

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066301.D
 Acq On : 19 Aug 2020 04:02
 Operator : VA/SY
 Sample : L3681-04
 Misc : 8.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Aug 19 08:35:52 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

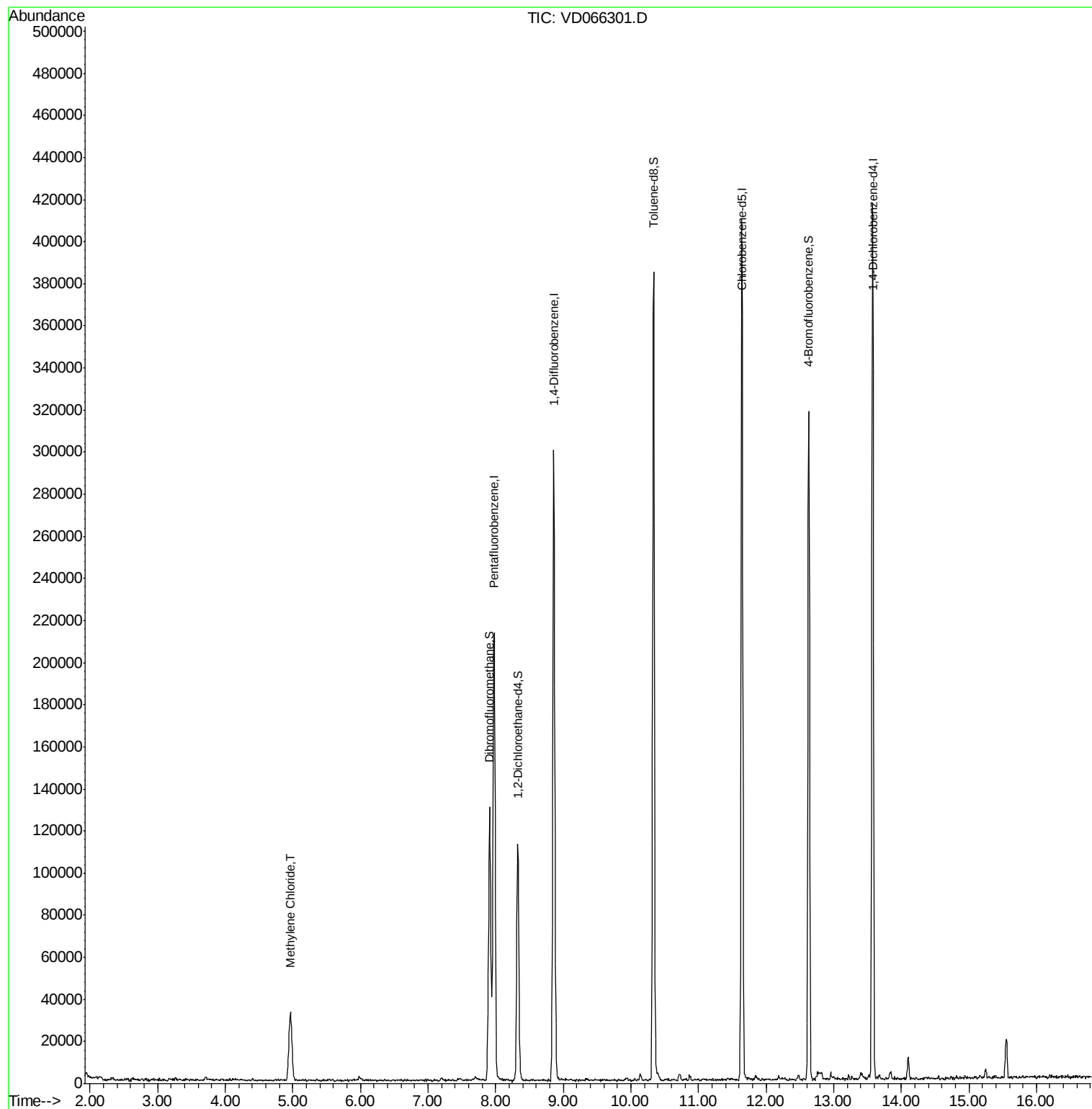
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	170187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	262556	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	240031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	114311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	93277	61.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.86%	
35) Dibromofluoromethane	7.91	113	87413	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
50) Toluene-d8	10.34	98	263712	42.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.92%	
62) 4-Bromofluorobenzene	12.63	95	100680	45.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.02%	
Target Compounds						
20) Methylene Chloride	4.97	84	25092	11.582	ug/l	Qvalue 91

