

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066511.D
 Acq On : 01 Sep 2020 22:09
 Operator : VA/SY
 Sample : L3853-01
 Misc : 6.46G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 208

Quant Time: Sep 02 02:29:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	180289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	267879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	256921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	123889	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	100685	56.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.92%	
35) Dibromofluoromethane	7.91	113	81472	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	10.34	98	312959	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.63	95	113177	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	

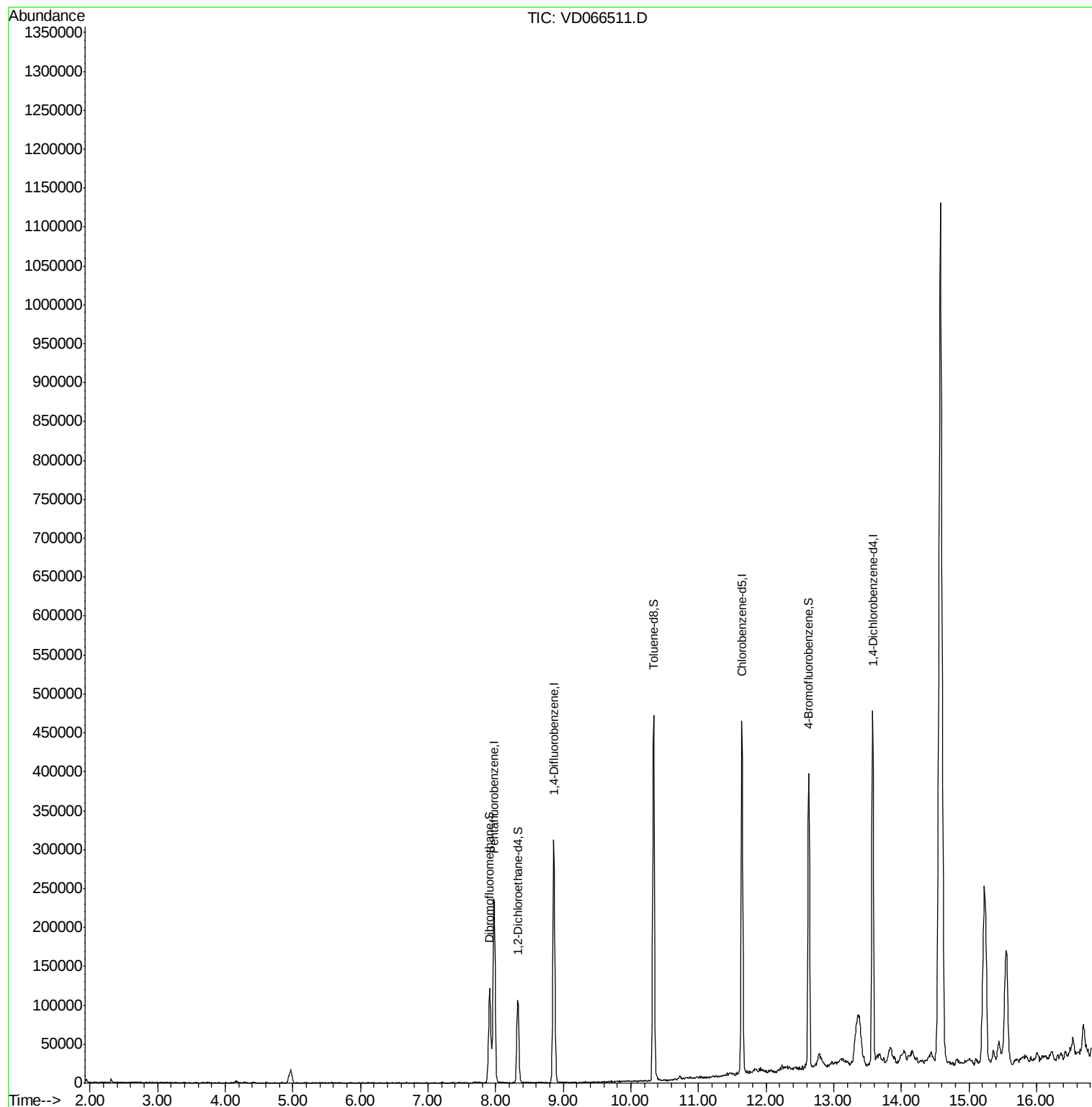
Target Compounds	Qvalue

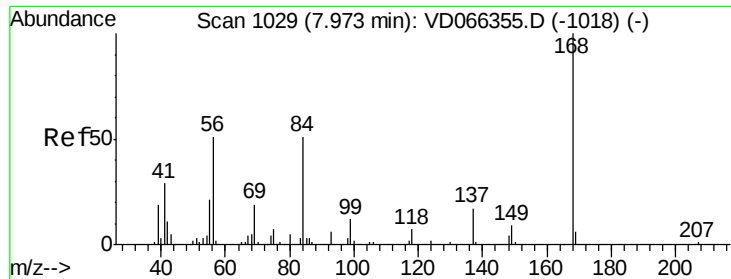
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066511.D

Acq: 01 Sep 2020 22:09

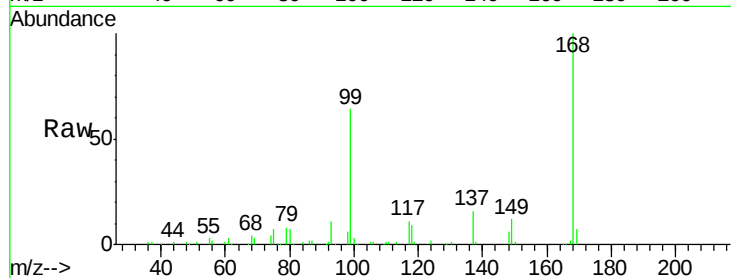
Instrument :
MSVOA_D
ClientSampleId :
208

Tot Ion:168 Resp: 180289

Ion Ratio Lower Upper

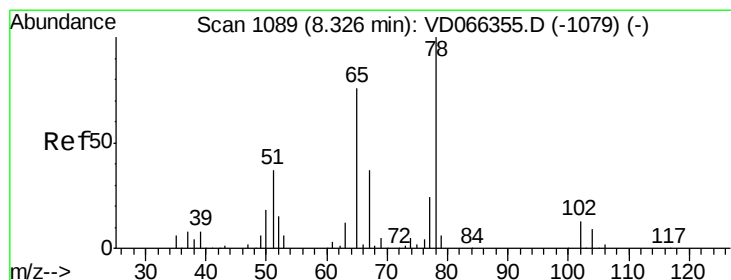
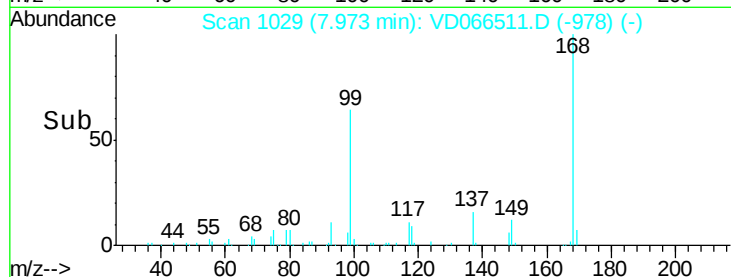
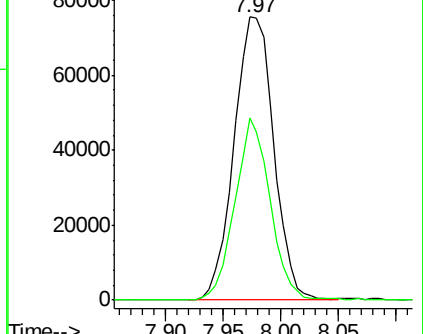
168 100

99 64.3 45.4 68.0



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: 56.963 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066511.D

