

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066385.D
 Acq On : 24 Aug 2020 17:07
 Operator : VA/SY
 Sample : L3780-09
 Misc : 8.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-03-082120-B

Quant Time: Aug 25 04:51:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

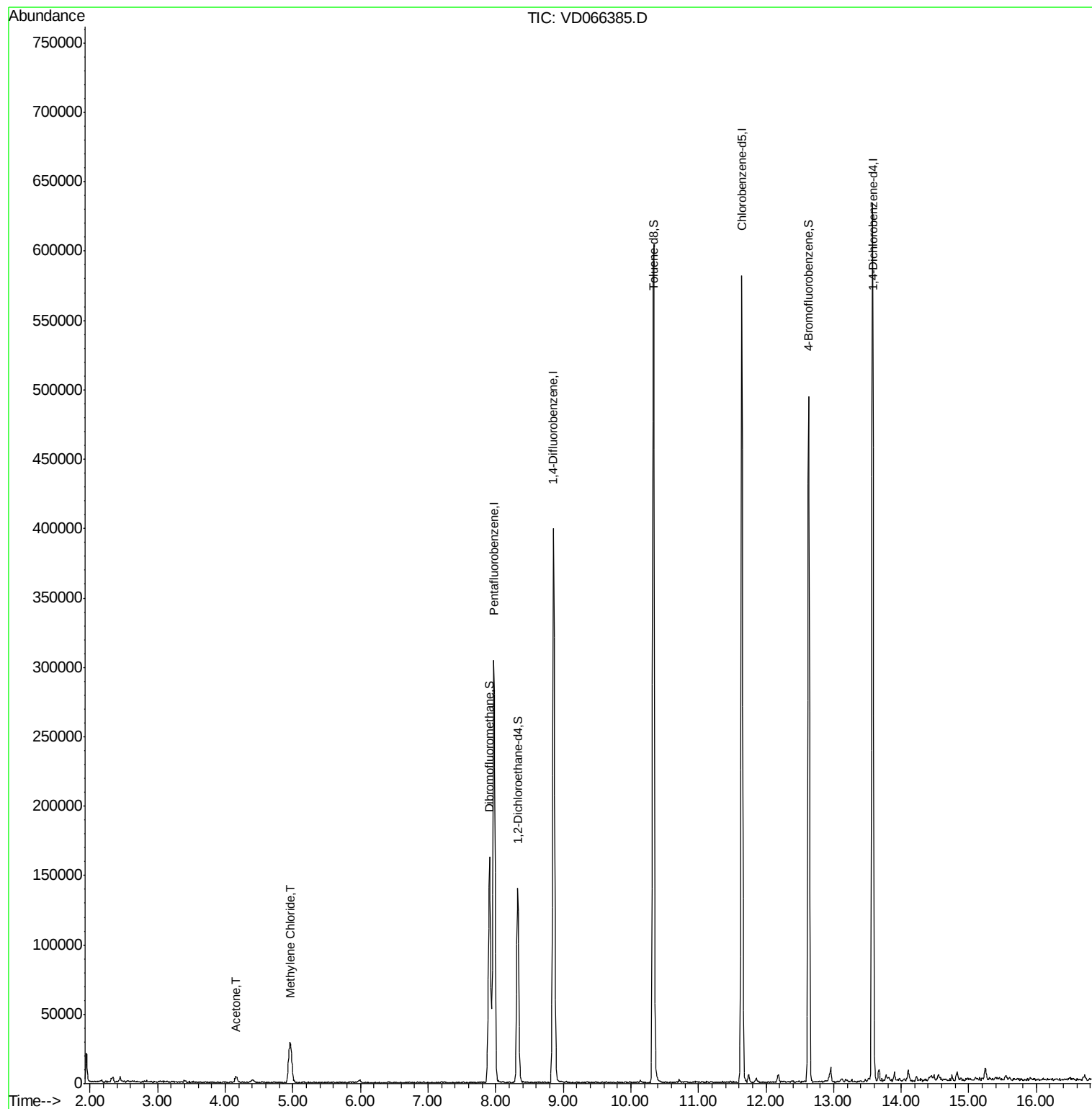
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	223330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	345049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	329541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	172388	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	119435	54.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.10%	
35) Dibromofluoromethane	7.91	113	110411	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
50) Toluene-d8	10.33	98	412940	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
62) 4-Bromofluorobenzene	12.63	95	149552	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
Target Compounds						
16) Acetone	4.16	43	7684	19.466	ug/l	99
20) Methylene Chloride	4.97	84	24550	6.076	ug/l #	95

