

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066871.D
 Acq On : 25 Sep 2020 13:53
 Operator : VA/SY
 Sample : L4152-06
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WR-PILE-5-7

Quant Time: Sep 26 03:44:20 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	7.98	168	399204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	700628	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	694492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	327834	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	204520	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
35) Dibromofluoromethane	7.91	113	214201	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	10.34	98	852171	56.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.22%	
62) 4-Bromofluorobenzene	12.63	95	300174	57.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.48%	

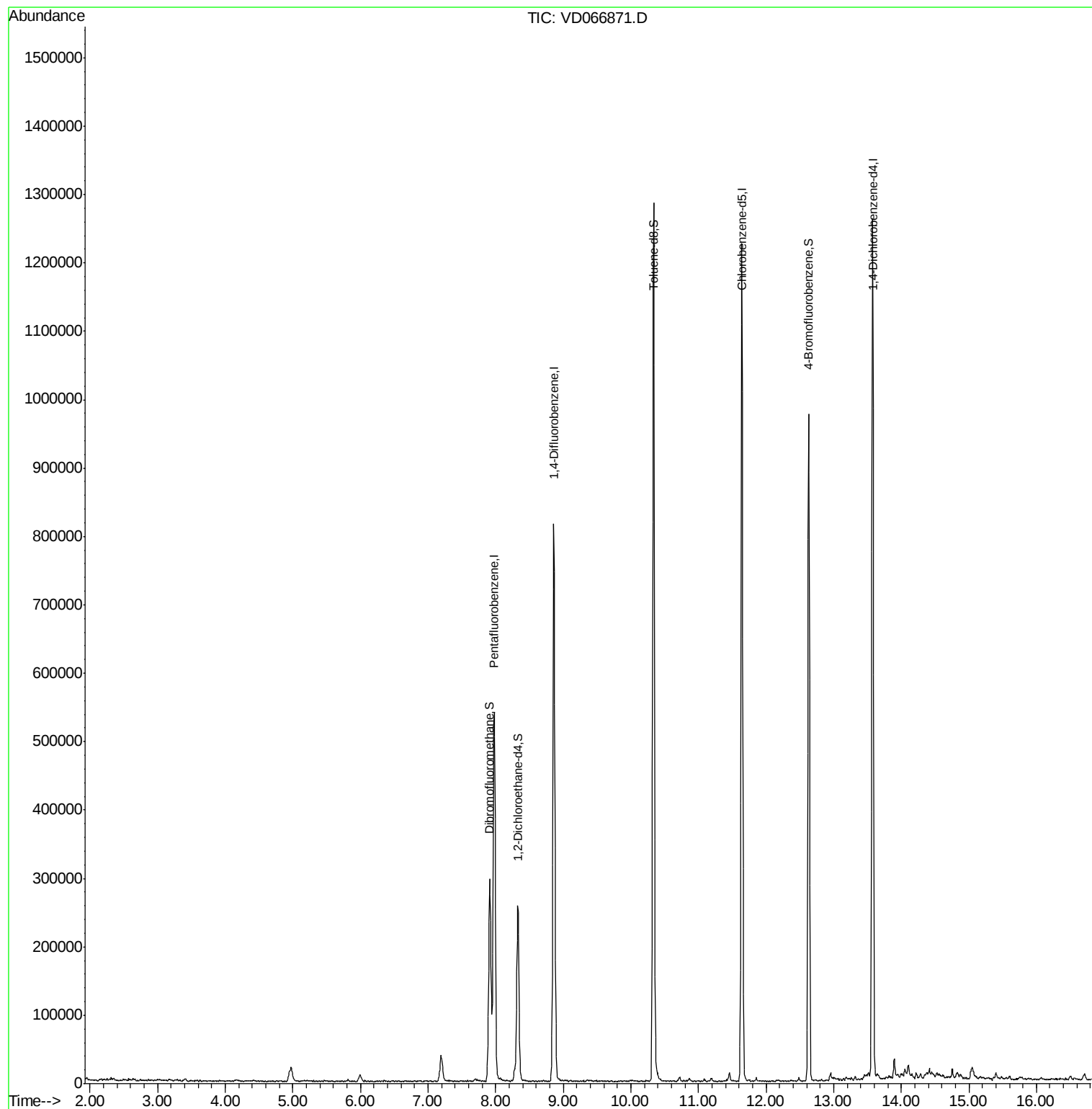
Target Compounds	Qvalue

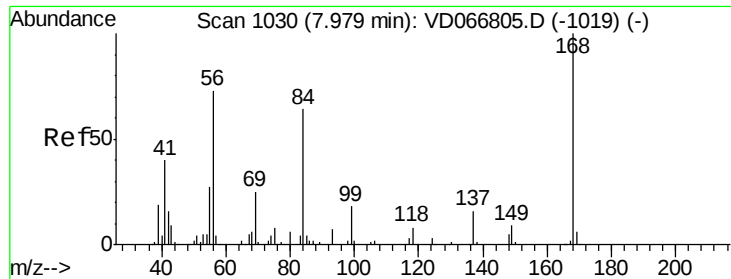
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066871.D

Acq: 25 Sep 2020 13:53

Instrument :

MSVOA_D

ClientSampleId :

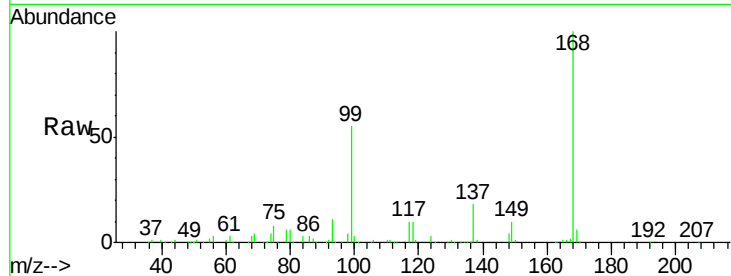
WR-PILE-5-7

Tot Ion:168 Resp: 399204

Ion Ratio Lower Upper

168 100

99 55.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

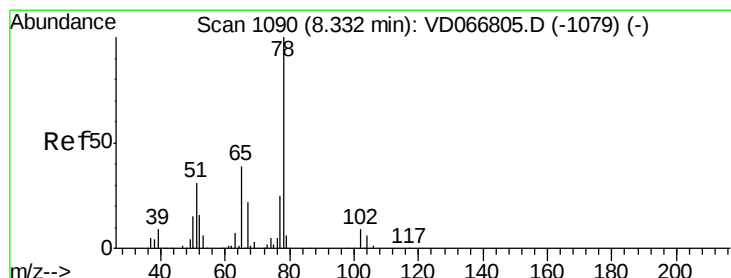
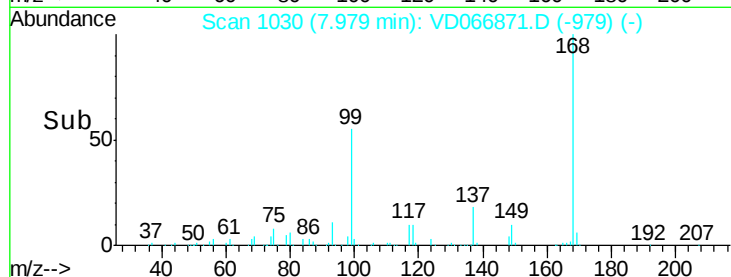
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.344 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066871.D

