

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066317.D
 Acq On : 19 Aug 2020 14:36
 Operator : VA/SY
 Sample : L3700-06RE
 Misc : 8.42G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S407-K-SO-1-1.5-081420RE

Quant Time: Aug 19 16:16:50 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

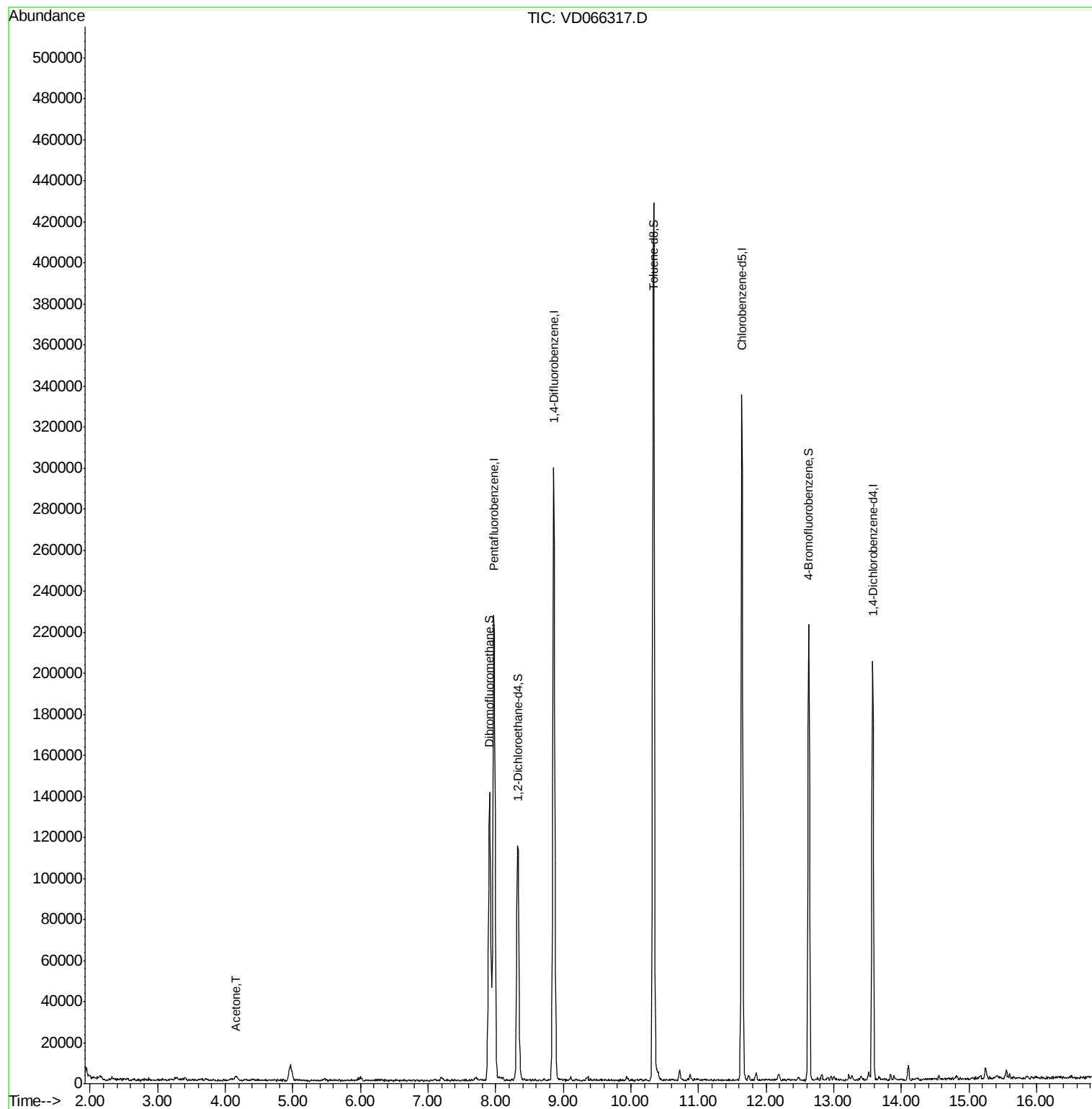
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	174912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	265577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	194235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	56747	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	100619	64.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.96%	
35) Dibromofluoromethane	7.91	113	100728	59.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.74%	
50) Toluene-d8	10.34	98	296299	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
62) 4-Bromofluorobenzene	12.63	95	68999	30.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.66%	
Target Compounds						
16) Acetone	4.16	43	3362	11.355	ug/l #	Qvalue 88