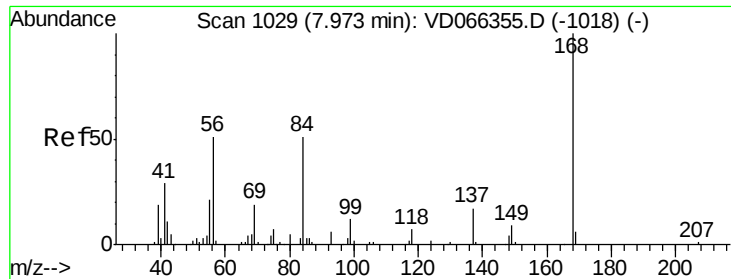
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082420\
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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: VD066385.D

Acq: 24 Aug 2020 17:07

Instrument :

MSVOA_D

ClientSampleId :

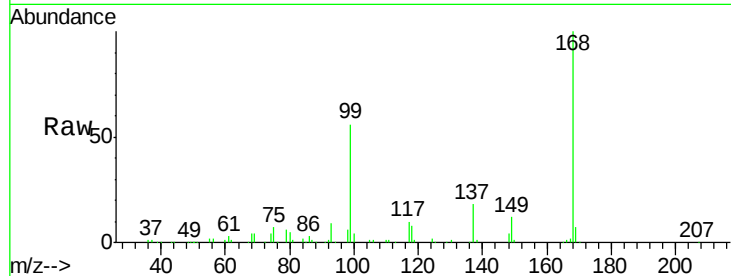
JC-03-082120-B

Tot Ion:168 Resp: 223330

Ion Ratio Lower Upper

168 100

99 55.9 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

100000

80000

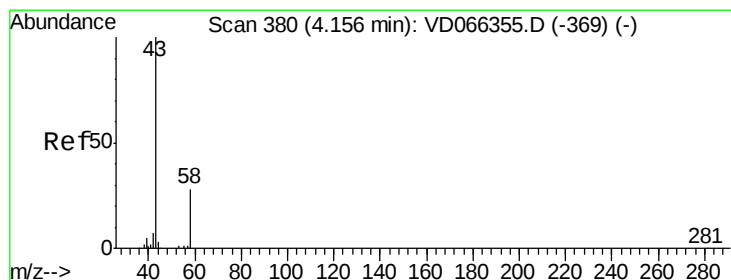
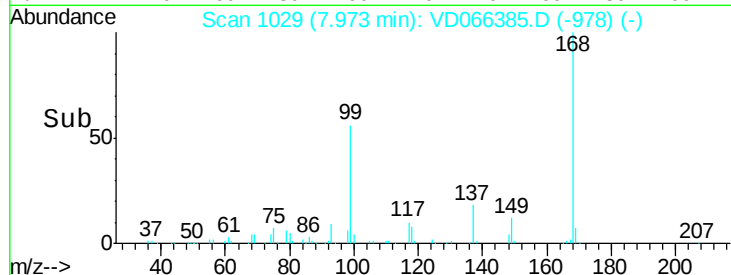
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 19.466 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066385.D

