

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081720\
 Data File : VD066263.D
 Acq On : 17 Aug 2020 17:41
 Operator : VA/SY
 Sample : L3659-04
 Misc : 4.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP1-2

Quant Time: Aug 18 08:21:44 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	21065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	35792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	49228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	30481	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	13751	73.17	ug/l	0.00
Spiked Amount			Recovery	=	146.34%	
35) Dibromofluoromethane	7.91	113	12667	55.87	ug/l	0.00
Spiked Amount			Recovery	=	111.74%	
50) Toluene-d8	10.33	98	42657	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.63	95	25276	83.80	ug/l	0.00
Spiked Amount			Recovery	=	167.60%	

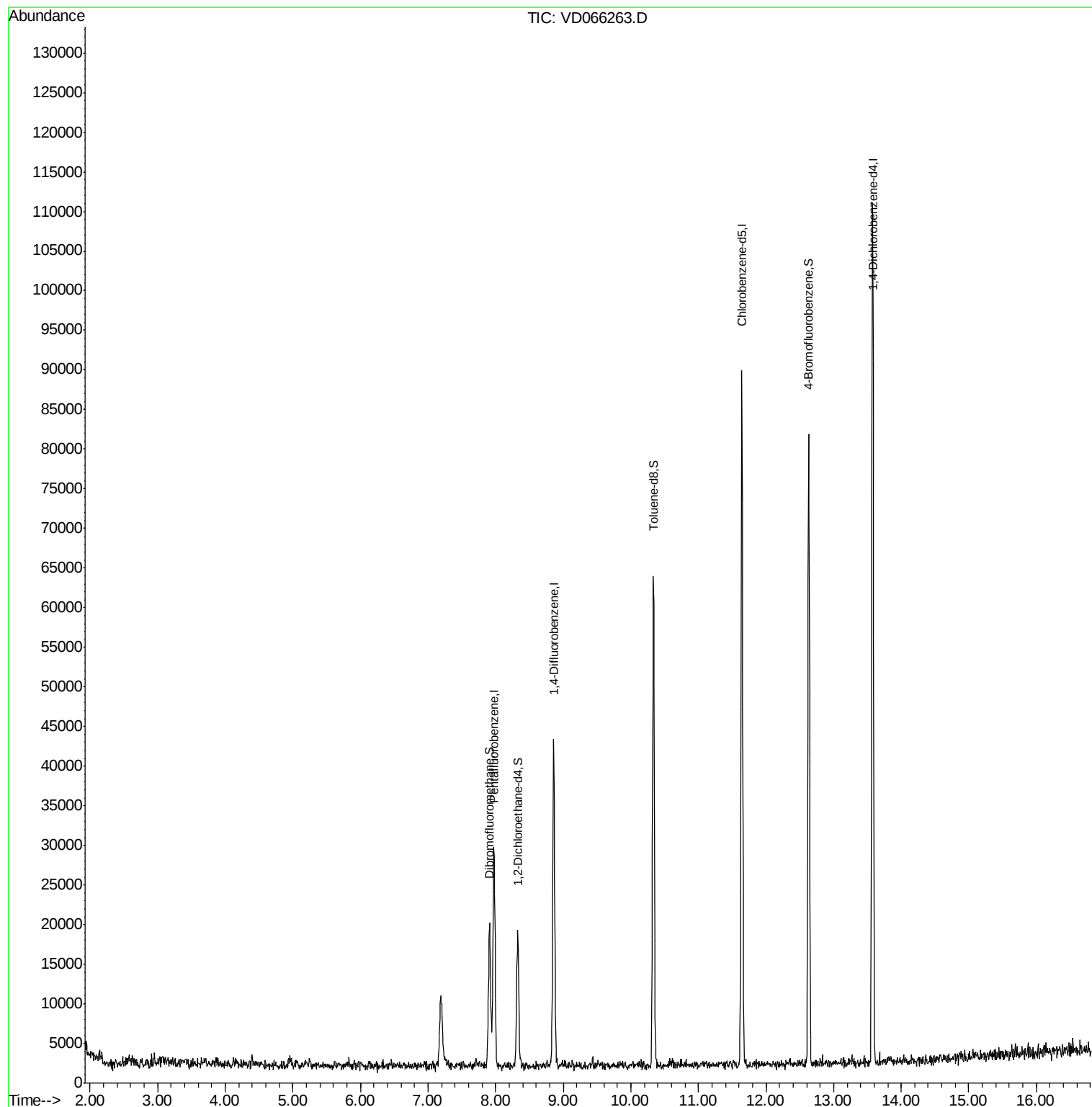
Target Compounds	Qvalue
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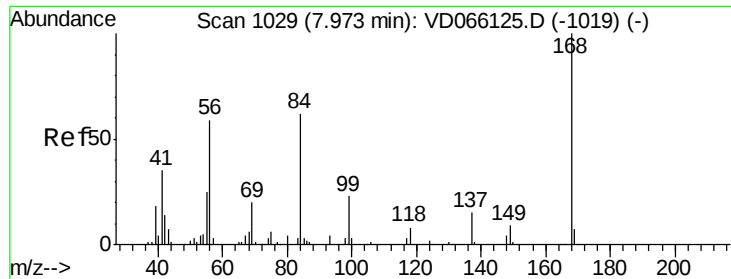
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066263.D

