

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066916.D
 Acq On : 28 Sep 2020 16:32
 Operator : VA/SY
 Sample : L4173-09
 Misc : 4.24G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-(3FT)

Quant Time: Sep 29 01:56:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	2776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	3804	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	3697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	1191	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	1814	66.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.52%	
35) Dibromofluoromethane	7.92	113	679	28.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.12%	
50) Toluene-d8	10.34	98	3898	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
62) 4-Bromofluorobenzene	12.63	95	1636	57.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.92%	

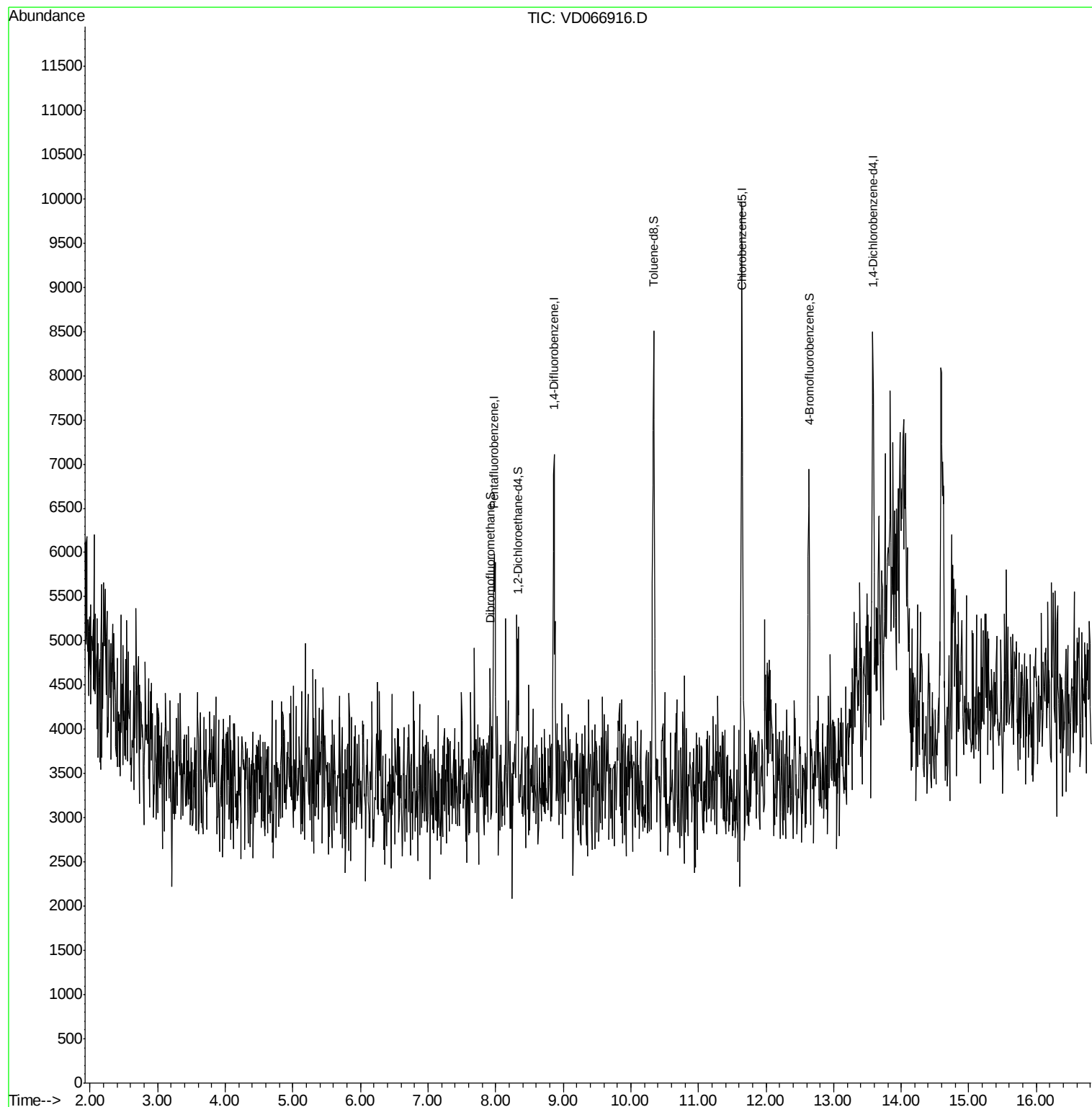
Target Compounds	Qvalue

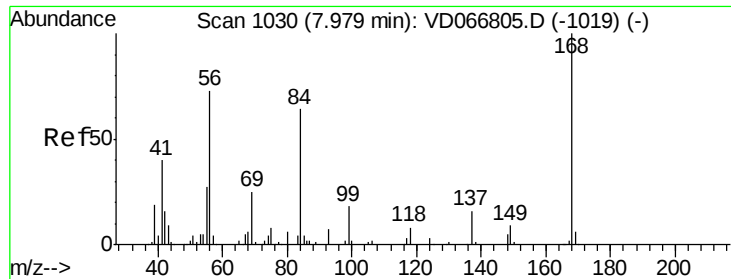
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066916.D

Acq: 28 Sep 2020 16:32

Instrument :

MSVOA_D

ClientSampleId :

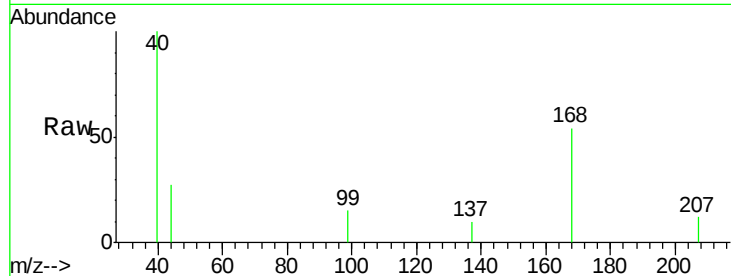
TP-3-(3FT)

Tot Ion:168 Resp: 2776

Ion Ratio Lower Upper

168 100

99 27.3 46.6 69.8#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

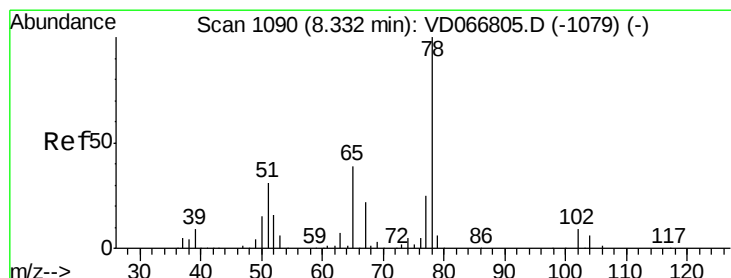
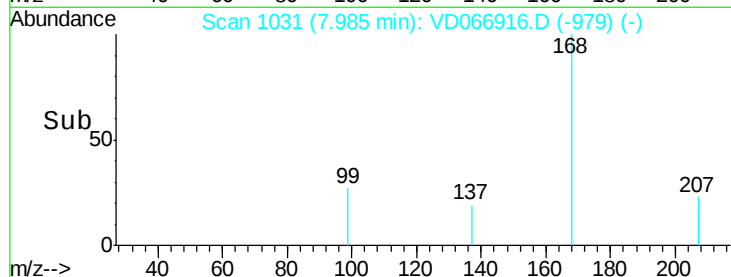
1500

