

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081020\
 Data File : VD066166.D
 Acq On : 10 Aug 2020 16:01
 Operator : VA/SY
 Sample : L3594-01
 Misc : 7.65G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Aug 11 05:42:06 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	289915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	479241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	531704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	298880	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	123192	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
35) Dibromofluoromethane	7.91	113	149273	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	10.33	98	593279	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
62) 4-Bromofluorobenzene	12.63	95	259997	64.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.76%	

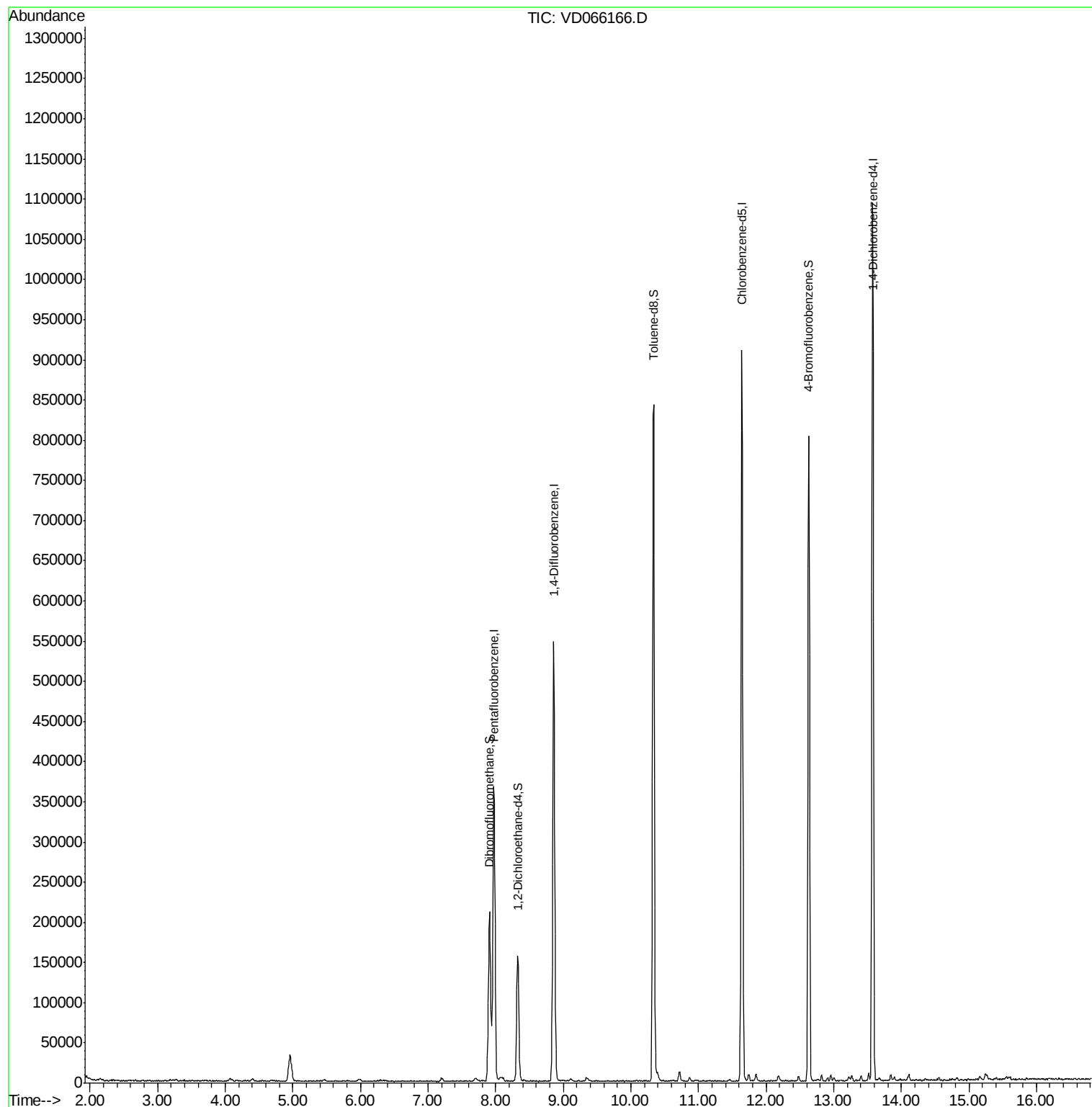
Target Compounds	Qvalue

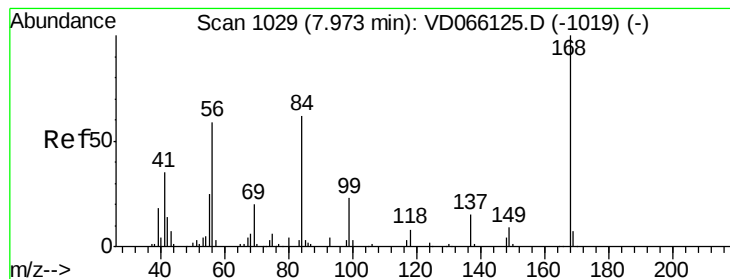
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066166.D

Acq: 10 Aug 2020 16:01

Instrument :

MSVOA_D

ClientSampleId :

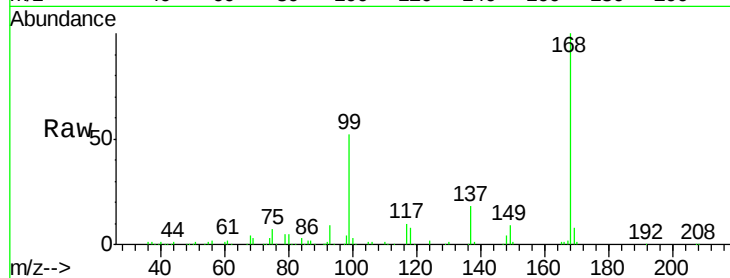
TP-1

Tot Ion:168 Resp: 289915

Ion Ratio Lower Upper

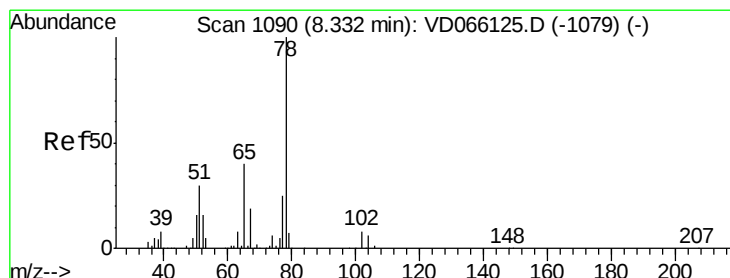
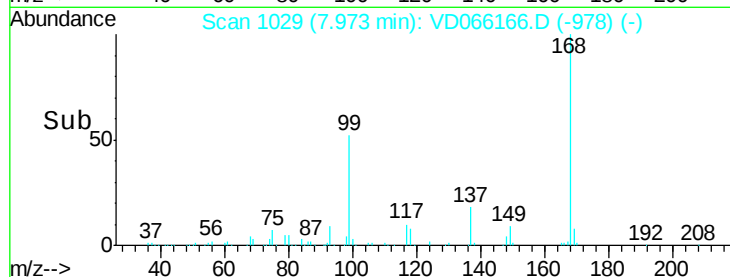
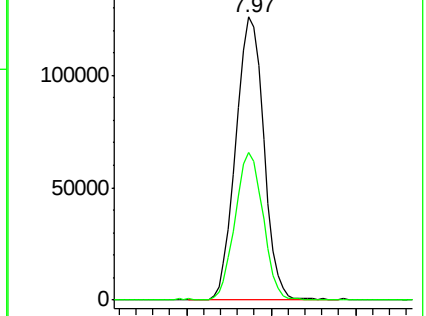
168 100

99 52.1 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: 47.629 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066166.D

