

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066938.D
 Acq On : 29 Sep 2020 14:57
 Operator : VA/SY
 Sample : L4172-05
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUP-2

Quant Time: Sep 30 03:37:30 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	421102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	706865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	742942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	353727	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	193445	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
35) Dibromofluoromethane	7.91	113	223144	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	10.34	98	864587	56.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.86%	
62) 4-Bromofluorobenzene	12.63	95	325231	62.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.00%	

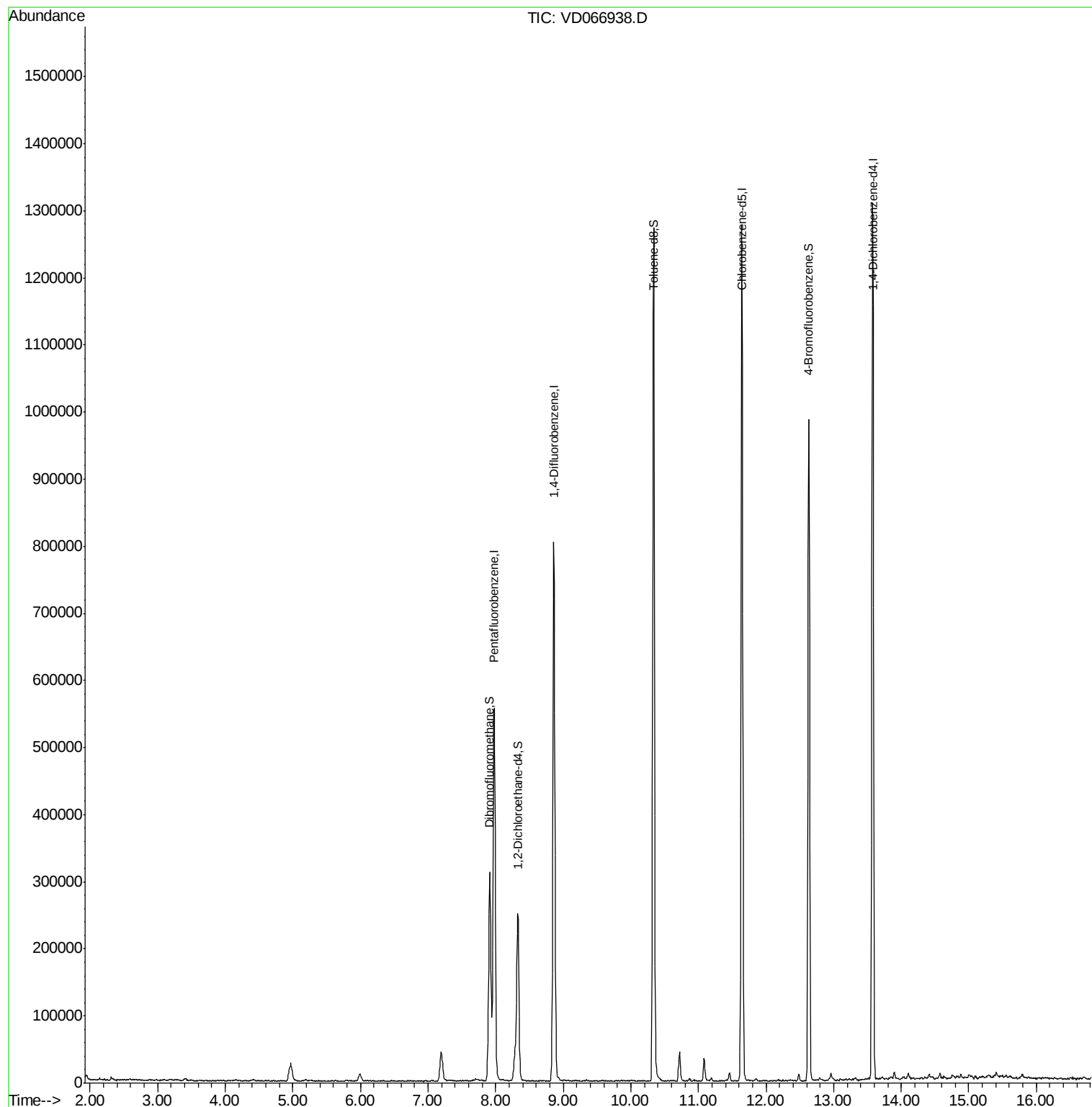
Target Compounds	Qvalue

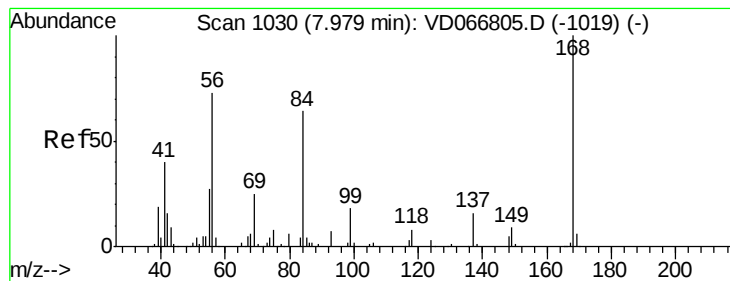
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066938.D

Acq: 29 Sep 2020 14:57

Instrument :

MSVOA_D

ClientSampleId :

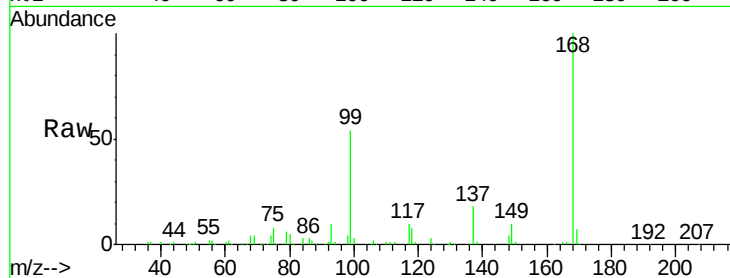
DUP-2

Tot Ion:168 Resp: 421102

Ion Ratio Lower Upper

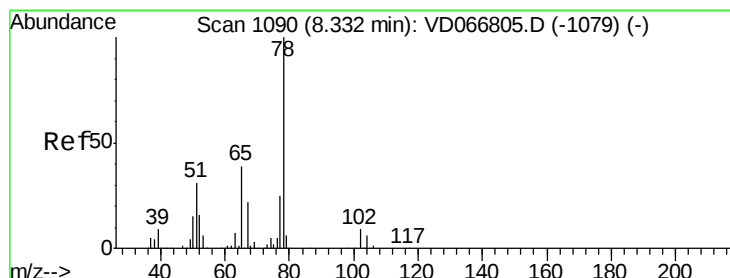
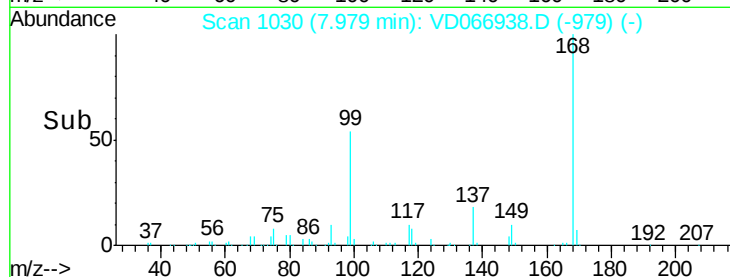
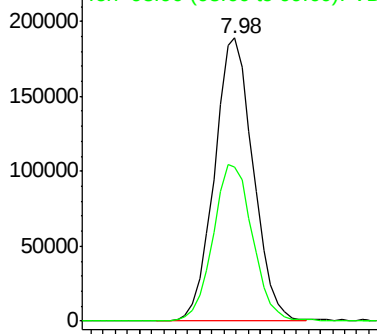
168 100

99 54.4 46.6 69.8



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: 46.935 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066938.D