1000

500

0

Time--> 7.90 7.95 8.00



#33

1,2-Dichloroethane-d4

Concen: 66.764 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066916.D

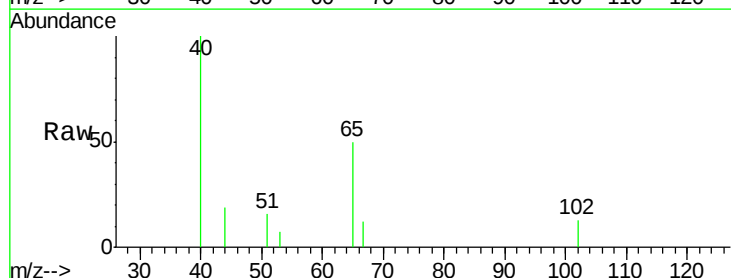
Acq: 28 Sep 2020 16:32

Tgt Ion: 65 Resp: 1814

Ion Ratio Lower Upper

65 100

67 56.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

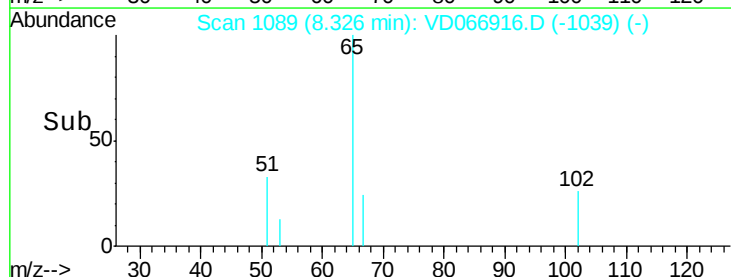
8.33

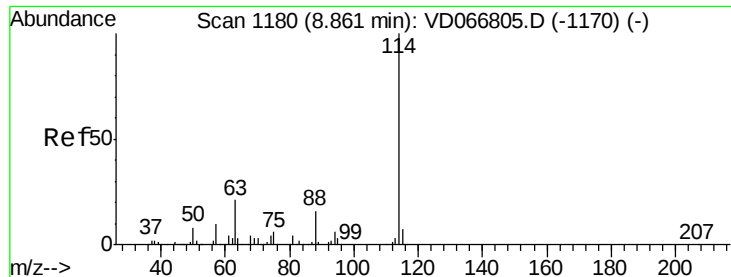
1000

500

0

Time--> 8.30 8.35

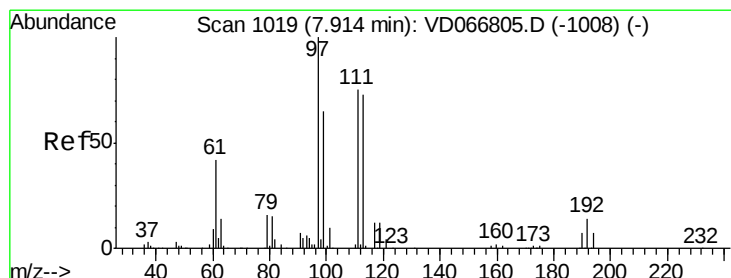
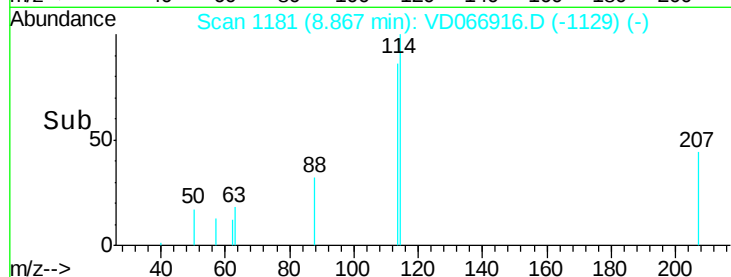
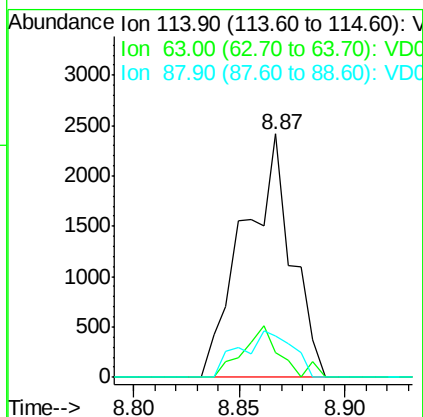
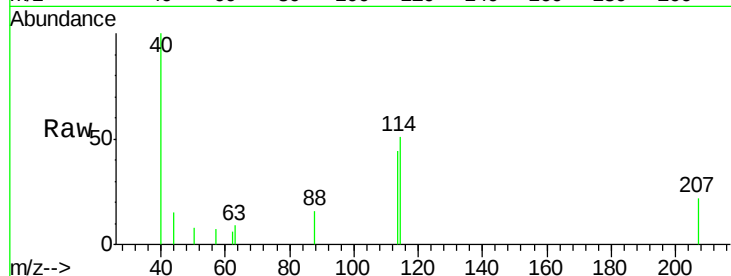