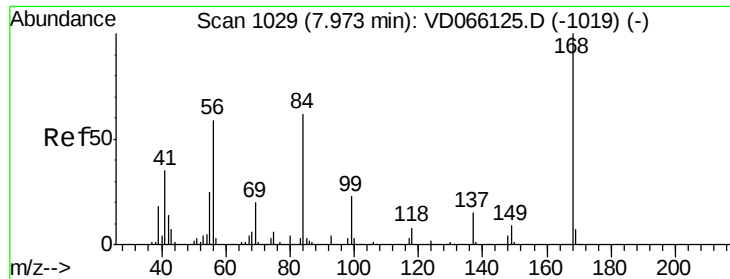
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066301.D

Acq: 19 Aug 2020 04:02

Instrument :

MSVOA_D

ClientSampleId :

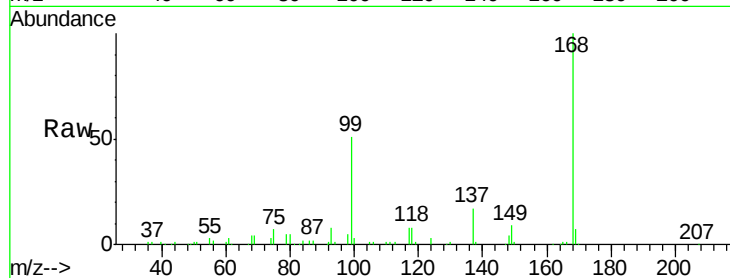
TP-2

Tot Ion:168 Resp: 170187

Ion Ratio Lower Upper

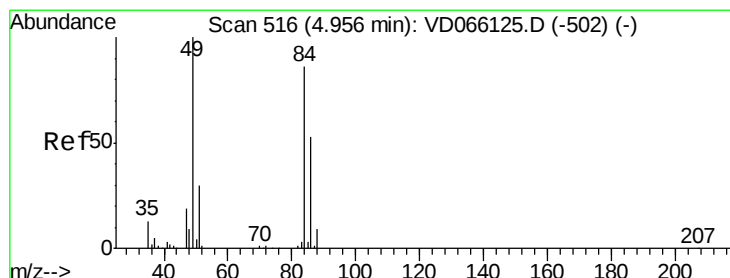
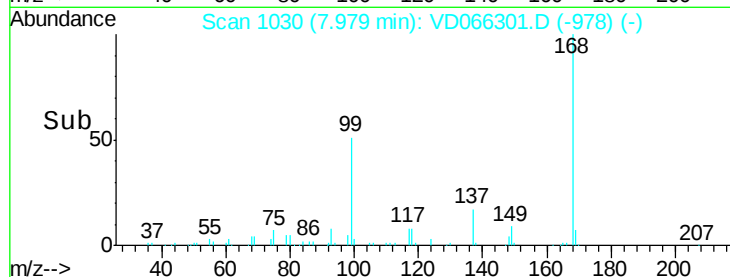
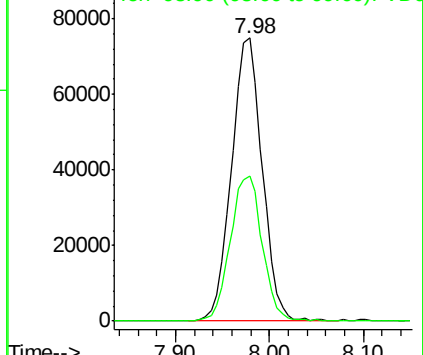
168 100

99 51.3 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 11.582 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066301.D

