

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091120\
 Data File : VD066643.D
 Acq On : 11 Sep 2020 12:47
 Operator : VA/SY
 Sample : VD0911SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0911SBL01

Quant Time: Sep 12 00:47:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	399649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	715732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	675946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	290338	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	251314	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	7.91	113	239727	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
50) Toluene-d8	10.34	98	883117	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.63	95	286951	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

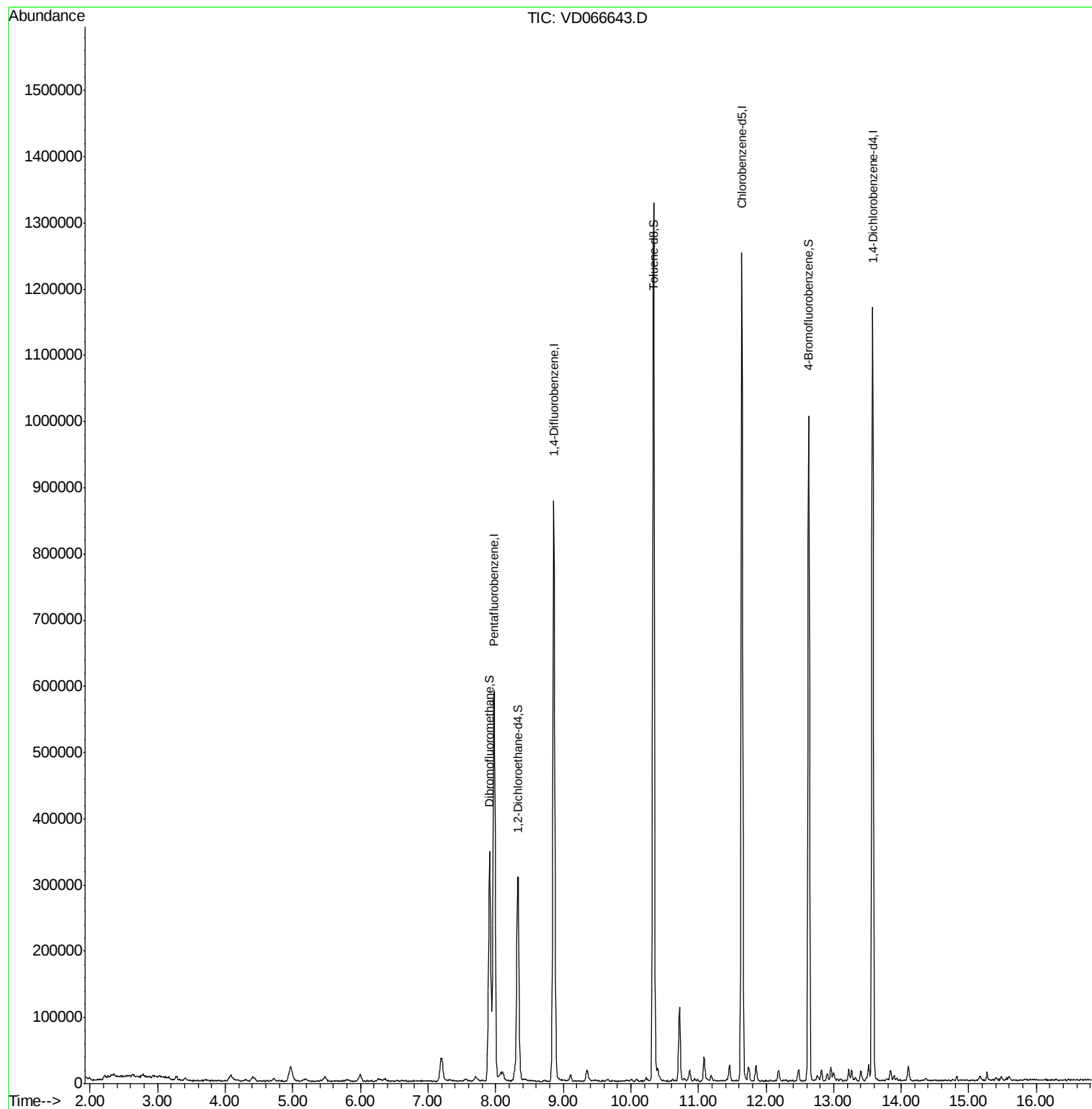
Target Compounds	Qvalue

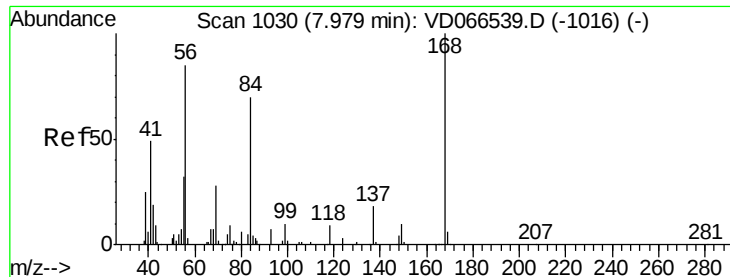
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091120\
Data File : VD066643.D
Acq On : 11 Sep 2020 12:47
Operator : VA/SY
Sample : VD0911SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBL01

Quant Time: Sep 12 00:47:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

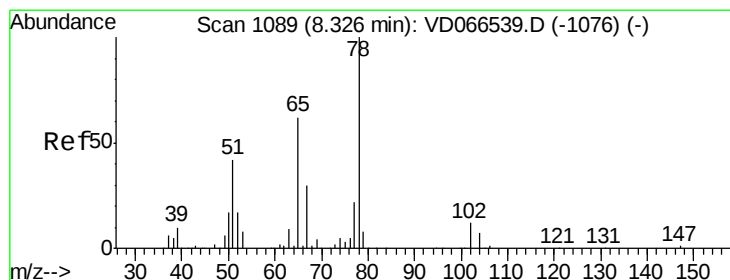
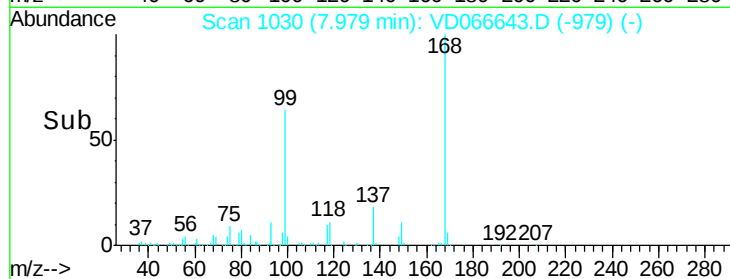
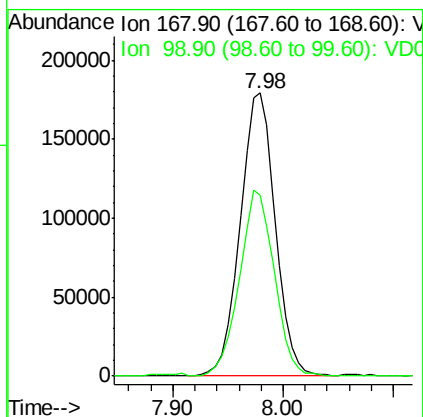
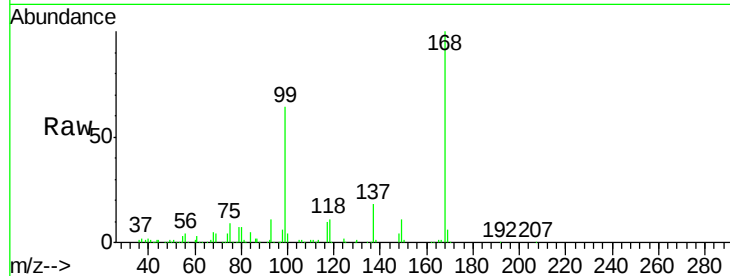




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066643.D
Acq: 11 Sep 2020 12:47

