

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066276.D
 Acq On : 18 Aug 2020 14:26
 Operator : VA/SY
 Sample : L3659-01
 Misc : 6.64G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP1-1

Quant Time: Aug 18 14:56:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	234464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	357735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	312002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	133711	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	117068	55.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.94%	
35) Dibromofluoromethane	7.91	113	115672	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
50) Toluene-d8	10.34	98	384301	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
62) 4-Bromofluorobenzene	12.63	95	117847	39.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.18%	

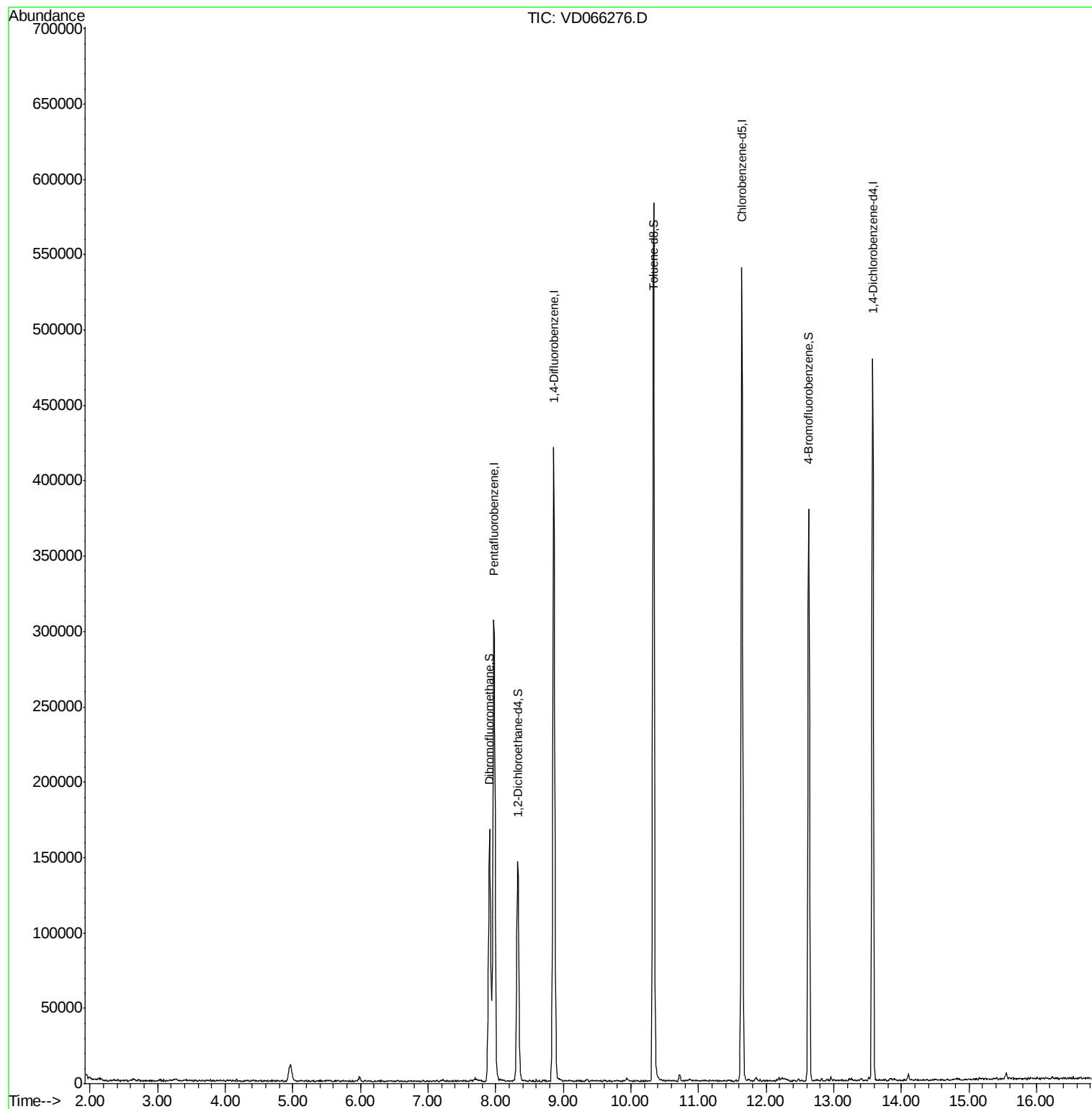
Target Compounds	Qvalue

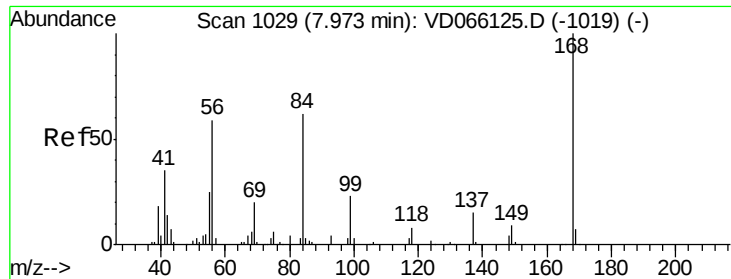
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066276.D

Acq: 18 Aug 2020 14:26

Instrument :

MSVOA_D

ClientSampleId :

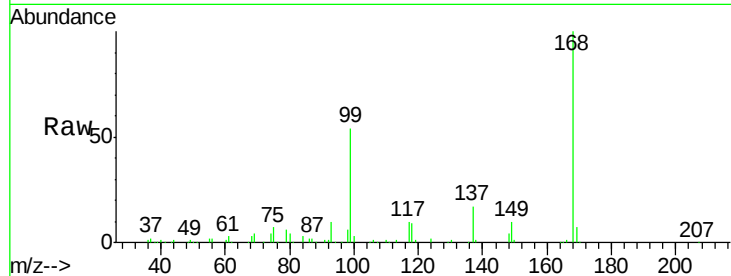
SP1-1

Tot Ion:168 Resp: 234464

Ion Ratio Lower Upper

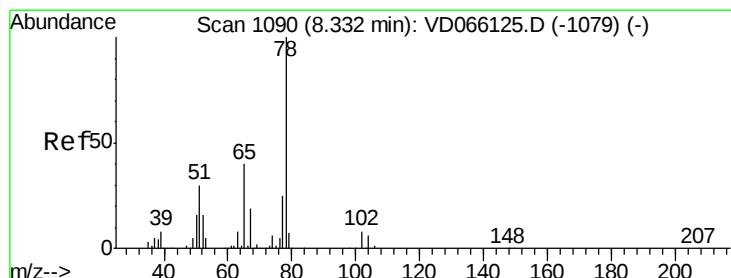
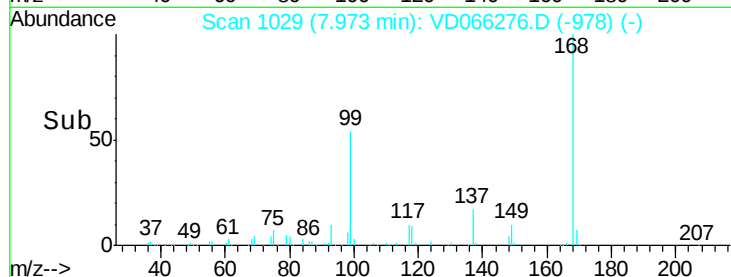
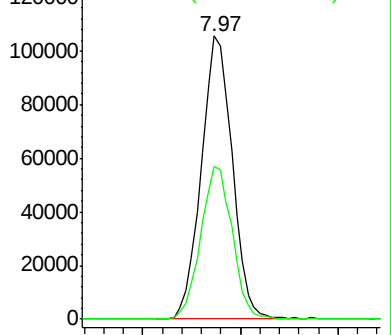
168 100

99 54.0 42.2 63.4



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: 55.966 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066276.D