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD066916.D
 Acq: 28 Sep 2020 16:32

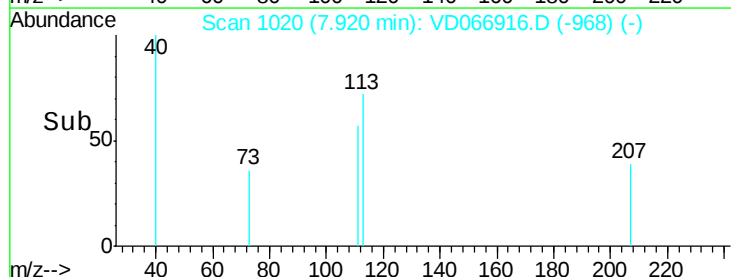
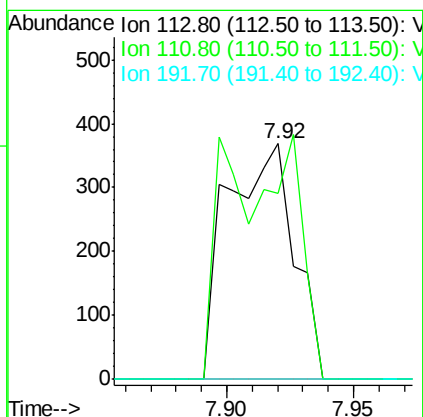
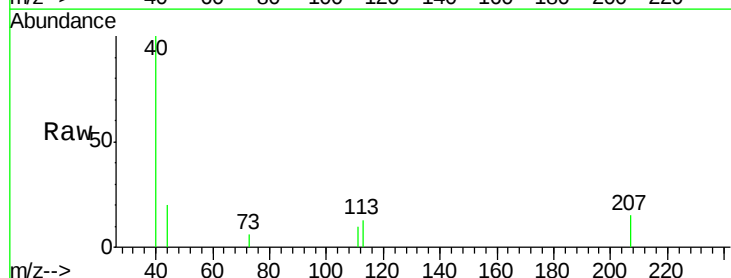
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-(3FT)

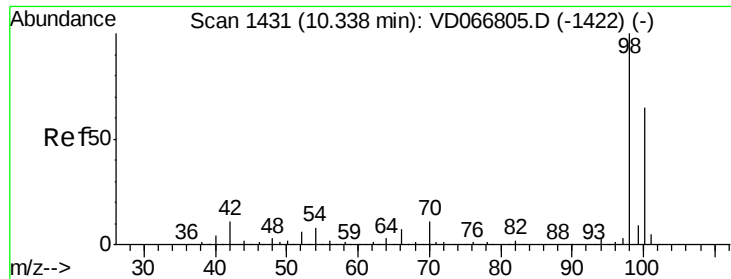
Tot Ion:114 Resp: 3804
 Ion Ratio Lower Upper
 114 100
 63 9.9 0.0 42.6
 88 16.9 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 28.057 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD066916.D
 Acq: 28 Sep 2020 16:32

Tgt Ion:113 Resp: 679
 Ion Ratio Lower Upper
 113 100
 111 0.0 81.8 122.8#
 192 0.0 14.4 21.6#





#50

Toluene-d8

Concen: 47.273 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066916.D

Acq: 28 Sep 2020 16:32

Instrument :

MSVOA_D

ClientSampleId :

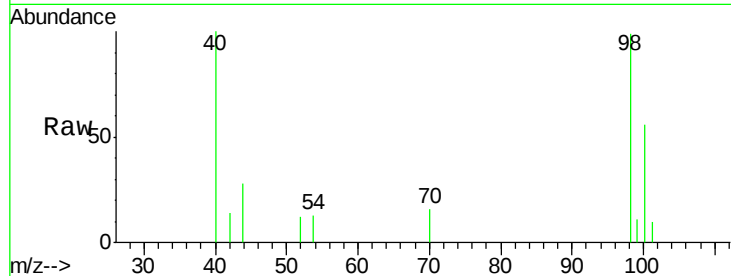
TP-3-(3FT)