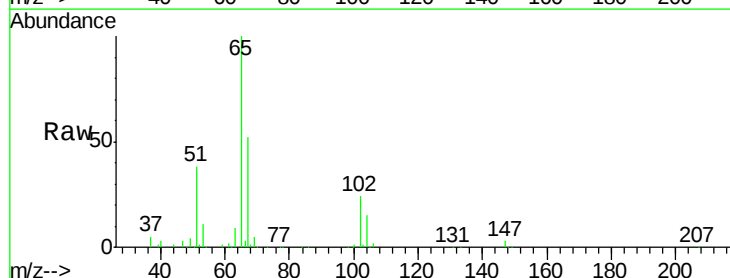
Acq: 29 Sep 2020 14:57

Tgt Ion: 65 Resp: 193445

Ion Ratio Lower Upper

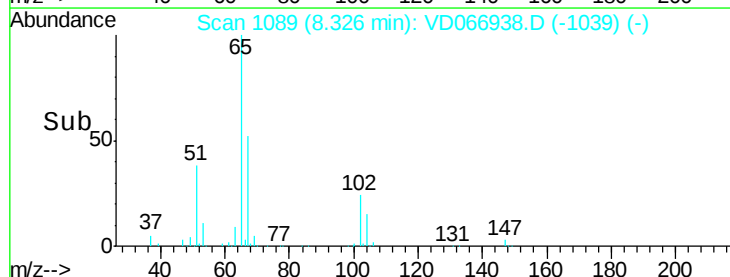
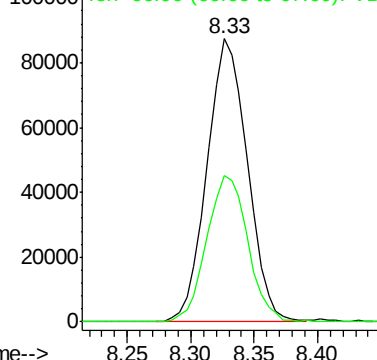
65 100

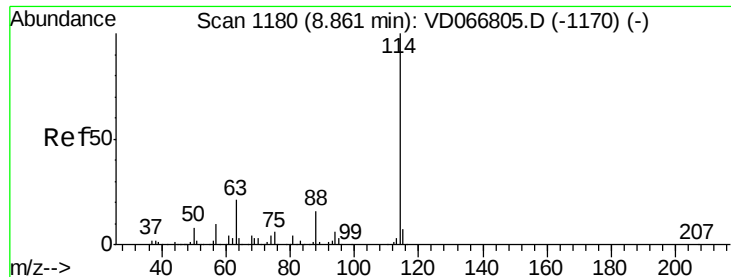
67 52.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

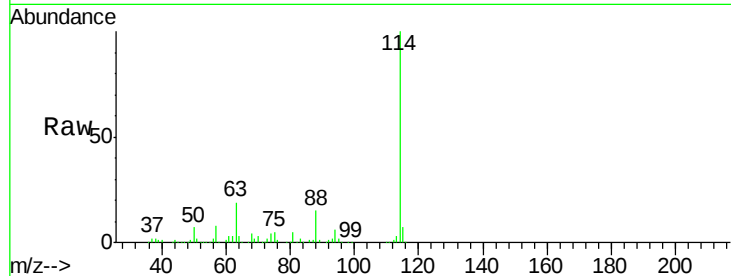




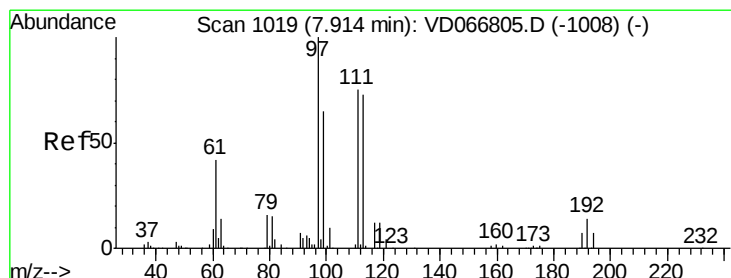
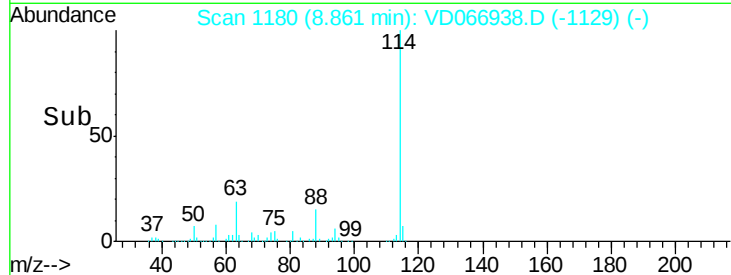
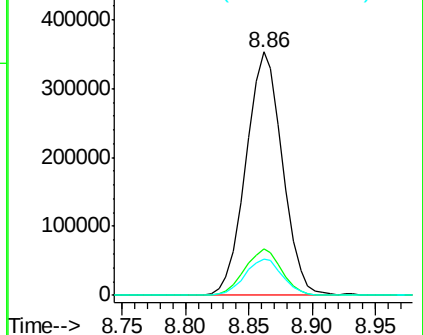
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066938.D
 Acq: 29 Sep 2020 14:57

