

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081720\
 Data File : VD066265.D
 Acq On : 17 Aug 2020 18:37
 Operator : VA/SY
 Sample : L3691-01RE
 Misc : 8.63G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S603-M-SO-1-1.5-081320RE

Quant Time: Aug 18 08:25:11 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

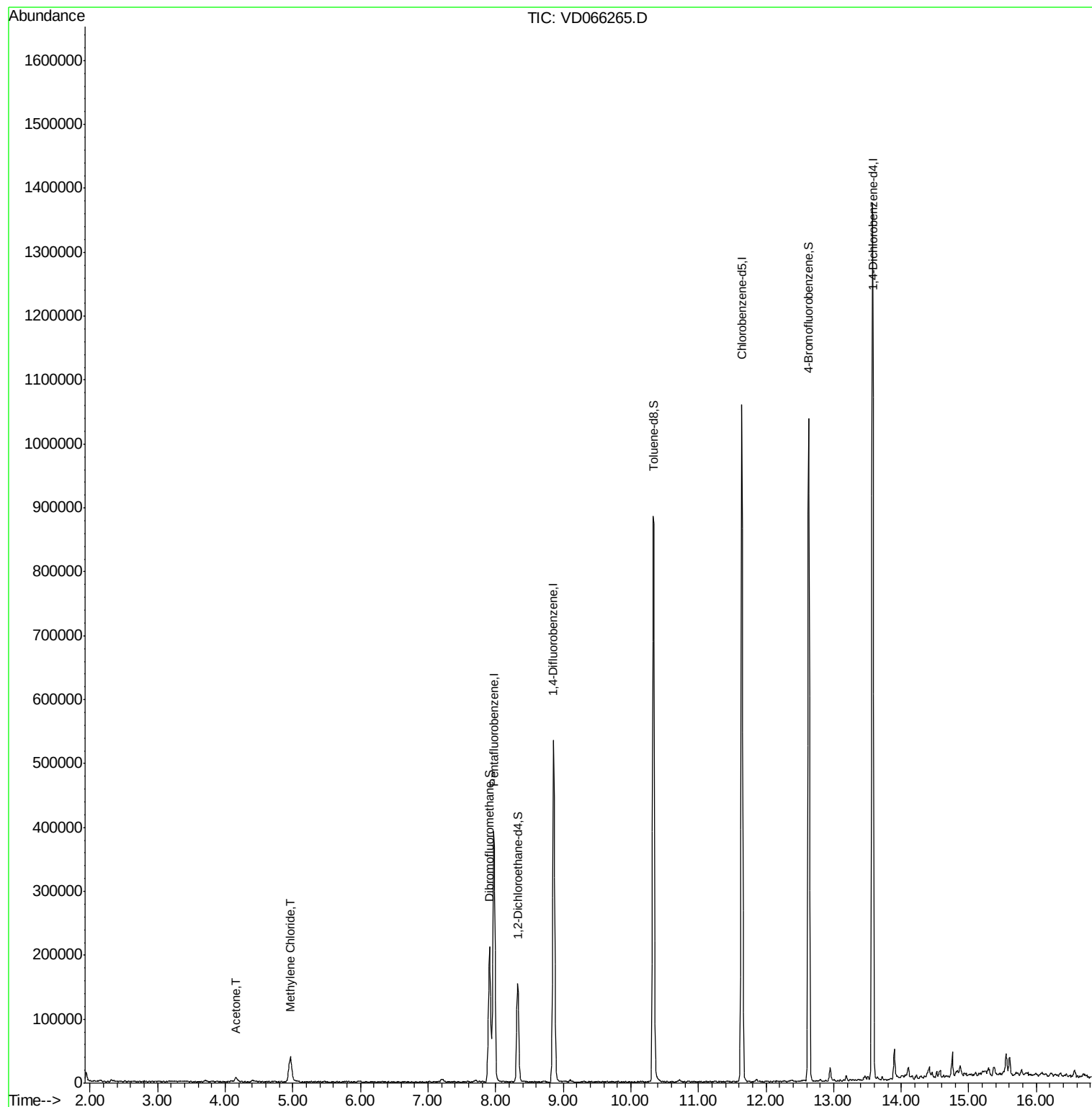
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	303648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	486020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	625978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	382040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	121073	44.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.38%	
35) Dibromofluoromethane	7.91	113	149968	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	10.33	98	613419	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.98%	
62) 4-Bromofluorobenzene	12.63	95	322546	78.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	157.52%	
Target Compounds						
16) Acetone	4.15	43	12089	23.519	ug/l #	83
20) Methylene Chloride	4.96	84	30806	6.365	ug/l	91