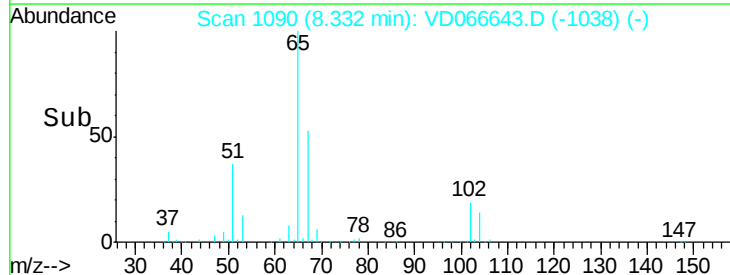
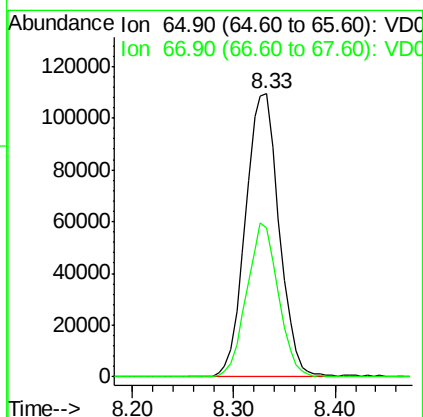
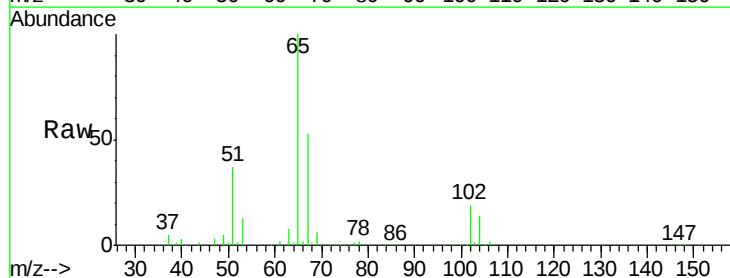
Instrument :
MSVOA_D
ClientSampleId :
VD0911SBL01

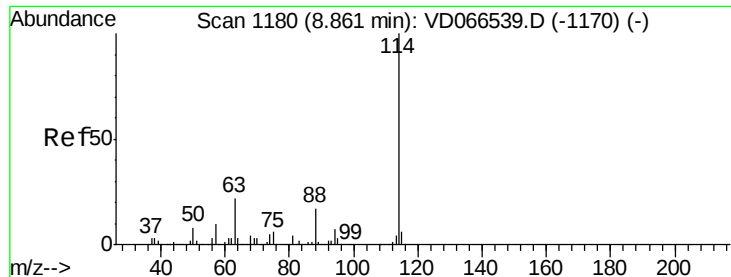
Tot Ion:168 Resp: 399649
Ion Ratio Lower Upper
168 100
99 63.4 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 51.974 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VD066643.D
Acq: 11 Sep 2020 12:47