Acq: 19 Aug 2020 04:02

Tgt Ion: 84 Resp: 25092

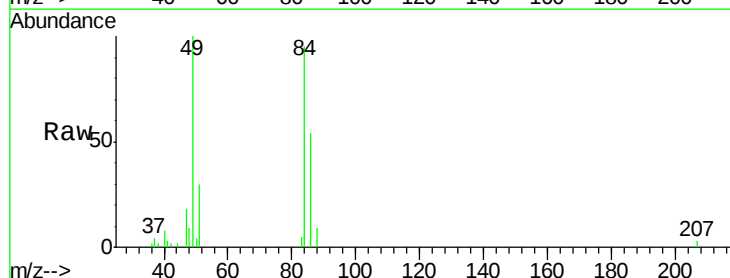
Ion Ratio Lower Upper

84 100

49 105.6 93.5 140.3

51 31.3 28.2 42.4

86 56.8 49.5 74.3

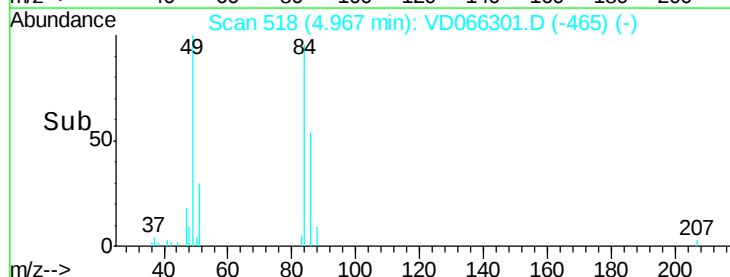
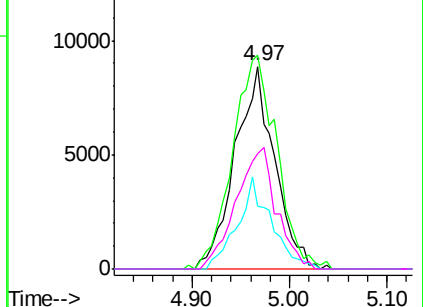


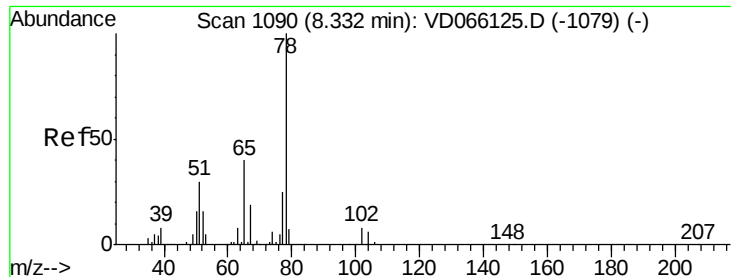
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 61.434 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066301.D

Acq: 19 Aug 2020 04:02

Instrument :

MSVOA_D

ClientSampleId :

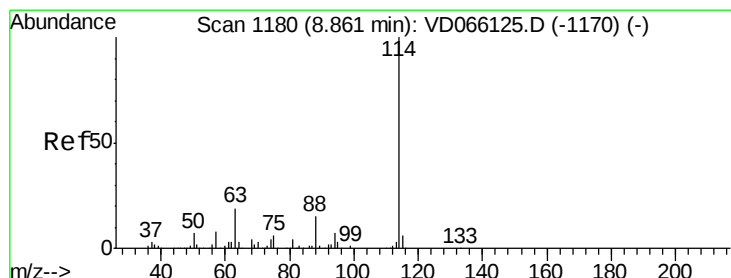
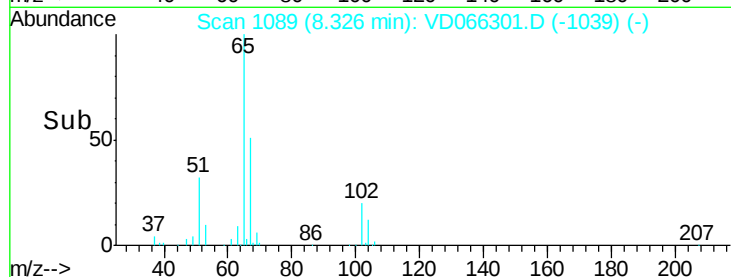
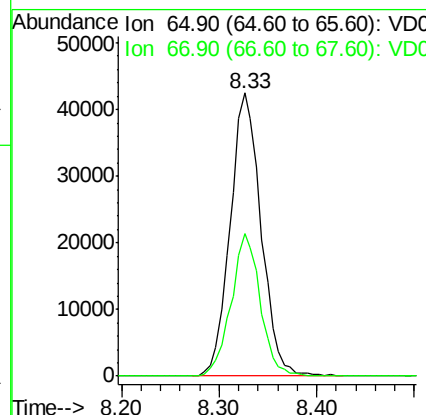
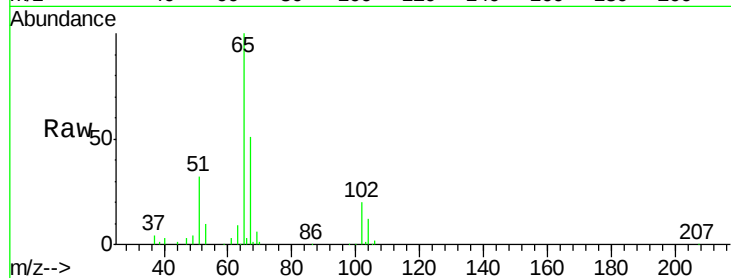
TP-2

