

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081720\
 Data File : VD066258.D
 Acq On : 17 Aug 2020 15:23
 Operator : VA/SY
 Sample : L3679-12
 Misc : 7.67G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S412-K-SO-1-1.5-081220

Quant Time: Aug 17 15:42:05 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

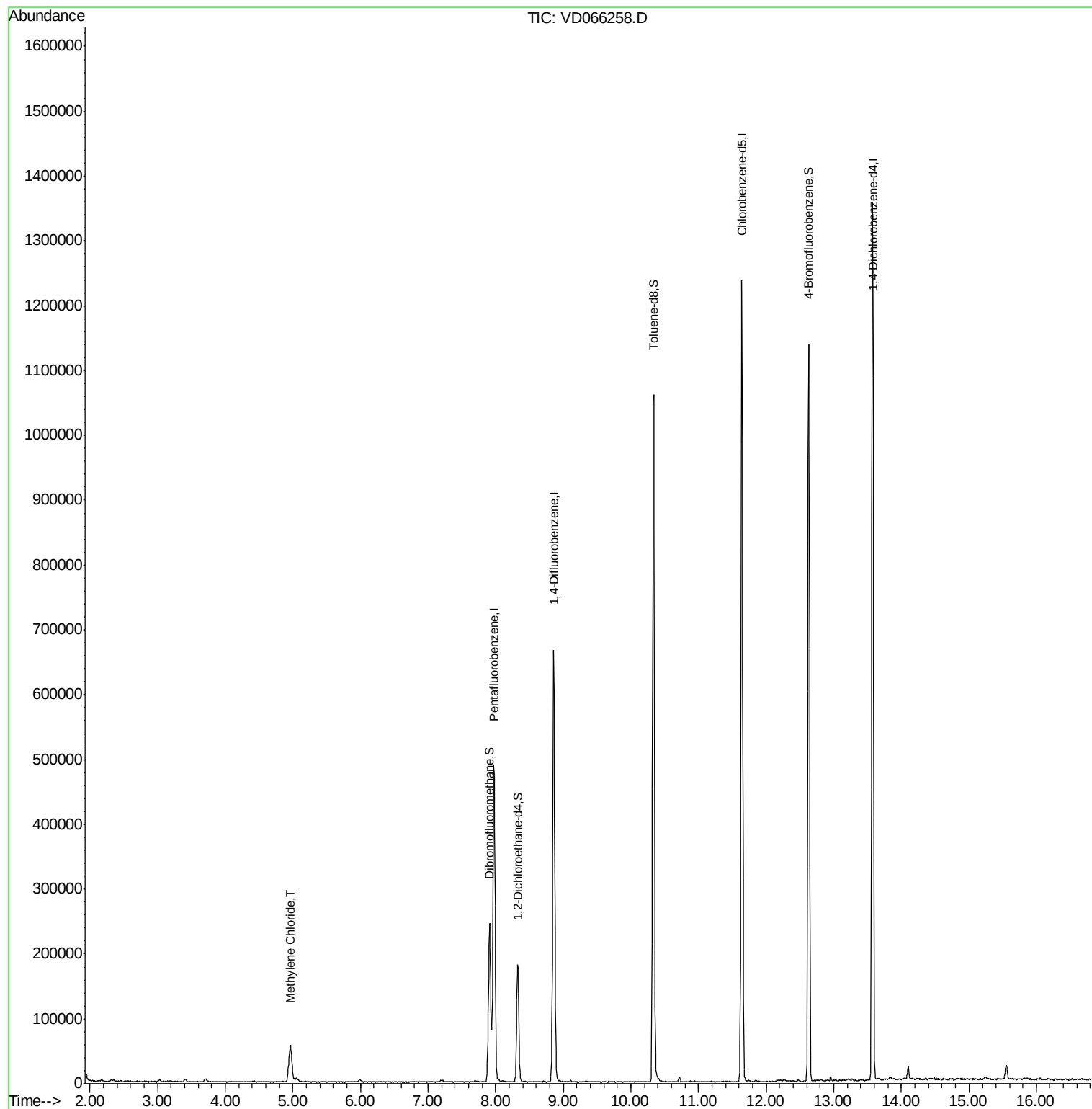
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	388415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	602711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	726441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	381477	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	144057	41.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.14%	
35) Dibromofluoromethane	7.91	113	173290	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
50) Toluene-d8	10.34	98	738343	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.63	95	364071	71.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	143.36%	
Target Compounds						
20) Methylene Chloride	4.97	84	44019	7.712	ug/l	Qvalue 93