Tgt Ion: 65 Resp: 251314
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.8

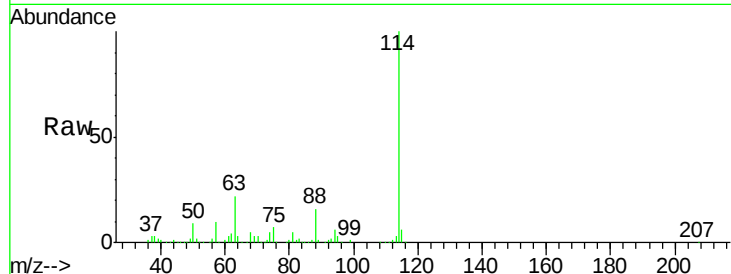




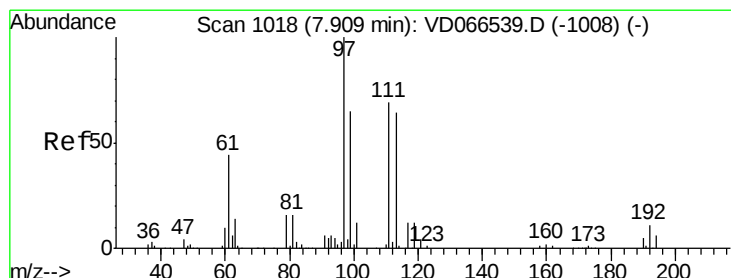
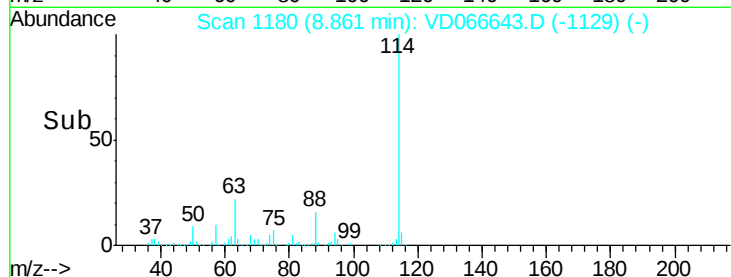
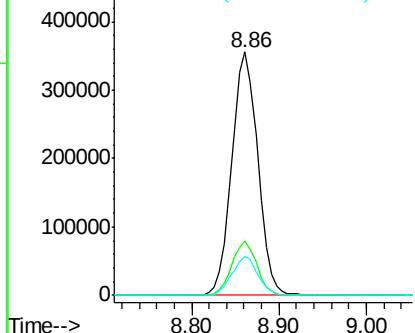
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066643.D
 Acq: 11 Sep 2020 12:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0911SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.2
88	16.1	0.0	33.2

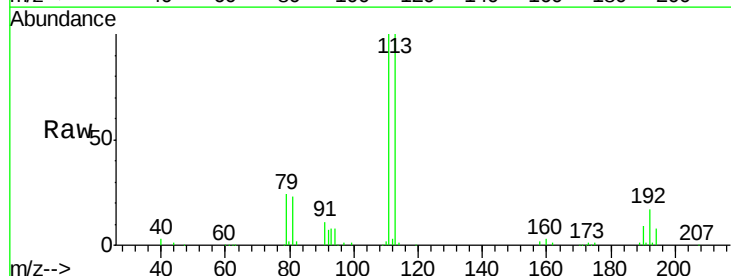


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

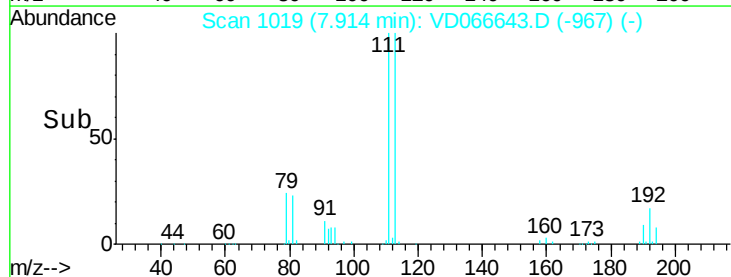
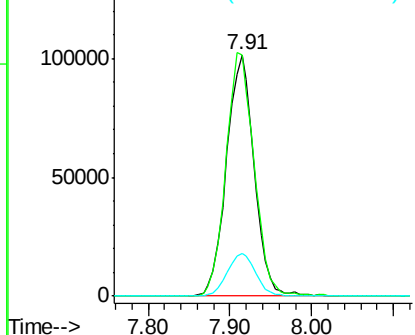


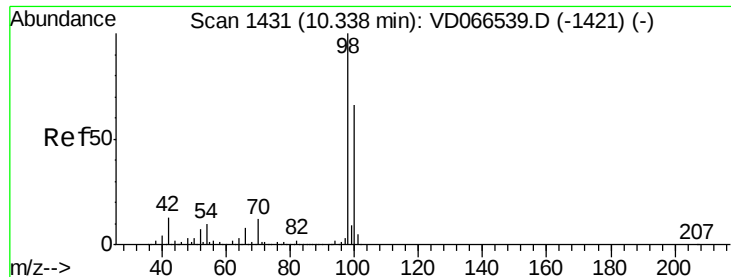
#35
 Dibromofluoromethane
 Concen: 49.649 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066643.D
 Acq: 11 Sep 2020 12:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.2	124.8
192	18.0	13.7	20.5