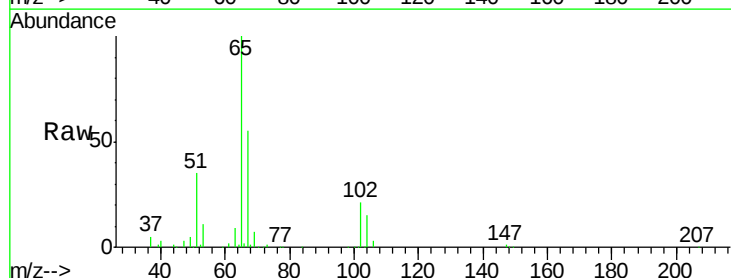
Acq: 25 Sep 2020 13:53

Tgt Ion: 65 Resp: 204520

Ion Ratio Lower Upper

65 100

67 52.5 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

100000

80000

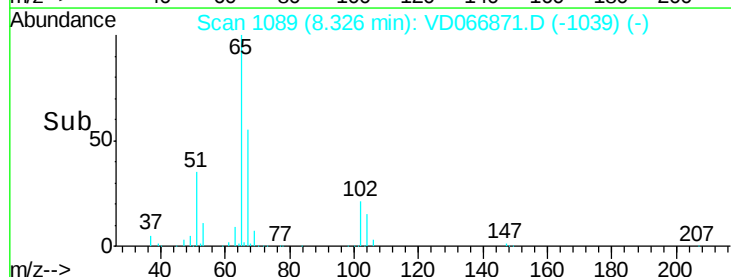
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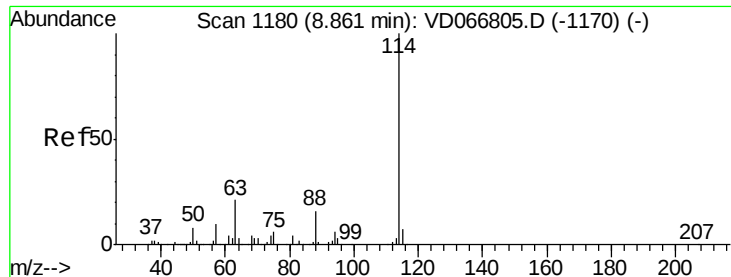
40000

20000

0

Time-->

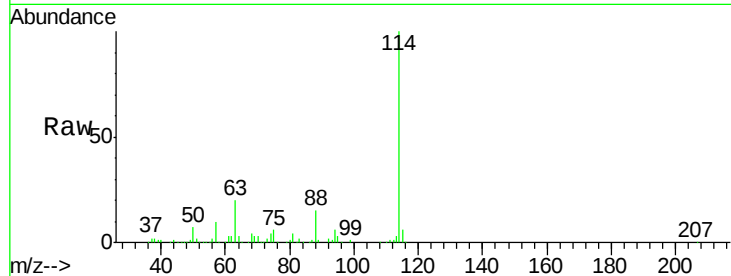




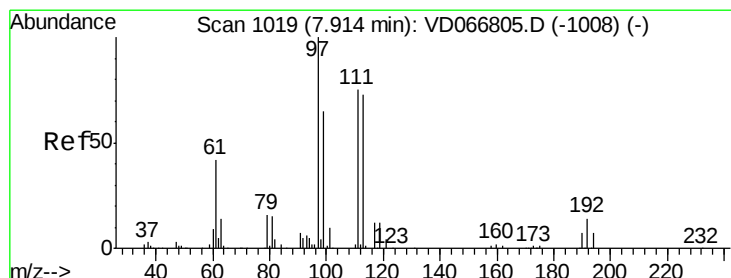
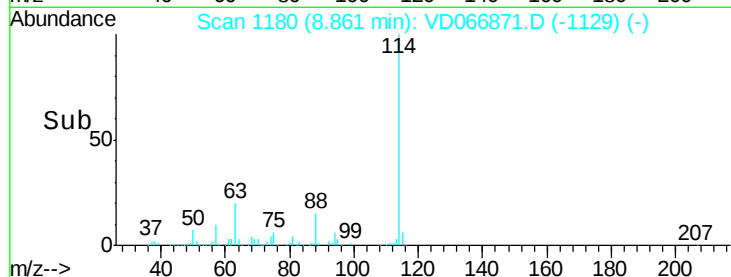
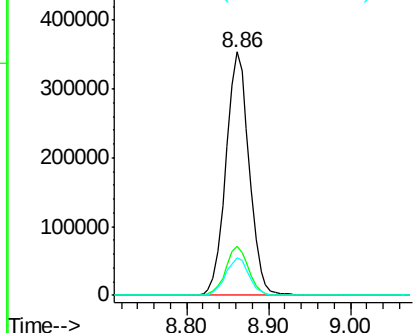
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066871.D
 Acq: 25 Sep 2020 13:53

