.91	113	78727	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	10.34	98	295815	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.63	95	101651	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	

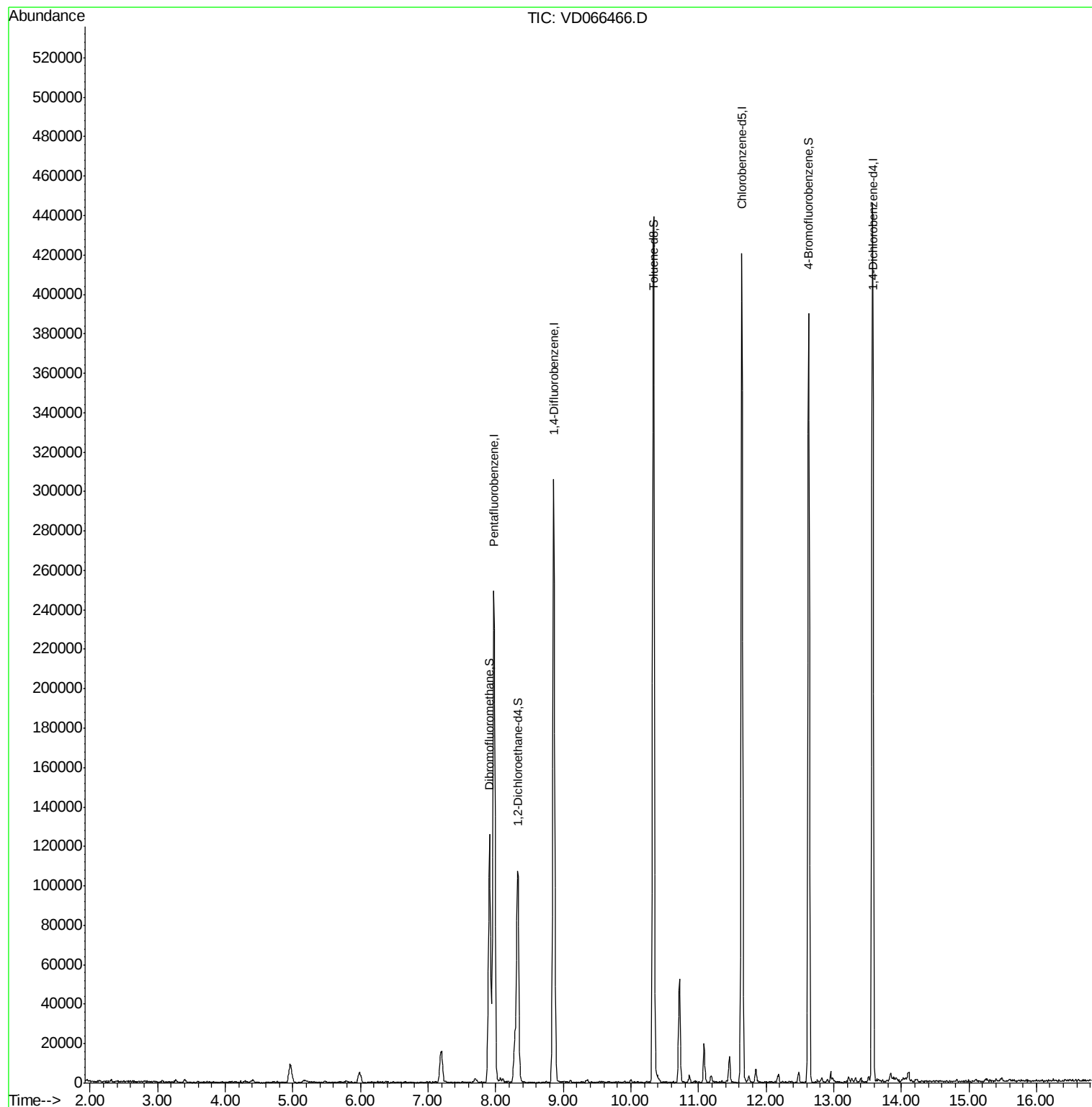
Target Compounds	Qvalue

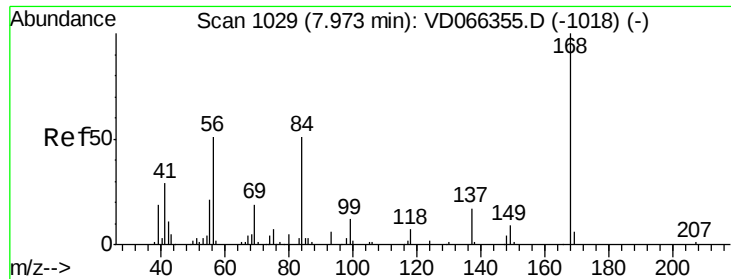
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082820\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066466.D

Acq: 28 Aug 2020 18:08