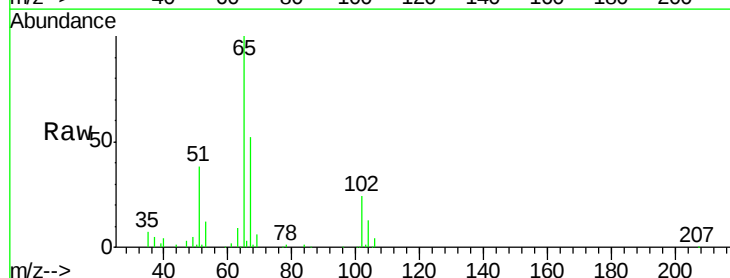
Acq: 10 Aug 2020 16:01

Tgt Ion: 65 Resp: 123192

Ion Ratio Lower Upper

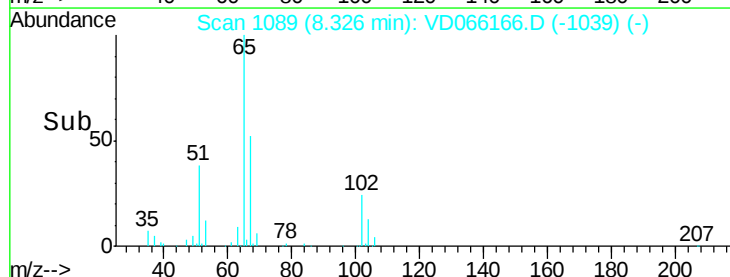
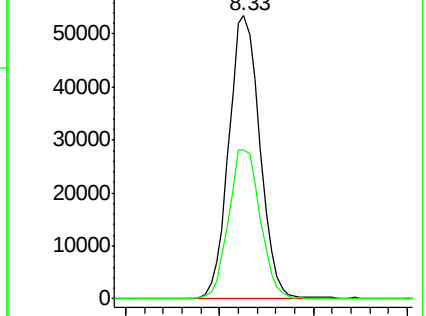
65 100

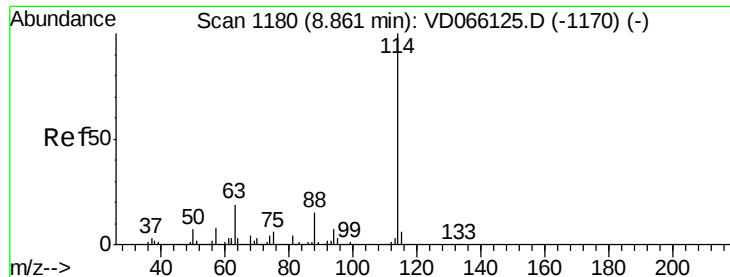
67 53.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

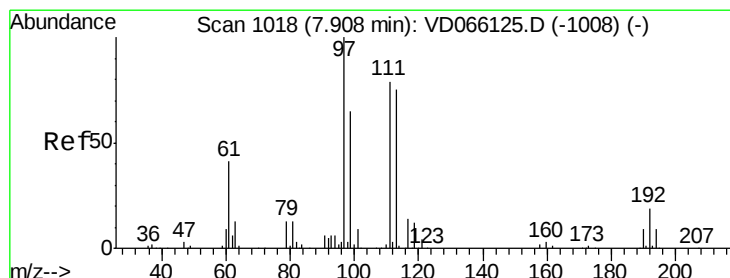
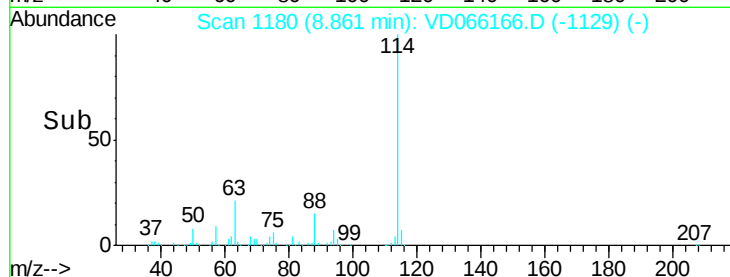
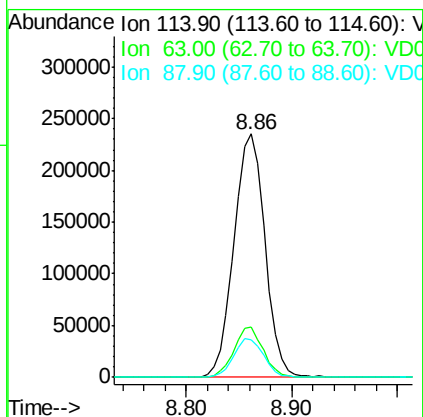
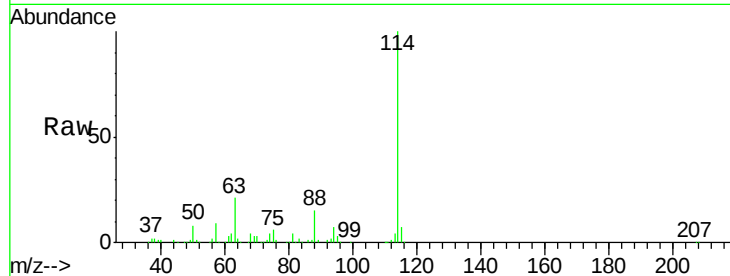