Acq: 17 Aug 2020 17:41

Instrument :

MSVOA_D

ClientSampled :

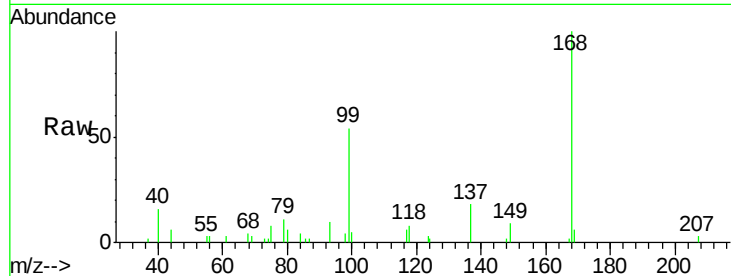
SP1-2

Tot Ion:168 Resp: 21065

Ion Ratio Lower Upper

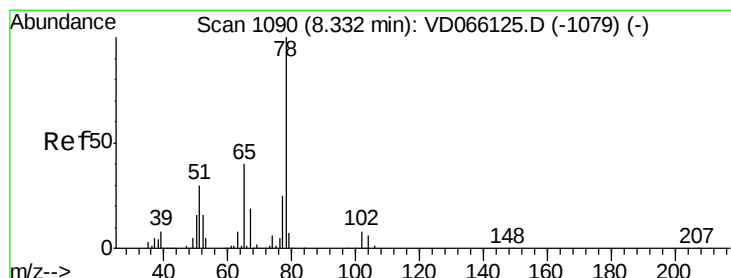
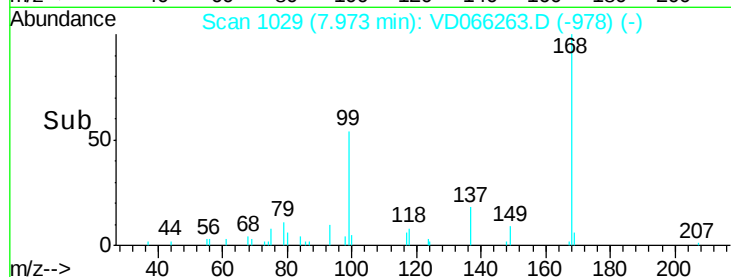
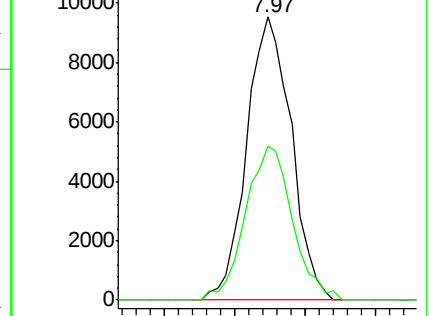
168 100

99 54.3 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: 73.170 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066263.D