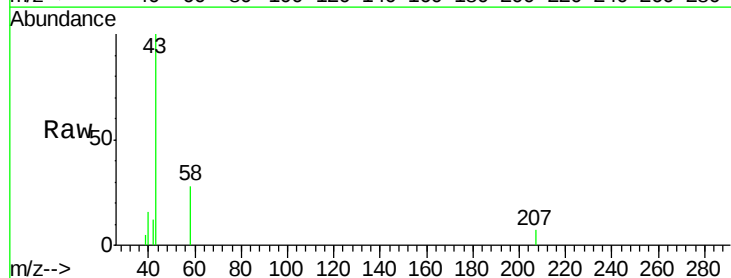
Acq: 24 Aug 2020 17:07

Tgt Ion: 43 Resp: 7684

Ion Ratio Lower Upper

43 100

58 27.8 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

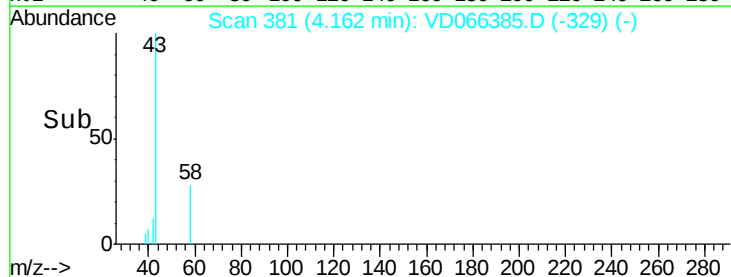
3000

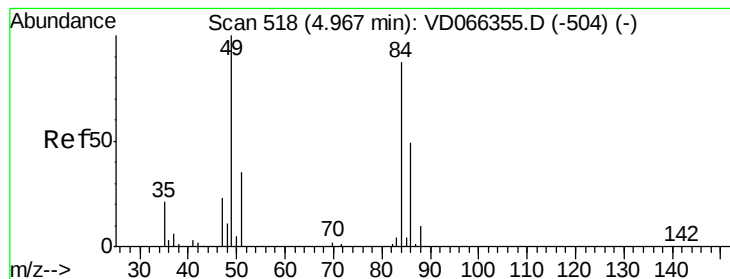
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 6.076 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066385.D

Acq: 24 Aug 2020 17:07

Instrument :

MSVOA_D

ClientSampleId :

JC-03-082120-B

Tot Ion: 84 Resp: 24550

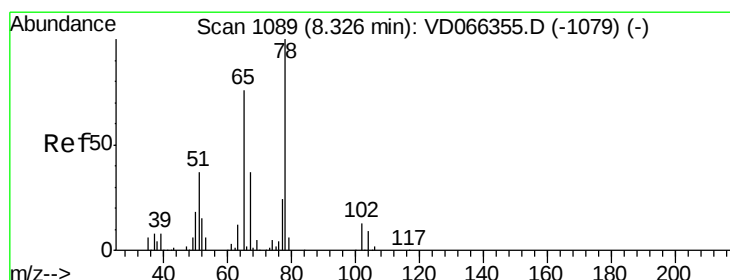
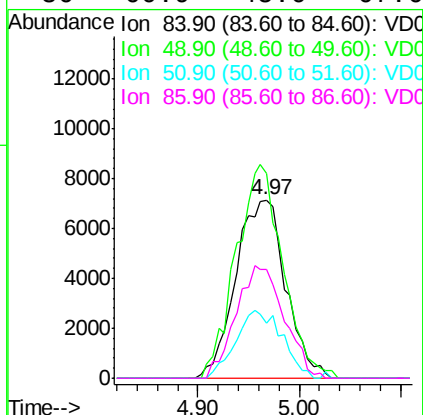
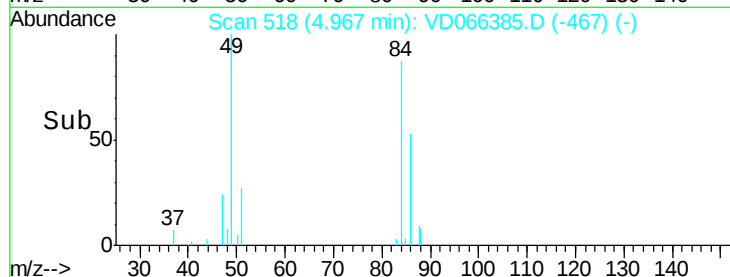
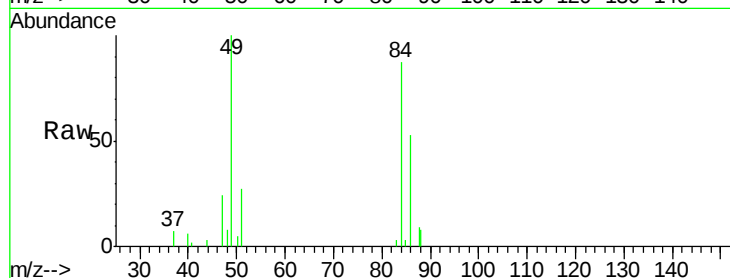
Ion Ratio Lower Upper