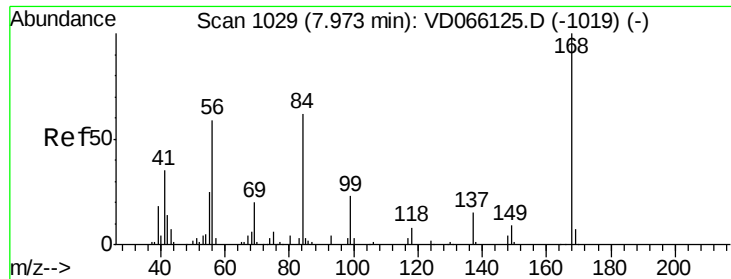
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081720\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066258.D

Acq: 17 Aug 2020 15:23

Instrument :

MSVOA_D

ClientSampleId :

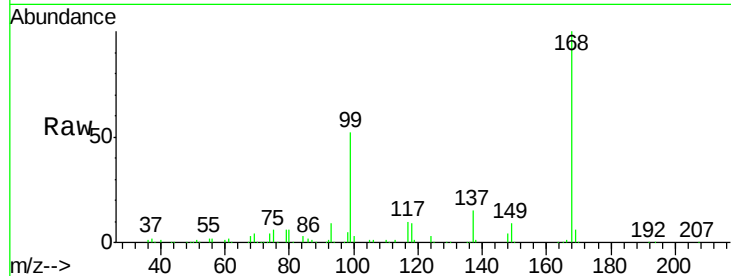
S412-K-SO-1-1.5-081220

Tot Ion:168 Resp: 388415

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

7.97

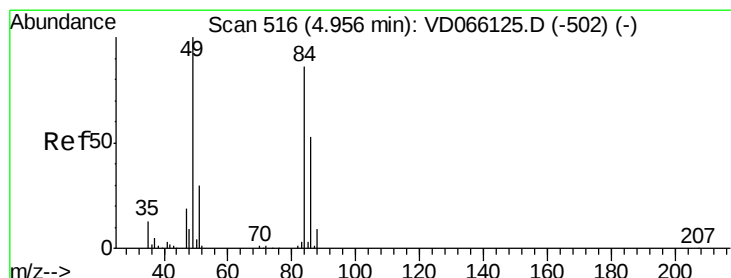
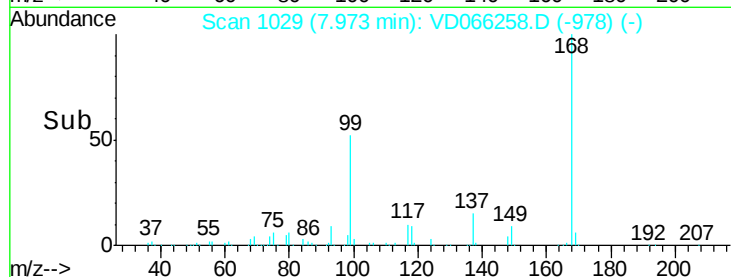
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 7.712 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.02 min