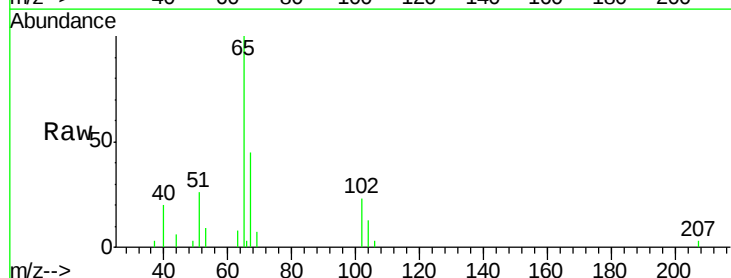
Acq: 17 Aug 2020 17:41

Tgt Ion: 65 Resp: 13751

Ion Ratio Lower Upper

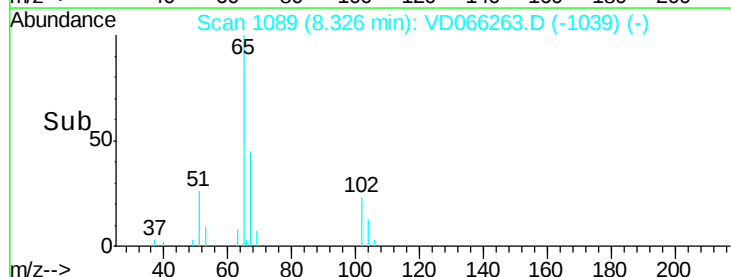
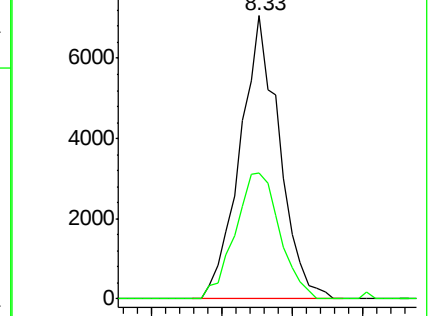
65 100

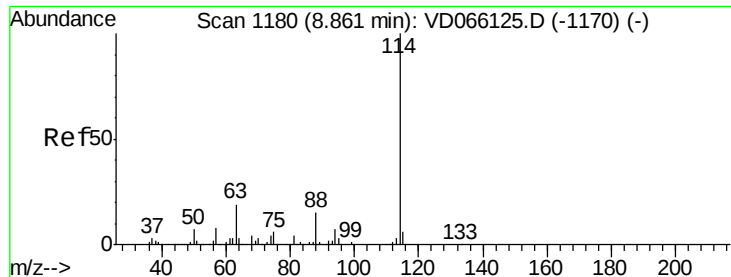
67 50.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

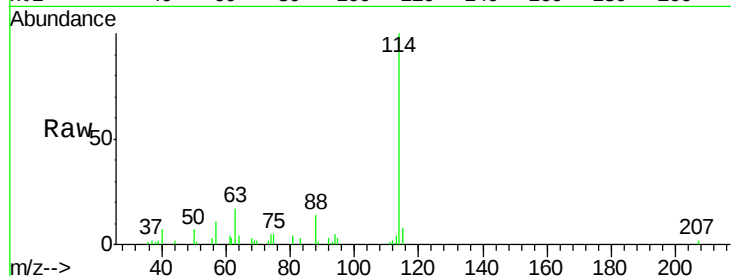




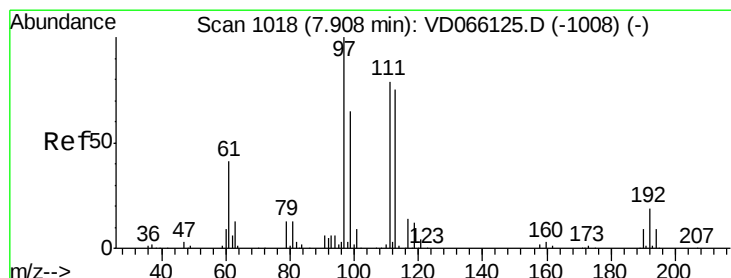
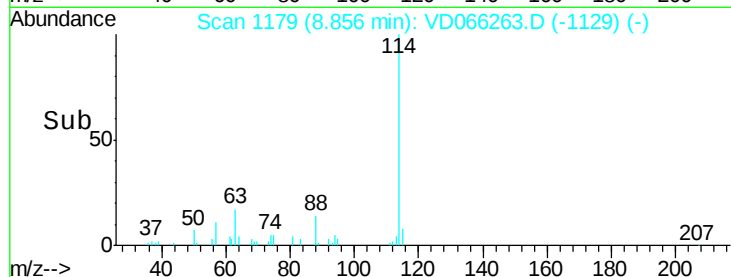
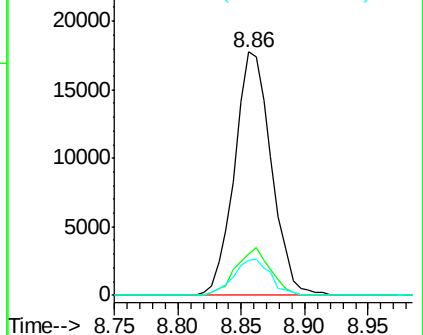
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066263.D
 Acq: 17 Aug 2020 17:41

