

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080720\
 Data File : VD066149.D
 Acq On : 07 Aug 2020 11:09
 Operator : VA/SY
 Sample : VD0807SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBL01

Quant Time: Aug 08 00:55:43 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	271038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	467732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	536089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	288933	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	128079	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
35) Dibromofluoromethane	7.91	113	148118	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.34	98	571769	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.63	95	257016	65.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.42%	

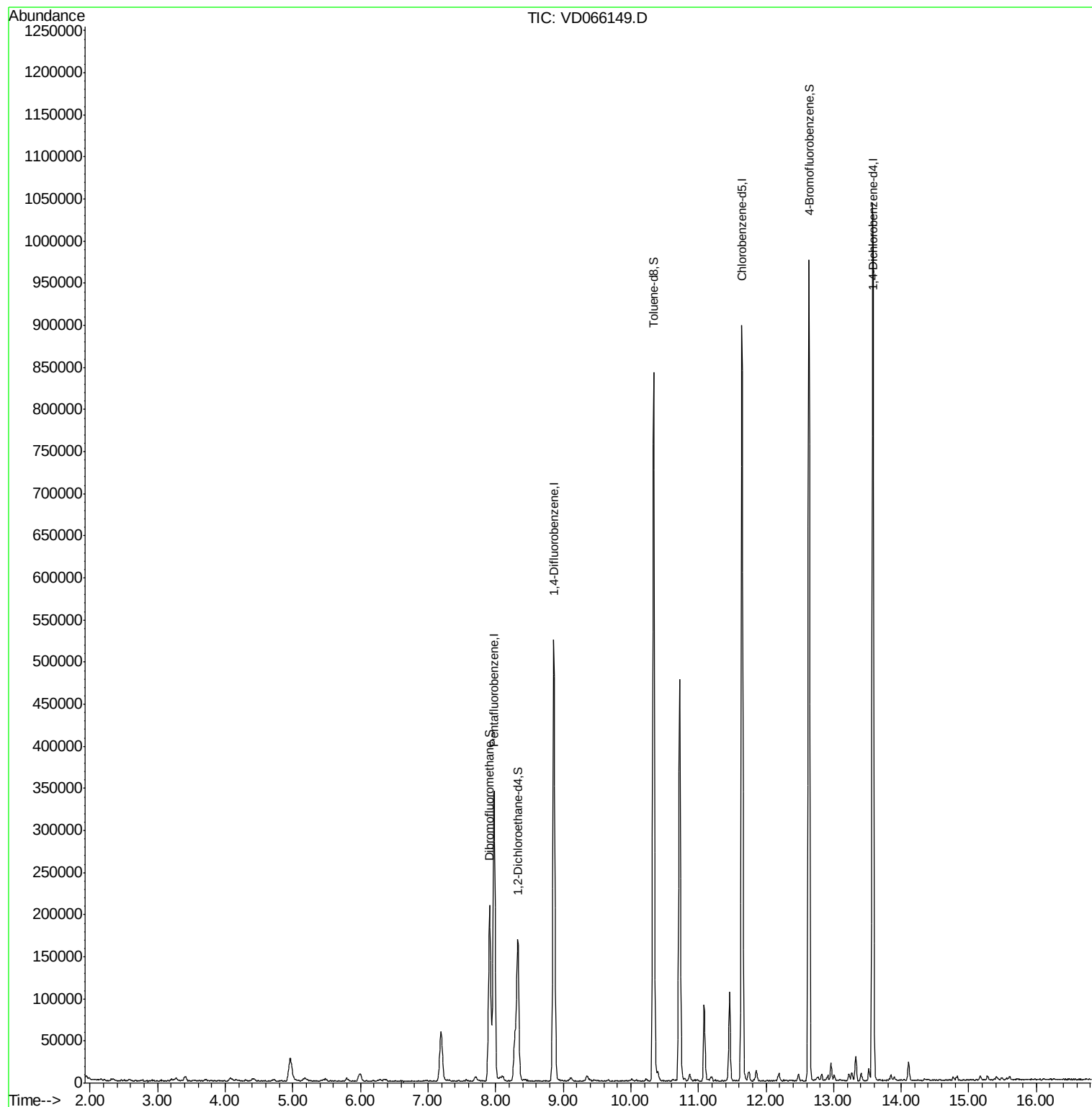
Target Compounds	Qvalue

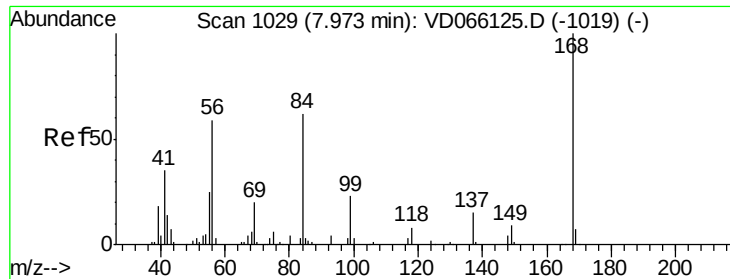
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066149.D

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Instrument :

MSVOA_D

ClientSampleId :

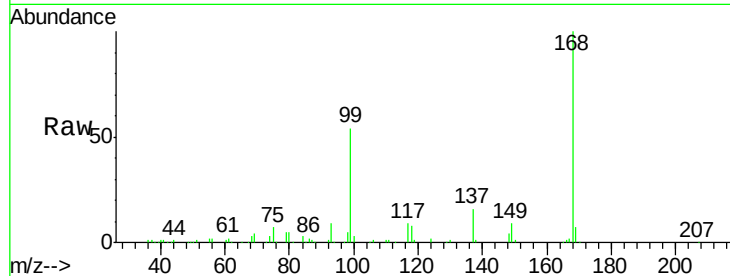
VD0807SBL01

Tot Ion:168 Resp: 271038

Ion Ratio Lower Upper

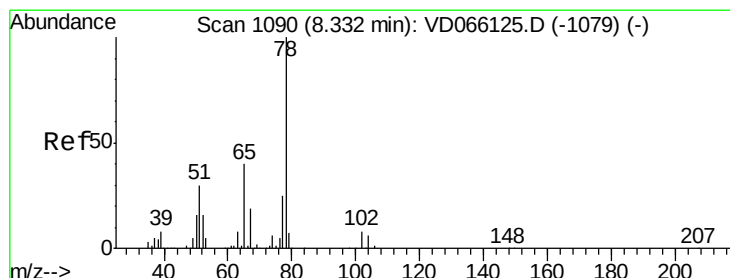
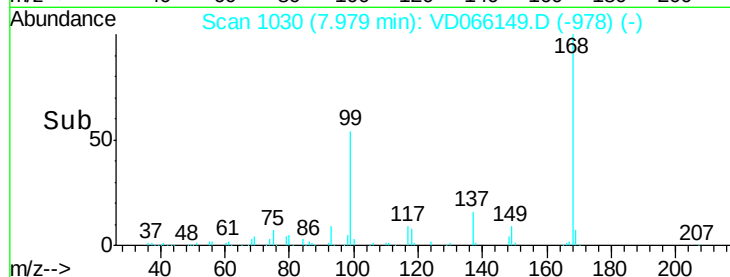
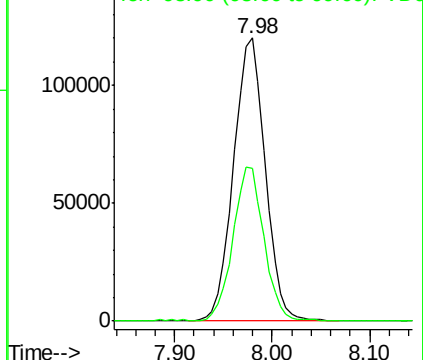
168 100

99 54.0 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: 52.967 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066149.D