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066166.D
 Acq: 10 Aug 2020 16:01

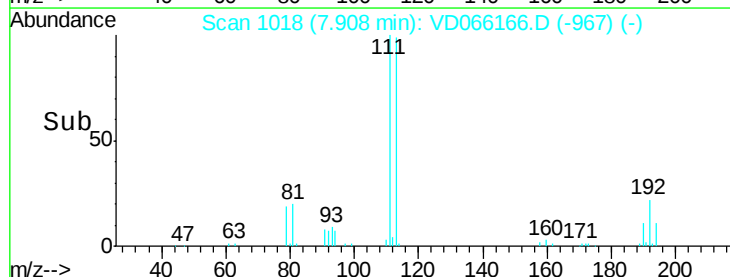
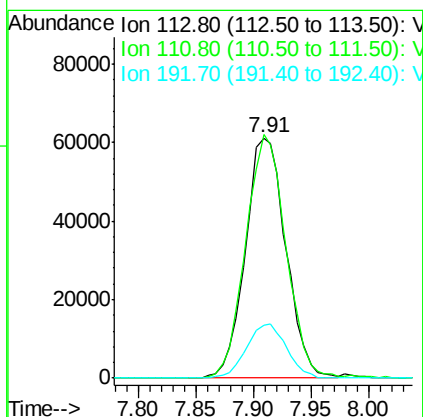
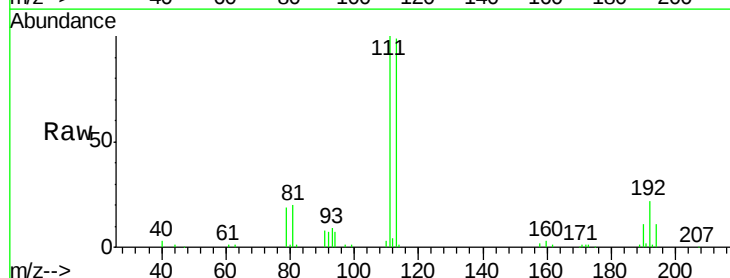
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

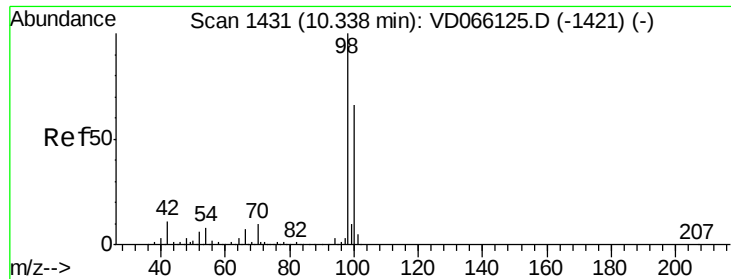
Tot Ion:114 Resp: 479241
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.6
 88 15.2 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 49.169 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066166.D
 Acq: 10 Aug 2020 16:01

Tgt Ion:113 Resp: 149273
 Ion Ratio Lower Upper
 113 100
 111 100.7 80.7 121.1
 192 22.2 18.4 27.6