Tot Ion: 98 Resp: 3898

Ion Ratio Lower Upper

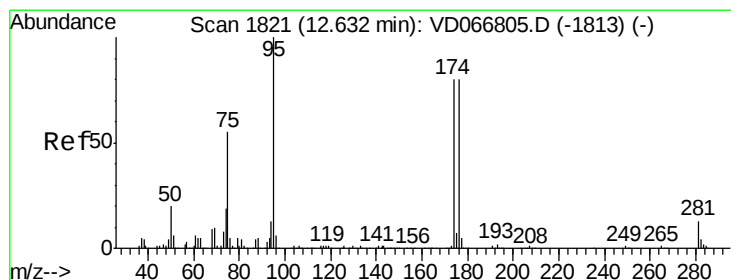
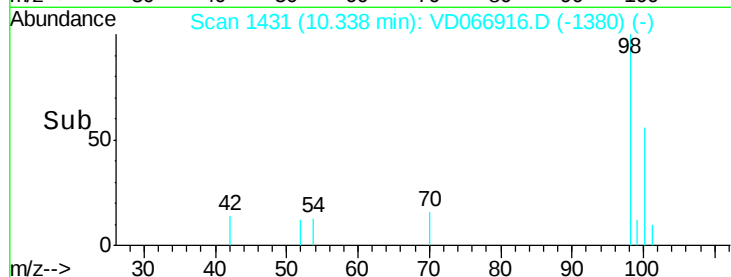
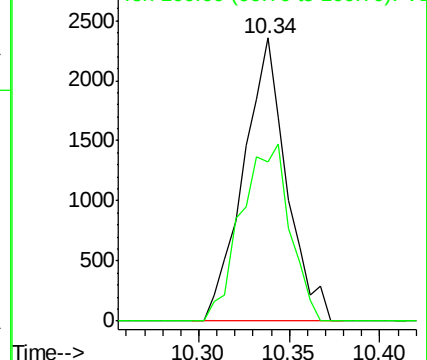
98 100

100 70.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 57.957 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066916.D

Acq: 28 Sep 2020 16:32

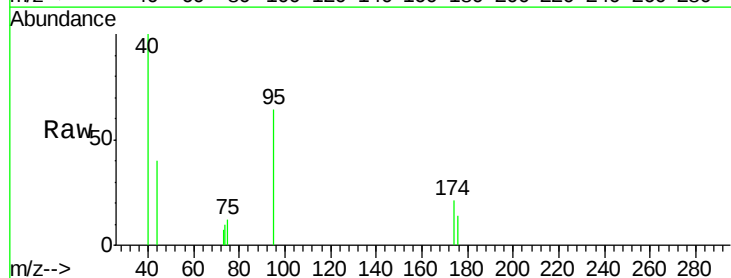
Tgt Ion: 95 Resp: 1636

Ion Ratio Lower Upper

95 100

174 70.7 0.0 159.8

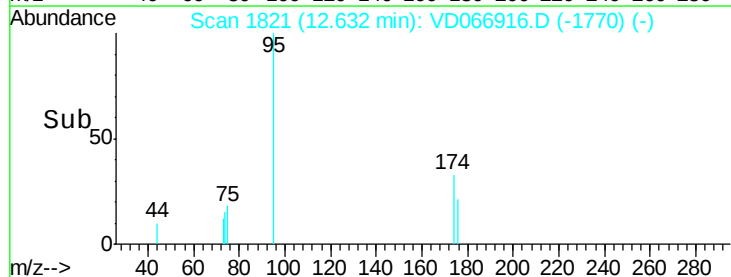
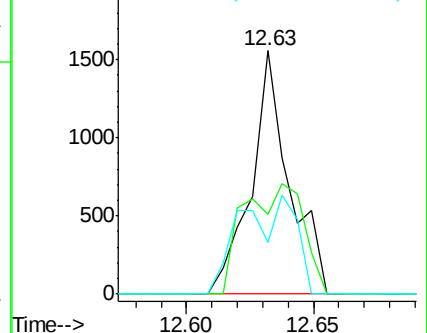
176 34.4 0.0 154.4