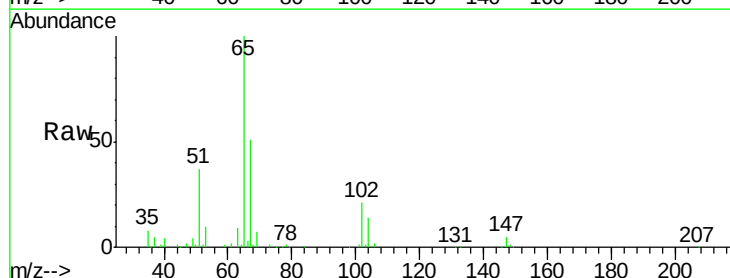
Acq: 07 Aug 2020 11:09

Tgt Ion: 65 Resp: 128079

Ion Ratio Lower Upper

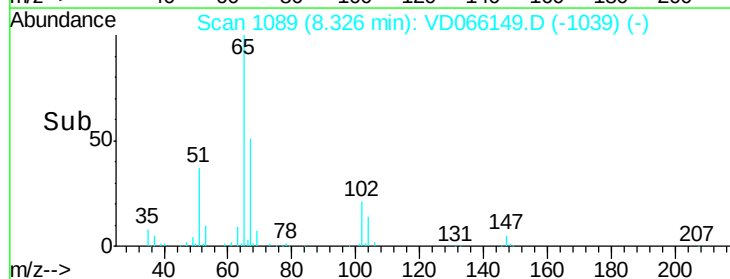
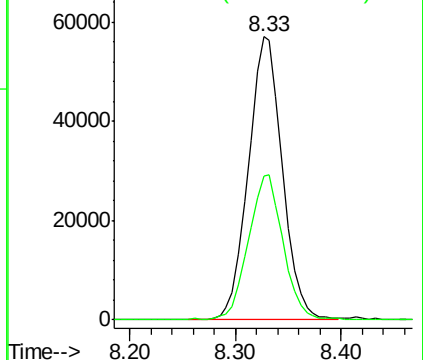
65 100

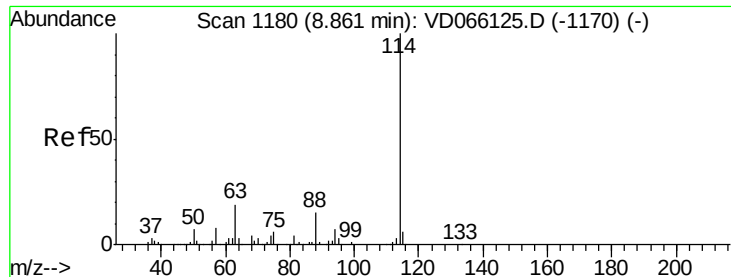
67 52.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

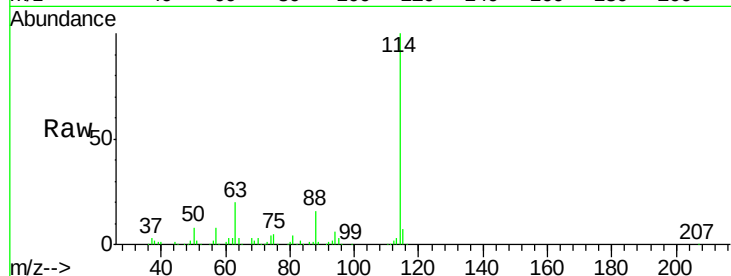




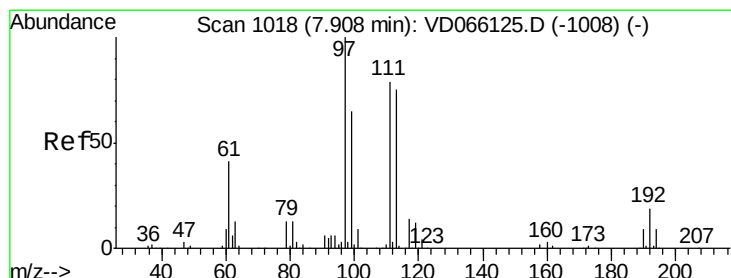
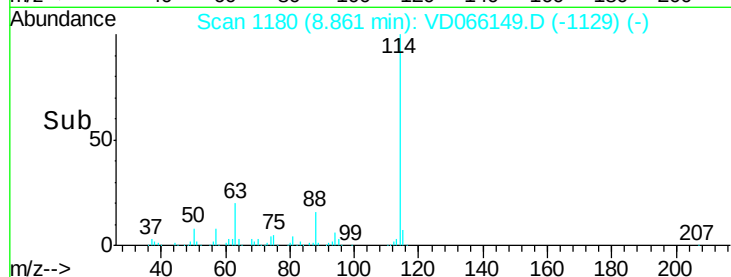
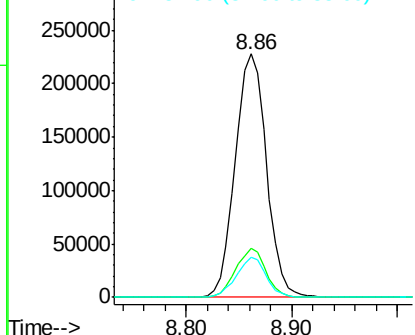
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066149.D
 Acq: 07 Aug 2020 11:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBL01