84 100

49 114.8 92.5 138.7

51 31.2 32.5 48.7#

86 60.9 45.0 67.6



#33

1,2-Dichloroethane-d4

Concen: 54.549 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066385.D

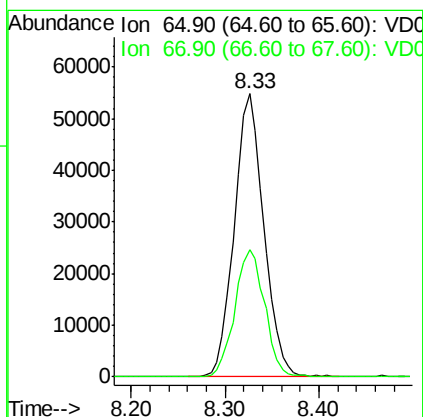
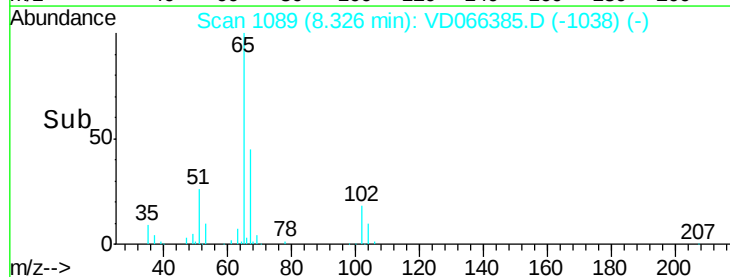
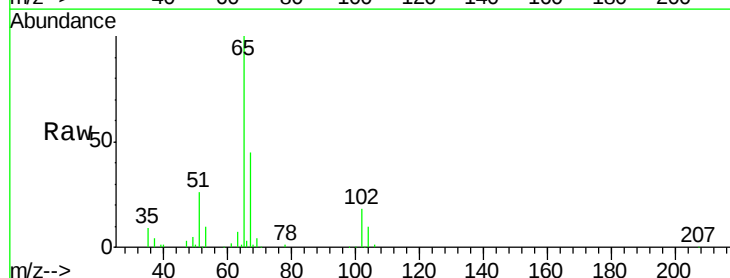
Acq: 24 Aug 2020 17:07

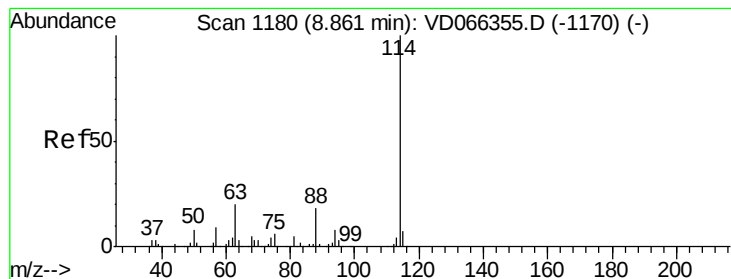
Tgt Ion: 65 Resp: 119435

Ion Ratio Lower Upper

65 100

67 45.4 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066385.D

Acq: 24 Aug 2020 17:07

Instrument :

MSVOA_D

ClientSampleId :