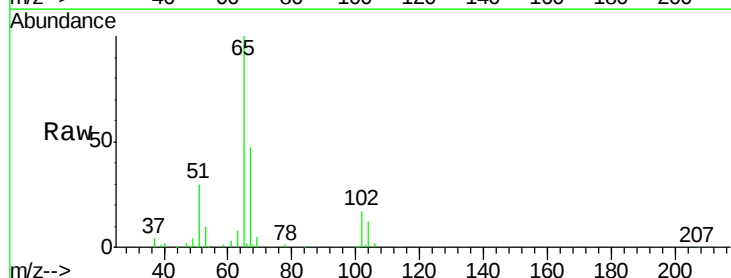
Acq: 18 Aug 2020 14:26

Tgt Ion: 65 Resp: 117068

Ion Ratio Lower Upper

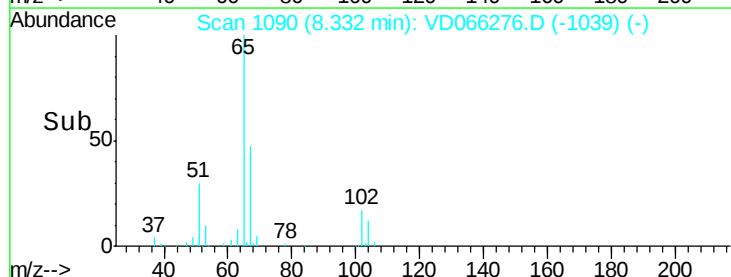
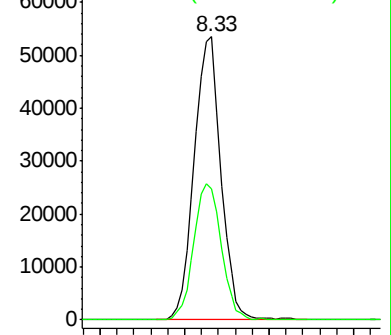
65 100

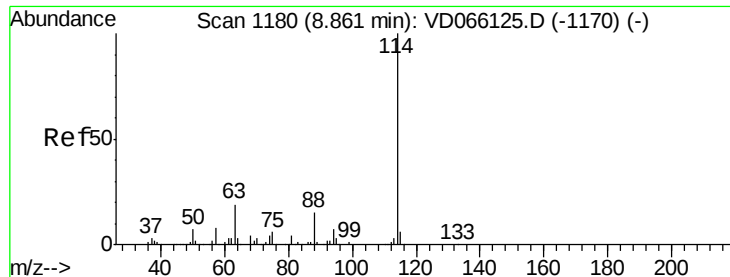
67 49.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

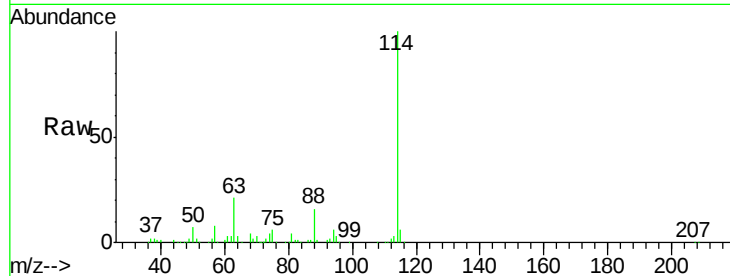




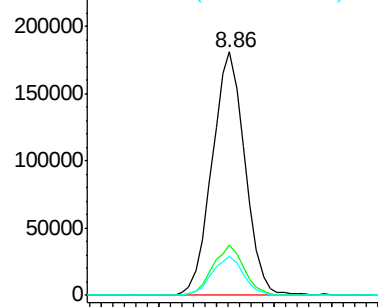
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066276.D
 Acq: 18 Aug 2020 14:26