Tot Ion: 65 Resp: 93277

Ion Ratio Lower Upper

65 100

67 47.6 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066301.D

Acq: 19 Aug 2020 04:02

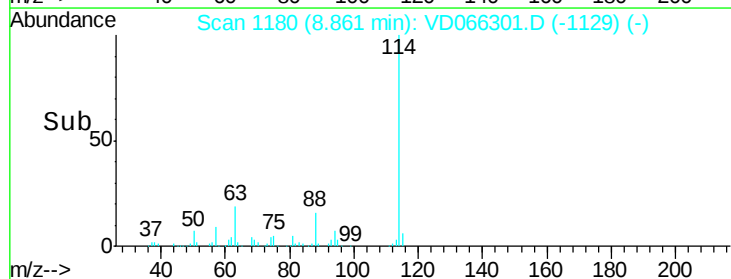
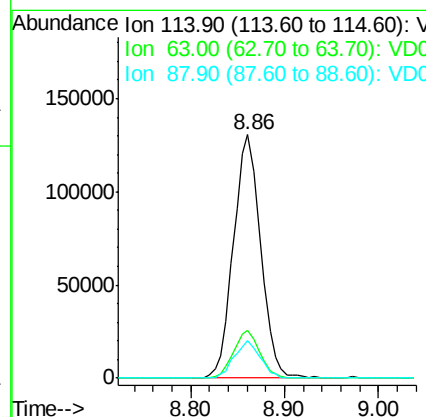
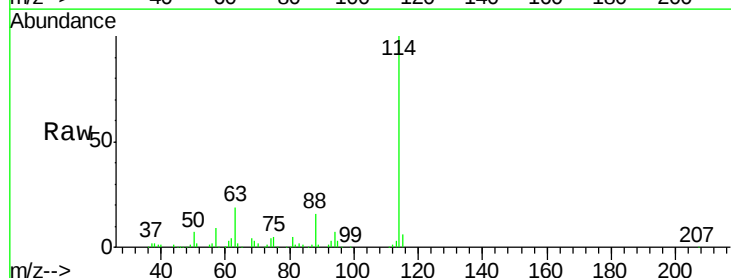
Tgt Ion: 114 Resp: 262556

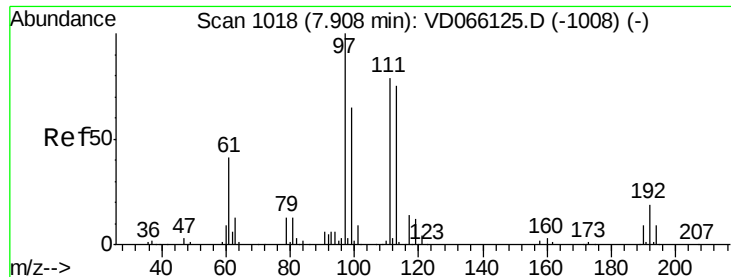
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