Instrument :
 MSVOA_D
 ClientSampleId :
 WR-PILE-5-7

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.6
88	15.4	0.0	32.6

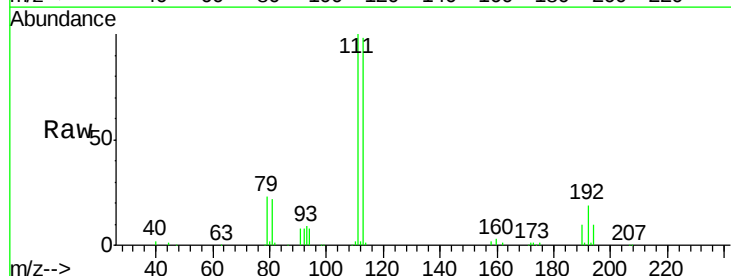


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

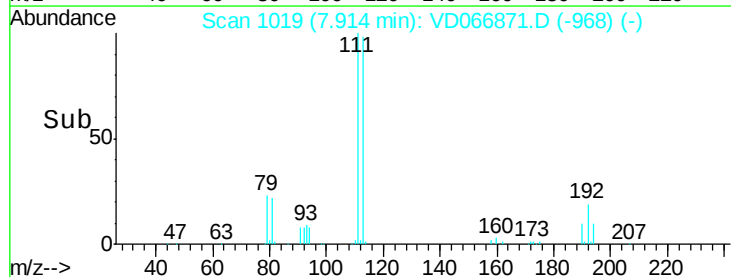
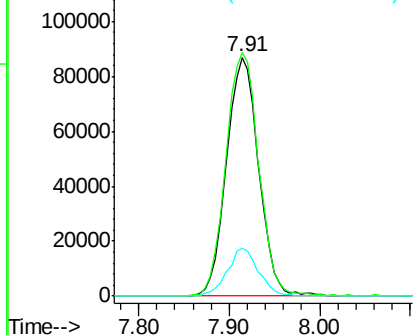


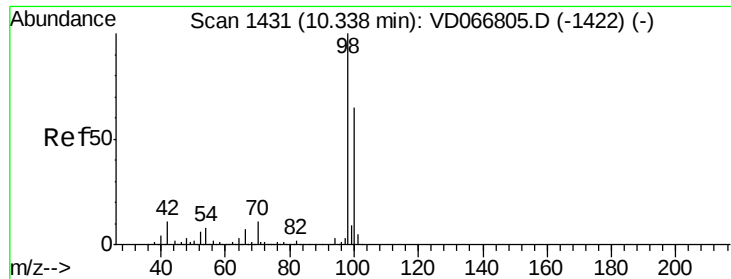
#35
 Dibromofluoromethane
 Concen: 48.055 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066871.D
 Acq: 25 Sep 2020 13:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.8	122.8
192	19.4	14.4	21.6



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: 56.111 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066871.D

Acq: 25 Sep 2020 13:53

Instrument :

MSVOA_D

ClientSampleId :