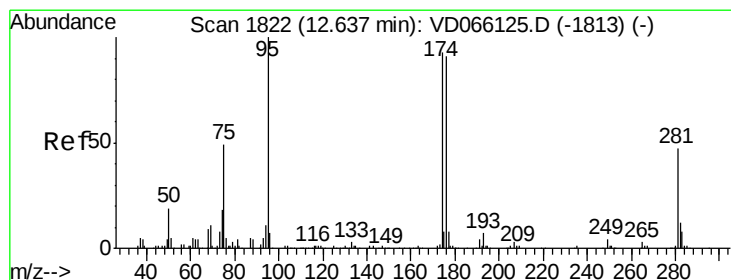
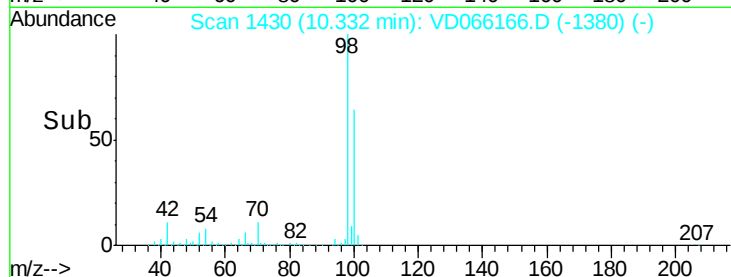
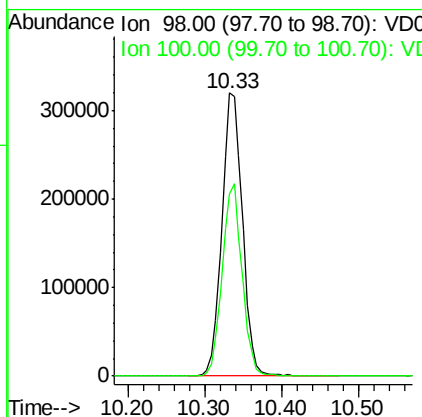
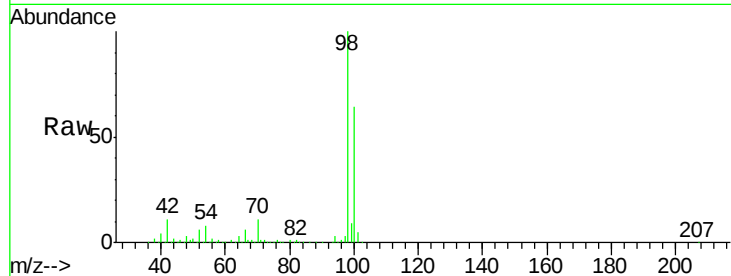




#50
Toluene-d8
Concen: 52.955 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066166.D
Acq: 10 Aug 2020 16:01

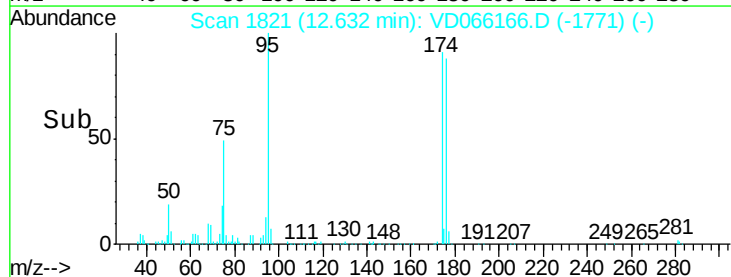
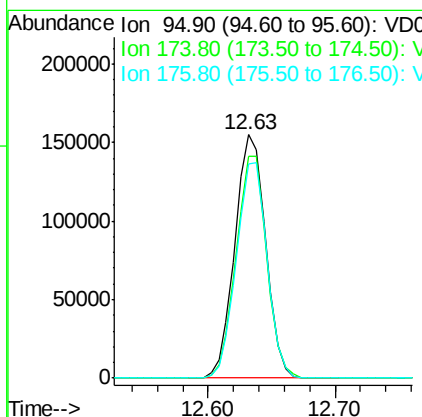
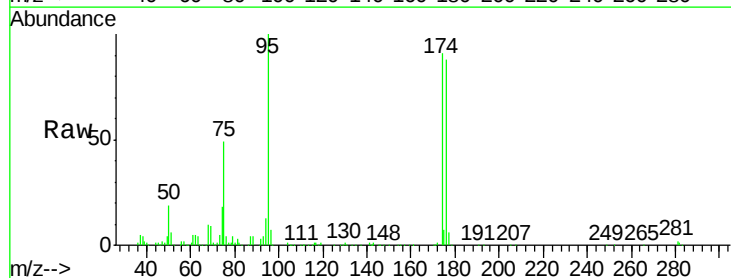
Instrument :
MSVOA_D
ClientSampleId :
TP-1