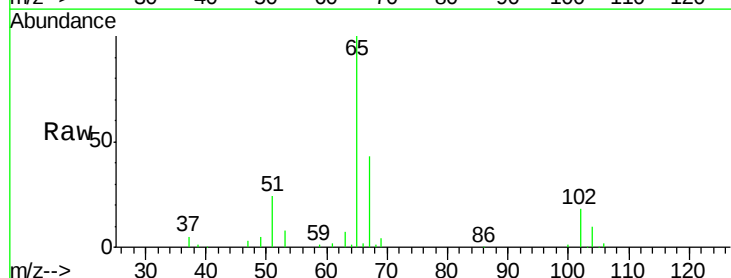
Acq: 01 Sep 2020 22:09

Tgt Ion: 65 Resp: 100685

Ion Ratio Lower Upper

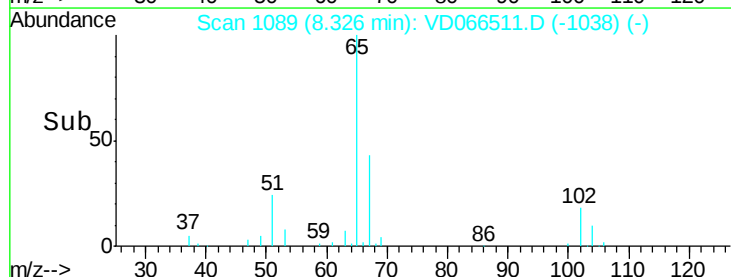
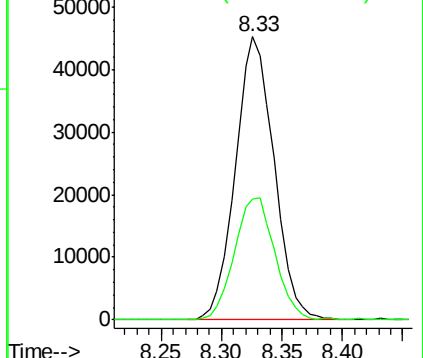
65 100

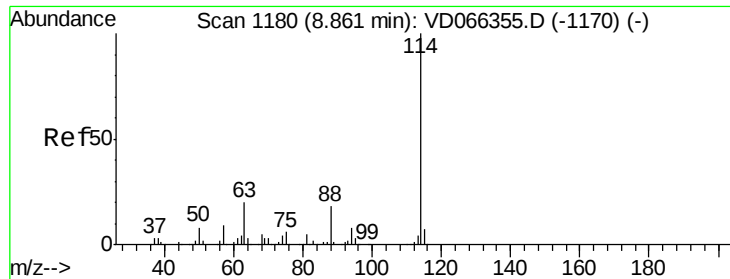
67 45.1 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

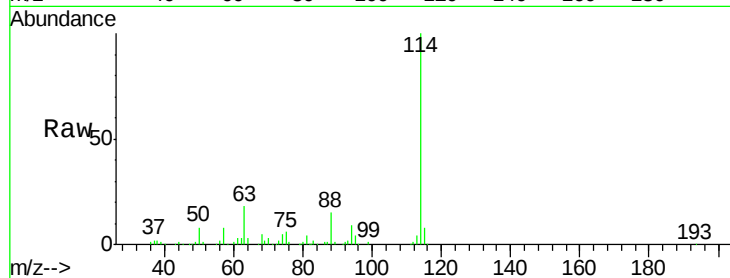




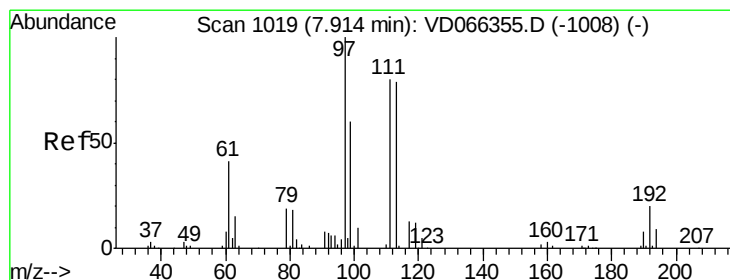
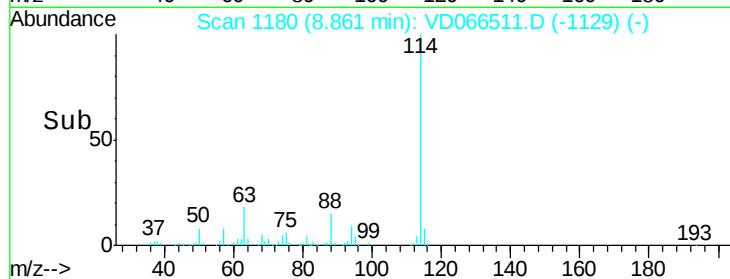
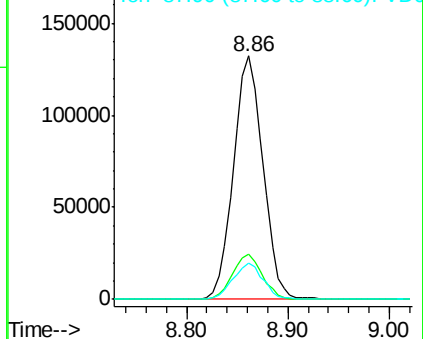
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD066511.D
Acq: 01 Sep 2020 22:09

