

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066318.D
 Acq On : 19 Aug 2020 15:03
 Operator : VA/SY
 Sample : L3700-07RE
 Misc : 7.82G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 19 16:17:37 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

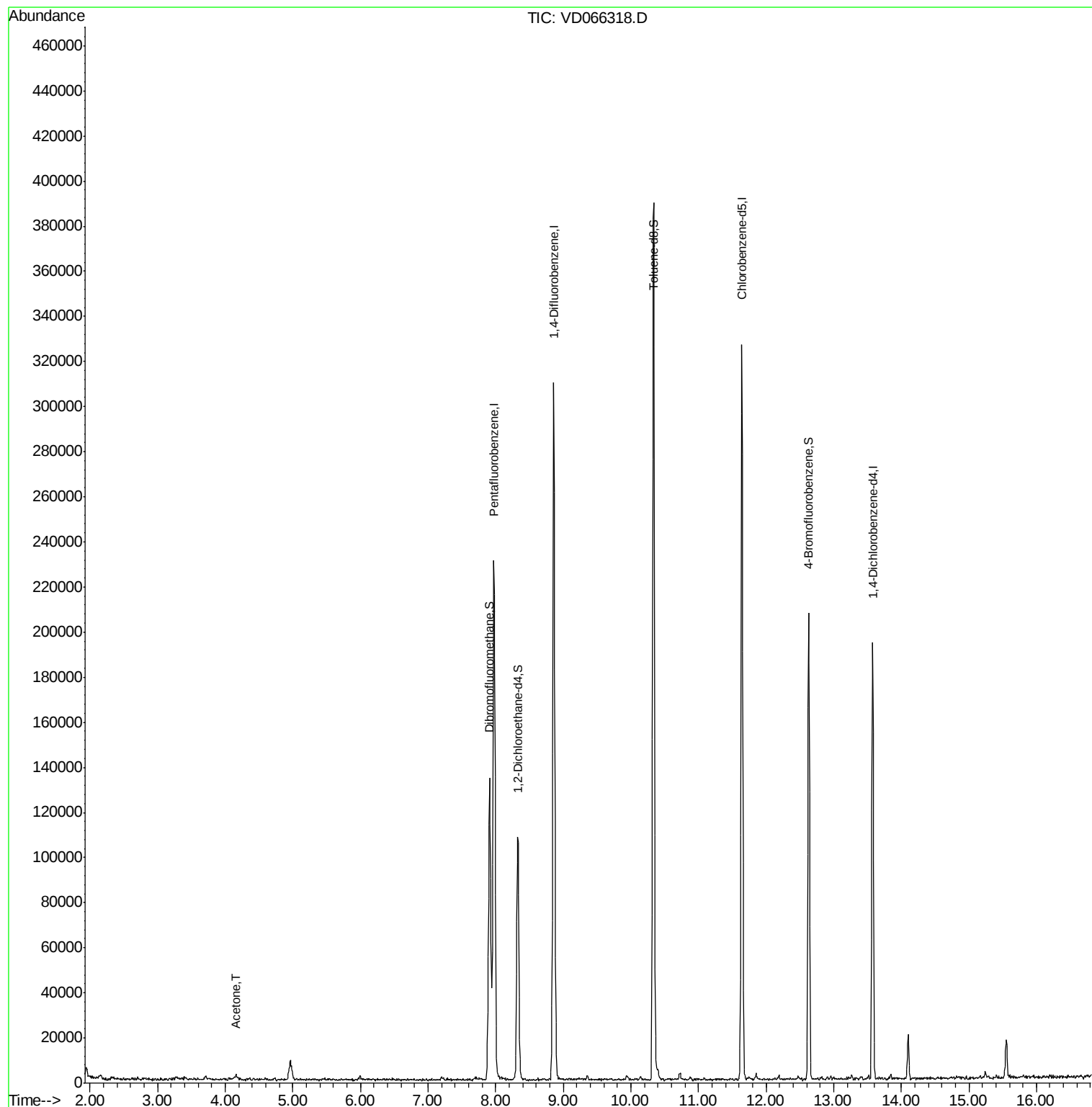
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	178156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	262436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	187452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	54129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	90557	56.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.94%	
35) Dibromofluoromethane	7.91	113	91395	54.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.94%	
50) Toluene-d8	10.33	98	268153	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.42%	
62) 4-Bromofluorobenzene	12.63	95	62102	28.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.16%	
Target Compounds						
16) Acetone	4.16	43	3614	11.984	ug/l	Qvalue 95