Lab File: VD066258.D

Acq: 17 Aug 2020 15:23

Tgt Ion: 84 Resp: 44019

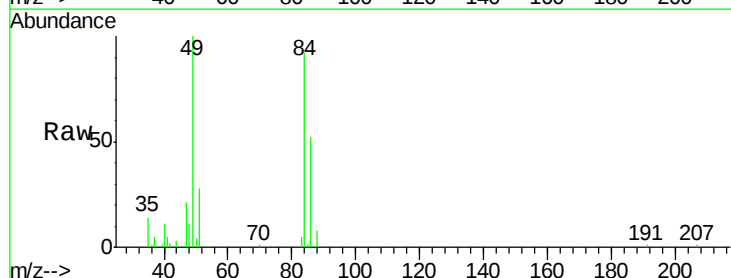
Ion Ratio Lower Upper

84 100

49 108.5 93.5 140.3

51 30.5 28.2 42.4

86 56.9 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

4.97

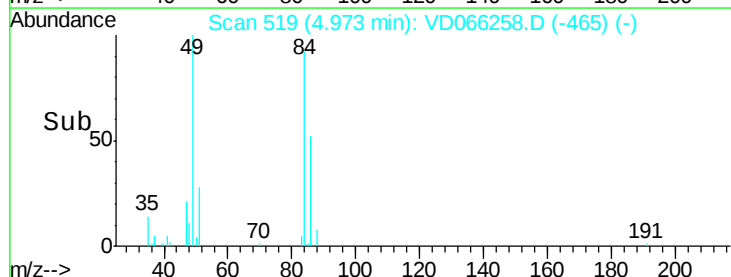
15000

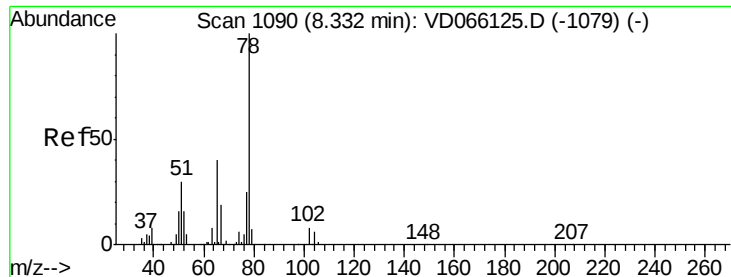
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 41.572 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066258.D

Acq: 17 Aug 2020 15:23

Instrument :

MSVOA_D

ClientSampleId :

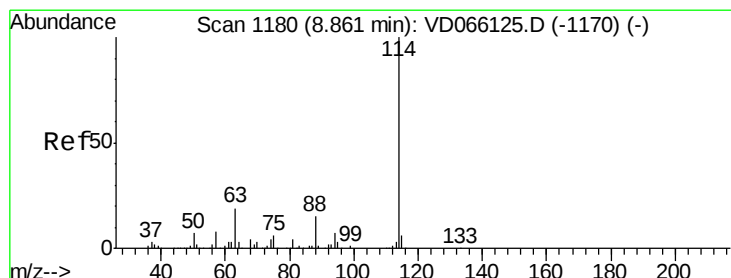
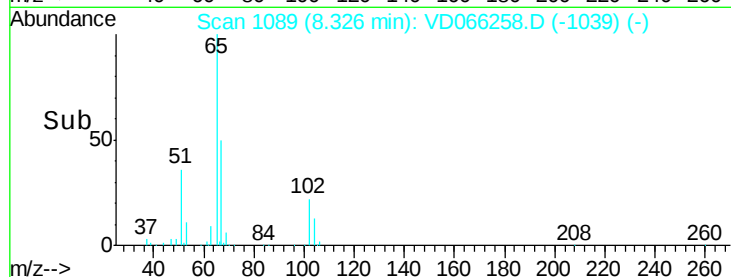
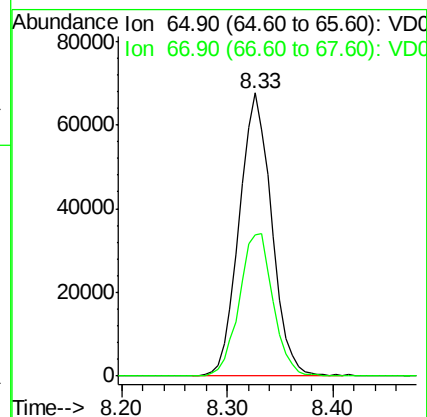
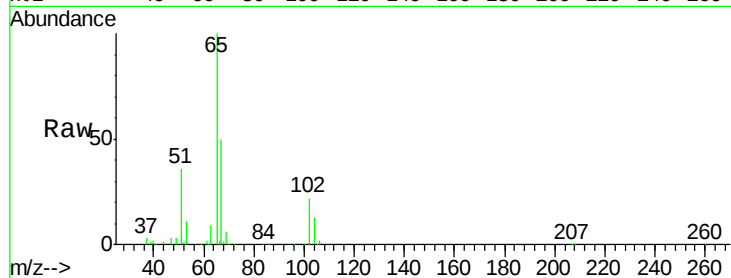
S412-K-SO-1-1.5-081220