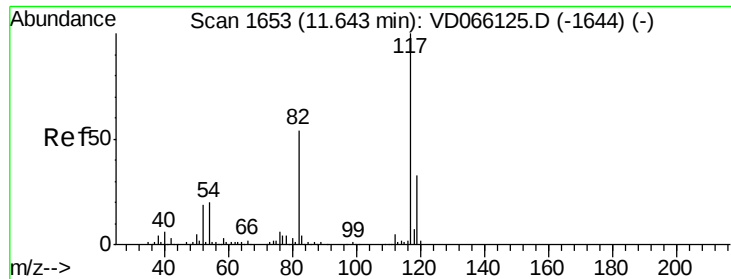
Tot Ion: 98 Resp: 593279
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 64.382 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066166.D
Acq: 10 Aug 2020 16:01

Tgt Ion: 95 Resp: 259997
Ion Ratio Lower Upper
95 100
174 91.1 0.0 180.8
176 88.4 0.0 181.2

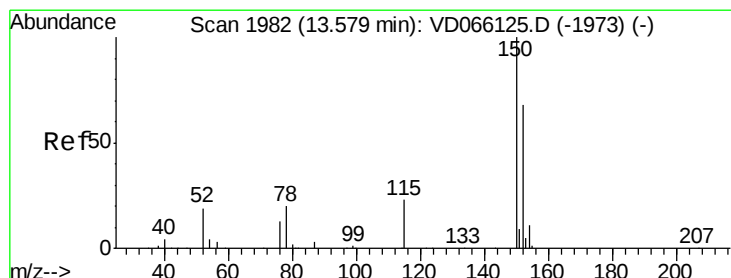
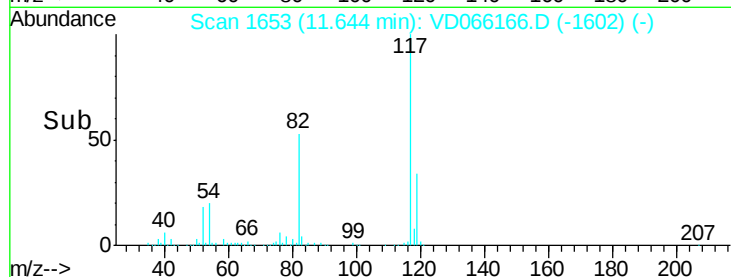
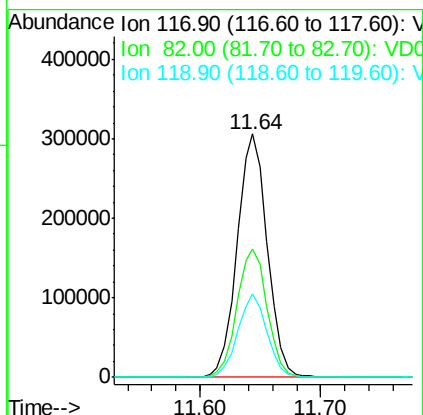
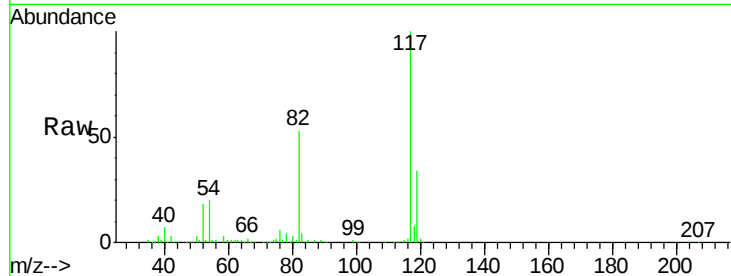




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066166.D
Acq: 10 Aug 2020 16:01

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion:117 Resp: 531704
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 34.1 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: VD066166.D
Acq: 10 Aug 2020 16:01

Tgt Ion:152 Resp: 298880
Ion Ratio Lower Upper
152 100
115 56.9 28.0 83.9
150 157.1 0.0 346.4