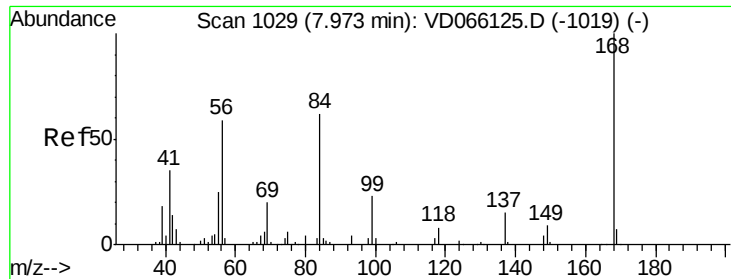
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066318.D

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ClientSampleId :

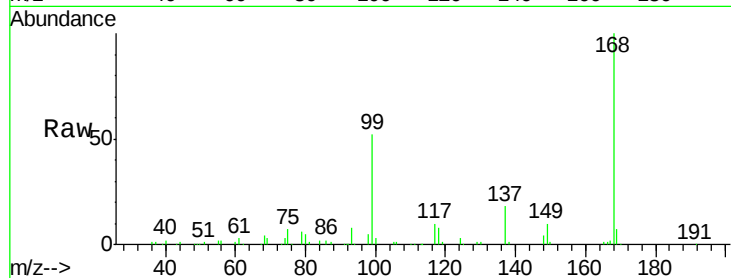
S407-K-SO-1-1.5-081420-FDRE

Tot Ion:168 Resp: 178156

Ion Ratio Lower Upper

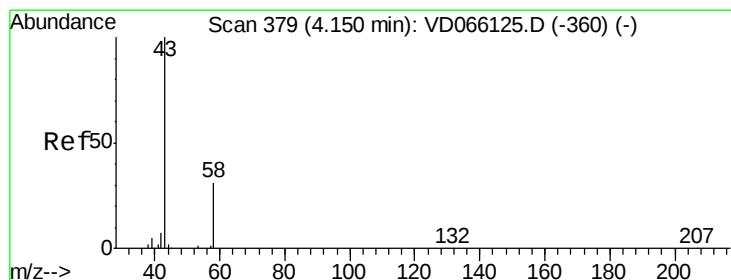
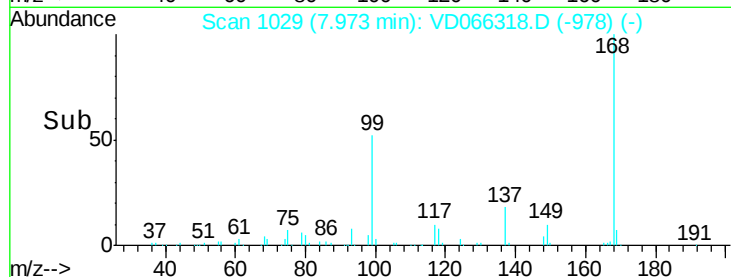
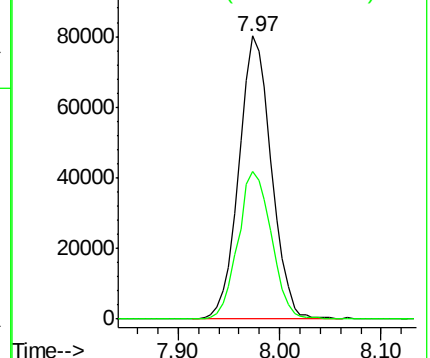
168 100

99 52.3 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: 11.984 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066318.D