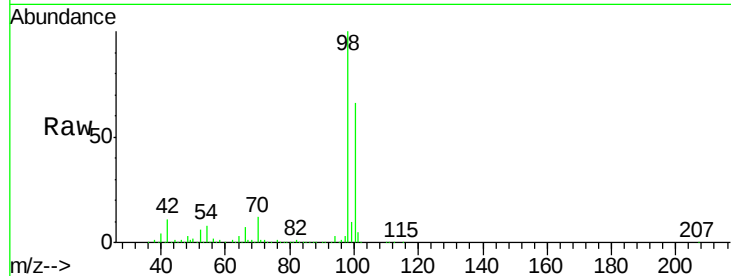
WR-PILE-5-7

Tot Ion: 98 Resp: 852171

Ion Ratio Lower Upper

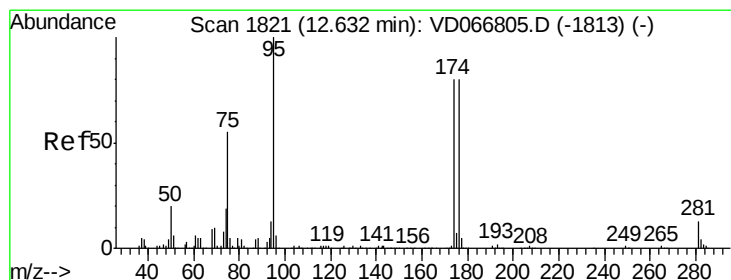
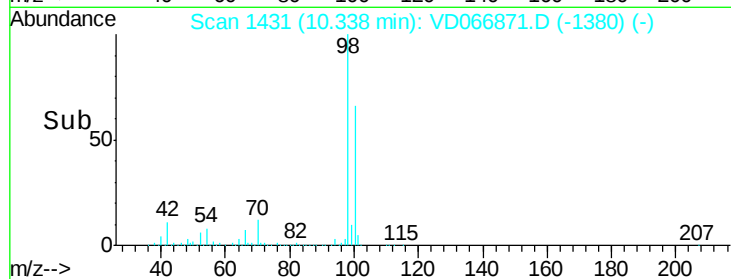
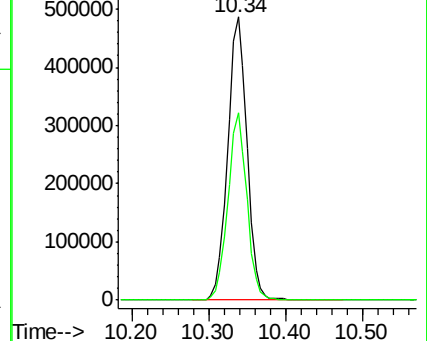
98 100

100 65.0 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: 57.736 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066871.D

Acq: 25 Sep 2020 13:53

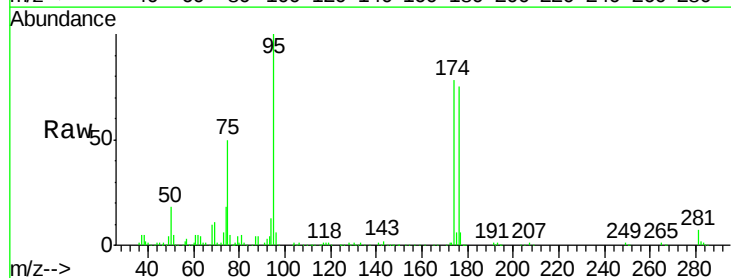
Tgt Ion: 95 Resp: 300174

Ion Ratio Lower Upper

95 100

174 79.8 0.0 159.8

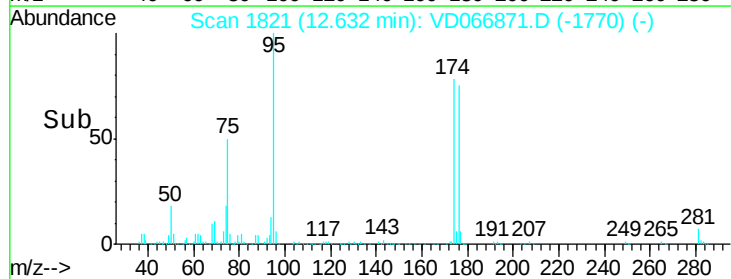
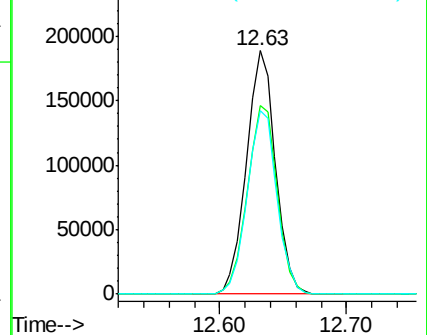
176 77.0 0.0 154.4