Instrument :
 MSVOA_D
 ClientSampleId :
 SP1-2

Tot Ion:114 Resp: 35792
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 38.6
 88 14.2 0.0 30.0

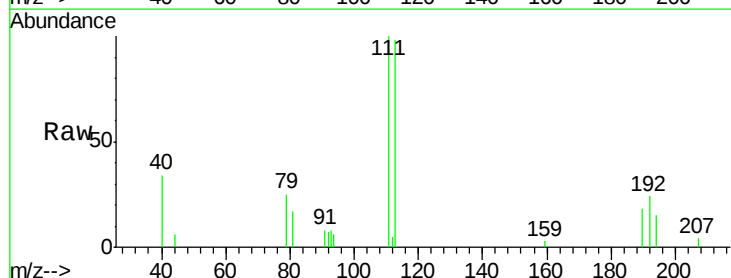


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

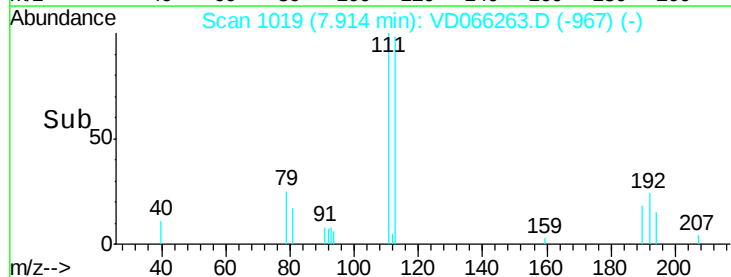
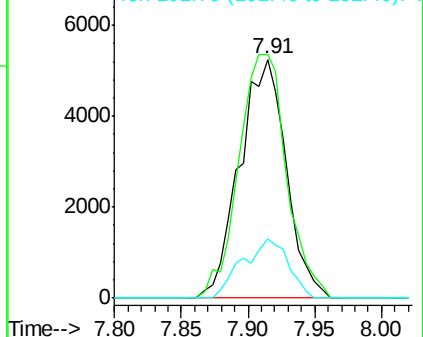


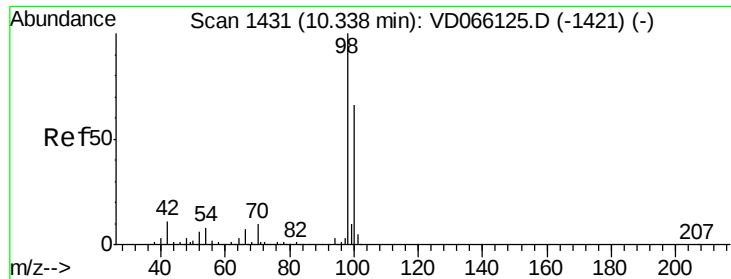
#35
 Dibromofluoromethane
 Concen: 55.866 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066263.D
 Acq: 17 Aug 2020 17:41

Tgt Ion:113 Resp: 12667
 Ion Ratio Lower Upper
 113 100
 111 104.8 80.7 121.1
 192 24.4 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