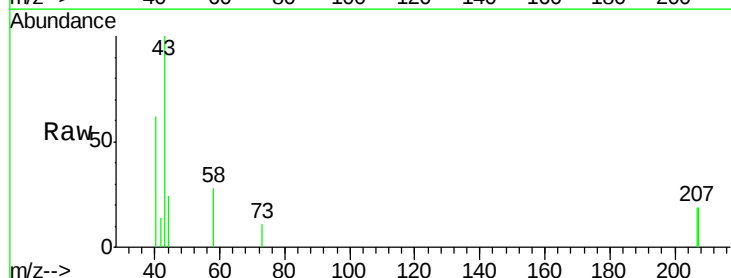
Acq: 19 Aug 2020 15:03

Tgt Ion: 43 Resp: 3614

Ion Ratio Lower Upper

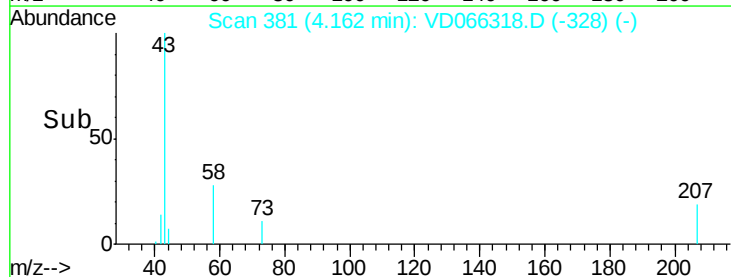
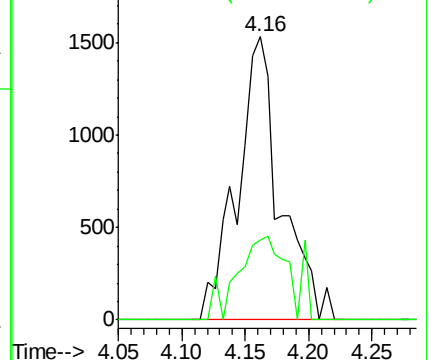
43 100

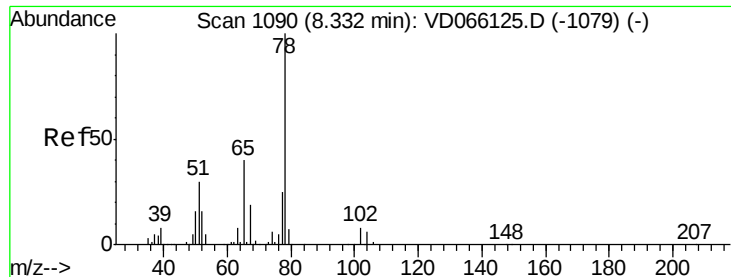
58 28.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

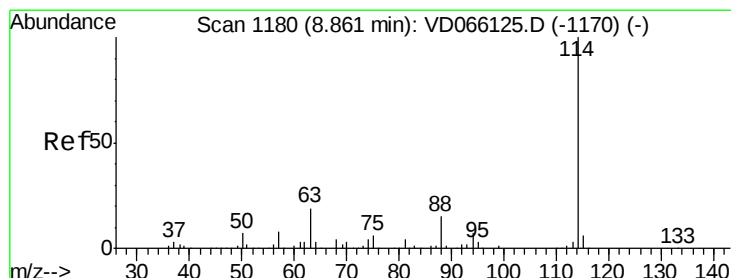
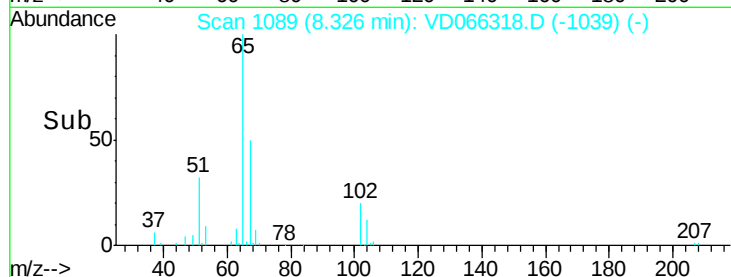
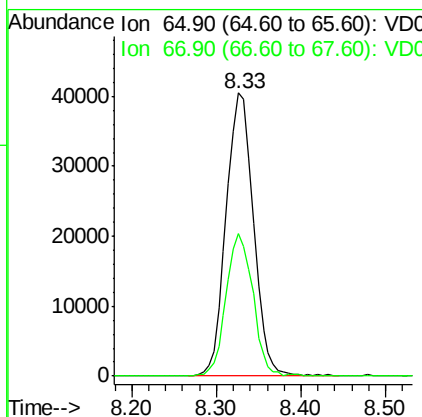
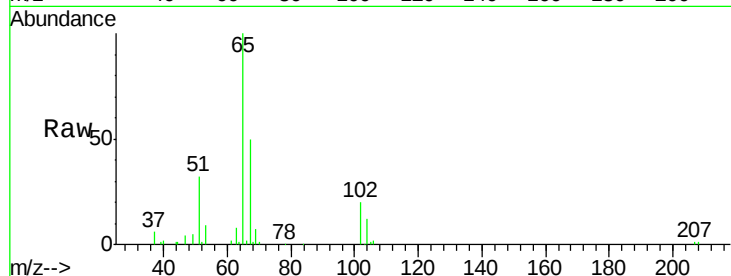