Instrument :

MSVOA_D

ClientSampleId :

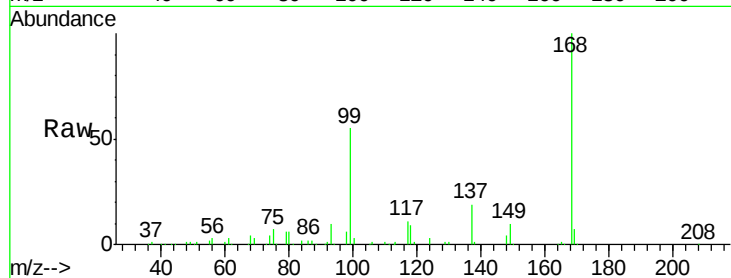
789UMR-TP11-0612-01

Tot Ion:168 Resp: 188632

Ion Ratio Lower Upper

168 100

99 54.6 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

80000

60000

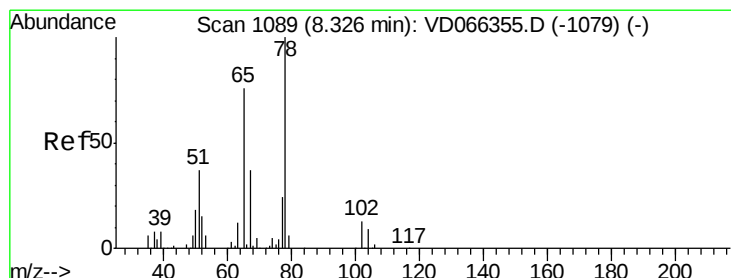
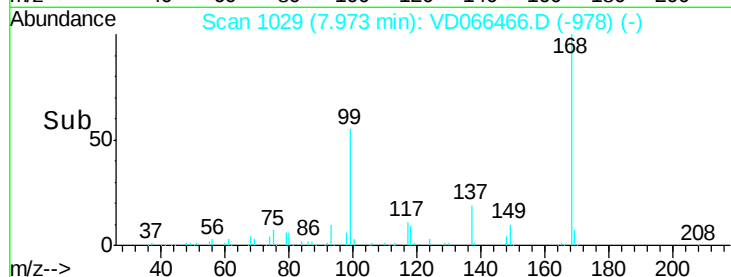
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.698 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066466.D