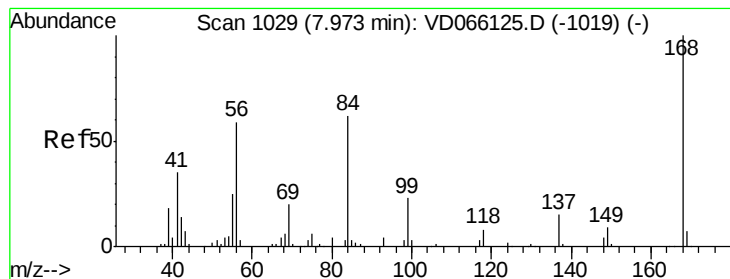
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

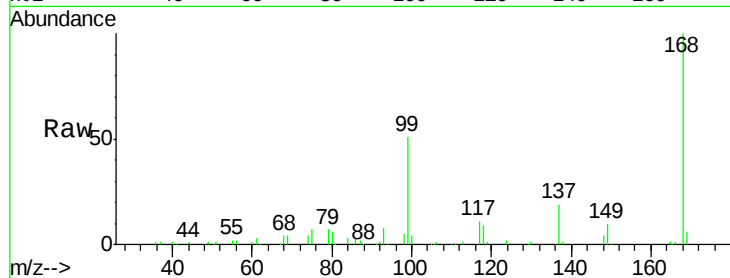
S407-K-SO-1-1.5-081420RE

Tot Ion:168 Resp: 174912

Ion Ratio Lower Upper

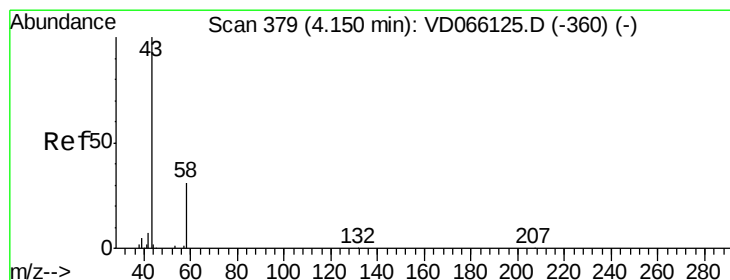
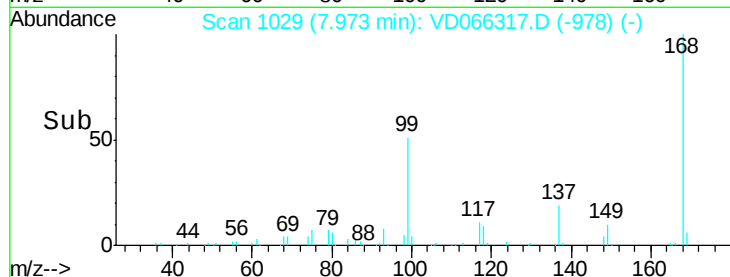
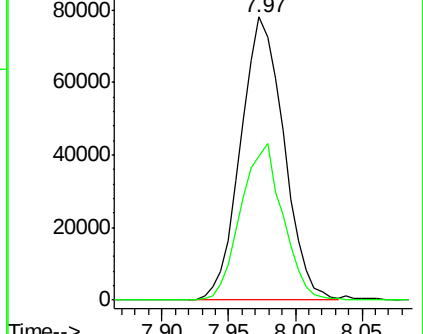
168 100

99 50.3 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 11.355 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066317.D