#33
 1,2-Dichloroethane-d4
 Concen: 56.975 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066318.D
 Acq: 19 Aug 2020 15:03

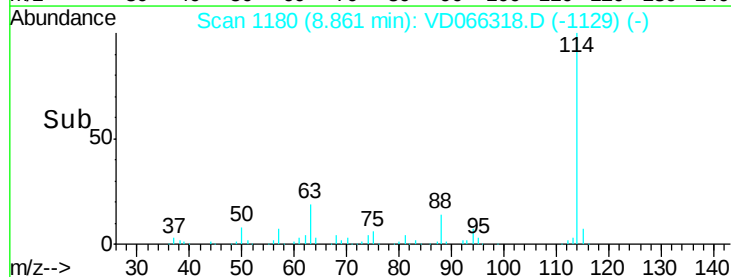
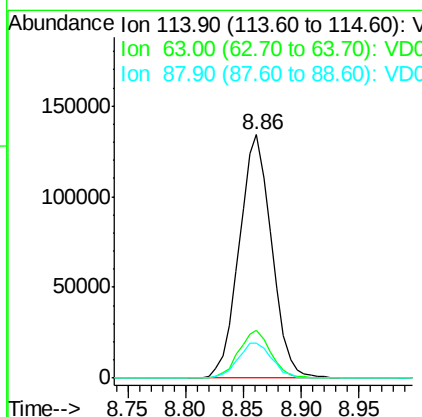
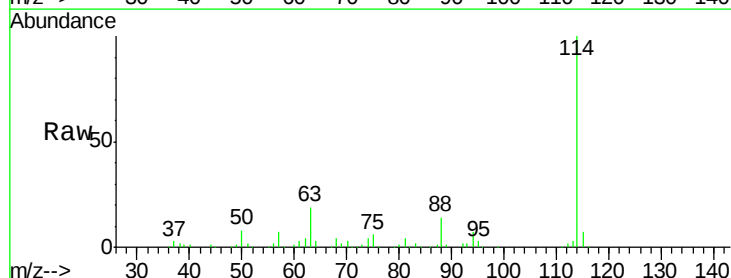
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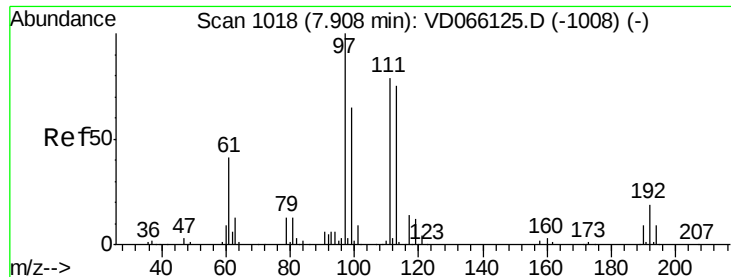
Tot Ion: 65 Resp: 90557
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066318.D
 Acq: 19 Aug 2020 15:03

Tgt Ion: 114 Resp: 262436
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 14.4 0.0 30.0