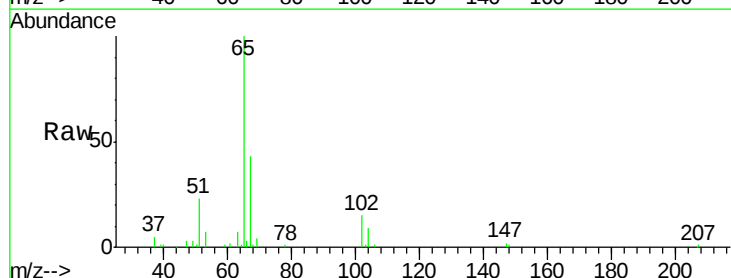
Acq: 28 Aug 2020 18:08

Tgt Ion: 65 Resp: 101155

Ion Ratio Lower Upper

65 100

67 44.1 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

50000

40000

30000

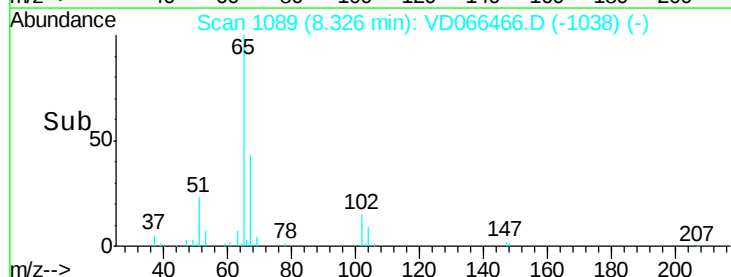
20000

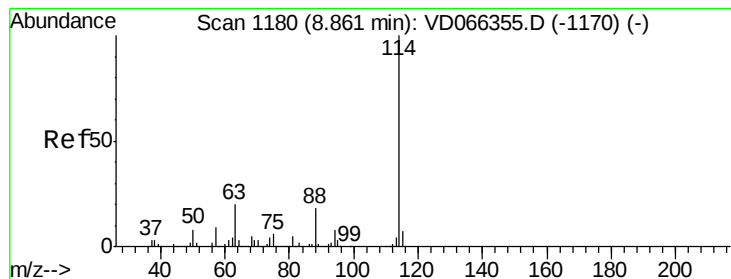
10000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VD066466.D

Acq: 28 Aug 2020 18:08

Instrument :

MSVOA_D

ClientSampleId :

789UMR-TP11-0612-01

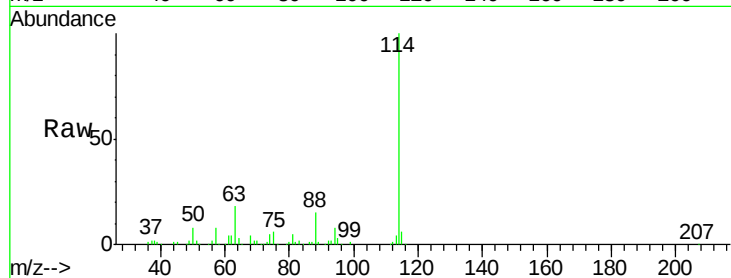
Tot Ion:114 Resp: 259887

Ion Ratio Lower Upper

114 100

63 17.8 0.0 40.8

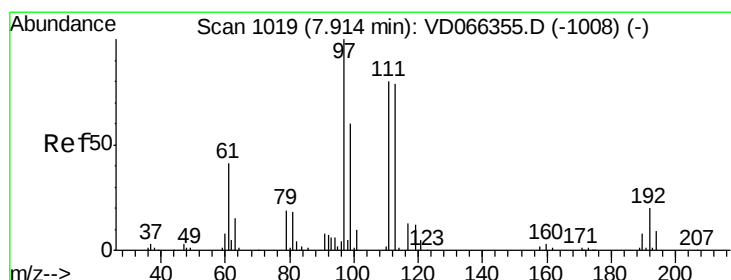
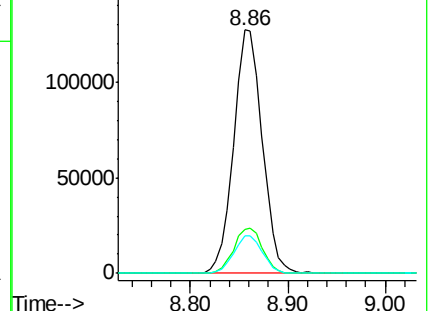
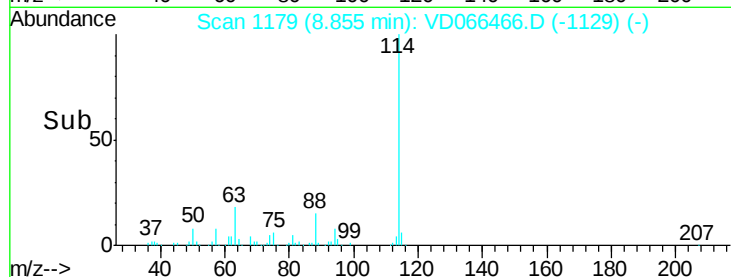
88 15.3 0.0 35.4



