

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066304.D
 Acq On : 19 Aug 2020 05:23
 Operator : VA/SY
 Sample : L3689-07
 Misc : 5.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Aug 19 08:45:11 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	7.98	168	209601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	212644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	67893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	158997	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	104978	56.14	ug/l	0.00
Spiked Amount						
			Recovery	=	112.28%	
35) Dibromofluoromethane	7.91	113	106266	78.89	ug/l	0.00
Spiked Amount						
			Recovery	=	157.78%	
50) Toluene-d8	10.34	98	33680	6.78	ug/l	0.00
Spiked Amount						
			Recovery	=	13.56%	
62) 4-Bromofluorobenzene	12.63	95	135765	75.77	ug/l	0.00
Spiked Amount						
			Recovery	=	151.54%	

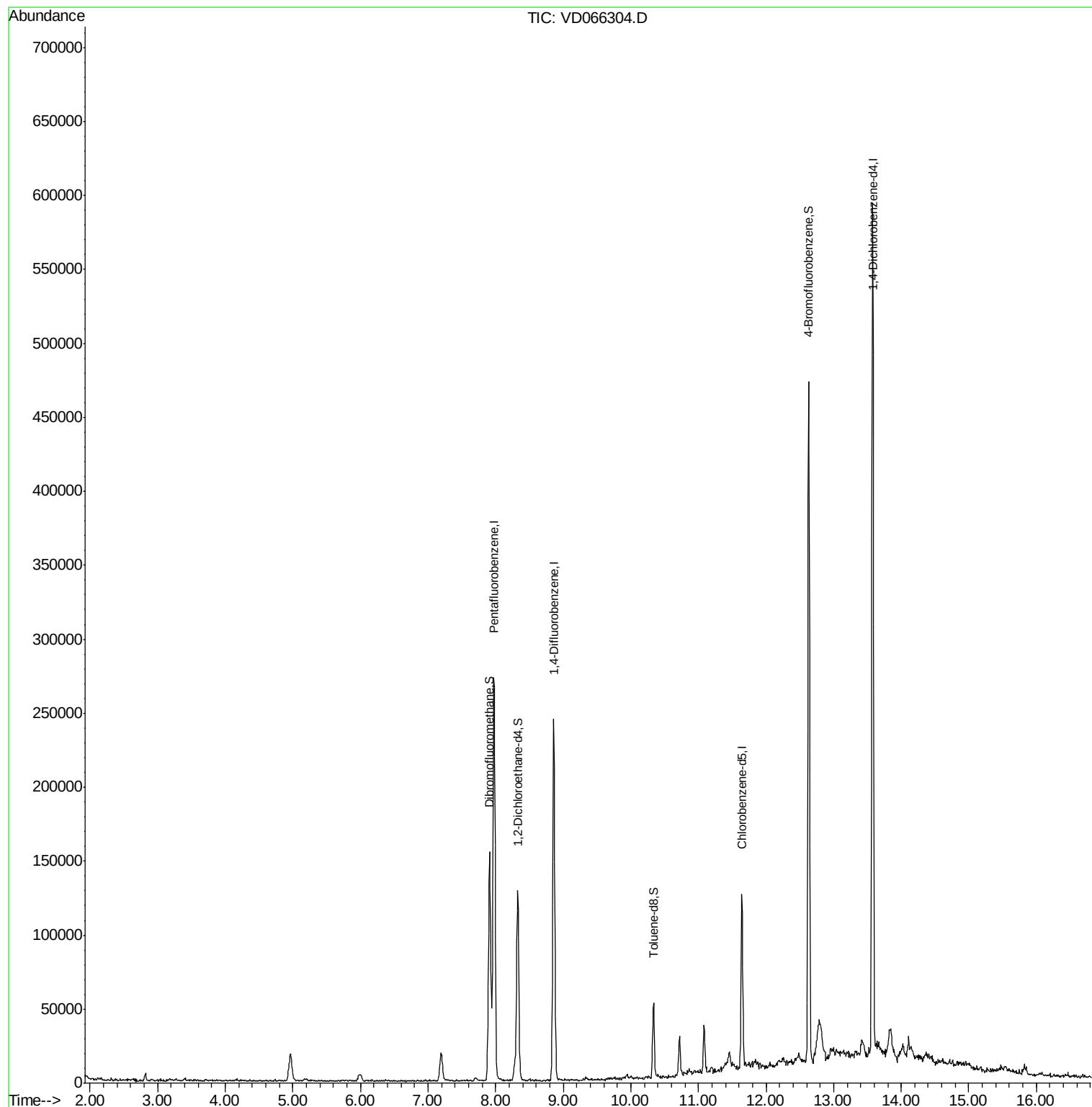
Target Compounds	Qvalue

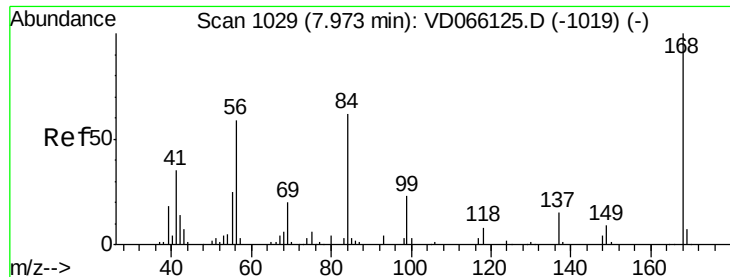
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066304.D

Acq: 19 Aug 2020 05:23

Instrument :

MSVOA_D

ClientSampleId :

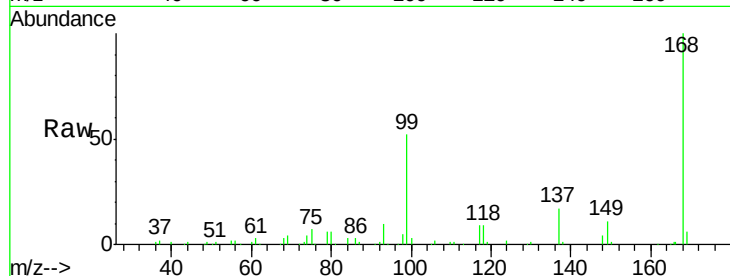
TP-4

Tot Ion:168 Resp: 209601

Ion Ratio Lower Upper

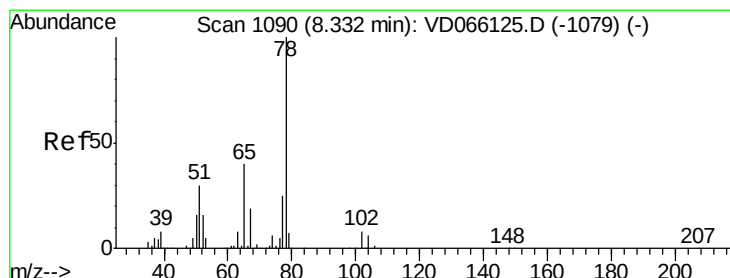
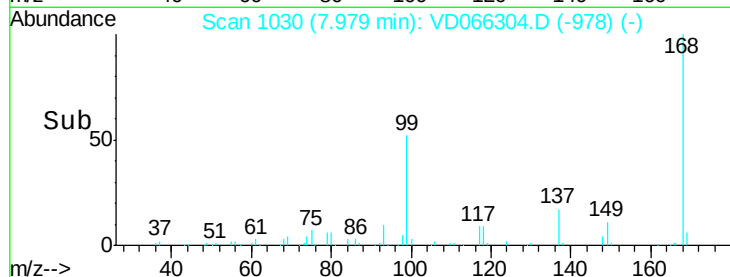
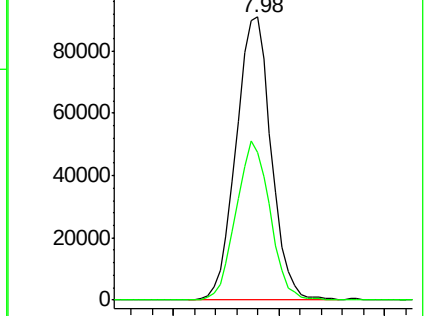
168 100

99 52.2 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: 56.139 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066304.D