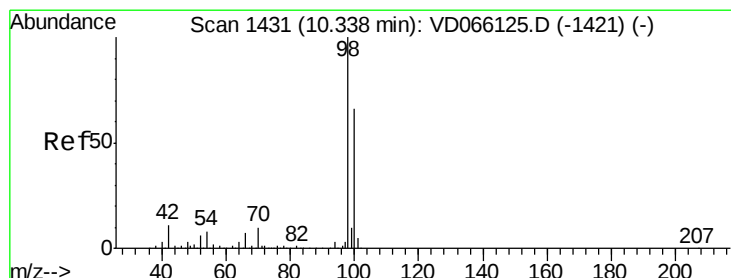
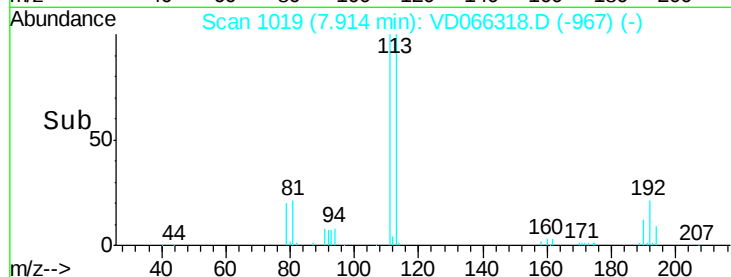
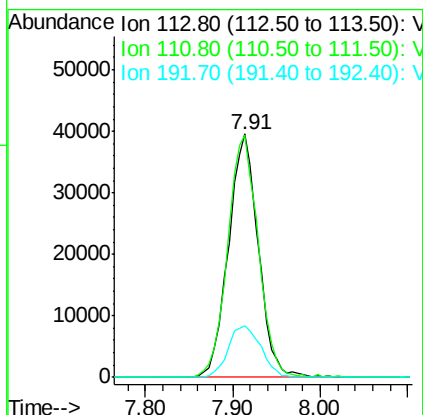
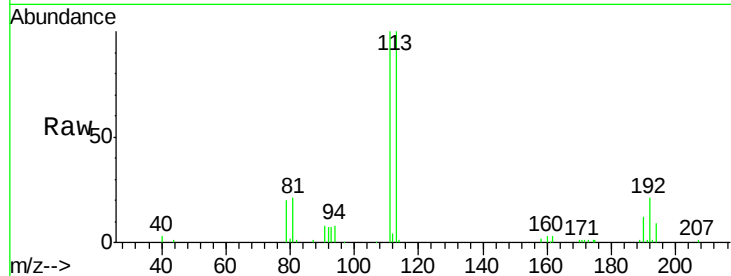




#35
Dibromofluoromethane
Concen: 54.974 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066318.D
Acq: 19 Aug 2020 15:03

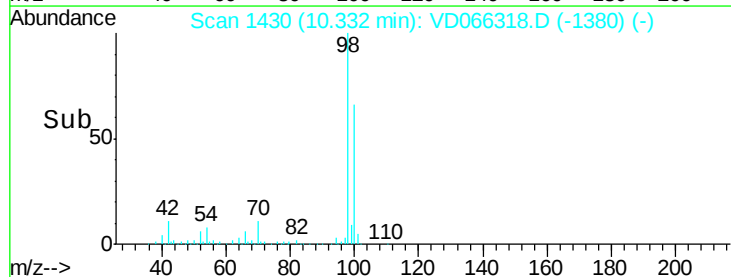
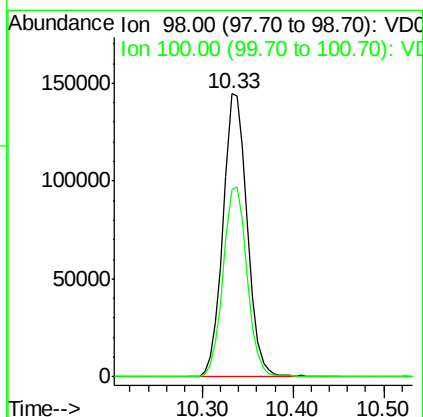
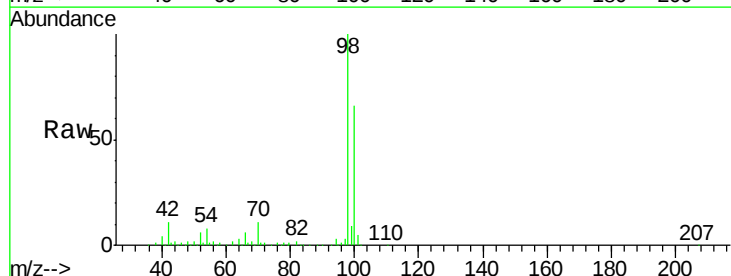
Instrument :
MSVOA_D
ClientSampleId :
S407-K-SO-1-1.5-081420-FDRE