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: 48.444 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066466.D

Acq: 28 Aug 2020 18:08

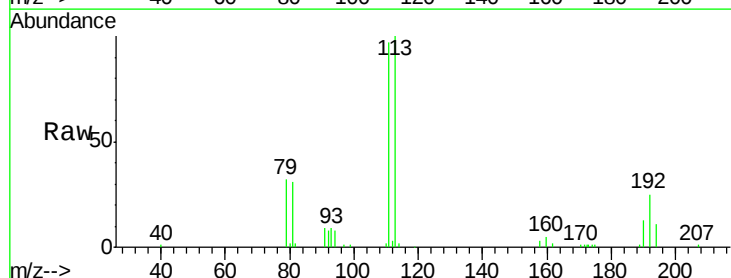
Tgt Ion:113 Resp: 78727

Ion Ratio Lower Upper

113 100

111 101.6 80.3 120.5

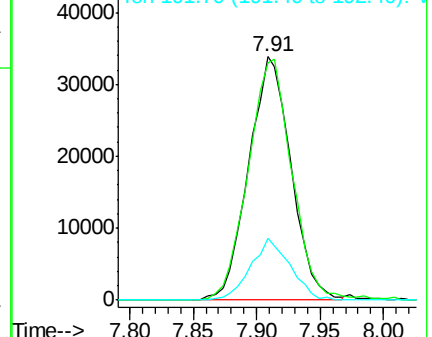
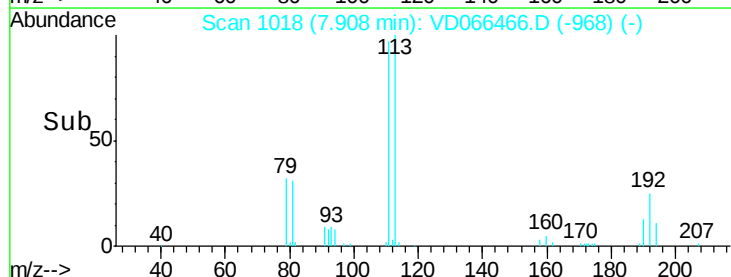
192 23.6 19.0 28.6

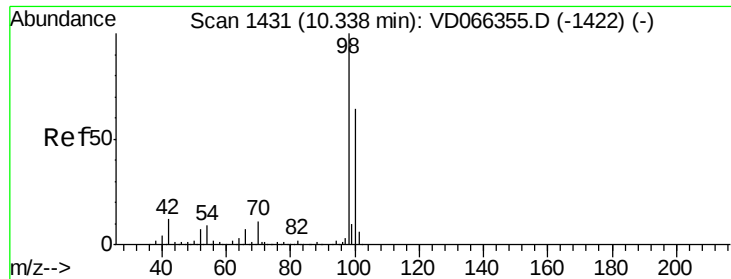


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.750 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066466.D

Acq: 28 Aug 2020 18:08

Instrument :

MSVOA_D

ClientSampleId :