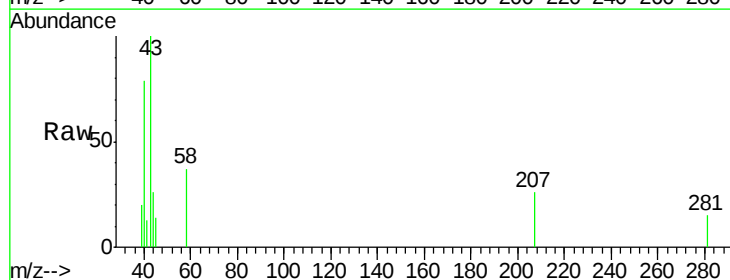
Acq: 19 Aug 2020 14:36

Tgt Ion: 43 Resp: 3362

Ion Ratio Lower Upper

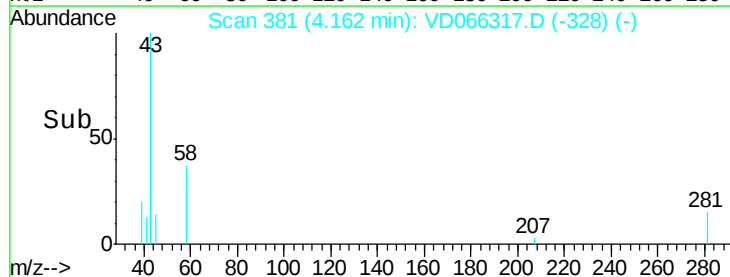
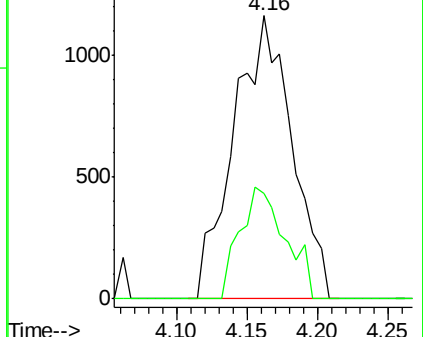
43 100

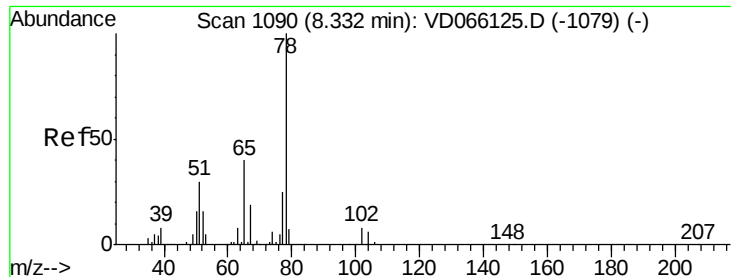
58 37.5 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 64.480 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066317.D

Acq: 19 Aug 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

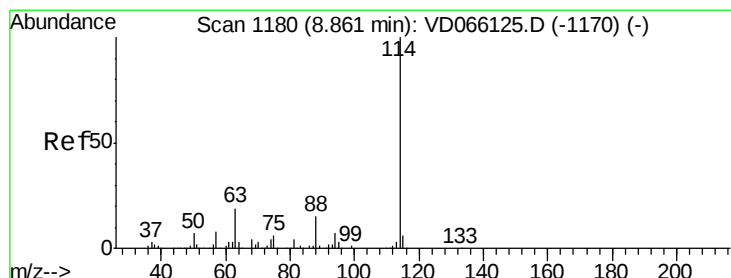
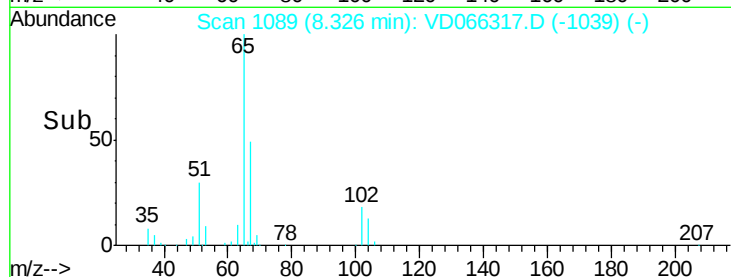
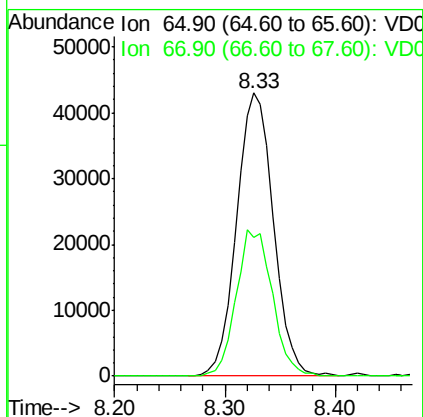
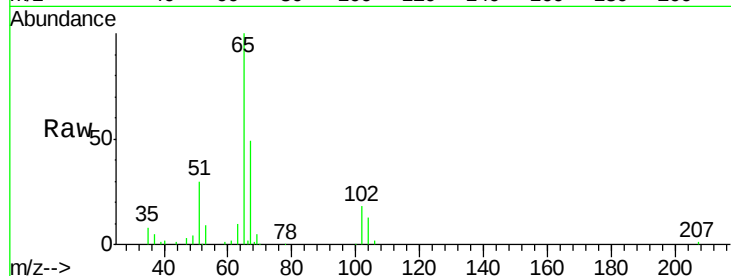
S407-K-SO-1-1.5-081420RE