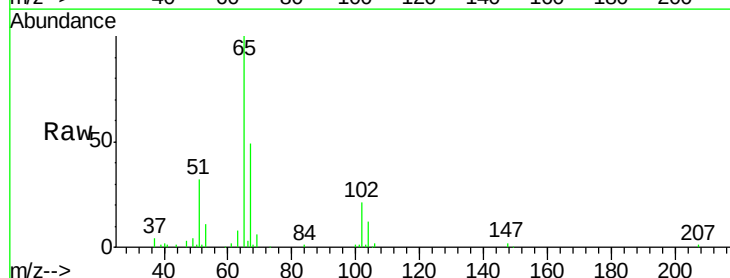
Acq: 19 Aug 2020 05:23

Tgt Ion: 65 Resp: 104978

Ion Ratio Lower Upper

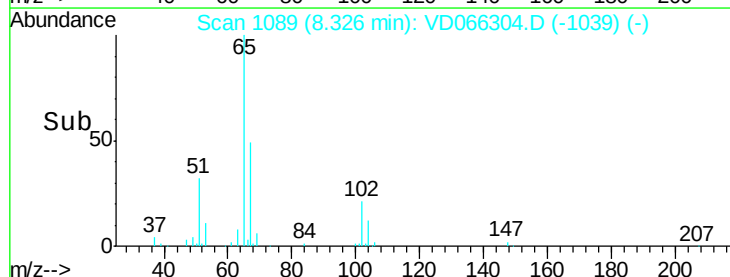
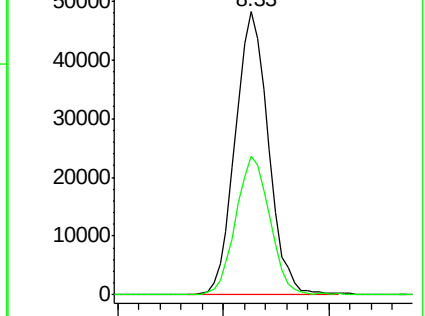
65 100

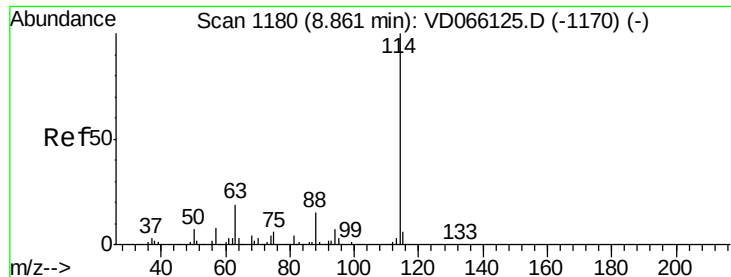
67 50.1 0.0 104.6



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: VD066304.D

Acq: 19 Aug 2020 05:23

Instrument :

MSVOA_D

ClientSampled :