Instrument :
MSVOA_D
ClientSampleId :
208

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	40.8
88	14.7	0.0	35.4

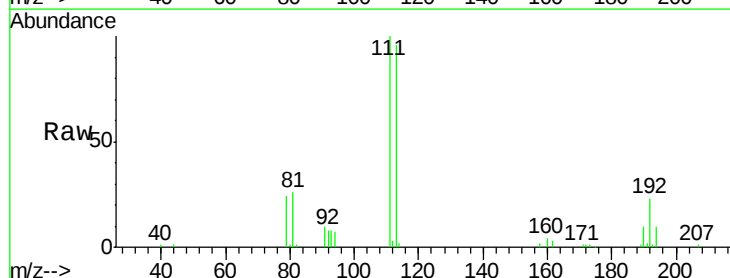


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

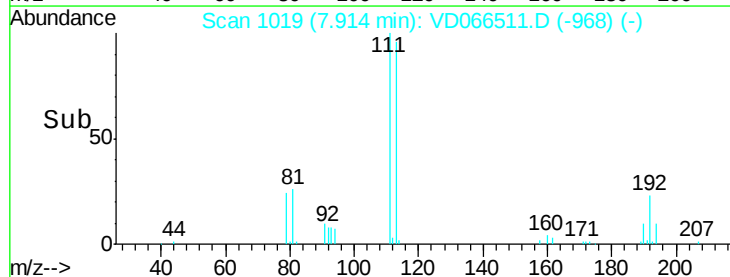
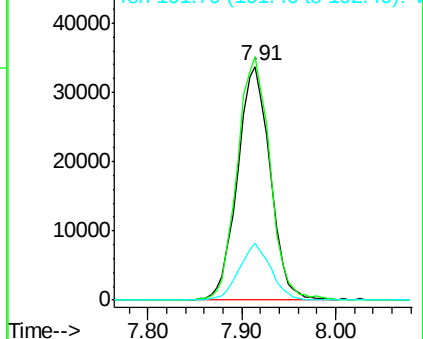


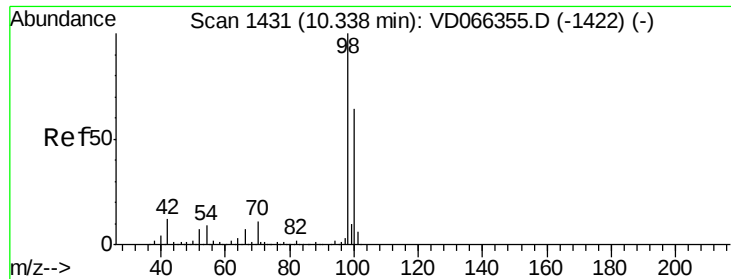
#35
Dibromofluoromethane
Concen: 48.638 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD066511.D
Acq: 01 Sep 2020 22:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	80.3	120.5
192	23.5	19.0	28.6



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: 51.063 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066511.D

Acq: 01 Sep 2020 22:09

Instrument :

MSVOA_D

ClientSampleId :