Instrument :
 MSVOA_D
 ClientSampleId :
 SP1-1

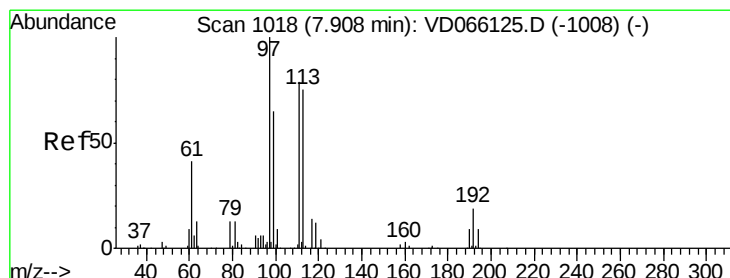
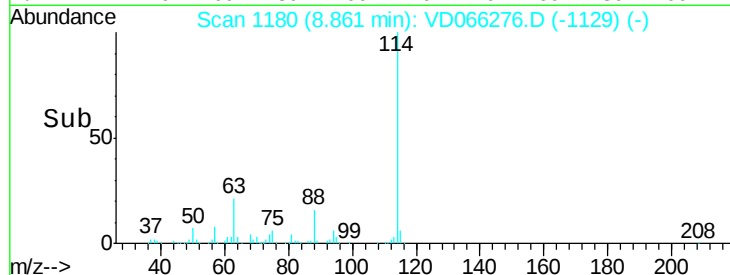
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	38.6
88	15.7	0.0	30.0



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

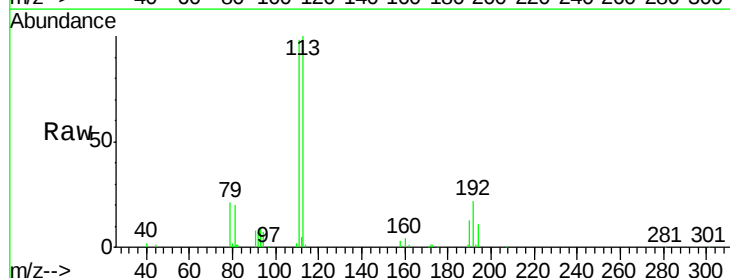


Time--> 8.75 8.80 8.85 8.90 8.95

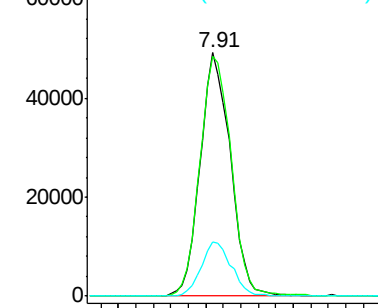


#35
 Dibromofluoromethane
 Concen: 51.042 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066276.D
 Acq: 18 Aug 2020 14:26

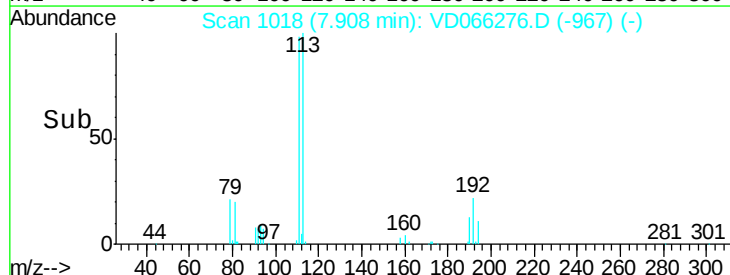
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.7	121.1
192	22.2	18.4	27.6

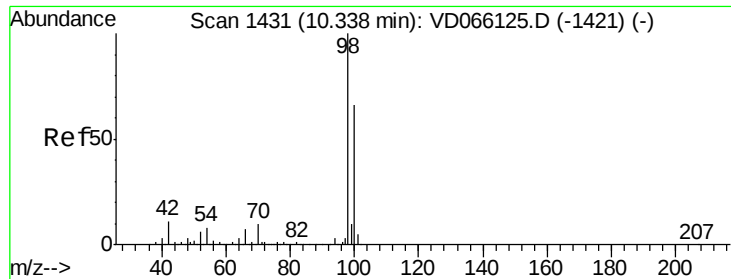


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time--> 7.80 7.90 8.00





#50

Toluene-d8

Concen: 45.953 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066276.D

Acq: 18 Aug 2020 14:26

Instrument :