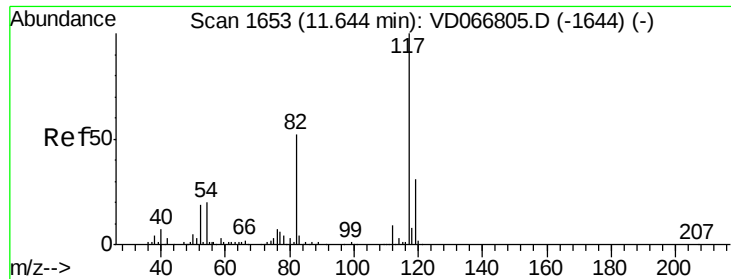


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

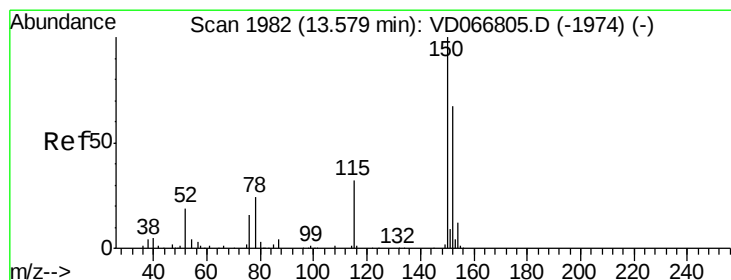
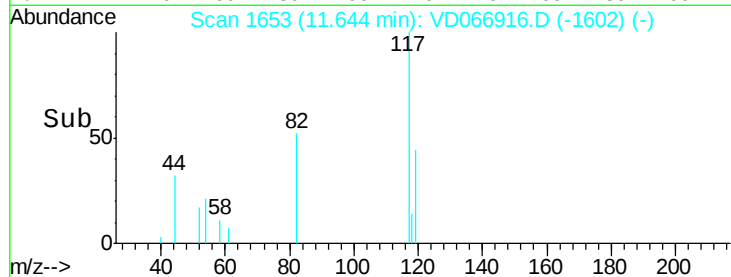
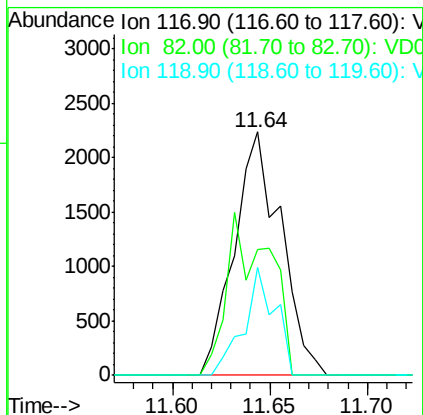
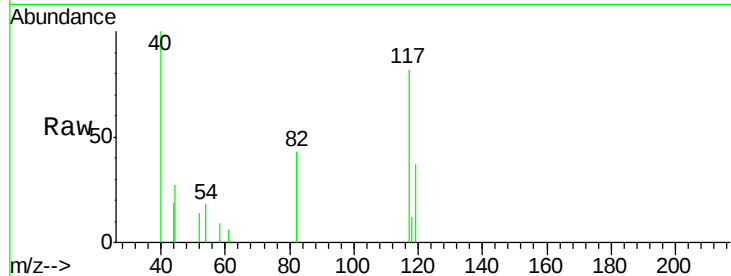




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066916.D
Acq: 28 Sep 2020 16:32

Instrument :
MSVOA_D
ClientSampleId :
TP-3-(3FT)

Tot Ion:117 Resp: 3697
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.6
119 44.4 24.6 37.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066916.D
Acq: 28 Sep 2020 16:32

Tgt Ion:152 Resp: 1191
Ion Ratio Lower Upper
152 100
115 93.4 30.3 91.0#
150 144.0 0.0 346.2