Instrument :
 MSVOA_D
 ClientSampleId :
 DUP-2

Tot Ion:114	Resp:	706865
Ion Ratio	Lower	Upper
114 100		
63 19.1	0.0	42.6
88 14.7	0.0	32.6

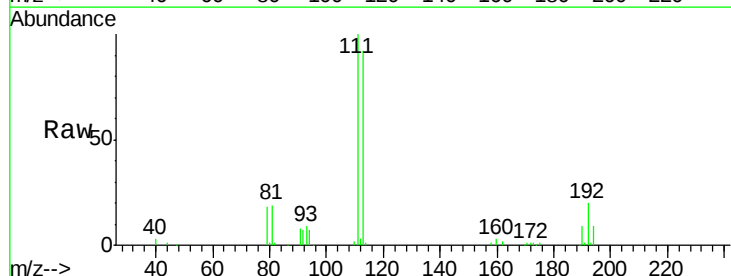


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

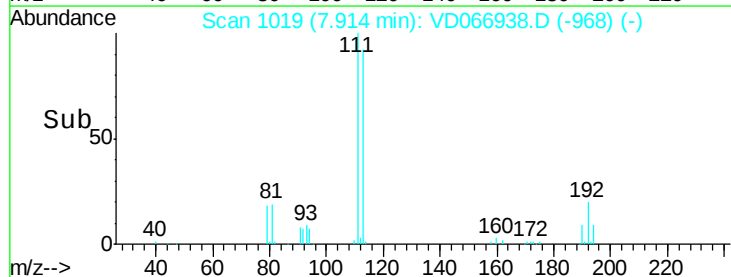
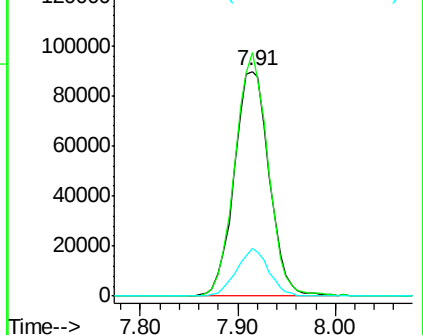


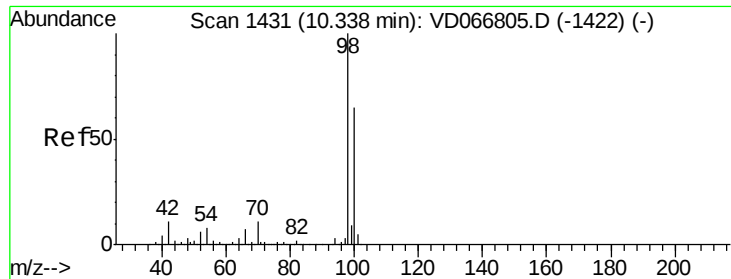
#35
 Dibromofluoromethane
 Concen: 49.620 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066938.D
 Acq: 29 Sep 2020 14:57

Tgt Ion:113	Resp:	223144
Ion Ratio	Lower	Upper
113 100		
111 102.8	81.8	122.8
192 19.5	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