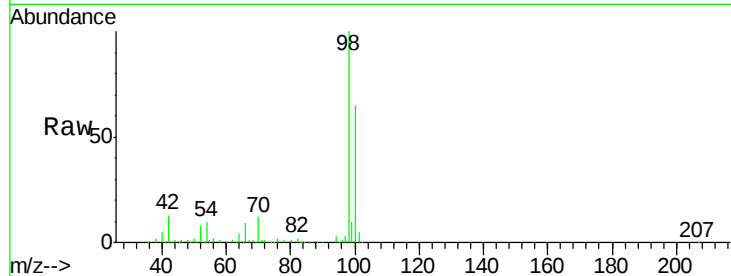
789UMR-TP11-0612-01

Tot Ion: 98 Resp: 295815

Ion Ratio Lower Upper

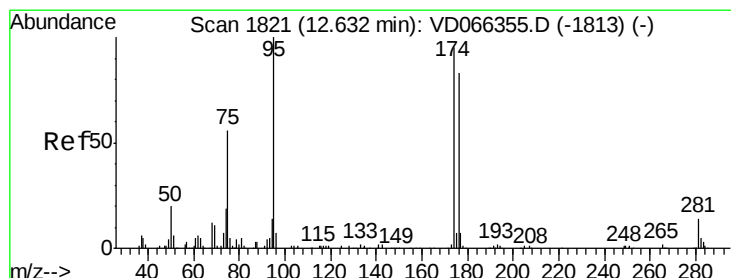
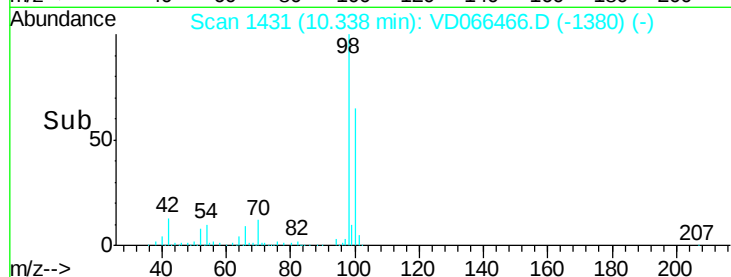
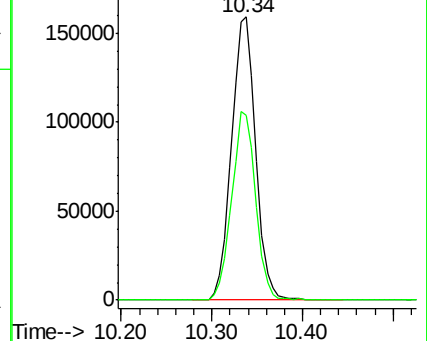
98 100

100 66.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 48.178 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066466.D

Acq: 28 Aug 2020 18:08

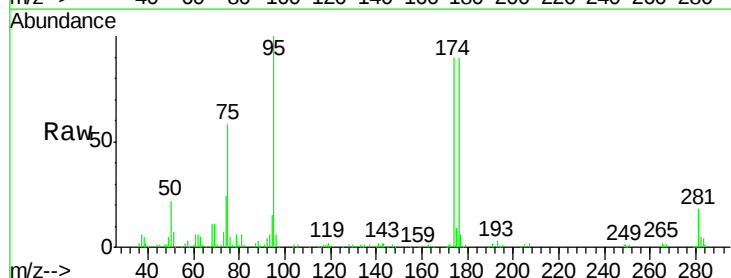
Tgt Ion: 95 Resp: 101651

Ion Ratio Lower Upper

95 100

174 94.7 0.0 183.4

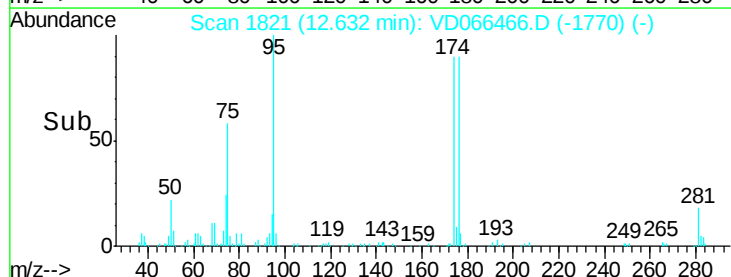
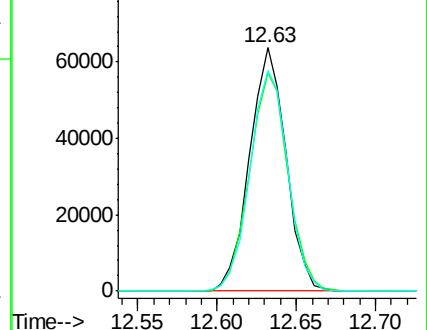
176 94.1 0.0 173.8

