

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066528.D
 Acq On : 02 Sep 2020 17:43
 Operator : VA/SY
 Sample : L3871-01
 Misc : 1.44G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-090220

Quant Time: Sep 03 04:05:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 15:08:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	20355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	29284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	29494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	15923	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	16548	75.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.18%	
35) Dibromofluoromethane	7.91	113	9424	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
50) Toluene-d8	10.34	98	33932	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.64	95	12839	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	

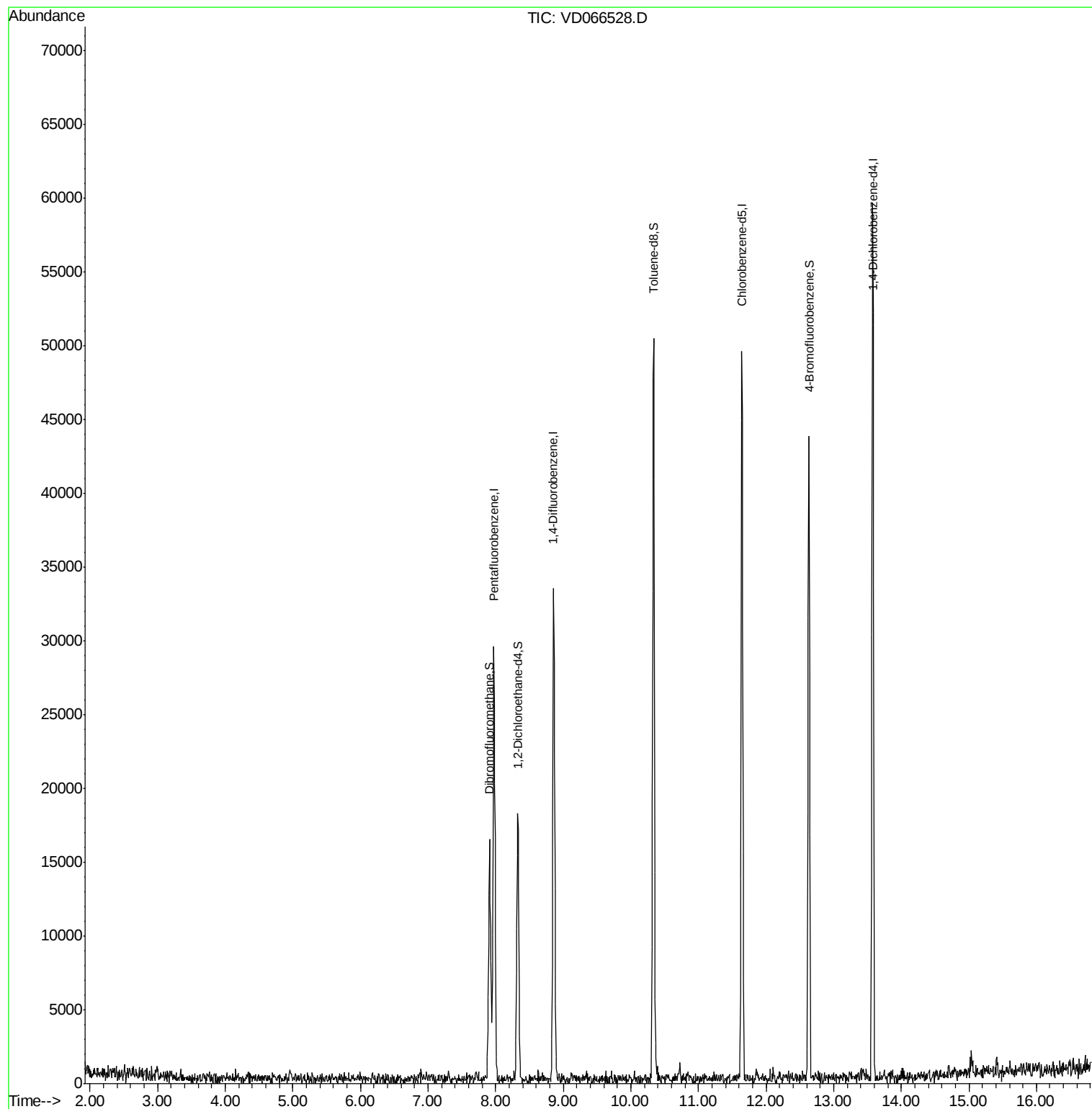
Target Compounds	Qvalue
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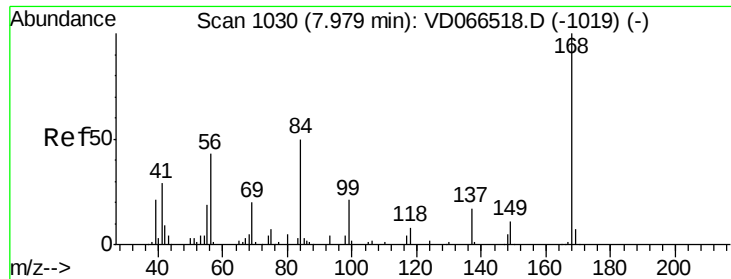
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066528.D