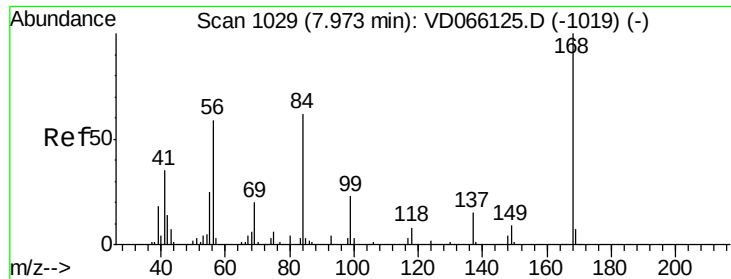
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081720\
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Quant Title : SW846 8260
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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: VD066265.D

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Instrument :

MSVOA_D

ClientSampleId :

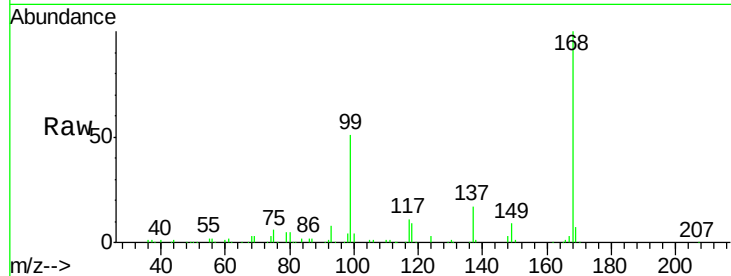
S603-M-SO-1-1.5-081320RE

Tot Ion:168 Resp: 303648

Ion Ratio Lower Upper

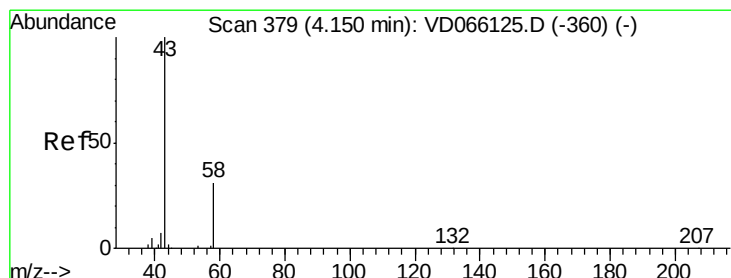
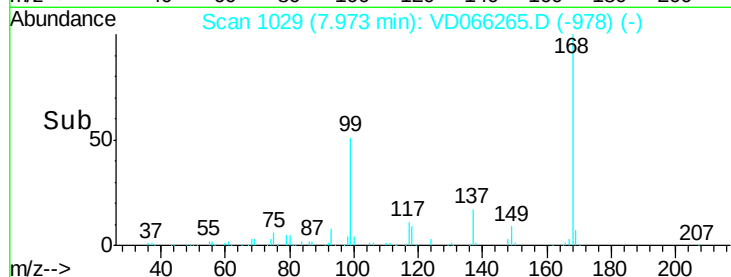
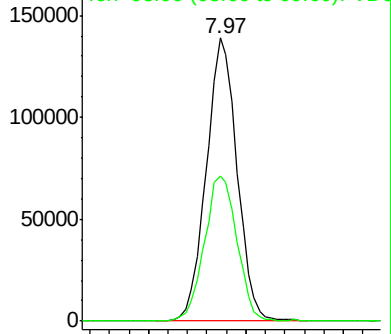
168 100