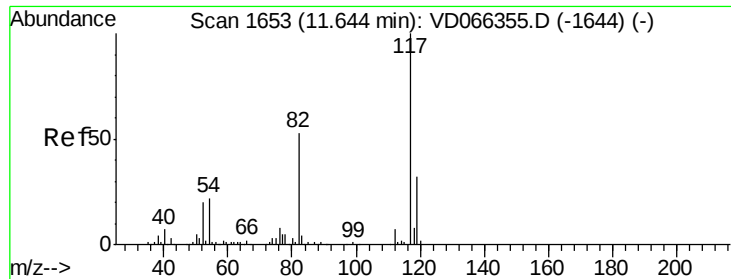


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

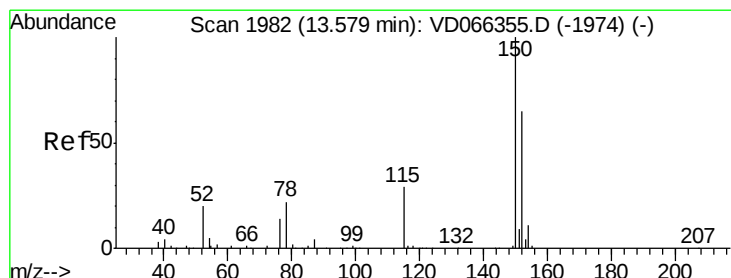
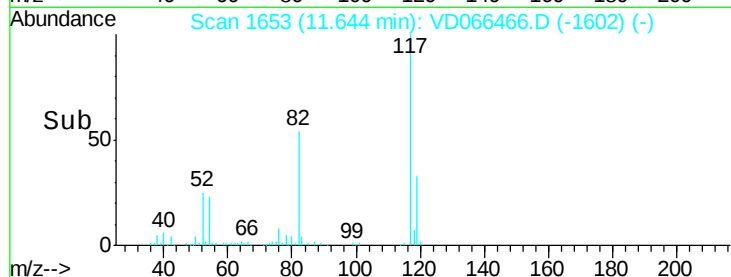
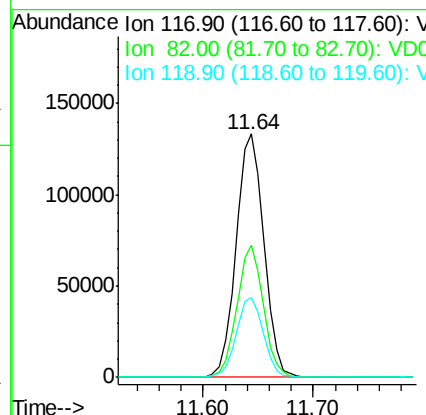
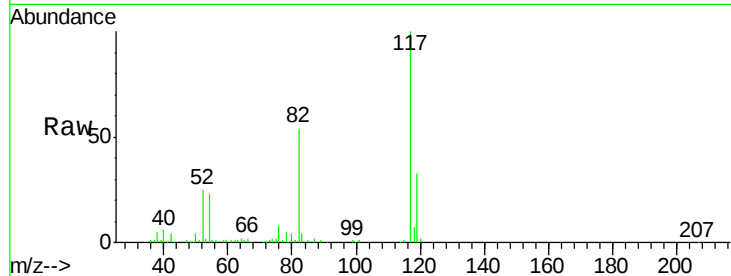




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066466.D
Acq: 28 Aug 2020 18:08

Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP11-0612-01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.8	64.2
119	32.9	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: VD066466.D
Acq: 28 Aug 2020 18:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.3	85.0
150	157.9	0.0	343.2