MSVOA_D

ClientSampleId :

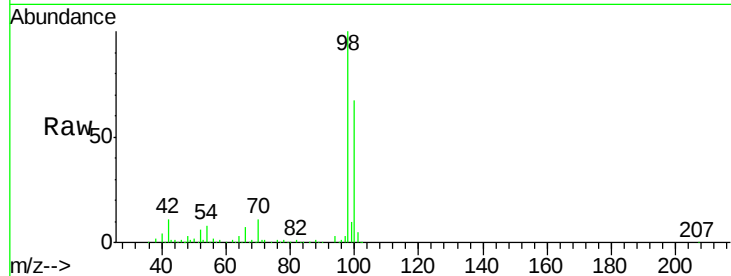
SP1-1

Tot Ion: 98 Resp: 384301

Ion Ratio Lower Upper

98 100

100 66.4 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

200000

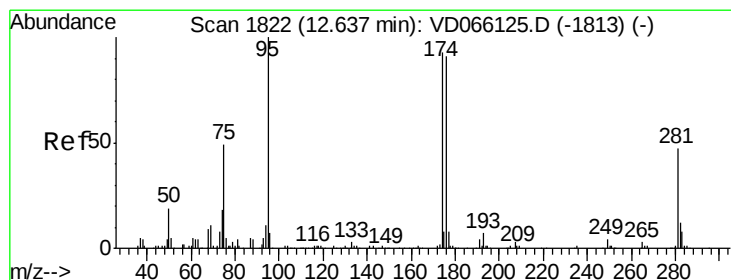
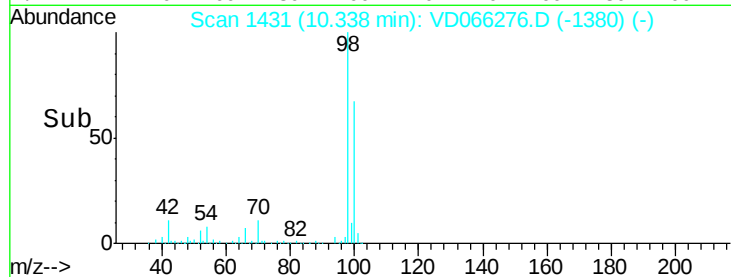
150000

100000

50000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 39.093 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066276.D