99 51.2 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: 23.519 ug/l

RT: 4.15 min Scan# 379

Delta R.T. 0.00 min

Lab File: VD066265.D

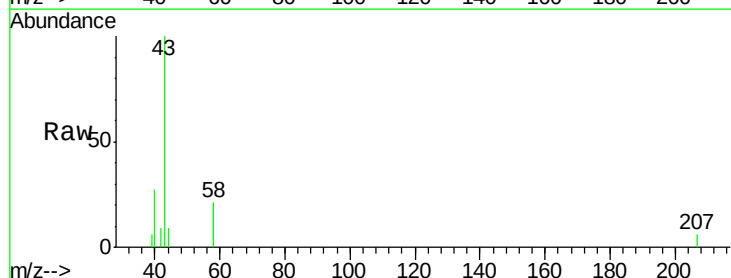
Acq: 17 Aug 2020 18:37

Tgt Ion: 43 Resp: 12089

Ion Ratio Lower Upper

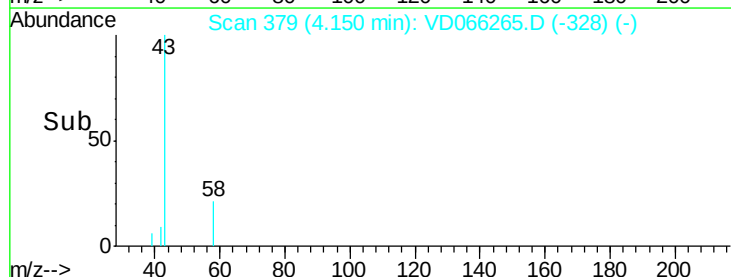
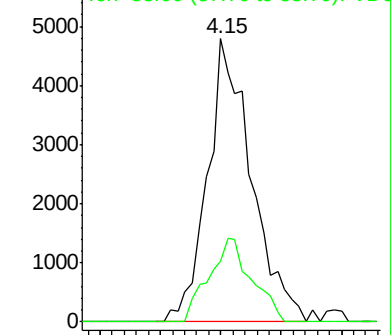
43 100

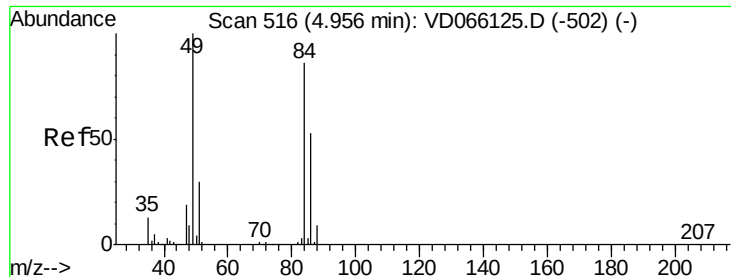
58 21.4 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

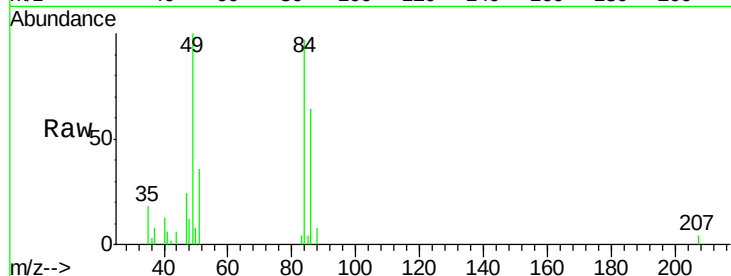




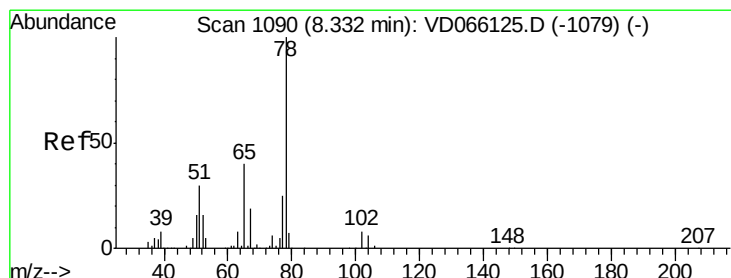
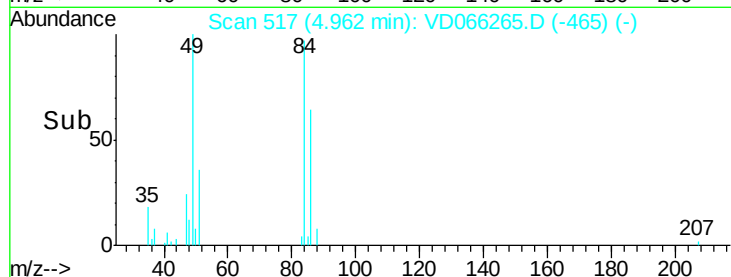
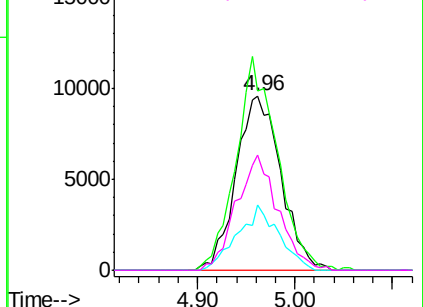
#20
Methylene Chloride
Concen: 6.365 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066265.D
Acq: 17 Aug 2020 18:37