Tot Ion:114	Resp:	467732
Ion	Ratio	Lower Upper
114	100	
63	20.1	0.0 38.6
88	16.4	0.0 30.0

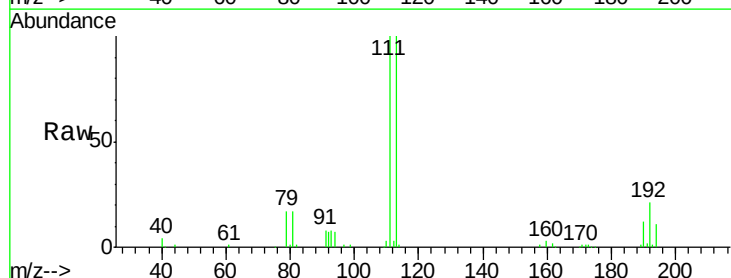


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

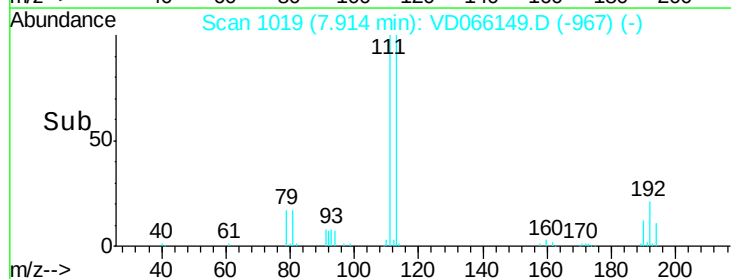
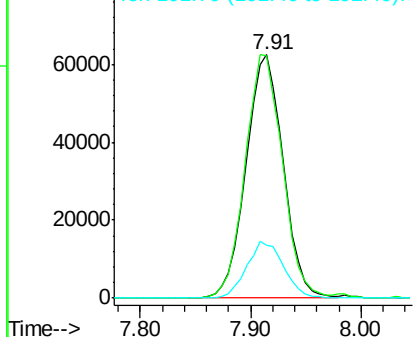


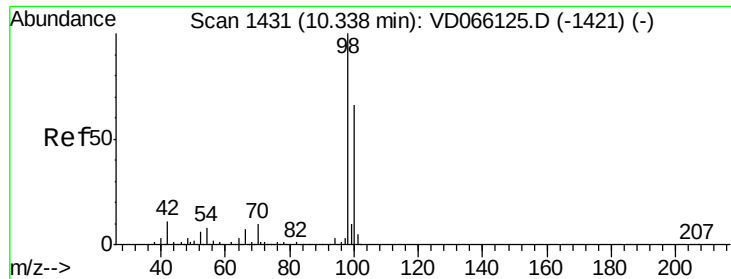
#35
 Dibromofluoromethane
 Concen: 49.989 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066149.D
 Acq: 07 Aug 2020 11:09

Tgt Ion:113	Resp:	148118
Ion	Ratio	Lower Upper
113	100	
111	100.4	80.7 121.1
192	22.9	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