Tot Ion: 65 Resp: 100619

Ion Ratio Lower Upper

65 100

67 50.6 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: VD066317.D

Acq: 19 Aug 2020 14:36

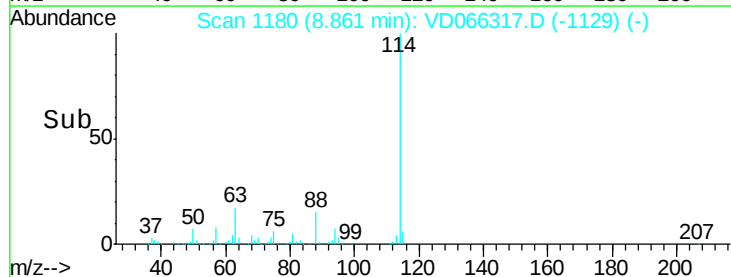
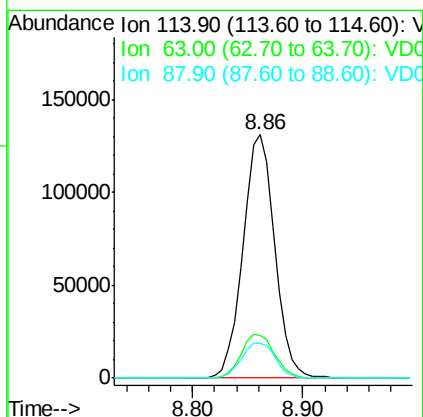
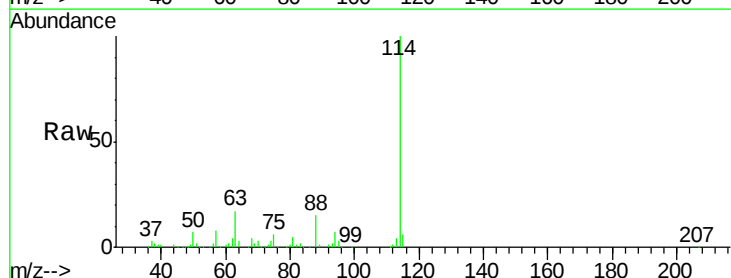
Tgt Ion: 114 Resp: 265577