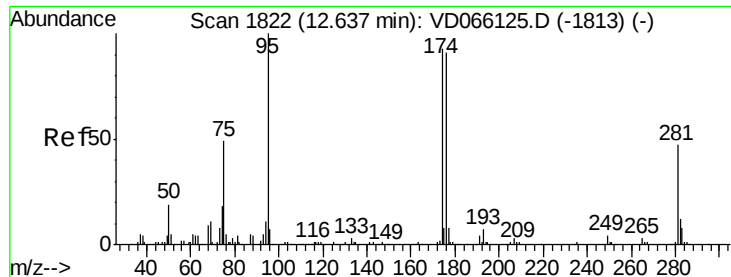
Tot Ion:113 Resp: 91395
Ion Ratio Lower Upper
113 100
111 101.9 80.7 121.1
192 23.1 18.4 27.6



#50
Toluene-d8
Concen: 43.708 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066318.D
Acq: 19 Aug 2020 15:03

Tgt Ion: 98 Resp: 268153
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 28.082 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066318.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_D

ClientSampleId :

S407-K-SO-1-1.5-081420-FDRE

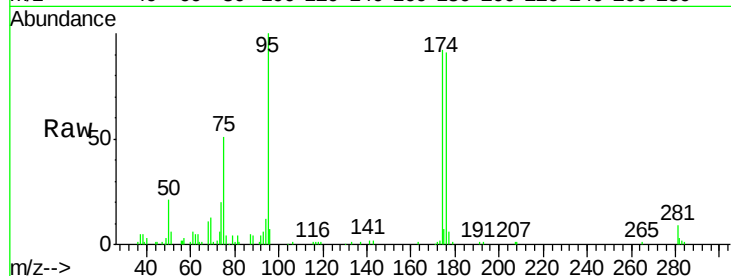
Tot Ion: 95 Resp: 62102

Ion Ratio Lower Upper

95 100

174 88.2 0.0 180.8

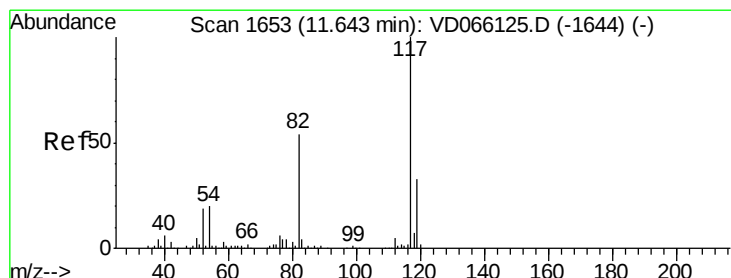
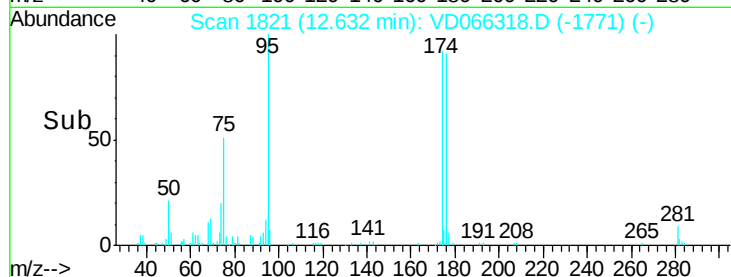
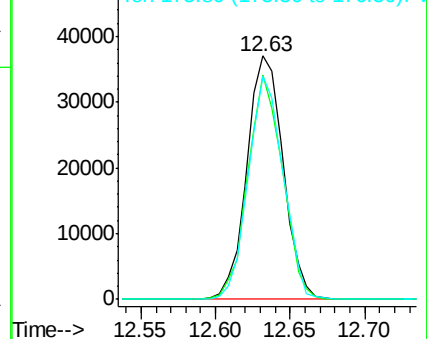
176 87.7 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VD066318.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD066318.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD066318.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066318.D