Acq: 02 Sep 2020 17:43

Instrument :

MSVOA_D

ClientSampleId :

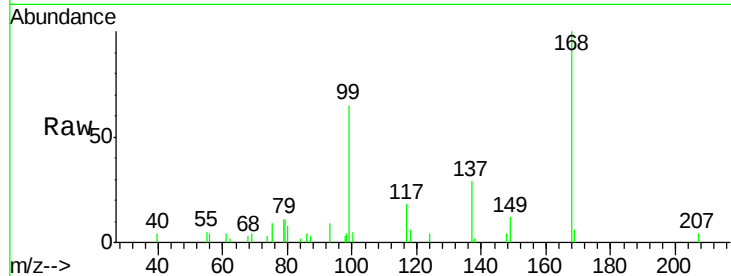
TR-05-090220

Tot Ion:168 Resp: 20355

Ion Ratio Lower Upper

168 100

99 64.5 45.1 67.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

8000

6000

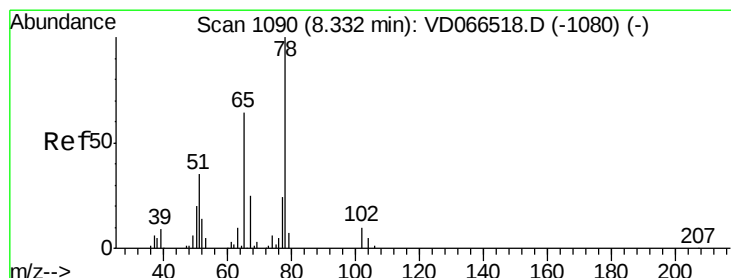
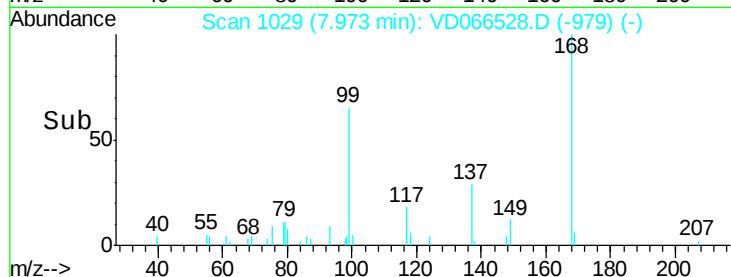
4000

2000

0

7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 75.593 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066528.D