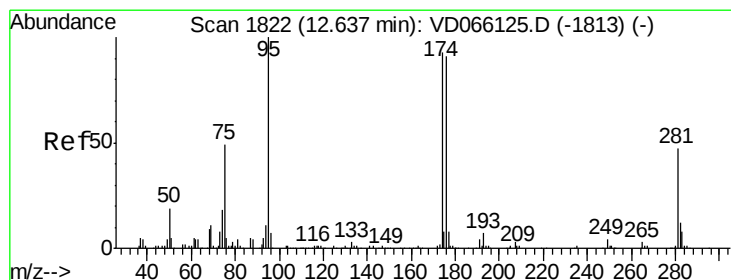
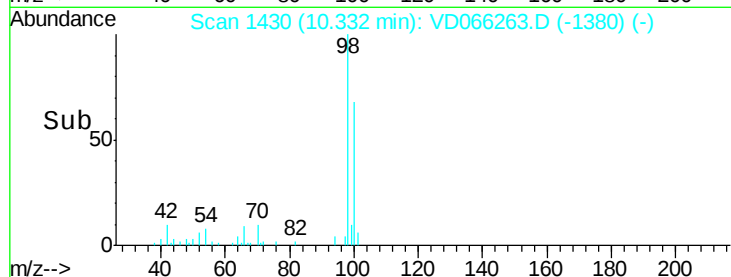
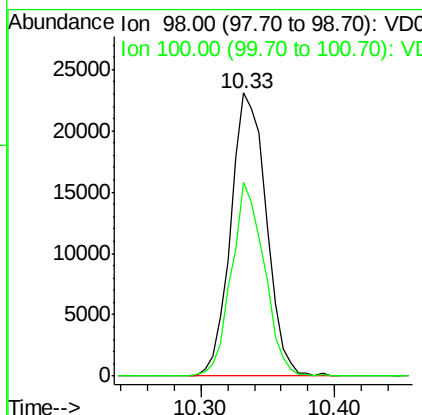
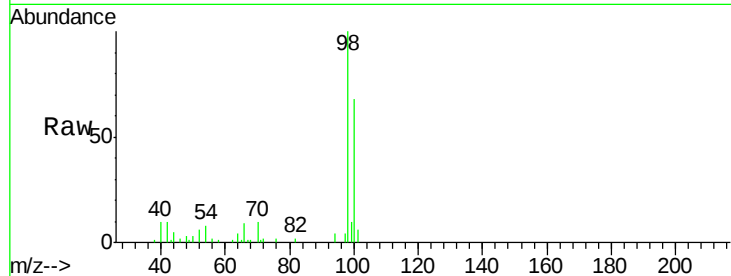




#50
Toluene-d8
Concen: 50.981 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066263.D
Acq: 17 Aug 2020 17:41

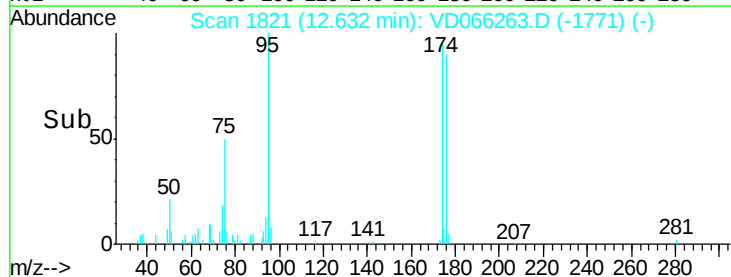
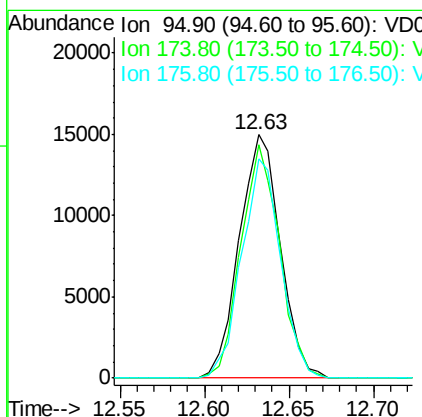
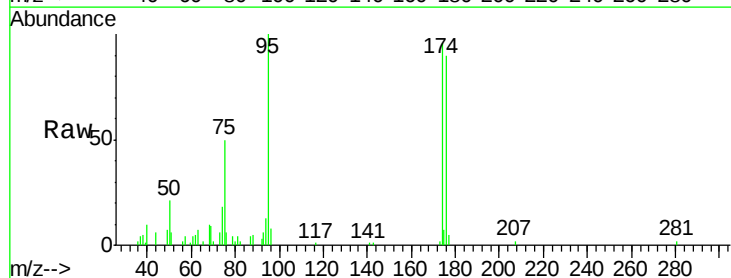
Instrument :
MSVOA_D
ClientSampled :
SP1-2