Acq: 19 Aug 2020 15:03

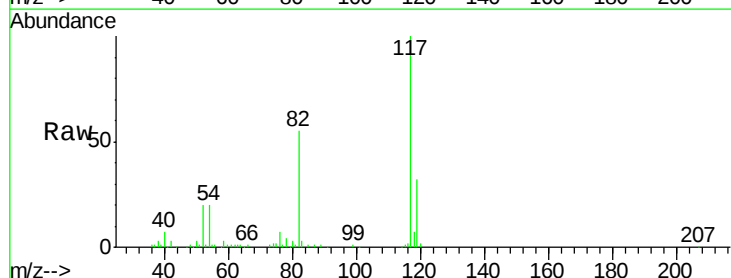
Tgt Ion: 117 Resp: 187452

Ion Ratio Lower Upper

117 100

82 54.9 43.0 64.4

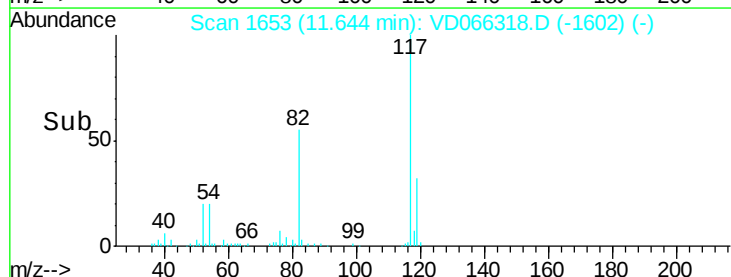
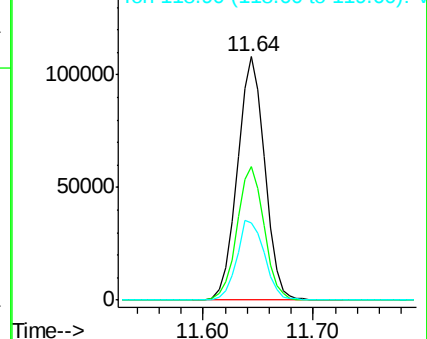
119 31.7 26.1 39.1

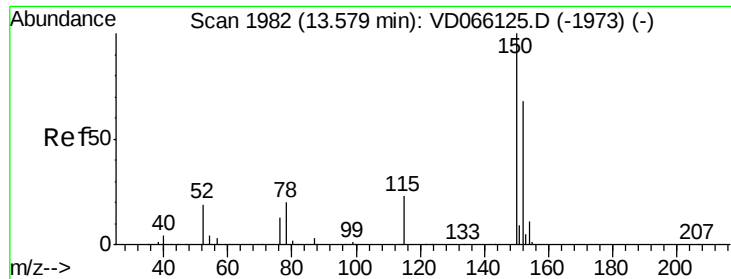


Abundance Ion 116.90 (116.60 to 117.60): VD066318.D (-1602) (-)

Ion 82.00 (81.70 to 82.70): VD066318.D (-1602) (-)

Ion 118.90 (118.60 to 119.60): VD066318.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: VD066318.D

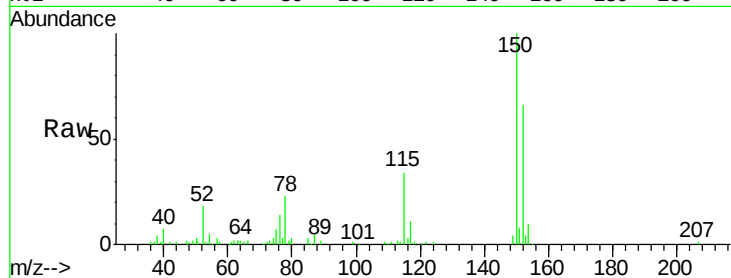
Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_D

ClientSampleId :

S407-K-SO-1-1.5-081420-FDRE



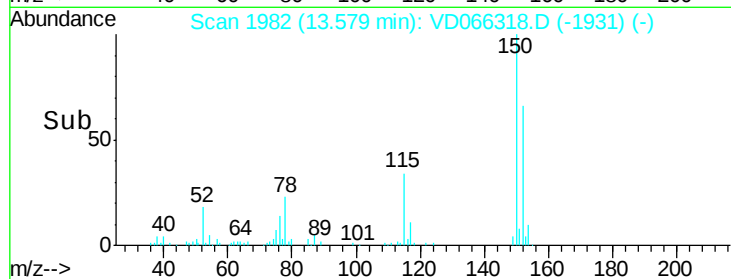
Tot Ion:152 Resp: 54129

Ion Ratio Lower Upper

152 100

115 55.4 28.0 83.9

150 154.0 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