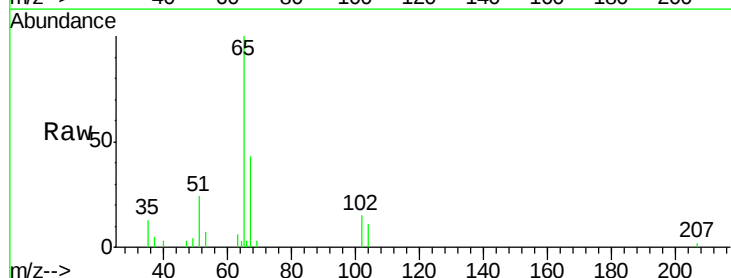
Acq: 02 Sep 2020 17:43

Tgt Ion: 65 Resp: 16548

Ion Ratio Lower Upper

65 100

67 45.0 0.0 88.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

8000

6000

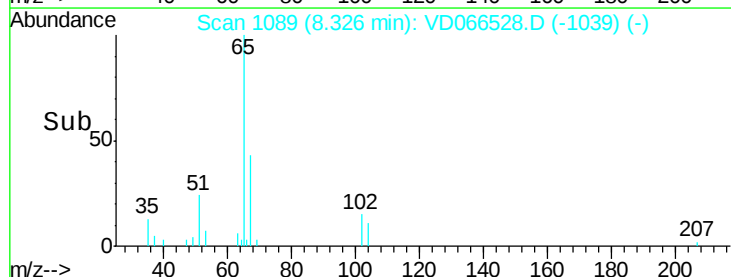
4000

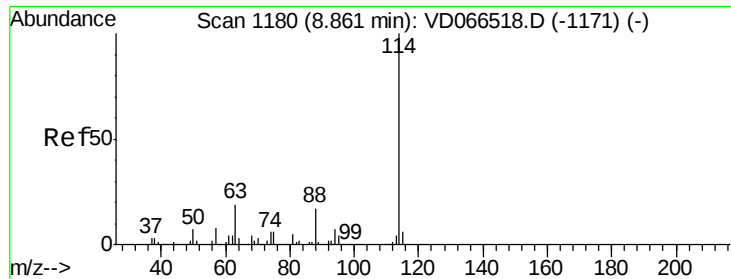
2000

0

8.25 8.30 8.35 8.40

Time-->

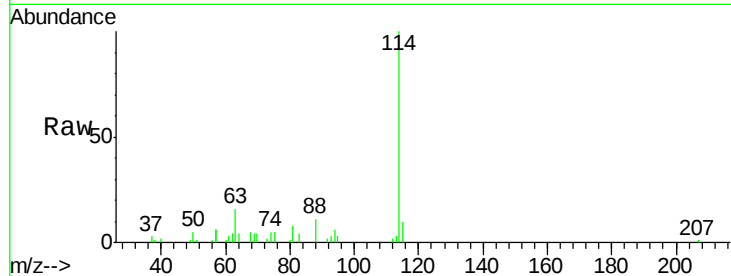




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066528.D
 Acq: 02 Sep 2020 17:43

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-090220

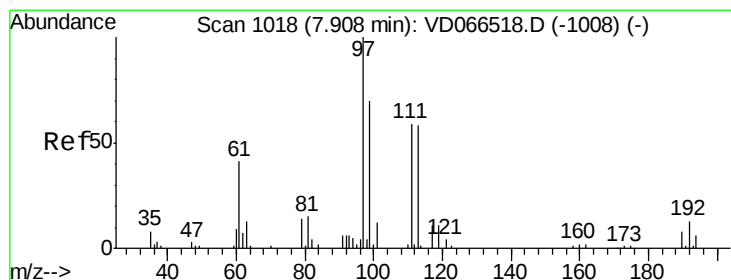
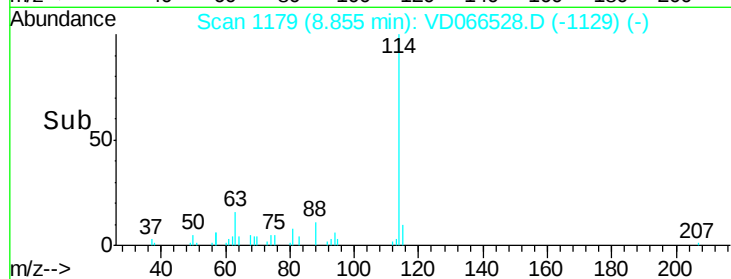
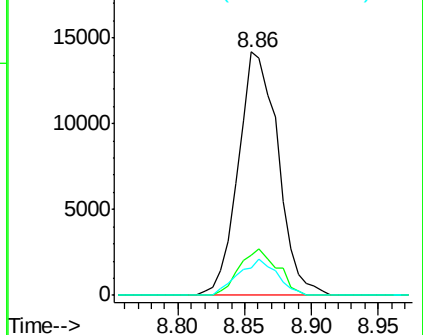
Tot Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	38.6
88	11.4	0.0	33.6