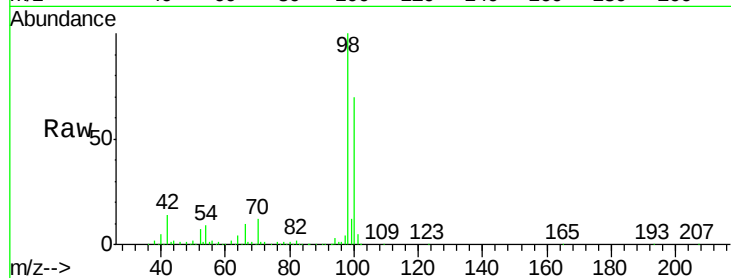
208

Tot Ion: 98 Resp: 312959

Ion Ratio Lower Upper

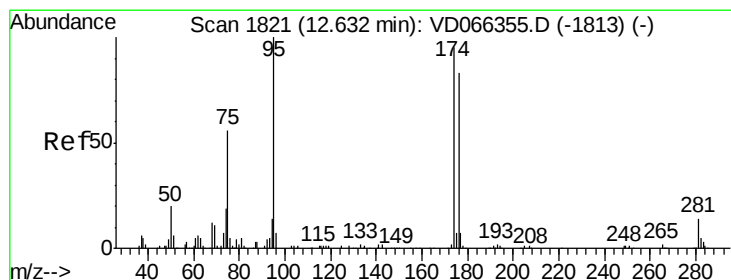
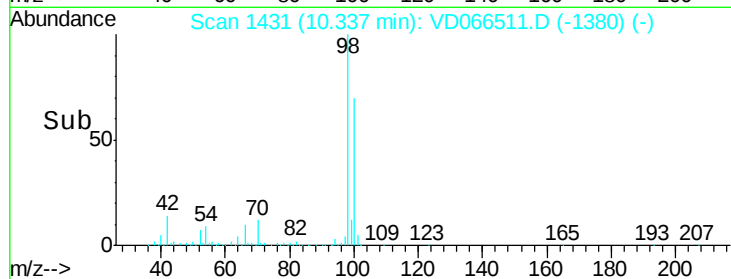
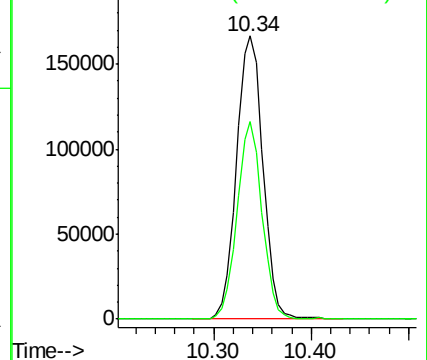
98 100

100 65.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 52.041 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066511.D

Acq: 01 Sep 2020 22:09

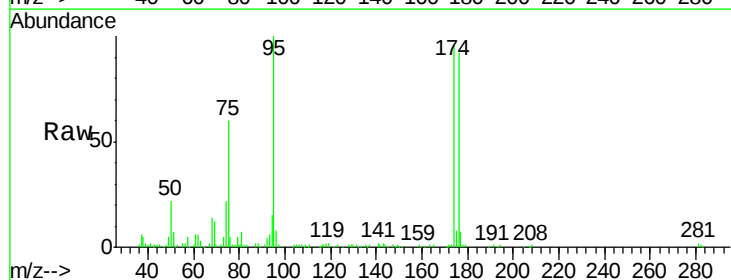
Tgt Ion: 95 Resp: 113177

Ion Ratio Lower Upper

95 100

174 95.8 0.0 183.4

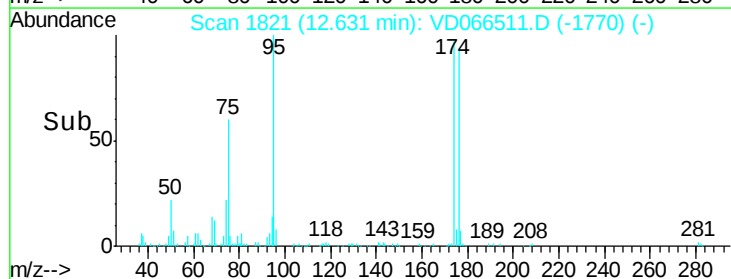
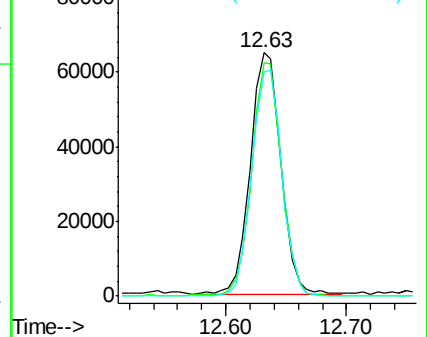
176 92.9 0.0 173.8