Instrument :
MSVOA_D
ClientSampleId :
S603-M-SO-1-1.5-081320RE

Tot Ion: 84 Resp: 30806
Ion Ratio Lower Upper
84 100
49 102.8 93.5 140.3
51 37.5 28.2 42.4
86 66.3 49.5 74.3

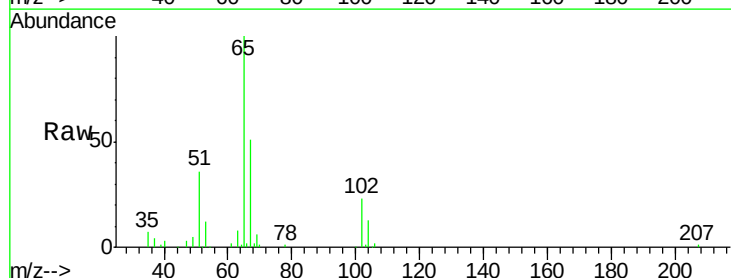


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

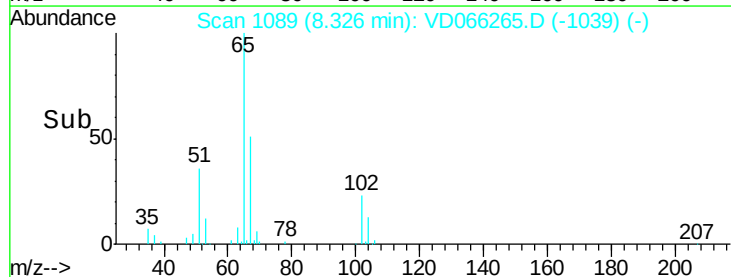
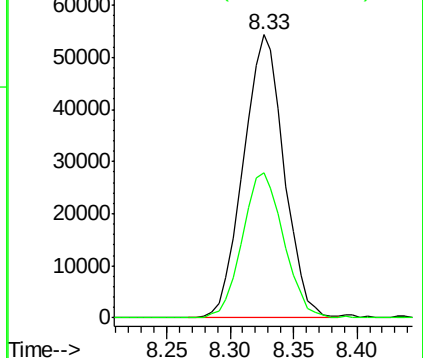


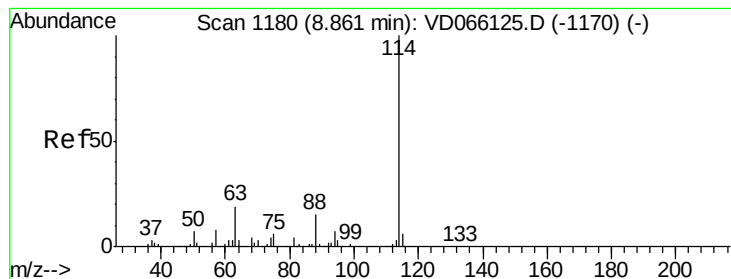
#33
1,2-Dichloroethane-d4
Concen: 44.693 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066265.D
Acq: 17 Aug 2020 18:37

Tgt Ion: 65 Resp: 121073
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: VD066265.D

Acq: 17 Aug 2020 18:37

Instrument :

MSVOA_D

ClientSampleId :