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: 51.173 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066643.D

Acq: 11 Sep 2020 12:47

Instrument :

MSVOA_D

ClientSampleId :

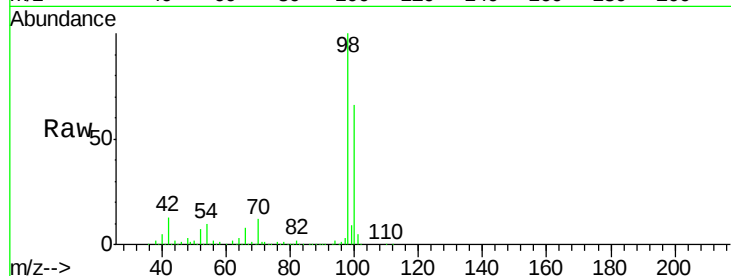
VD0911SBL01

Tot Ion: 98 Resp: 883117

Ion Ratio Lower Upper

98 100

100 64.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VD066643.D (-1380) (-)

Ion 100.00 (99.70 to 100.70): VD066643.D (-1380) (-)

10.34

500000

400000

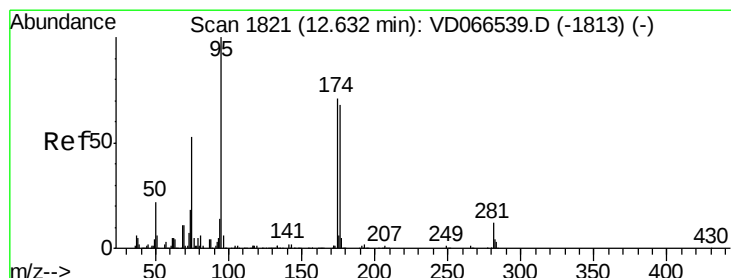
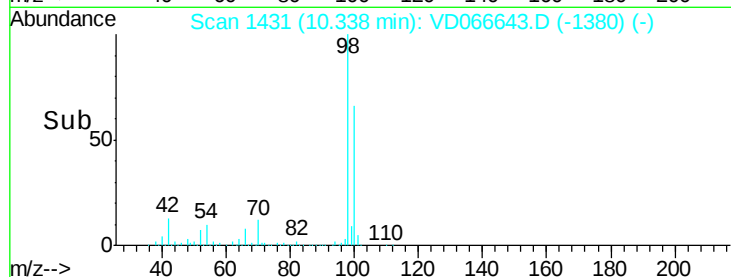
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 50.146 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066643.D

Acq: 11 Sep 2020 12:47

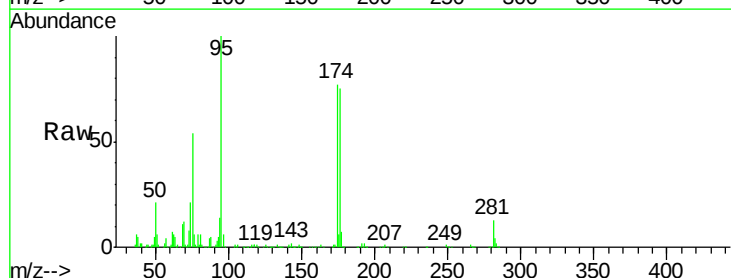
Tgt Ion: 95 Resp: 286951

Ion Ratio Lower Upper

95 100

174 76.0 0.0 155.8

176 74.6 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VD066643.D (-1770) (-)

Ion 173.80 (173.50 to 174.50): VD066643.D (-1770) (-)

Ion 175.80 (175.50 to 176.50): VD066643.D (-1770) (-)