Abundance Ion 113.90 (113.60 to 114.60): V

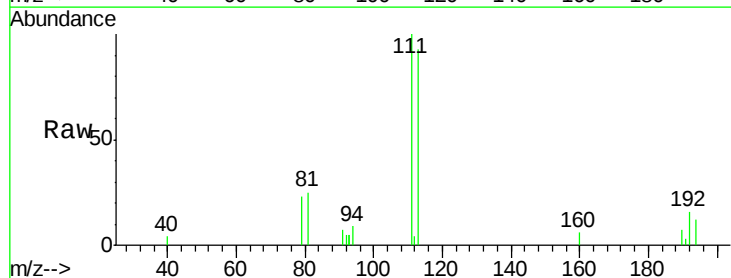
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 53.506 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066528.D
 Acq: 02 Sep 2020 17:43

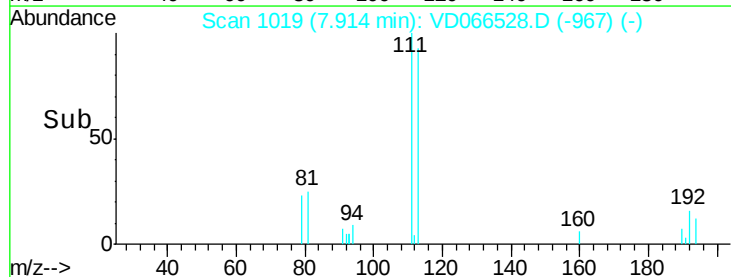
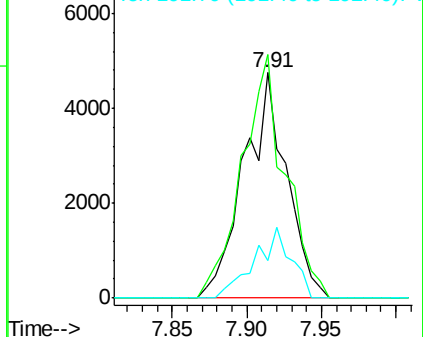
Tgt Ion	Ratio	Lower	Upper
113	100		
111	109.2	82.5	123.7
192	26.9	20.7	31.1

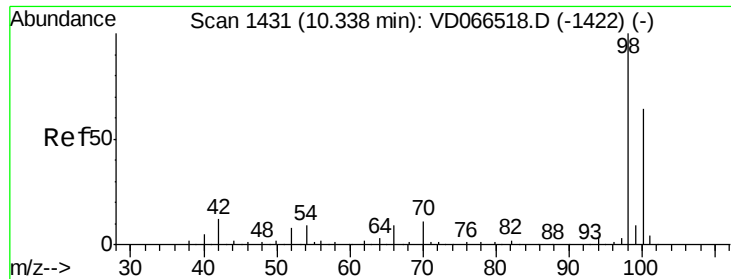


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.307 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066528.D

Acq: 02 Sep 2020 17:43

Instrument :

MSVOA_D

ClientSampleId :