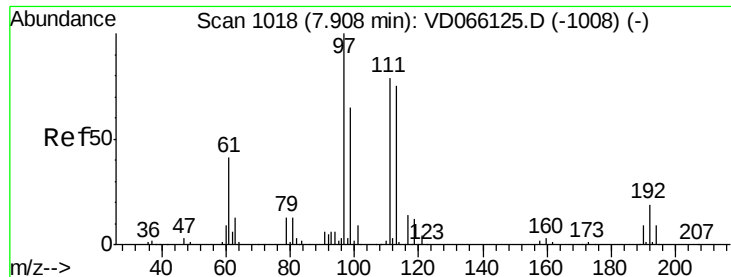
Ion Ratio Lower Upper

114 100

63 17.3 0.0 38.6

88 14.5 0.0 30.0

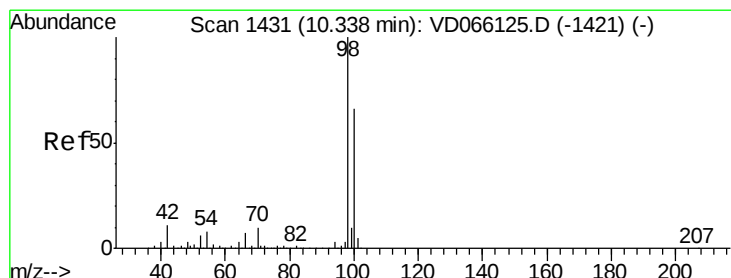
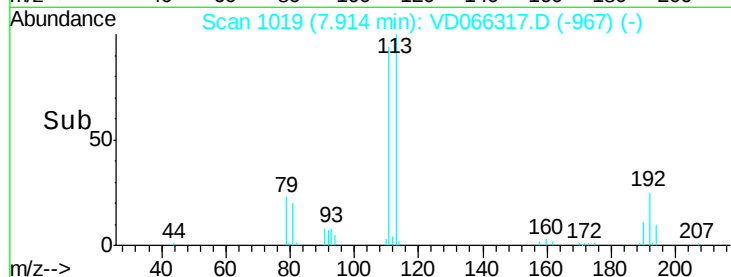
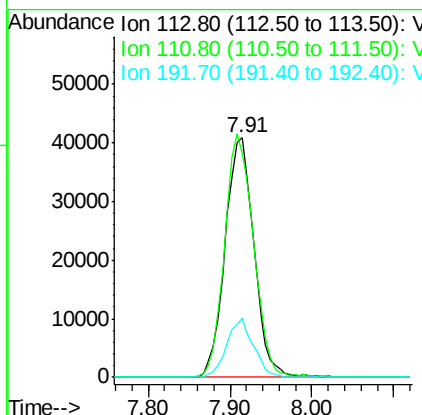
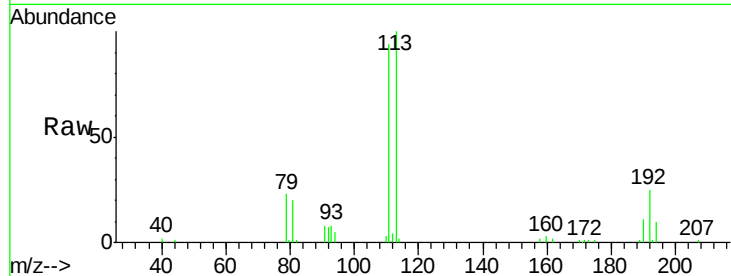




#35
 Dibromofluoromethane
 Concen: 59.871 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066317.D
 Acq: 19 Aug 2020 14:36

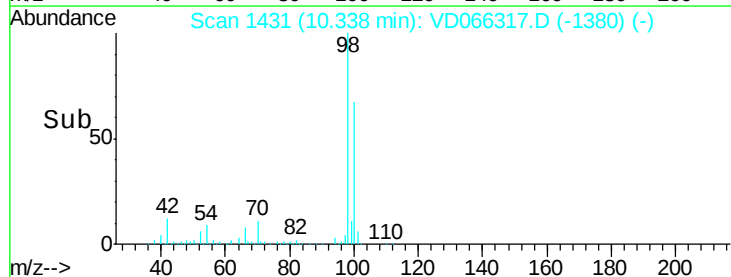
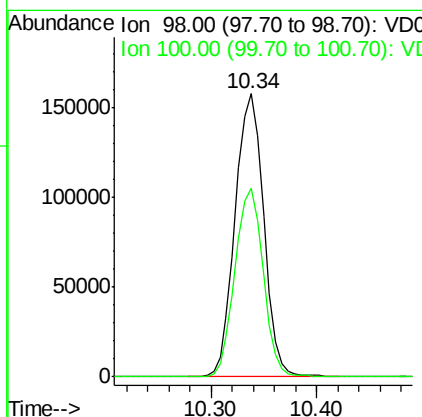
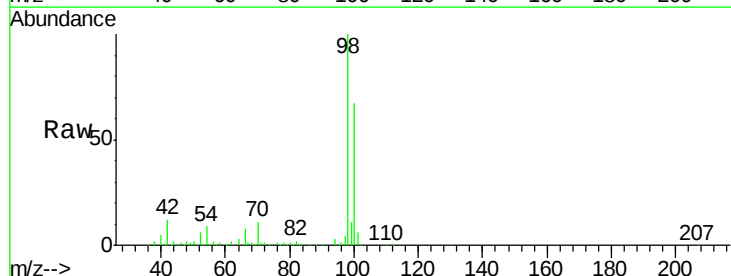
Instrument :
 MSVOA_D
 ClientSampleId :
 S407-K-SO-1-1.5-081420RE