TP-4

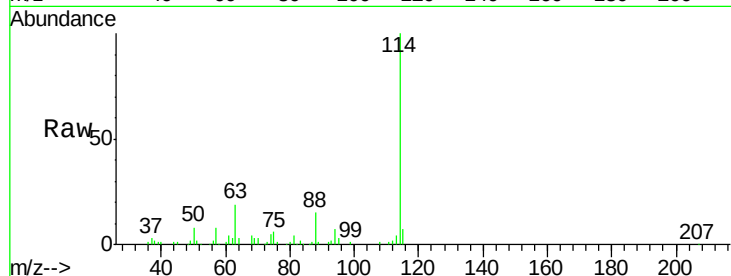
Tot Ion:114 Resp: 212644

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

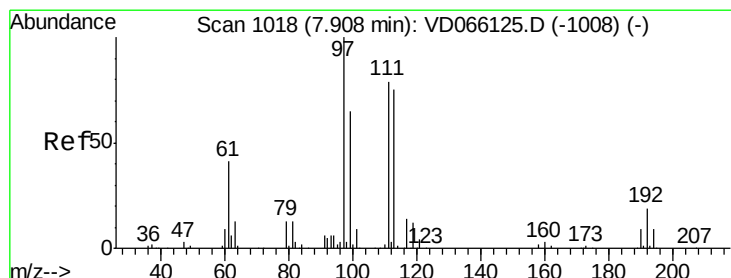
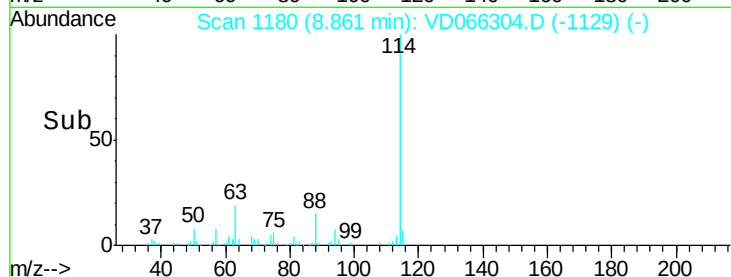
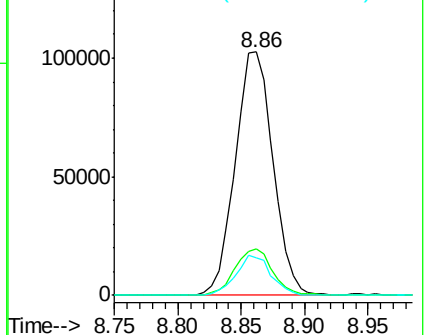
88 15.4 0.0 30.0



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: 78.886 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066304.D

Acq: 19 Aug 2020 05:23

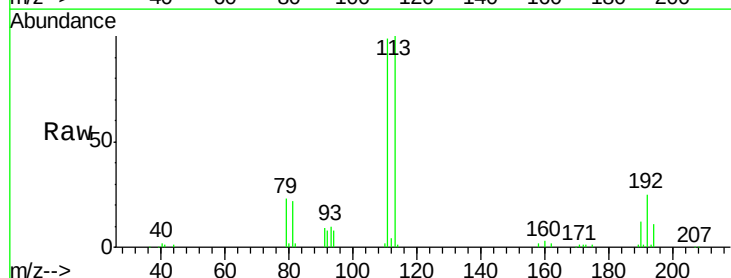
Tgt Ion:113 Resp: 106266

Ion Ratio Lower Upper

113 100

111 103.1 80.7 121.1

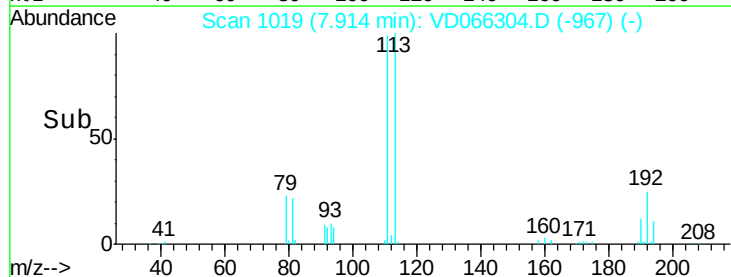
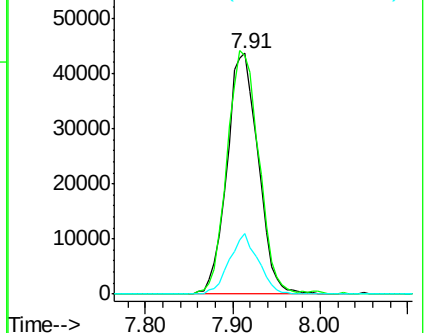
192 23.1 18.4 27.6