88 15.6 0.0 30.0

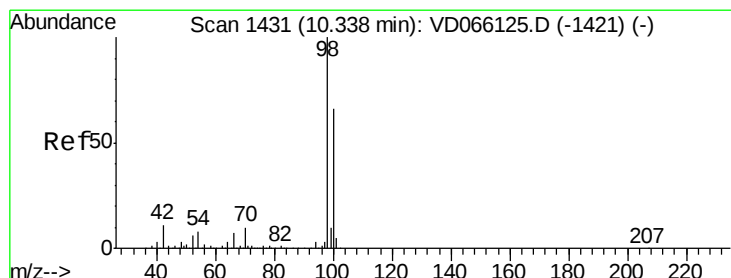
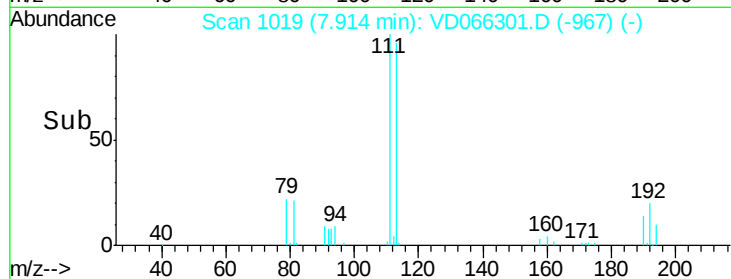
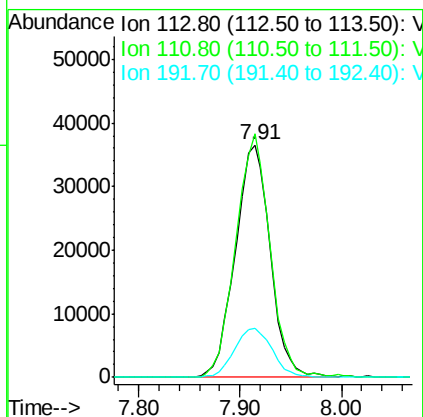
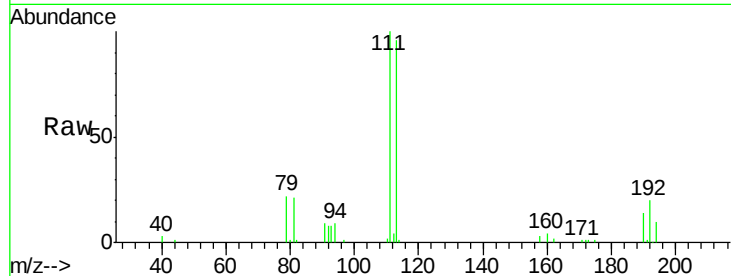




#35
 Dibromofluoromethane
 Concen: 52.555 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066301.D
 Acq: 19 Aug 2020 04:02

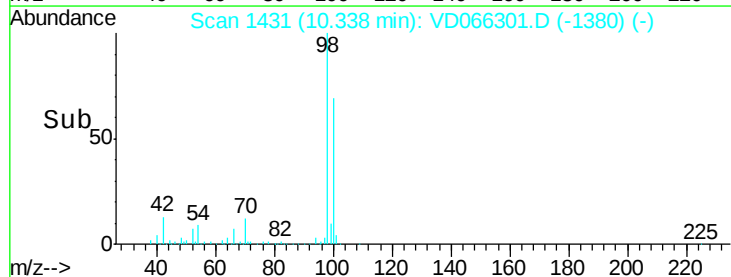
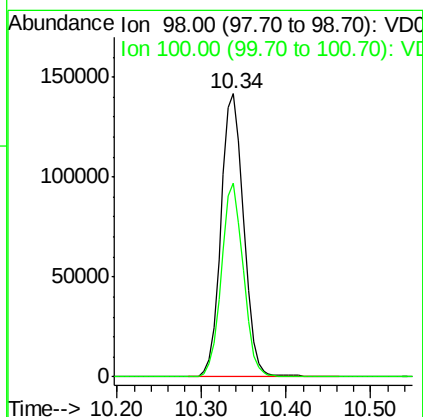
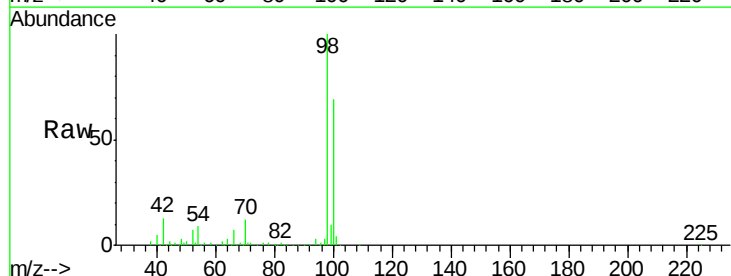
Instrument :
 MSVOA_D
 ClientSampled :
 TP-2