Tot Ion: 65 Resp: 144057

Ion Ratio Lower Upper

65 100

67 52.5 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: VD066258.D

Acq: 17 Aug 2020 15:23

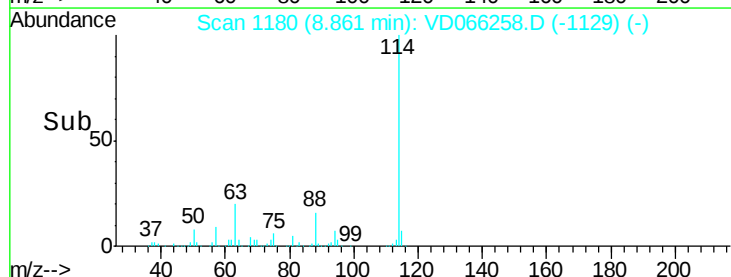
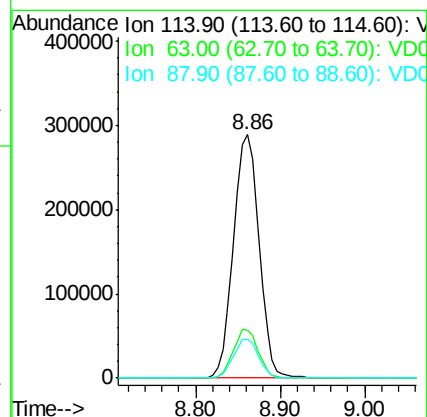
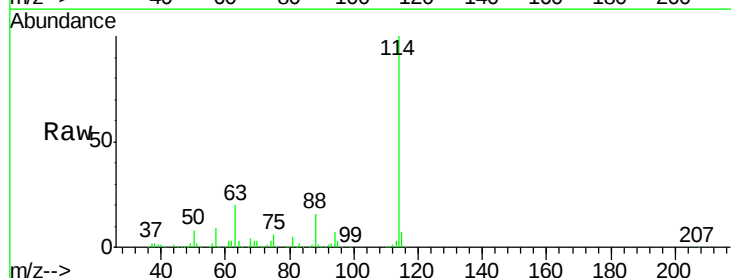
Tgt Ion: 114 Resp: 602711

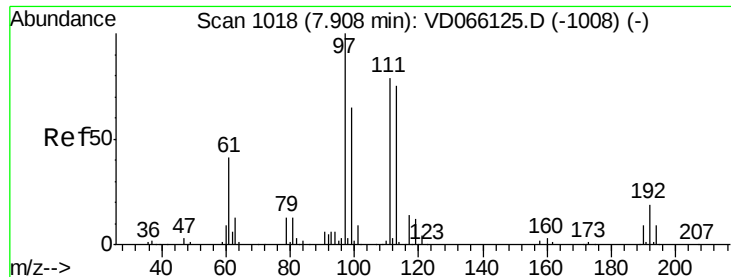
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