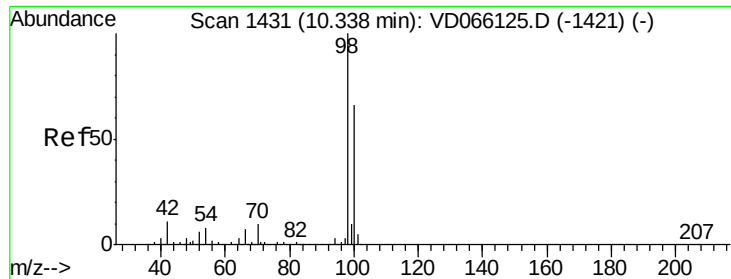


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

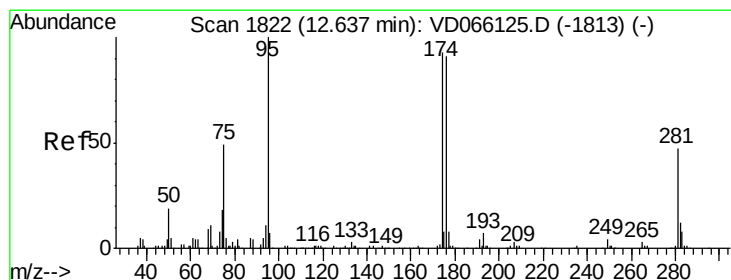
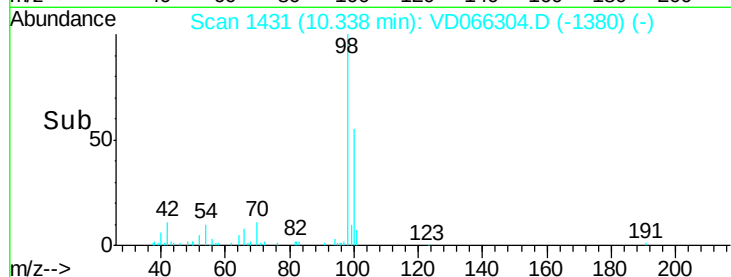
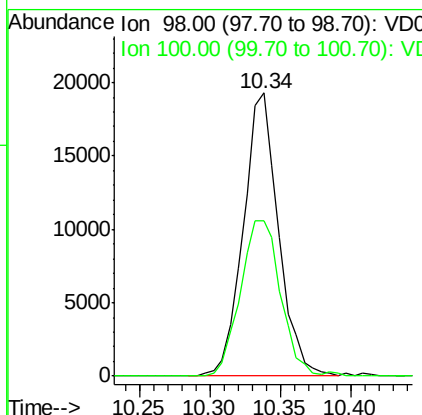
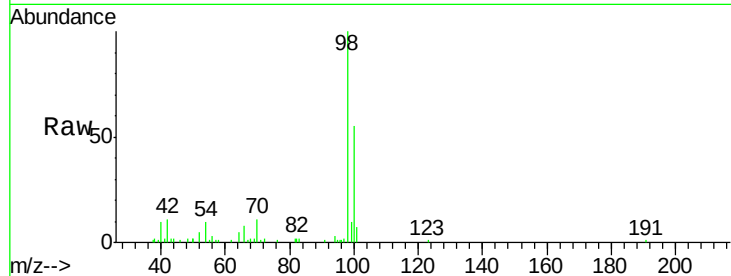




#50
Toluene-d8
Concen: 6.775 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066304.D
Acq: 19 Aug 2020 05:23

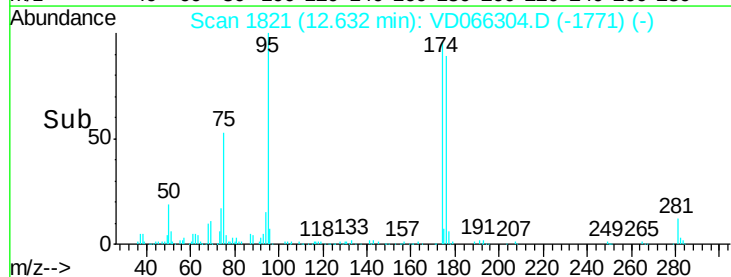
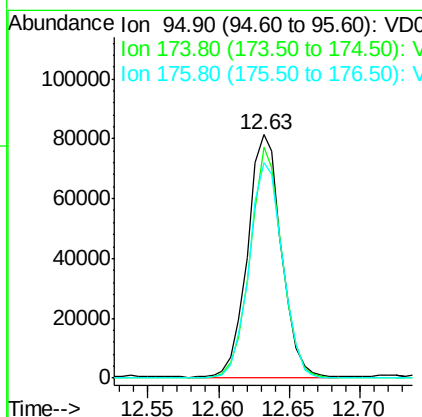
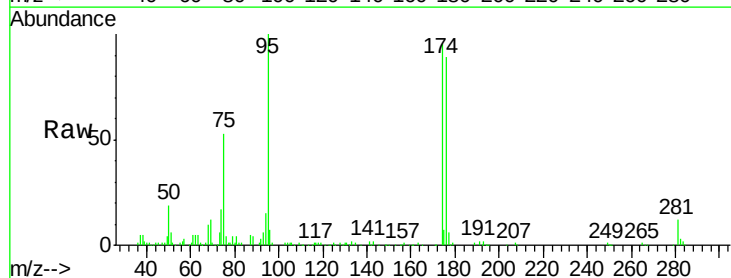
Instrument :
MSVOA_D
ClientSampled :
TP-4