S603-M-SO-1-1.5-081320RE

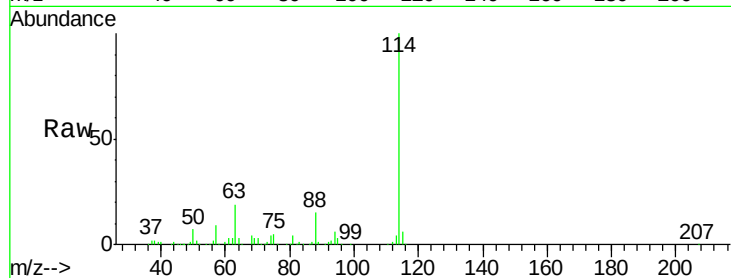
Tot Ion:114 Resp: 486020

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

88 14.7 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

300000

250000

200000

150000

100000

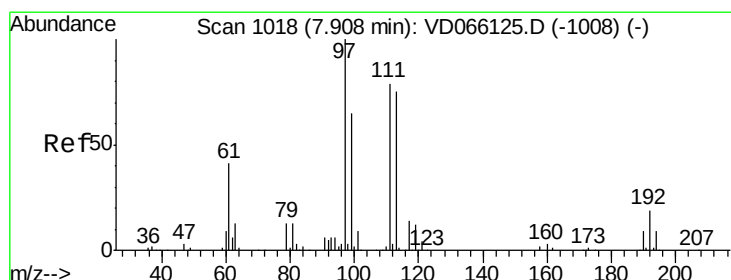
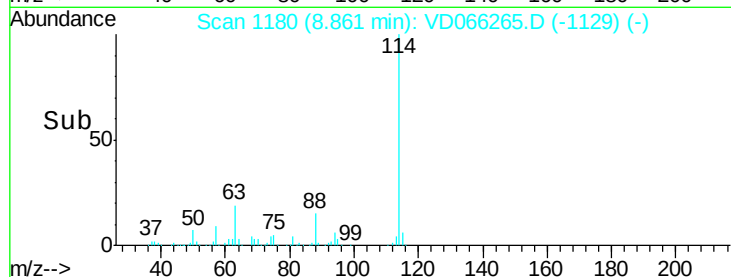
50000