Acq: 18 Aug 2020 14:26

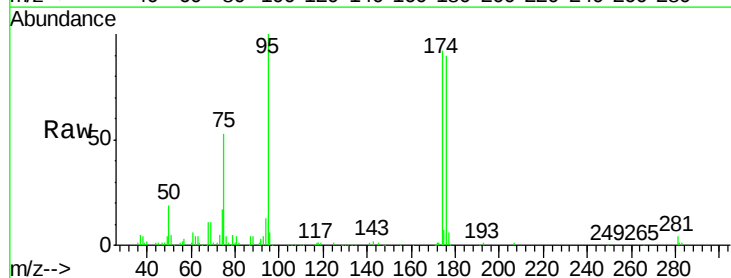
Tgt Ion: 95 Resp: 117847

Ion Ratio Lower Upper

95 100

174 93.2 0.0 180.8

176 89.6 0.0 181.2



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

12.63

80000

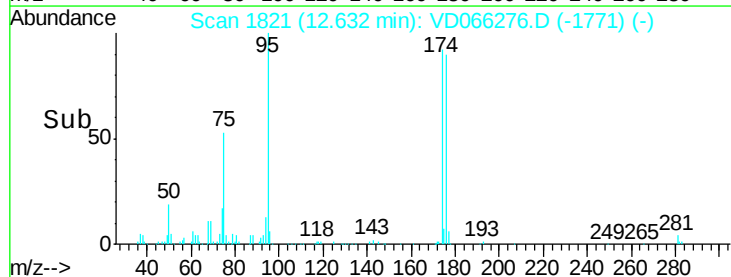
60000

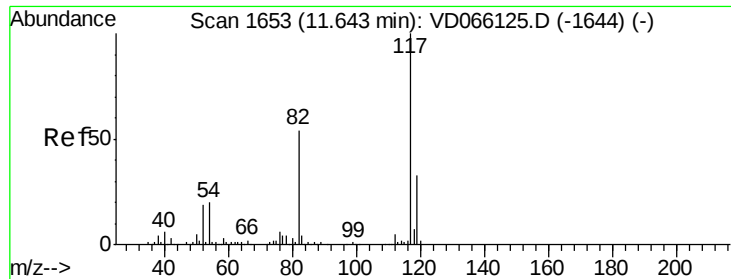
40000

20000

0

Time--> 12.55 12.60 12.65 12.70

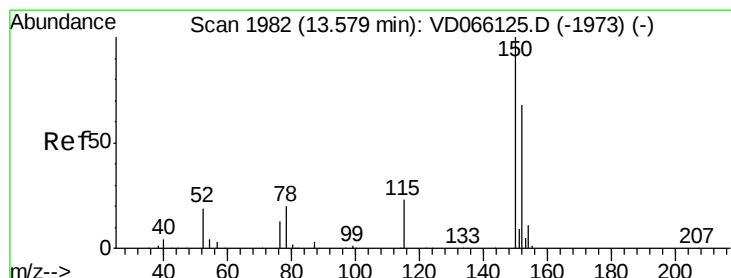
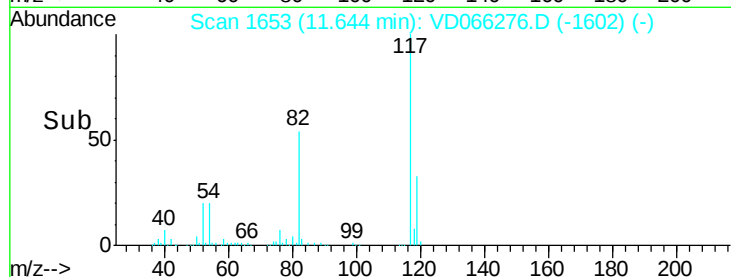
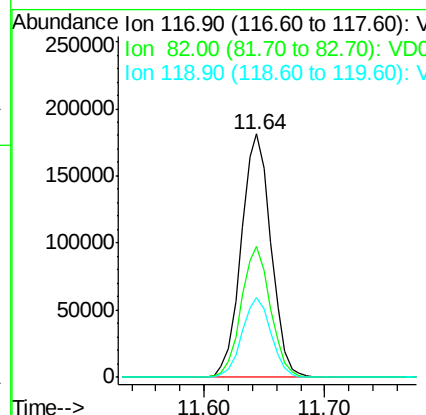
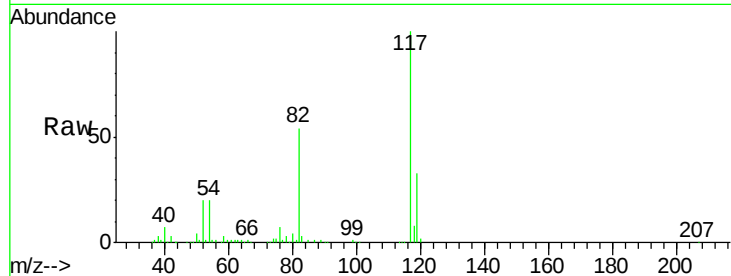




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066276.D
Acq: 18 Aug 2020 14:26

Instrument :
MSVOA_D
ClientSampled :
SP1-1

Tot Ion:117 Resp: 312002
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066276.D
Acq: 18 Aug 2020 14:26

Tgt Ion:152 Resp: 133711
Ion Ratio Lower Upper
152 100
115 56.2 28.0 83.9
150 155.2 0.0 346.4