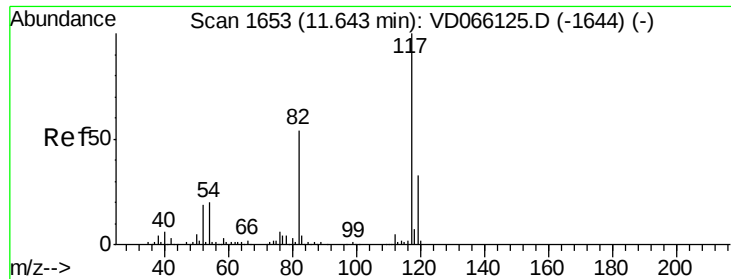
Tot Ion: 98 Resp: 42657
Ion Ratio Lower Upper
98 100
100 63.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 83.805 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066263.D
Acq: 17 Aug 2020 17:41

Tgt Ion: 95 Resp: 25276
Ion Ratio Lower Upper
95 100
174 89.8 0.0 180.8
176 85.7 0.0 181.2

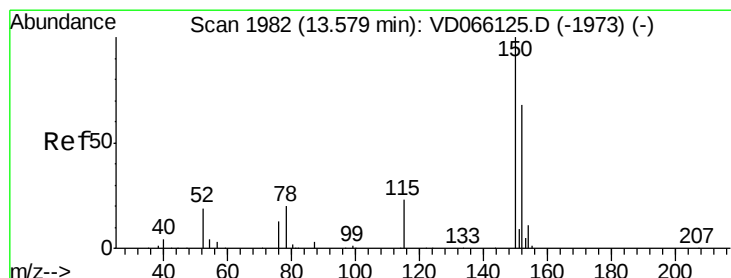
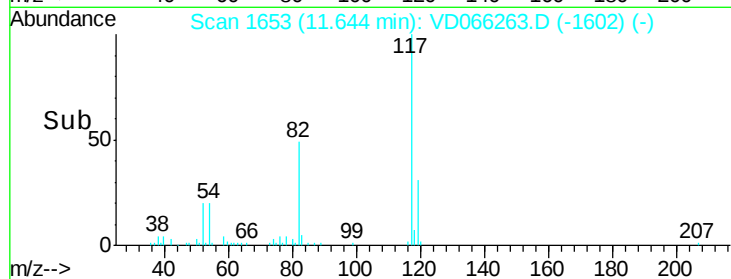
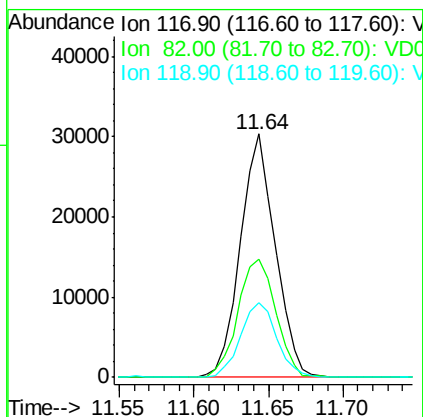
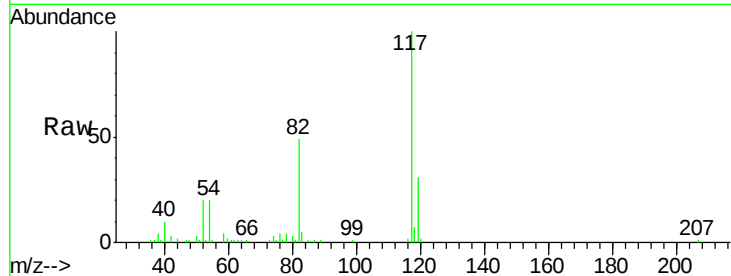




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066263.D
Acq: 17 Aug 2020 17:41

Instrument :
MSVOA_D
ClientSampleId :
SP1-2

Tot Ion:117 Resp: 49228
Ion Ratio Lower Upper
117 100
82 48.8 43.0 64.4
119 30.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.01 min
Lab File: VD066263.D
Acq: 17 Aug 2020 17:41

Tgt Ion:152 Resp: 30481
Ion Ratio Lower Upper
152 100
115 59.6 28.0 83.9
150 158.0 0.0 346.4