88 16.1 0.0 30.0

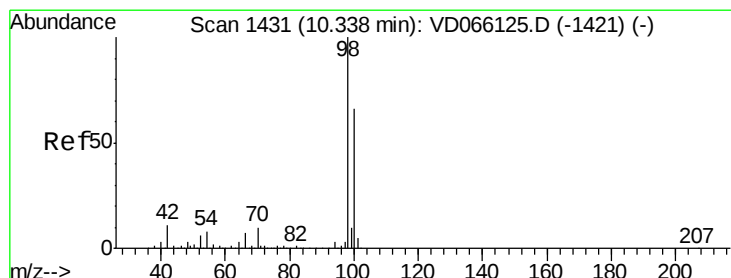
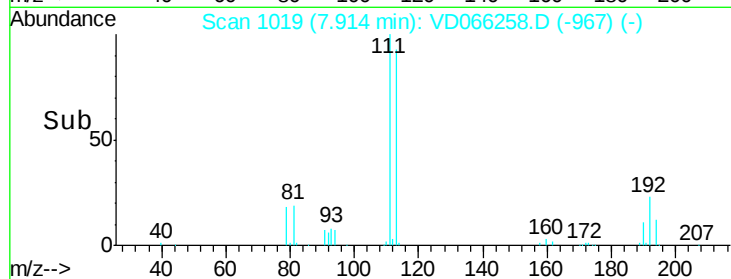
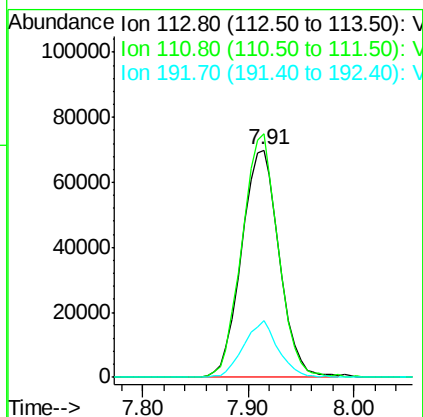
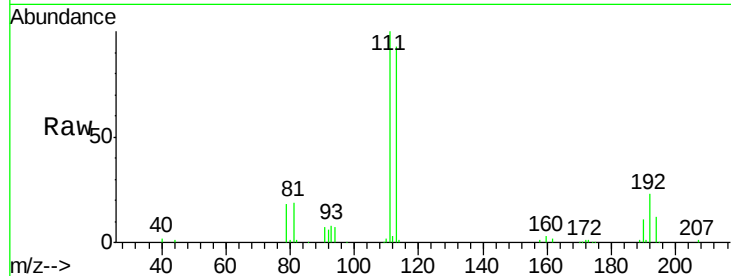




#35
 Dibromofluoromethane
 Concen: 45.386 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066258.D
 Acq: 17 Aug 2020 15:23

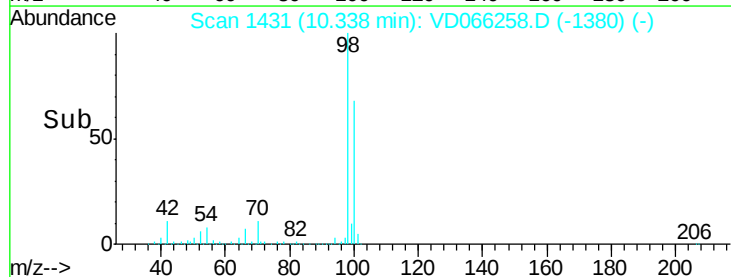
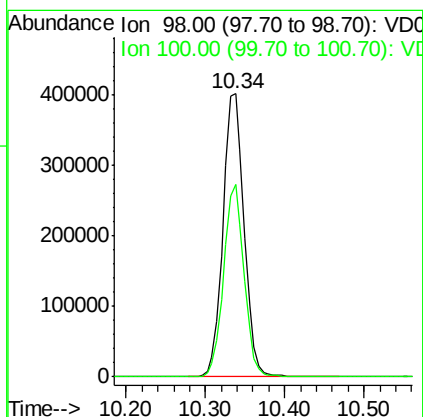
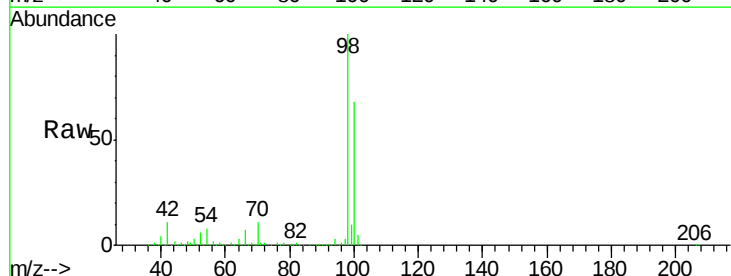
Instrument :
 MSVOA_D
 ClientSampleId :
 S412-K-SO-1-1.5-081220