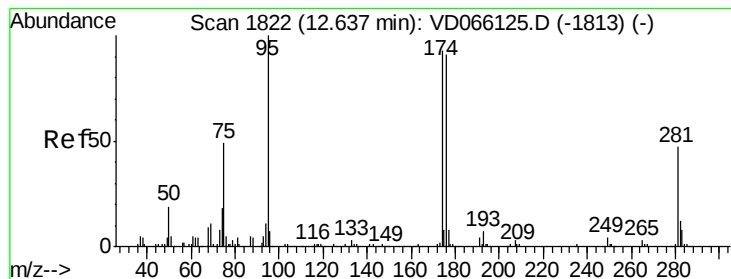
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.7	121.1
192	22.6	18.4	27.6



#50
 Toluene-d8
 Concen: 47.725 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066317.D
 Acq: 19 Aug 2020 14:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.6	78.8





#62

4-Bromofluorobenzene

Concen: 30.832 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066317.D

Acq: 19 Aug 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

S407-K-SO-1-1.5-081420RE

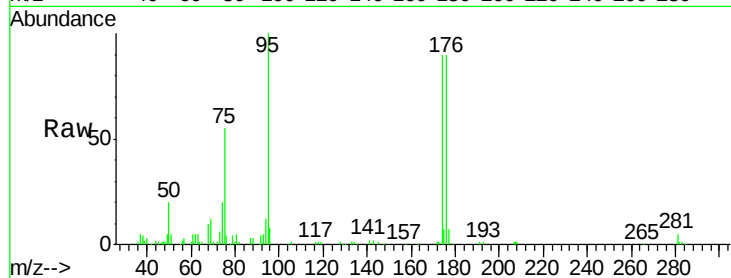
Tot Ion: 95 Resp: 68999

Ion Ratio Lower Upper

95 100

174 90.9 0.0 180.8

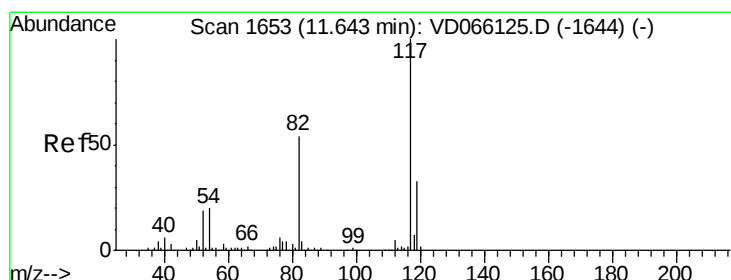
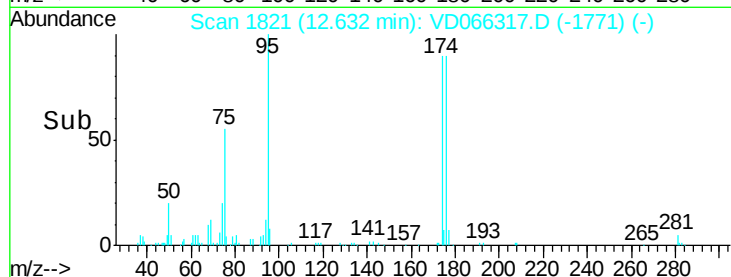
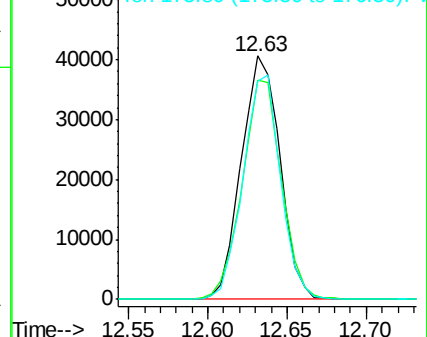
176 89.2 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VD066317.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD066317.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD066317.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066317.D