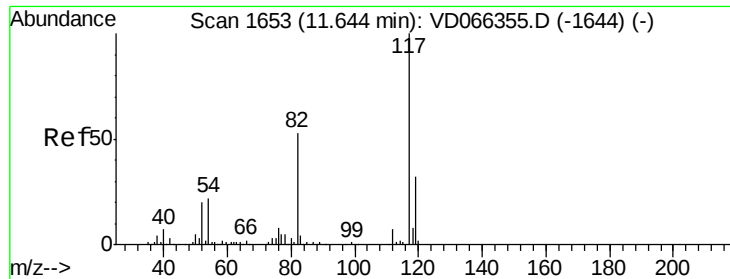


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

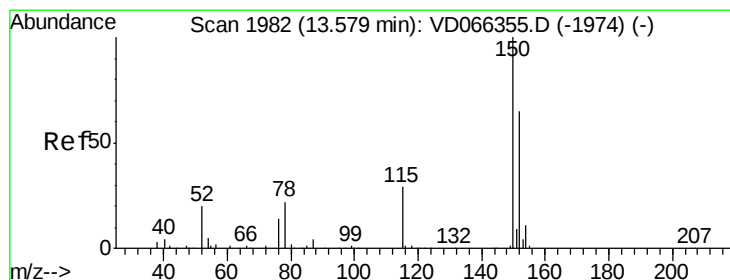
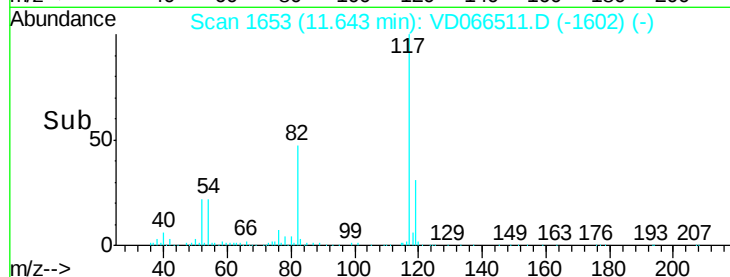
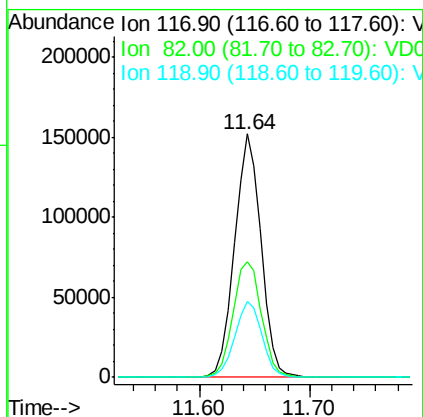
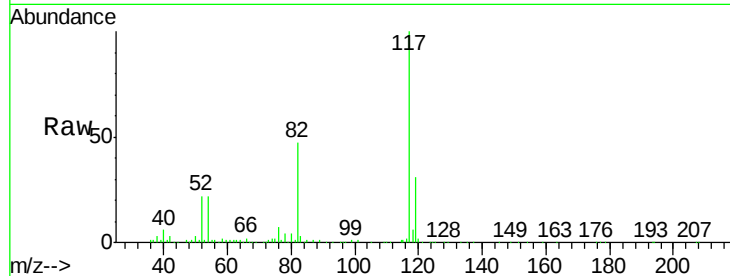




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066511.D
Acq: 01 Sep 2020 22:09

Instrument :
MSVOA_D
ClientSampleId :
208

Tot Ion	Ratio	Lower	Upper
117	100		
82	47.3	42.8	64.2
119	31.0	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: VD066511.D
Acq: 01 Sep 2020 22:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	28.3	85.0
150	156.1	0.0	343.2