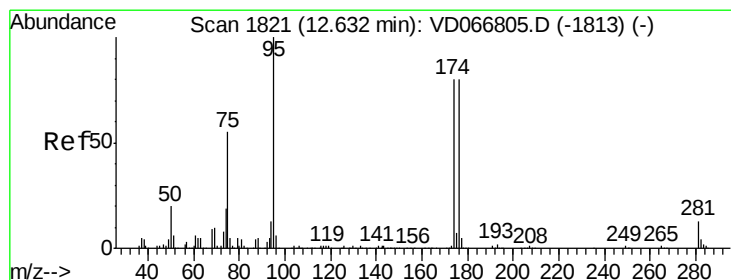
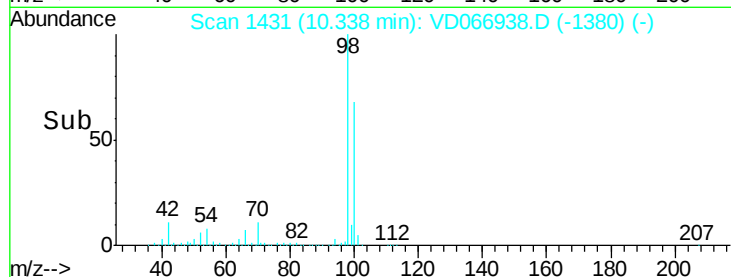
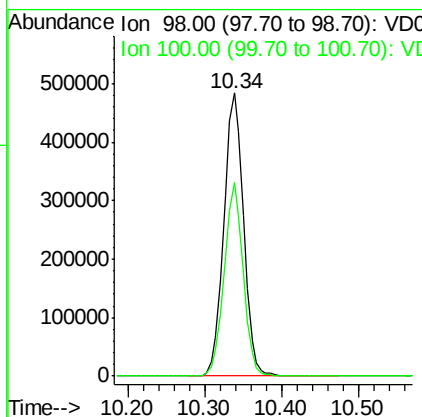
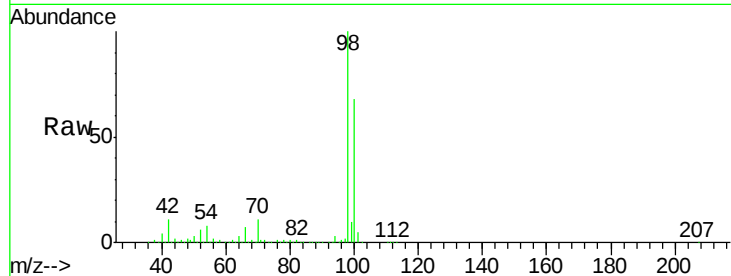




#50
Toluene-d8
Concen: 56.427 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066938.D
Acq: 29 Sep 2020 14:57

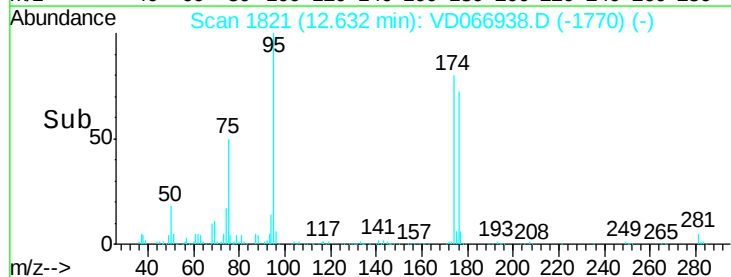
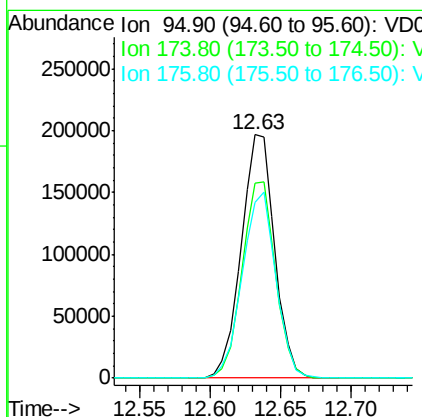
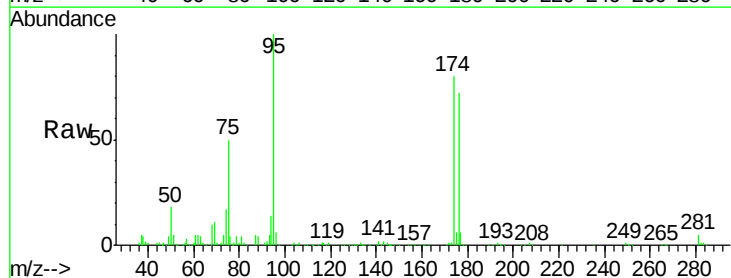
Instrument :
MSVOA_D
ClientSampleId :
DUP-2