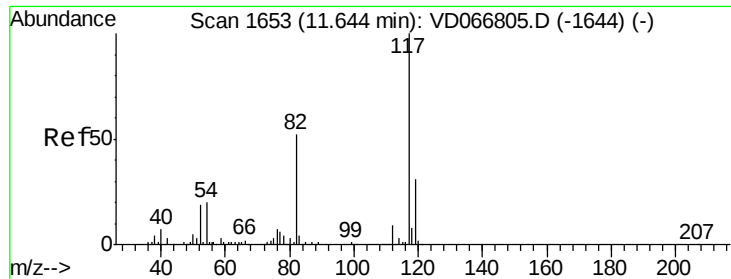


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

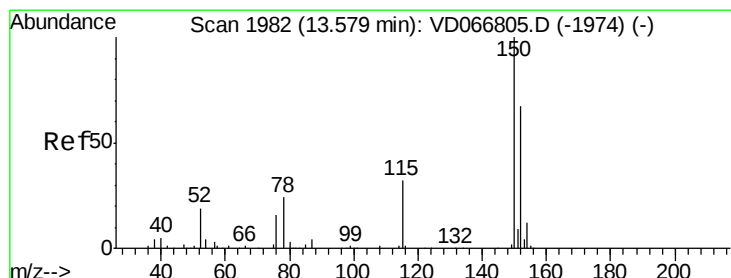
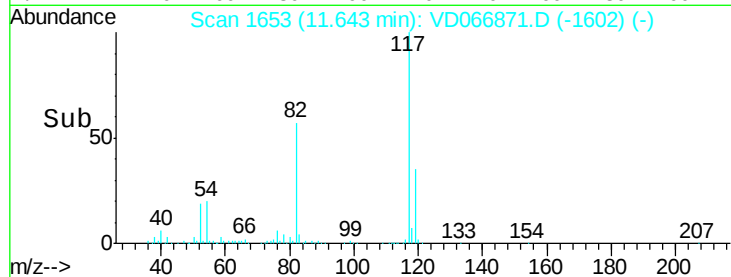
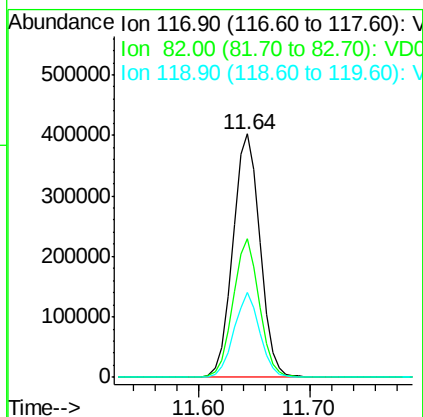
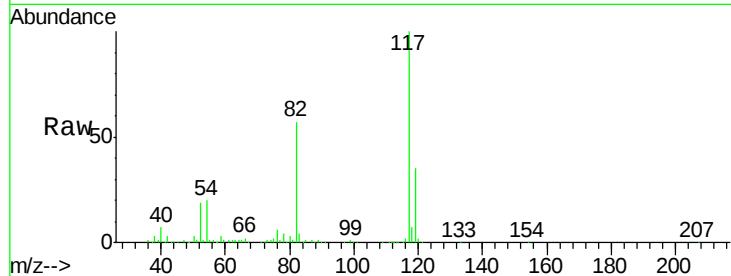




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066871.D
Acq: 25 Sep 2020 13:53

Instrument :
MSVOA_D
ClientSampleId :
WR-PILE-5-7

Tot Ion:117 Resp: 694492
Ion Ratio Lower Upper
117 100
82 57.0 41.8 62.6
119 35.1 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066871.D
Acq: 25 Sep 2020 13:53

Tgt Ion:152 Resp: 327834
Ion Ratio Lower Upper
152 100
115 59.7 30.3 91.0
150 155.5 0.0 346.2