0

8.86

8.80 8.90 9.00

Time-->



#35

Dibromofluoromethane

Concen: 48.708 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066265.D

Acq: 17 Aug 2020 18:37

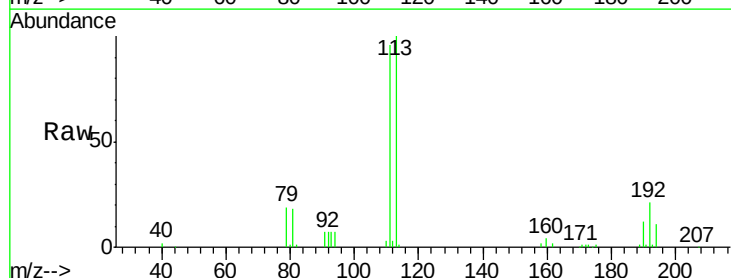
Tgt Ion:113 Resp: 149968

Ion Ratio Lower Upper

113 100

111 99.4 80.7 121.1

192 22.3 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

80000

60000

40000

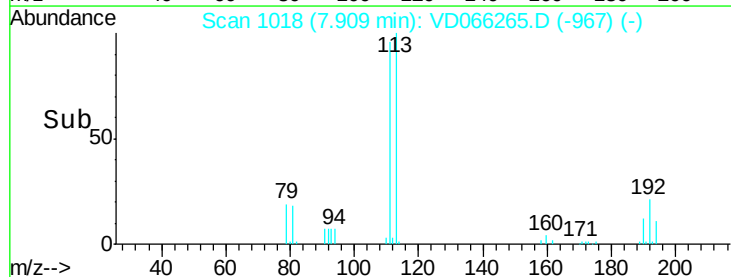
20000

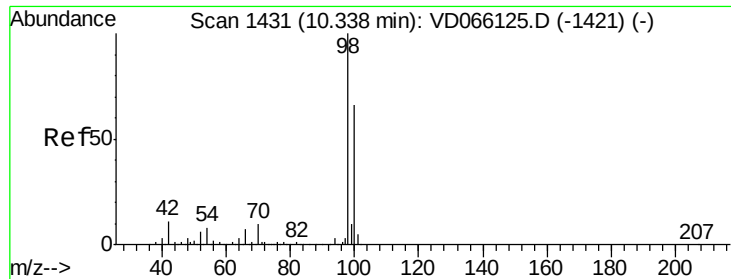
0

7.91

7.80 7.90 8.00

Time-->

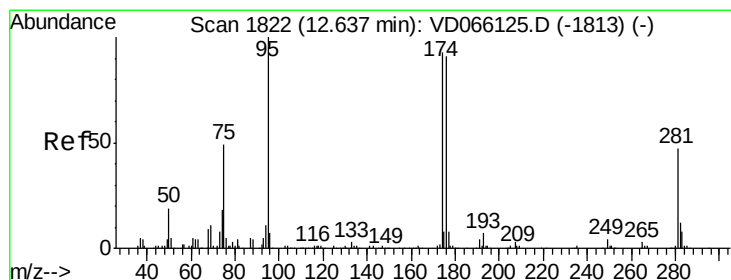
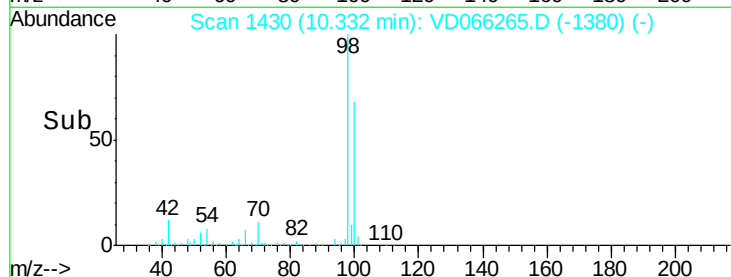
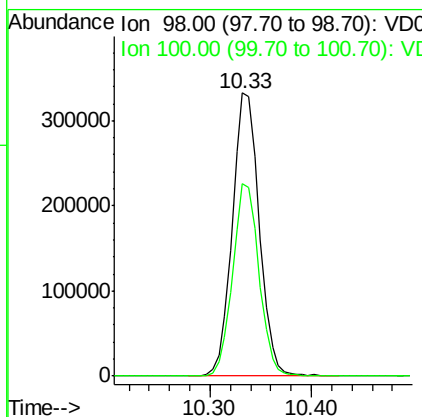
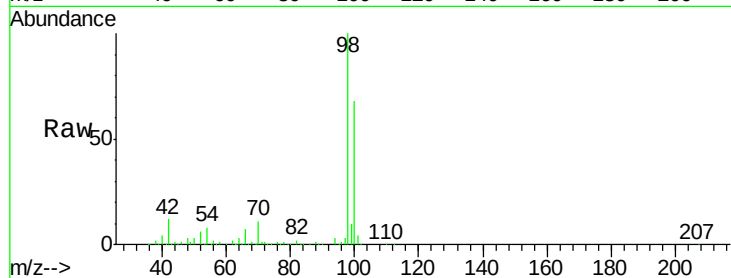




#50
Toluene-d8
Concen: 53.989 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066265.D
Acq: 17 Aug 2020 18:37

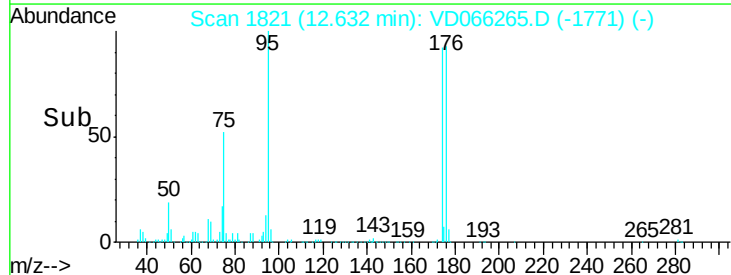
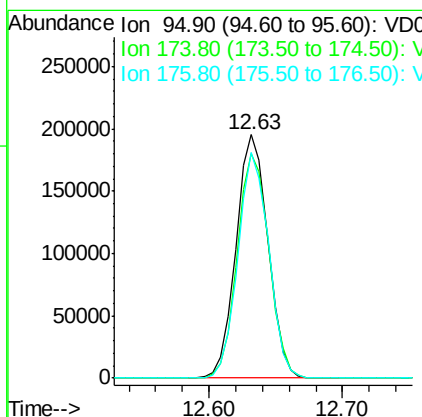
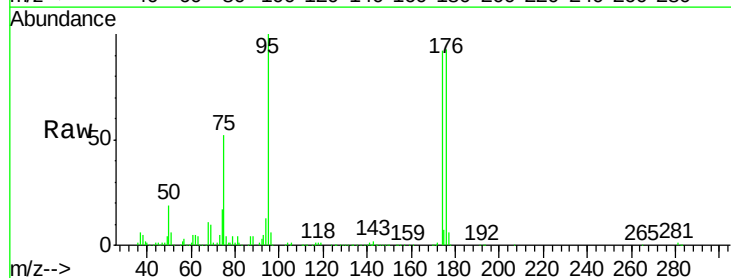
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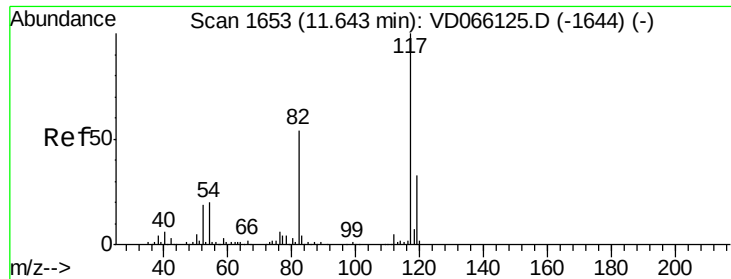
Tot Ion: 98 Resp: 613419
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 78.756 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066265.D
Acq: 17 Aug 2020 18:37