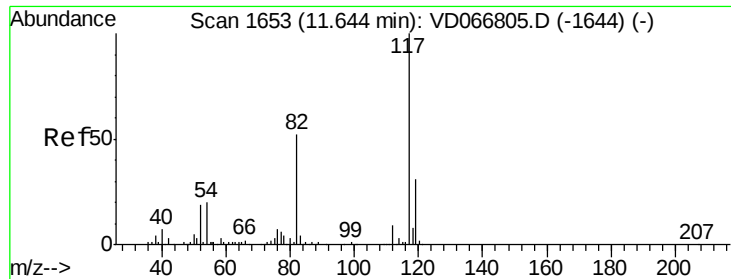
Tot Ion: 98 Resp: 864587
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 62.003 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066938.D
Acq: 29 Sep 2020 14:57

Tgt Ion: 95 Resp: 325231
Ion Ratio Lower Upper
95 100
174 80.8 0.0 159.8
176 76.9 0.0 154.4

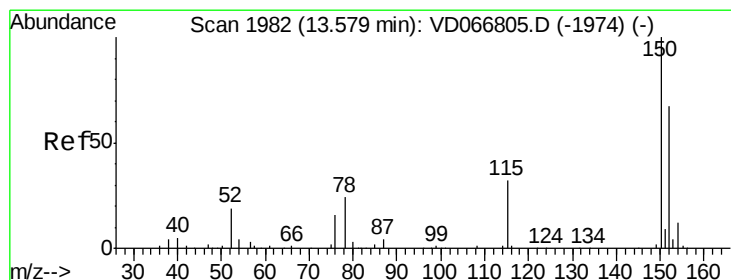
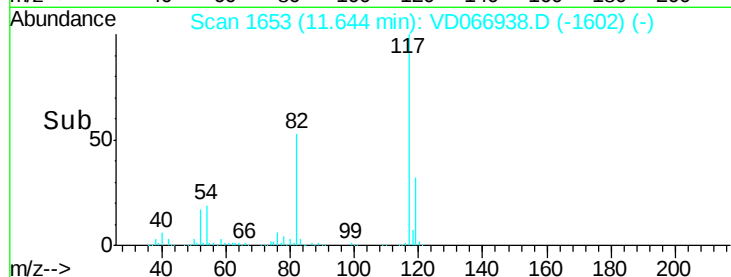
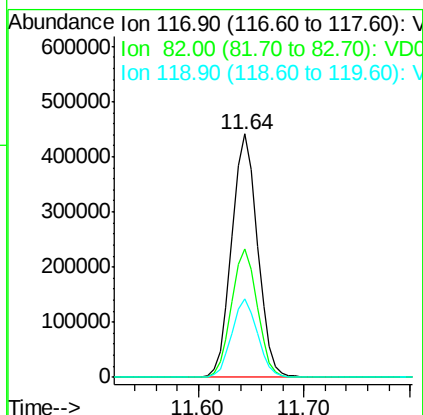
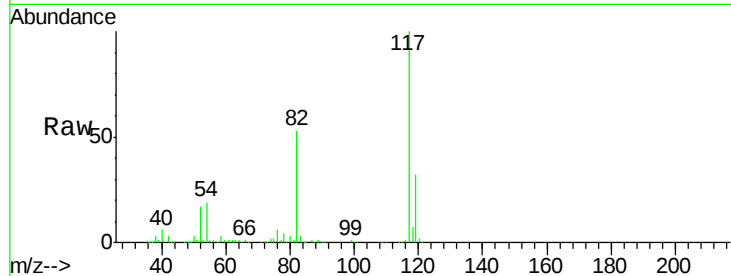




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066938.D
Acq: 29 Sep 2020 14:57

Instrument :
MSVOA_D
ClientSampleId :
DUP-2

Tot Ion:117 Resp: 742942
Ion Ratio Lower Upper
117 100
82 52.8 41.8 62.6
119 32.3 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: VD066938.D
Acq: 29 Sep 2020 14:57

Tgt Ion:152 Resp: 353727
Ion Ratio Lower Upper
152 100
115 59.4 30.3 91.0
150 157.8 0.0 346.2