12.63

200000

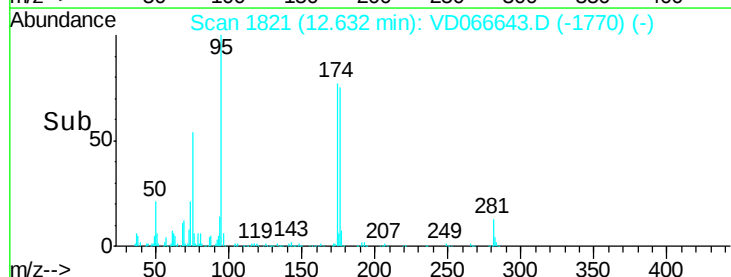
150000

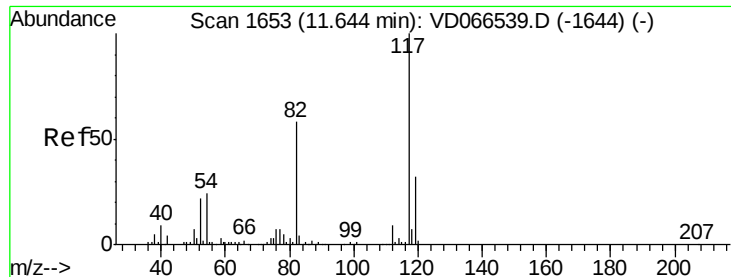
100000

50000

0

Time--> 12.60 12.70

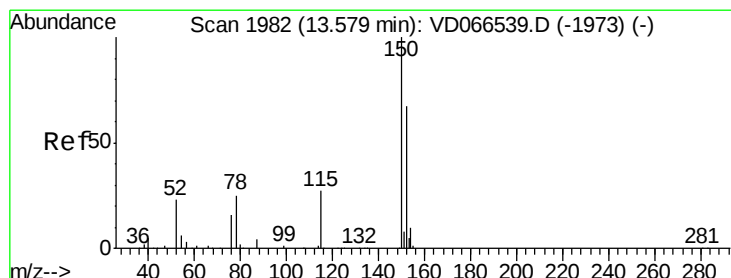
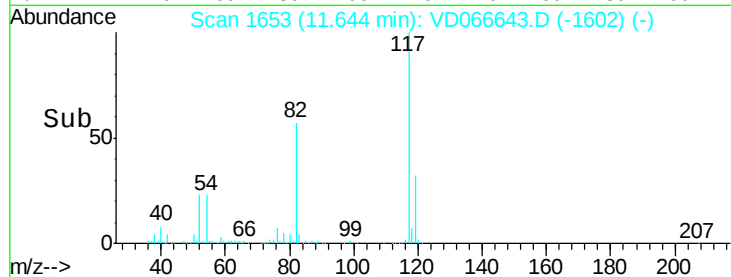
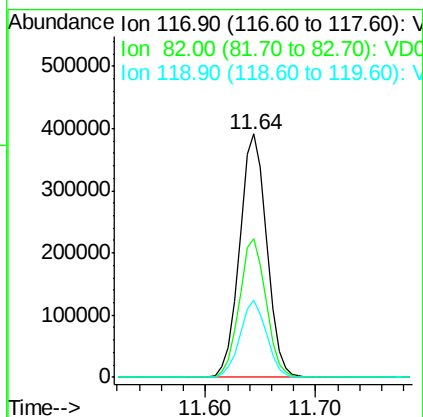
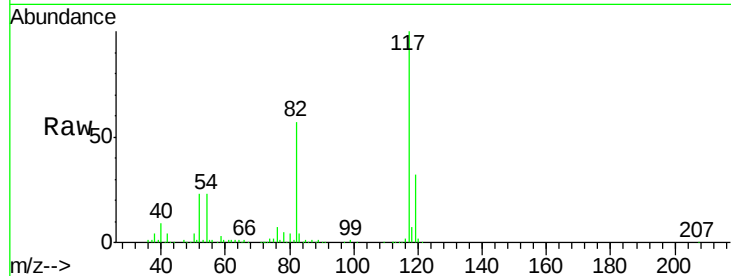




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066643.D
Acq: 11 Sep 2020 12:47

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	46.2	69.2
119	31.7	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: VD066643.D
Acq: 11 Sep 2020 12:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	30.4	91.2
150	160.5	0.0	345.8