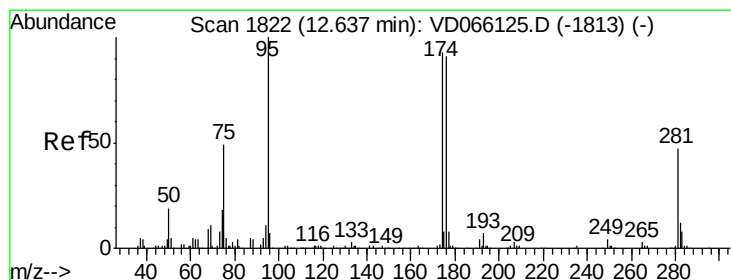
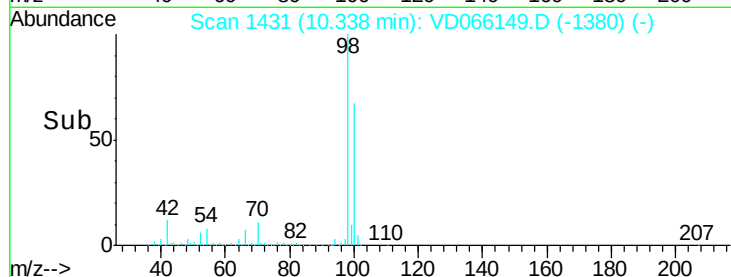
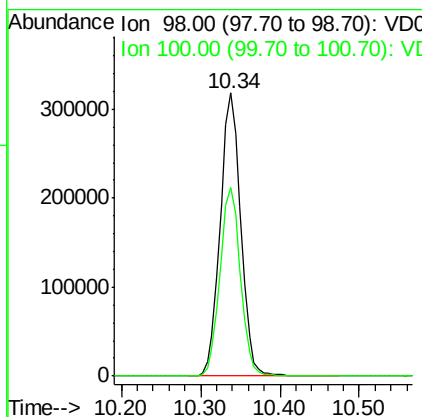
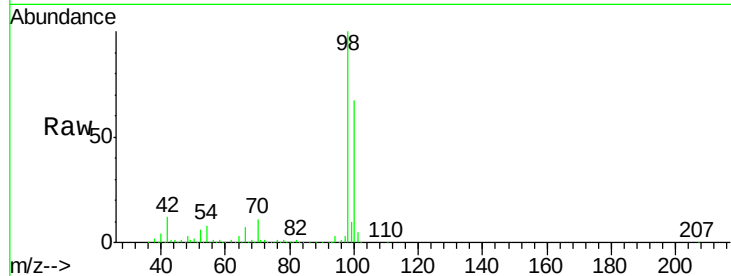




#50
Toluene-d8
Concen: 52.291 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066149.D
Acq: 07 Aug 2020 11:09

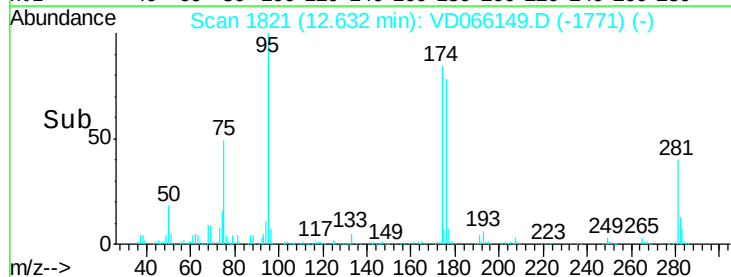
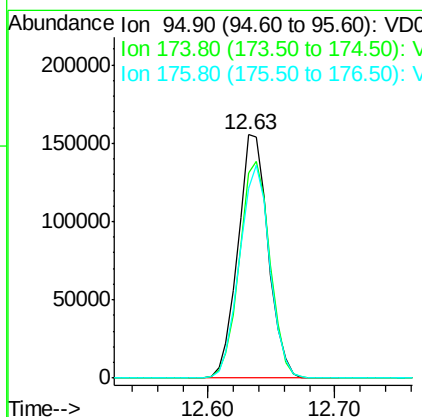
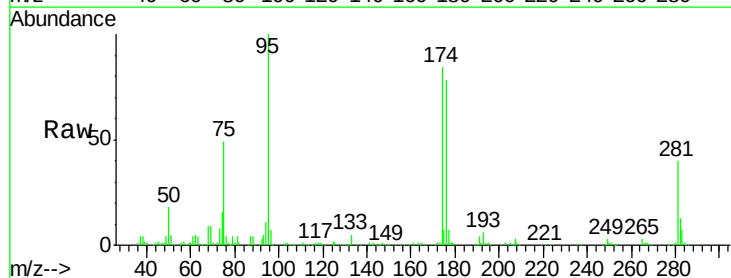
Instrument :
MSVOA_D
ClientSampleId :
VD0807SBL01