JC-03-082120-B

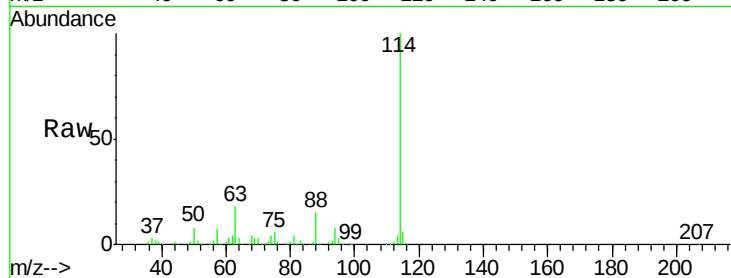
Tot Ion:114 Resp: 345049

Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.8

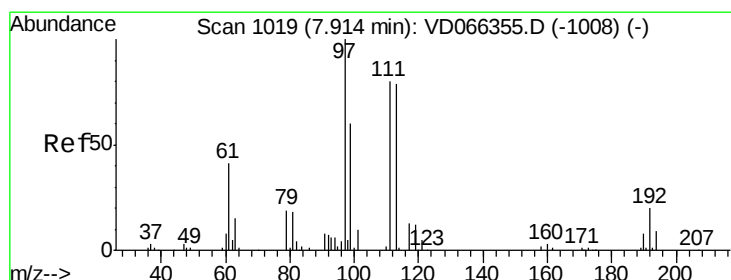
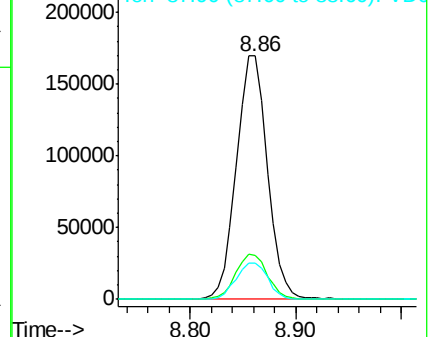
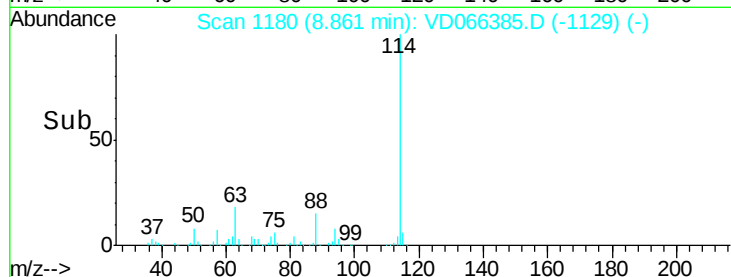
88 15.1 0.0 35.4



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



#35

Dibromofluoromethane

Concen: 51.172 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066385.D

Acq: 24 Aug 2020 17:07

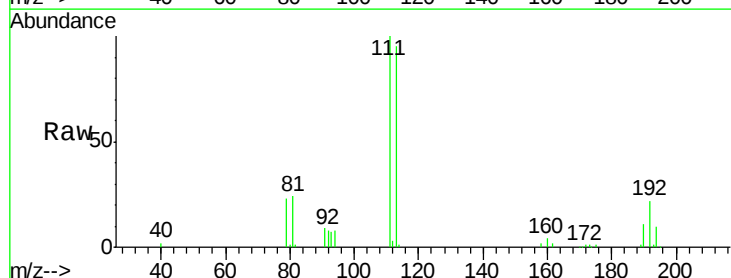
Tgt Ion:113 Resp: 110411

Ion Ratio Lower Upper

113 100

111 102.8 80.3 120.5

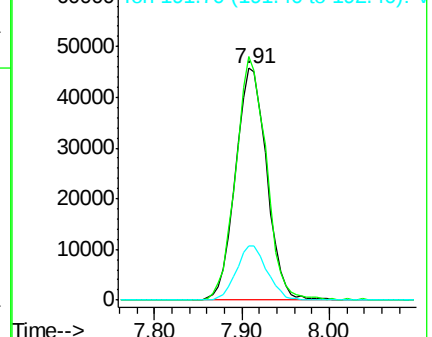
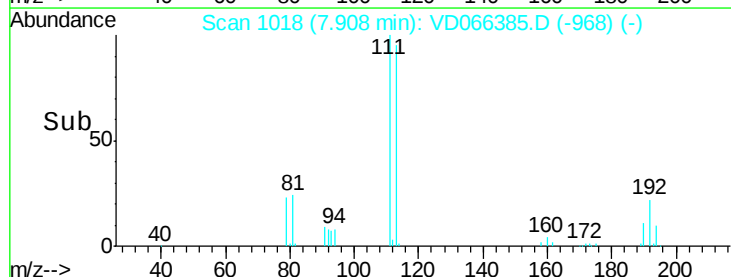
192 22.9 19.0 28.6