Acq: 19 Aug 2020 14:36

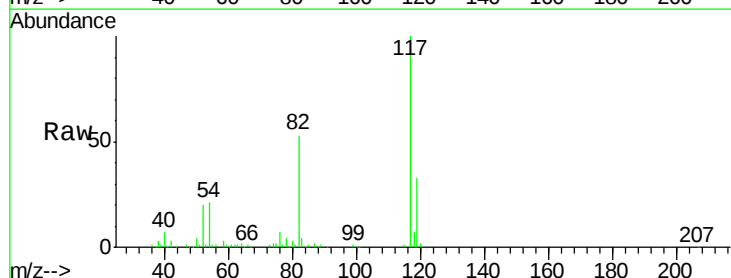
Tgt Ion: 117 Resp: 194235

Ion Ratio Lower Upper

117 100

82 52.5 43.0 64.4

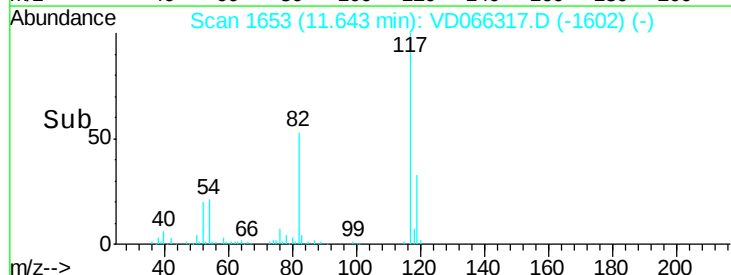
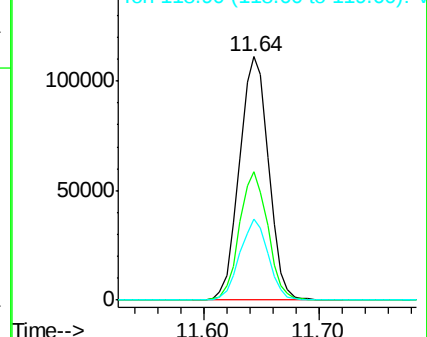
119 33.2 26.1 39.1

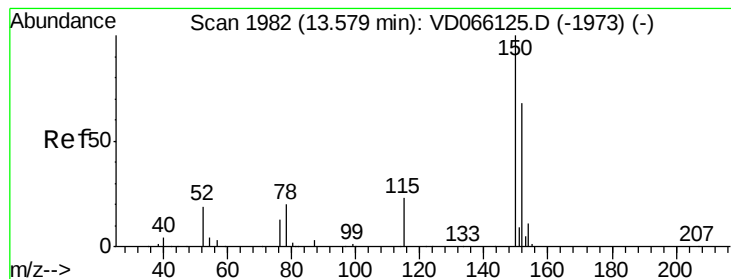


Abundance Ion 116.90 (116.60 to 117.60): VD066317.D (-1602) (-)

Ion 82.00 (81.70 to 82.70): VD066317.D (-1602) (-)

Ion 118.90 (118.60 to 119.60): VD066317.D (-1602) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066317.D

Acq: 19 Aug 2020 14:36

Instrument :

MSVOA_D

ClientSampleId :

S407-K-SO-1-1.5-081420RE

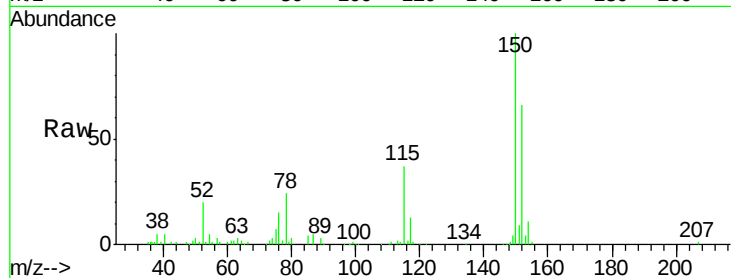
Tot Ion:152 Resp: 56747

Ion Ratio Lower Upper

152 100

115 56.8 28.0 83.9

150 153.7 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