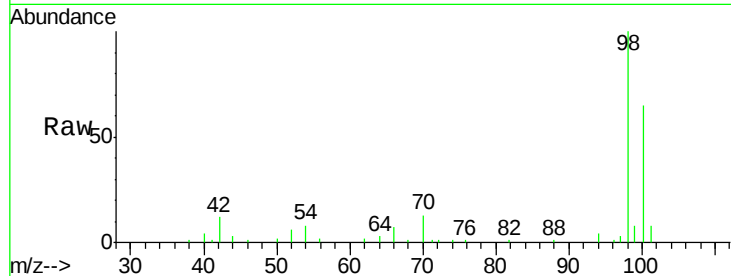
TR-05-090220

Tot Ion: 98 Resp: 33932

Ion Ratio Lower Upper

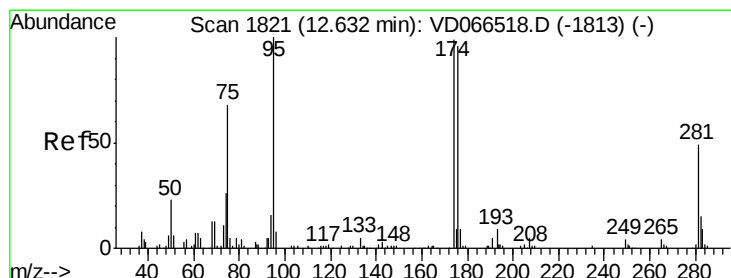
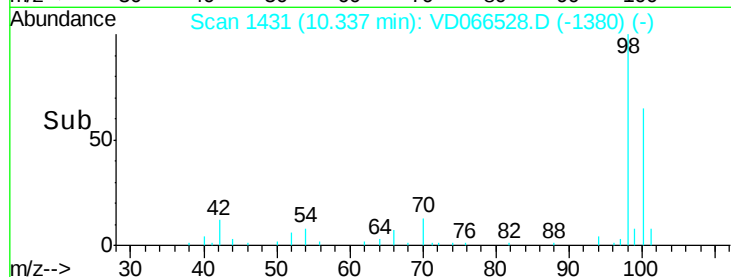
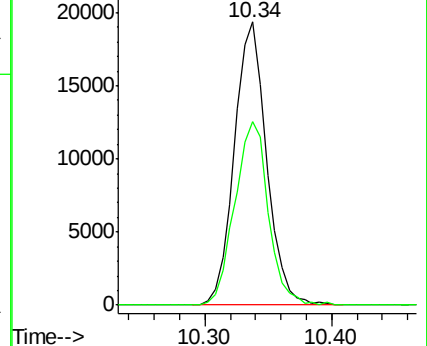
98 100

100 67.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 54.460 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD066528.D

Acq: 02 Sep 2020 17:43

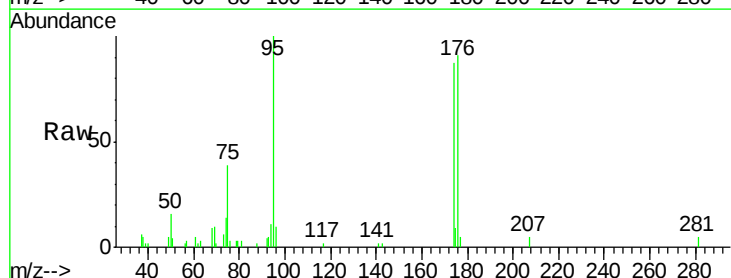
Tgt Ion: 95 Resp: 12839

Ion Ratio Lower Upper

95 100

174 99.9 0.0 203.2

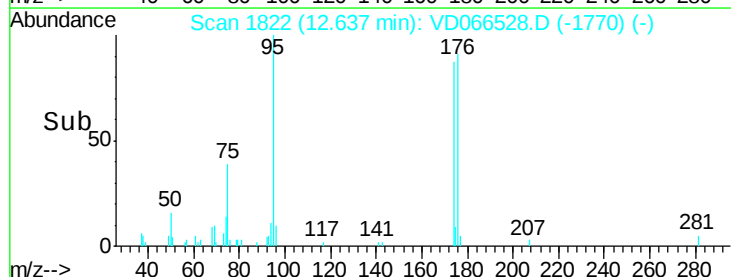
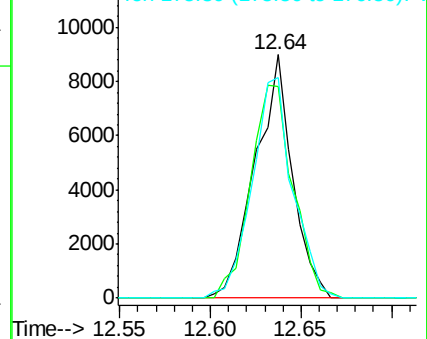
176 99.3 0.0 198.6