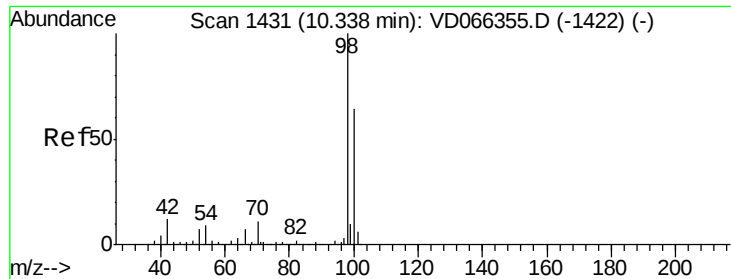


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

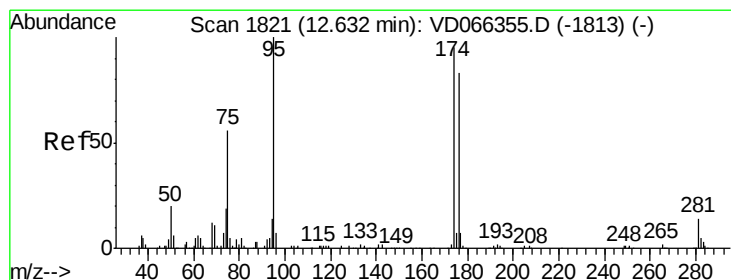
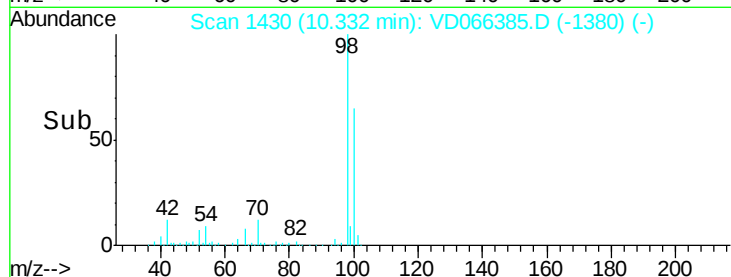
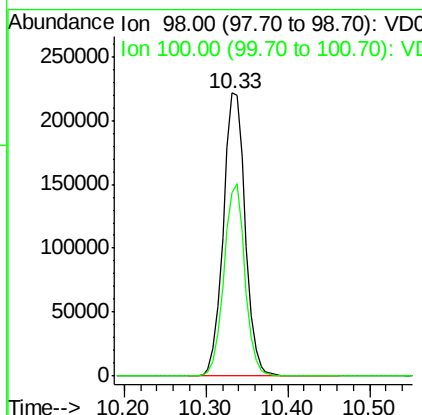
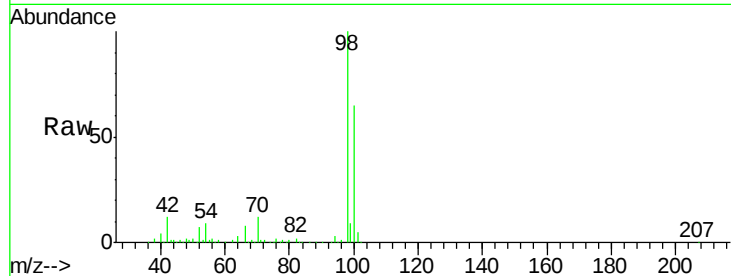




#50
Toluene-d8
Concen: 52.308 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066385.D
Acq: 24 Aug 2020 17:07

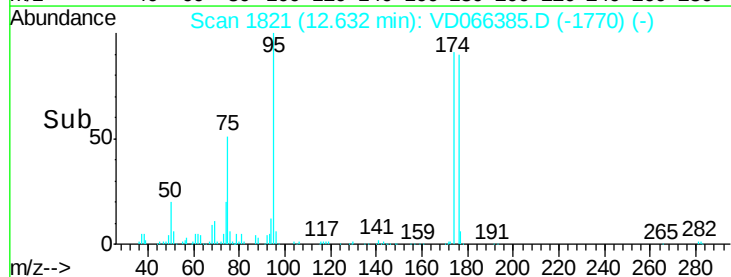
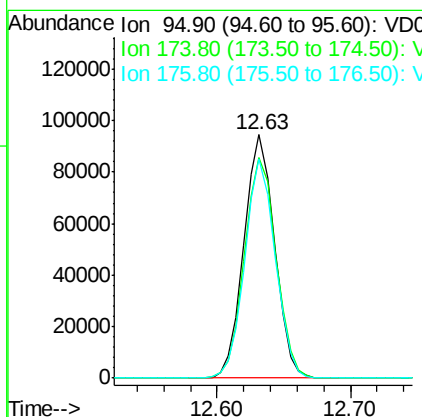
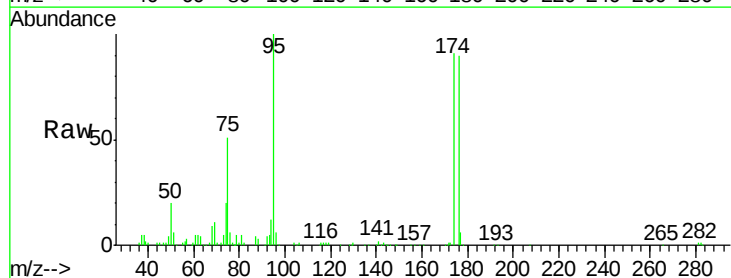
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JC-03-082120-B