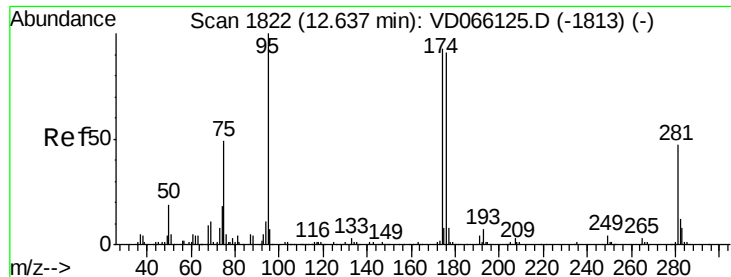
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.7	121.1
192	23.0	18.4	27.6



#50
 Toluene-d8
 Concen: 52.403 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066258.D
 Acq: 17 Aug 2020 15:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.6	78.8

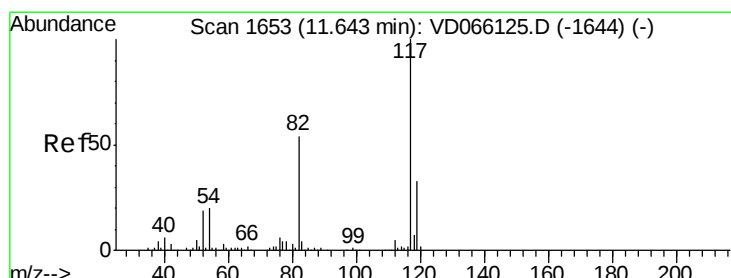
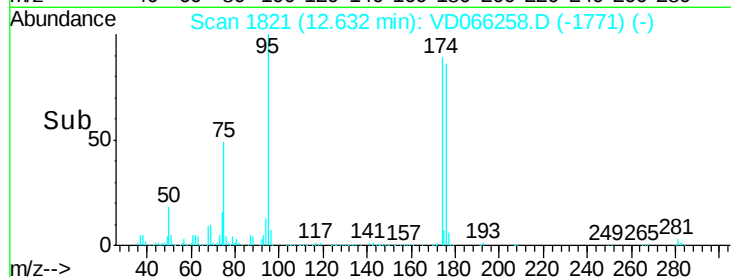
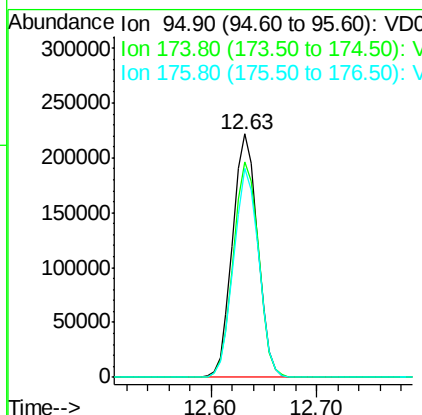
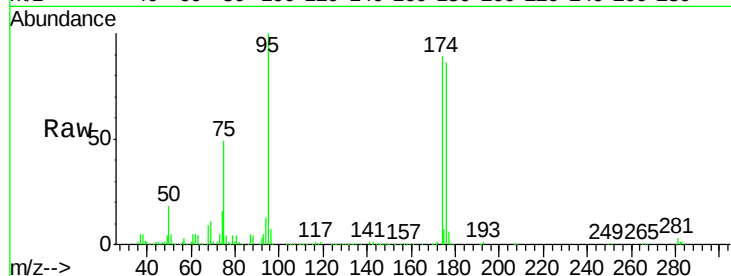




#62
4-Bromofluorobenzene
Concen: 71.684 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066258.D
Acq: 17 Aug 2020 15:23