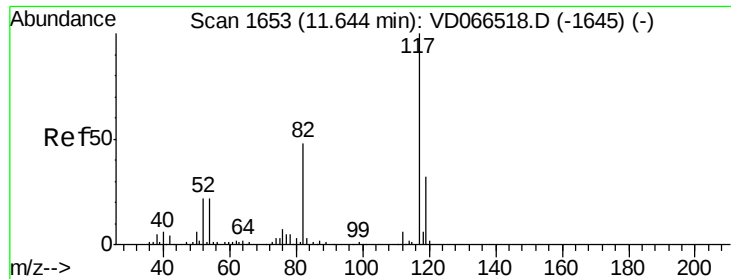


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

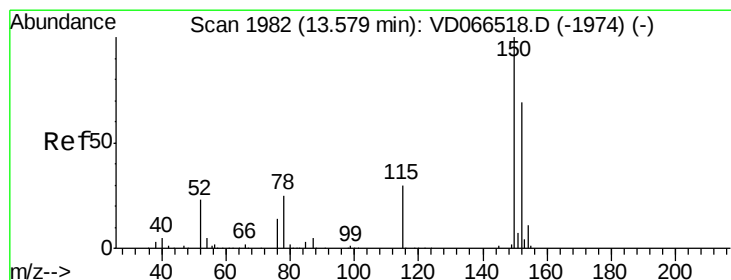
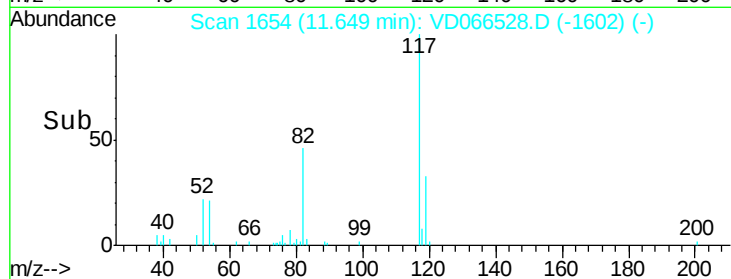
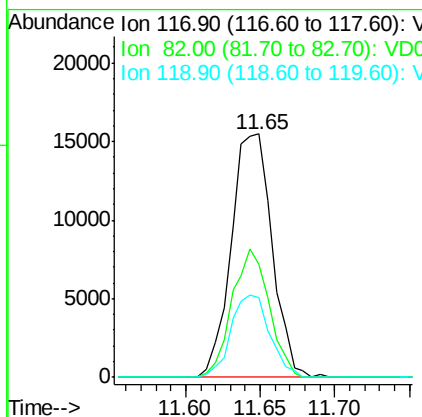
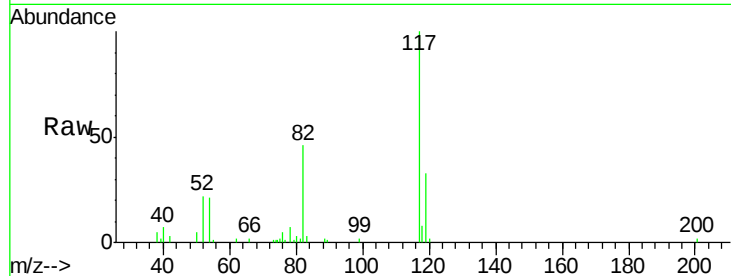




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD066528.D
Acq: 02 Sep 2020 17:43

Instrument :
MSVOA_D
ClientSampleId :
TR-05-090220

Tot Ion:117 Resp: 29494
Ion Ratio Lower Upper
117 100
82 46.2 38.5 57.7
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066528.D
Acq: 02 Sep 2020 17:43

Tgt Ion:152 Resp: 15923
Ion Ratio Lower Upper
152 100
115 62.8 28.9 86.8
150 165.6 0.0 339.6