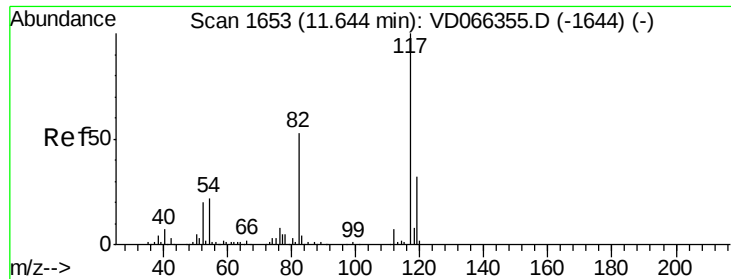
Tot Ion: 98 Resp: 412940
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.387 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066385.D
Acq: 24 Aug 2020 17:07

Tgt Ion: 95 Resp: 149552
Ion Ratio Lower Upper
95 100
174 93.7 0.0 183.4
176 89.3 0.0 173.8

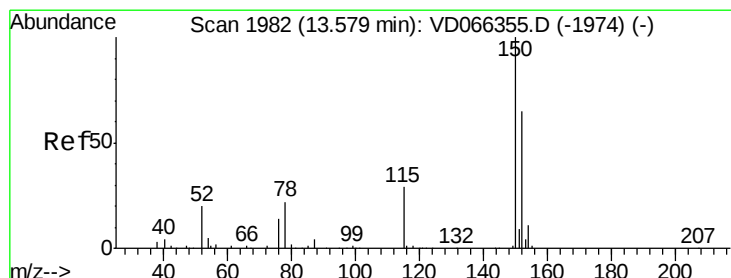
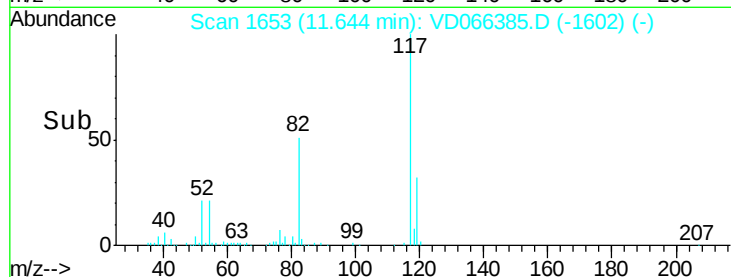
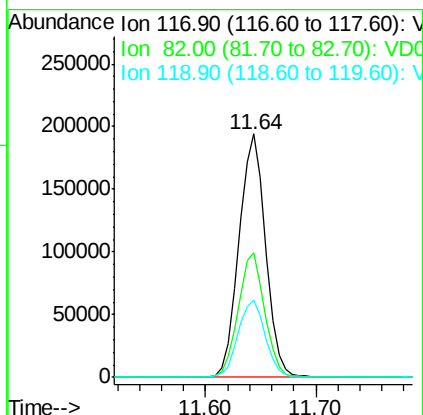
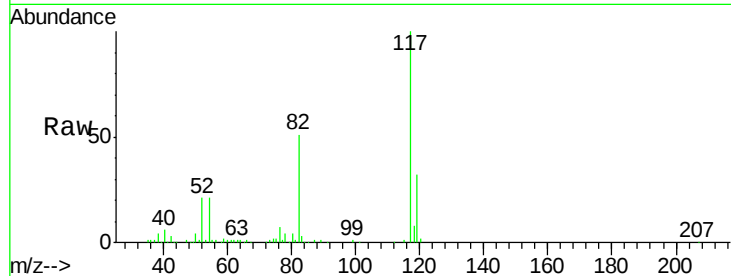




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066385.D
Acq: 24 Aug 2020 17:07

Instrument :
MSVOA_D
ClientSampleId :
JC-03-082120-B

Tot Ion:117 Resp: 329541
Ion Ratio Lower Upper
117 100
82 51.2 42.8 64.2
119 31.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066385.D
Acq: 24 Aug 2020 17:07

Tgt Ion:152 Resp: 172388
Ion Ratio Lower Upper
152 100
115 58.1 28.3 85.0
150 154.2 0.0 343.2