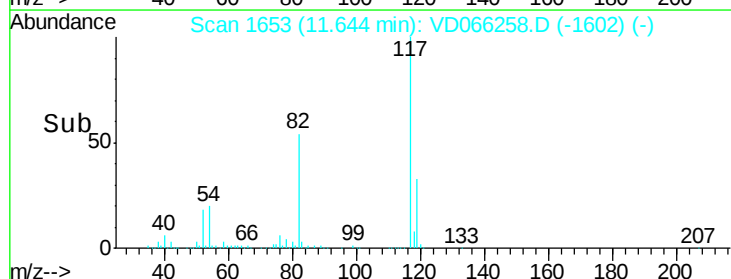
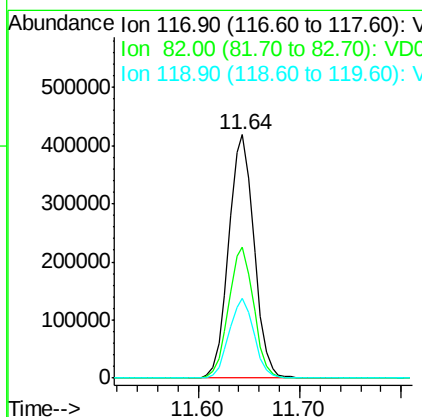
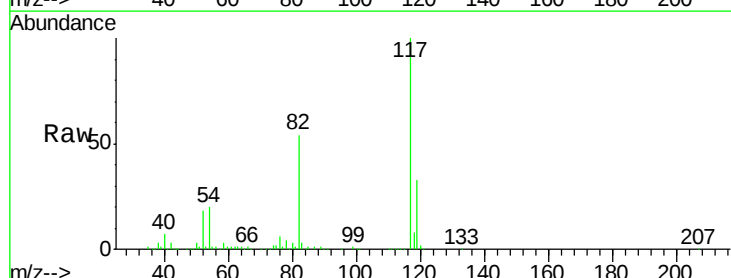
Instrument :
MSVOA_D
ClientSampleId :
S412-K-SO-1-1.5-081220

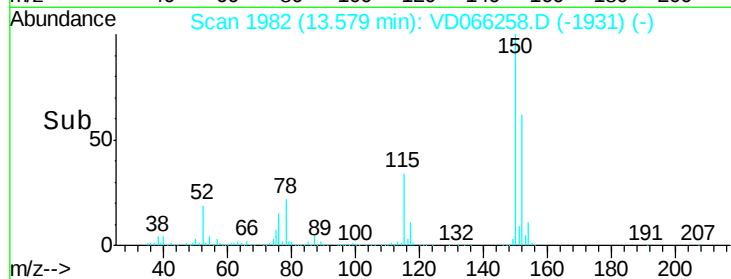
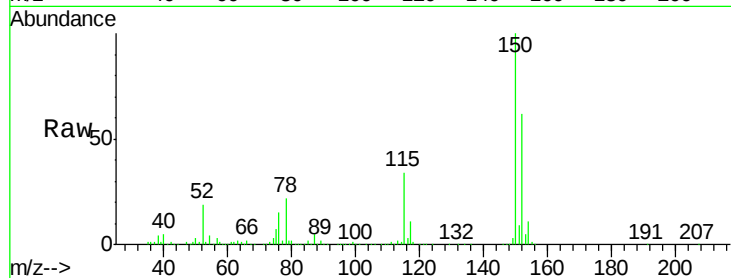
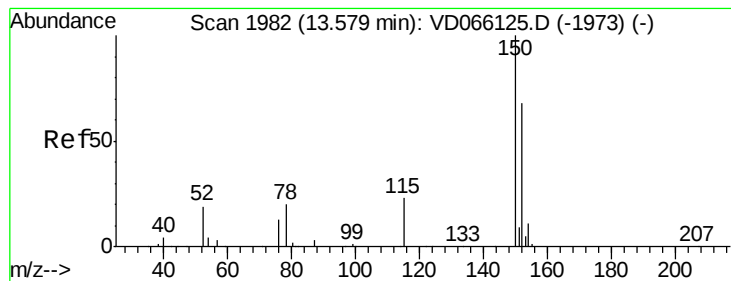
Tot Ion: 95 Resp: 364071
Ion Ratio Lower Upper
95 100
174 89.2 0.0 180.8
176 85.2 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066258.D
Acq: 17 Aug 2020 15:23

Tgt Ion: 117 Resp: 726441
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 32.5 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: VD066258.D

Acq: 17 Aug 2020 15:23

Instrument :

MSVOA_D

ClientSampleId :

S412-K-SO-1-1.5-081220

Tot Ion:152 Resp: 381477

Ion Ratio Lower Upper

152 100

115 55.6 28.0 83.9

150 156.7 0.0 346.4