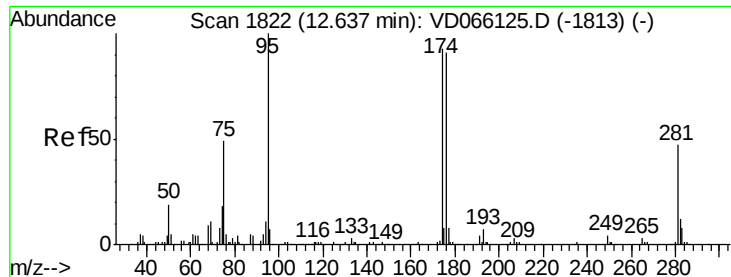
Tot Ion:113 Resp: 87413
 Ion Ratio Lower Upper
 113 100
 111 102.8 80.7 121.1
 192 22.6 18.4 27.6



#50
 Toluene-d8
 Concen: 42.965 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066301.D
 Acq: 19 Aug 2020 04:02

Tgt Ion: 98 Resp: 263712
 Ion Ratio Lower Upper
 98 100
 100 66.0 52.6 78.8

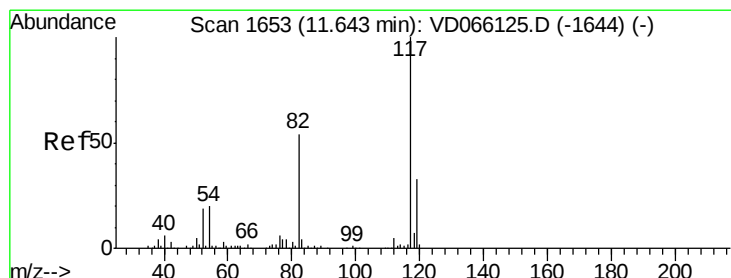
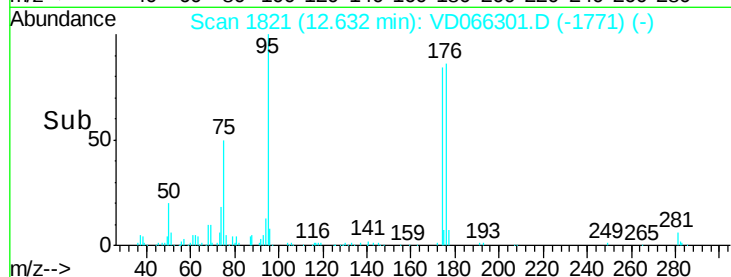
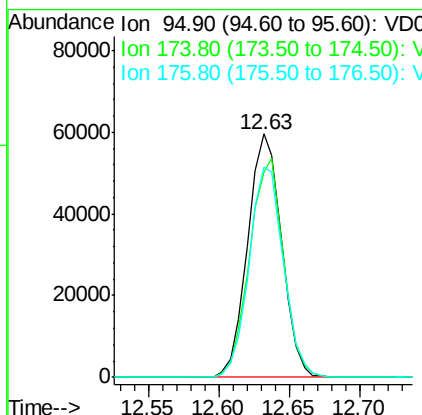
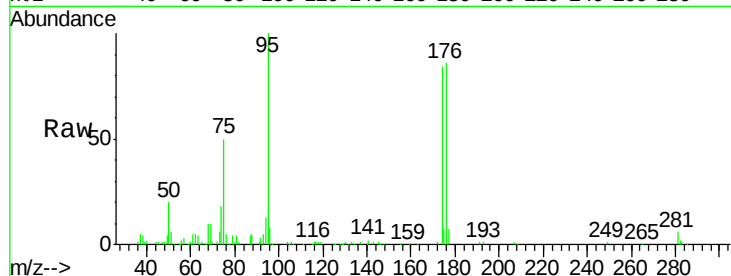