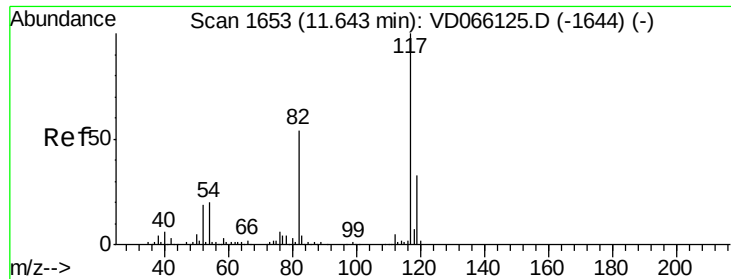
Tot Ion: 98 Resp: 33680
Ion Ratio Lower Upper
98 100
100 62.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 75.767 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066304.D
Acq: 19 Aug 2020 05:23

Tgt Ion: 95 Resp: 135765
Ion Ratio Lower Upper
95 100
174 90.2 0.0 180.8
176 88.5 0.0 181.2

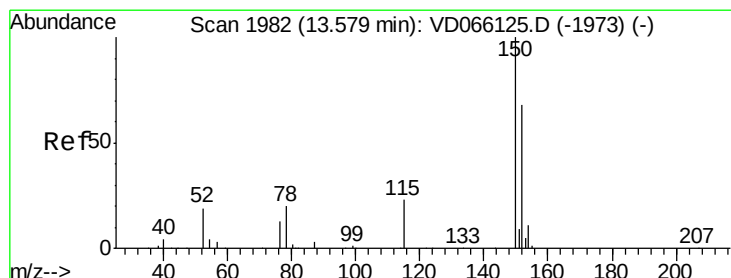
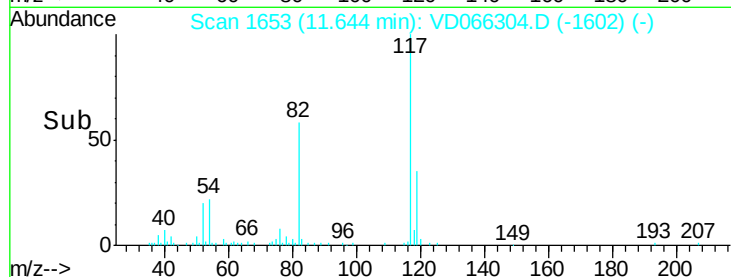
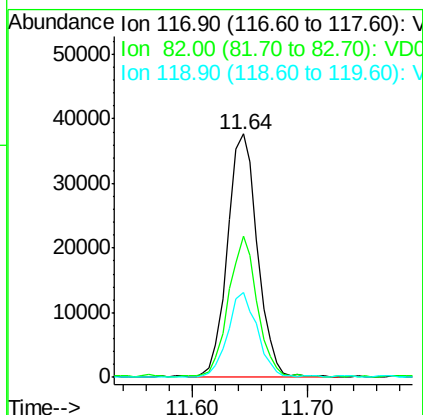
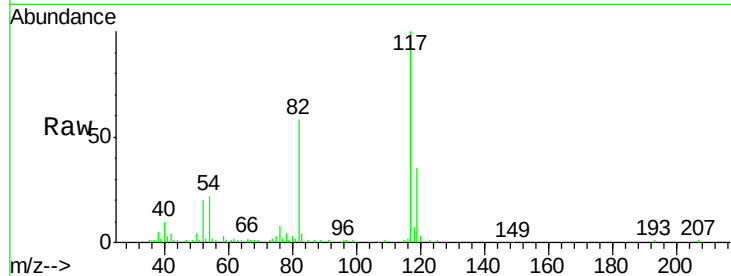




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066304.D
Acq: 19 Aug 2020 05:23

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tot Ion:117 Resp: 67893
Ion Ratio Lower Upper
117 100
82 57.3 43.0 64.4
119 34.8 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: VD066304.D
Acq: 19 Aug 2020 05:23

Tgt Ion:152 Resp: 158997
Ion Ratio Lower Upper
152 100
115 57.6 28.0 83.9
150 155.7 0.0 346.4