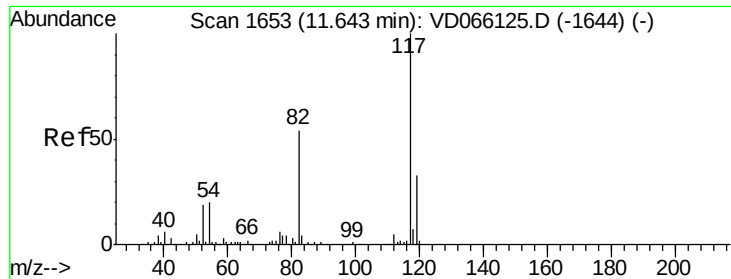
Tot Ion: 98 Resp: 571769
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 65.209 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066149.D
Acq: 07 Aug 2020 11:09

Tgt Ion: 95 Resp: 257016
Ion Ratio Lower Upper
95 100
174 89.7 0.0 180.8
176 87.4 0.0 181.2

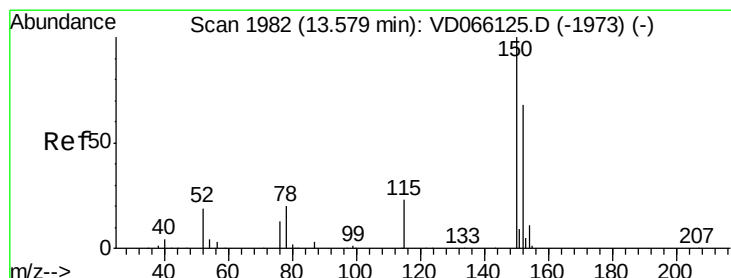
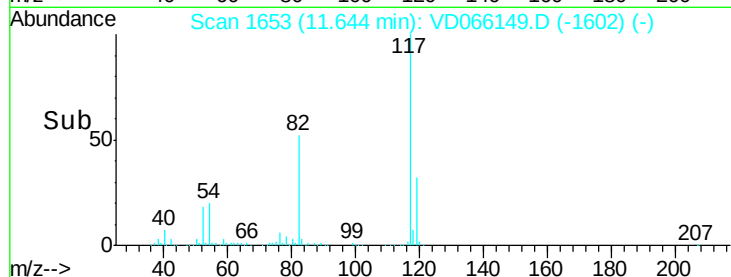
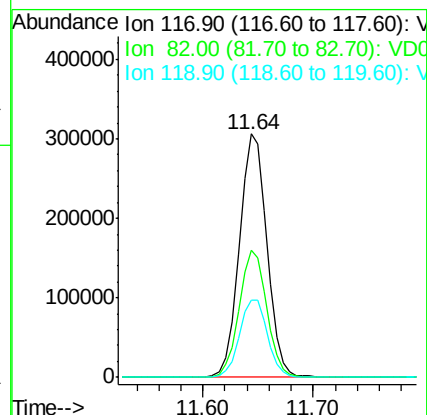
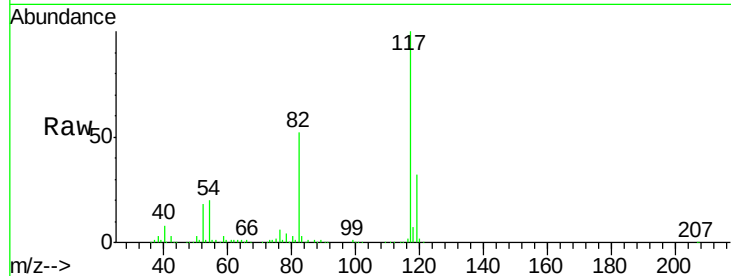




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066149.D
Acq: 07 Aug 2020 11:09

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBL01

Tot Ion:117 Resp: 536089
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 32.0 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: VD066149.D
Acq: 07 Aug 2020 11:09

Tgt Ion:152 Resp: 288933
Ion Ratio Lower Upper
152 100
115 56.7 28.0 83.9
150 157.1 0.0 346.4