#62
4-Bromofluorobenzene
Concen: 45.506 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066301.D
Acq: 19 Aug 2020 04:02

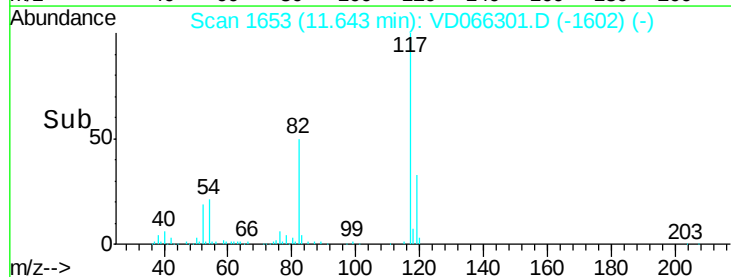
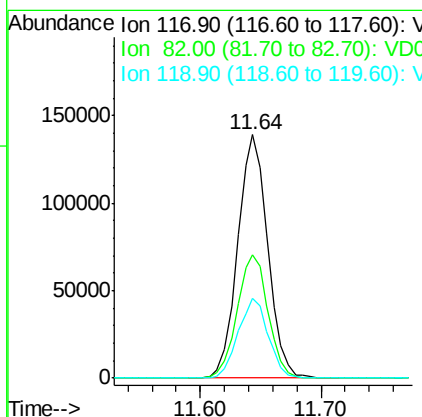
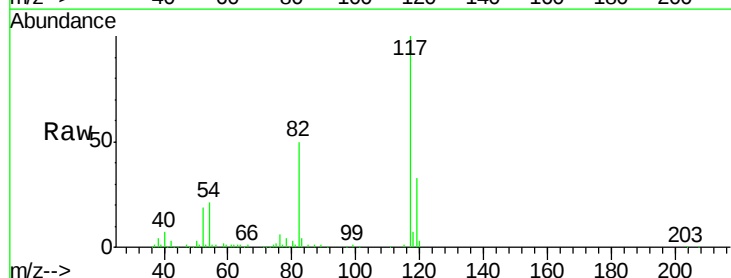
Instrument :
MSVOA_D
ClientSampleId :
TP-2

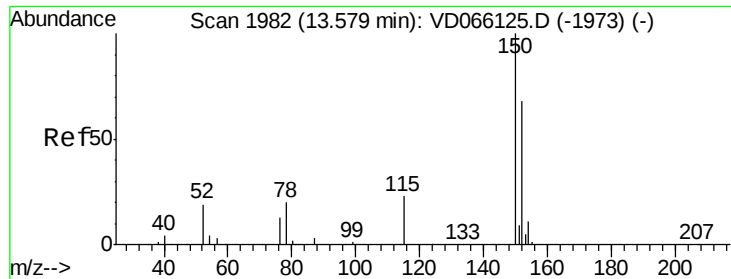
Tot Ion: 95 Resp: 100680
Ion Ratio Lower Upper
95 100
174 90.2 0.0 180.8
176 87.6 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066301.D
Acq: 19 Aug 2020 04:02

Tgt Ion: 117 Resp: 240031
Ion Ratio Lower Upper
117 100
82 50.4 43.0 64.4
119 32.8 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: VD066301.D

Acq: 19 Aug 2020 04:02

Instrument :

MSVOA_D

ClientSampleId :

TP-2

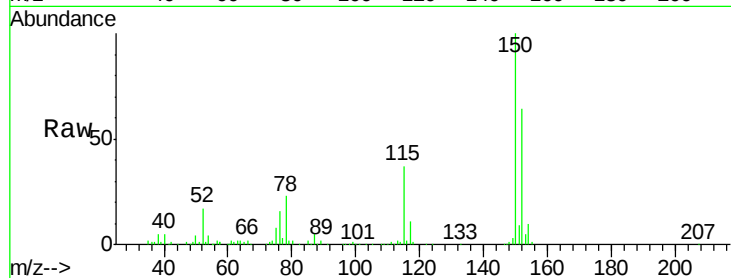
Tot Ion:152 Resp: 114311

Ion Ratio Lower Upper

152 100

115 56.1 28.0 83.9

150 155.5 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