Tgt Ion: 95 Resp: 322546
Ion Ratio Lower Upper
95 100
174 91.7 0.0 180.8
176 89.4 0.0 181.2

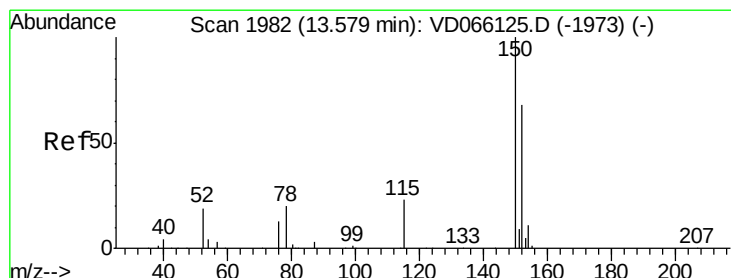
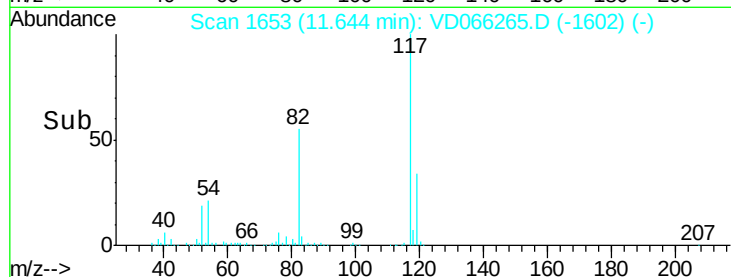
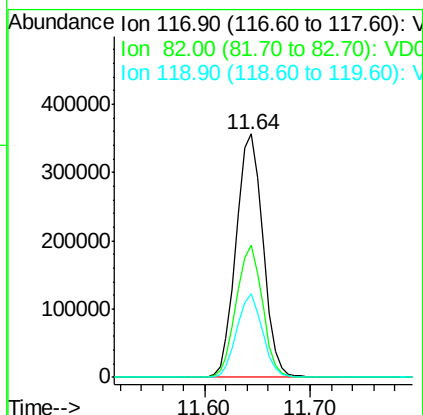
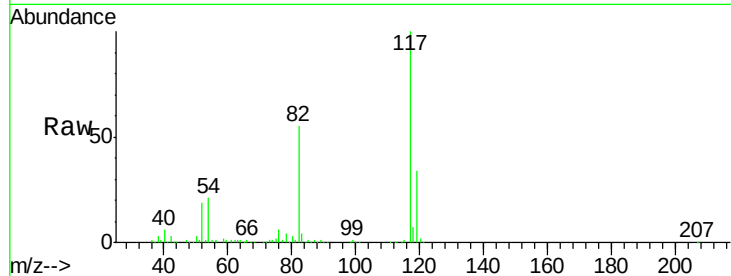




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066265.D
Acq: 17 Aug 2020 18:37

Instrument :
MSVOA_D
ClientSampleId :
S603-M-SO-1-1.5-081320RE

Tot Ion:117 Resp: 625978
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 34.3 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: VD066265.D
Acq: 17 Aug 2020 18:37

Tgt Ion:152 Resp: 382040
Ion Ratio Lower Upper
152 100
115 55.7 28.0 83.9
150 156.5 0.0 346.4

