

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066386.D
 Acq On : 24 Aug 2020 17:34
 Operator : VA/SY
 Sample : L3780-17
 Misc : 7.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Aug 25 04:53:11 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

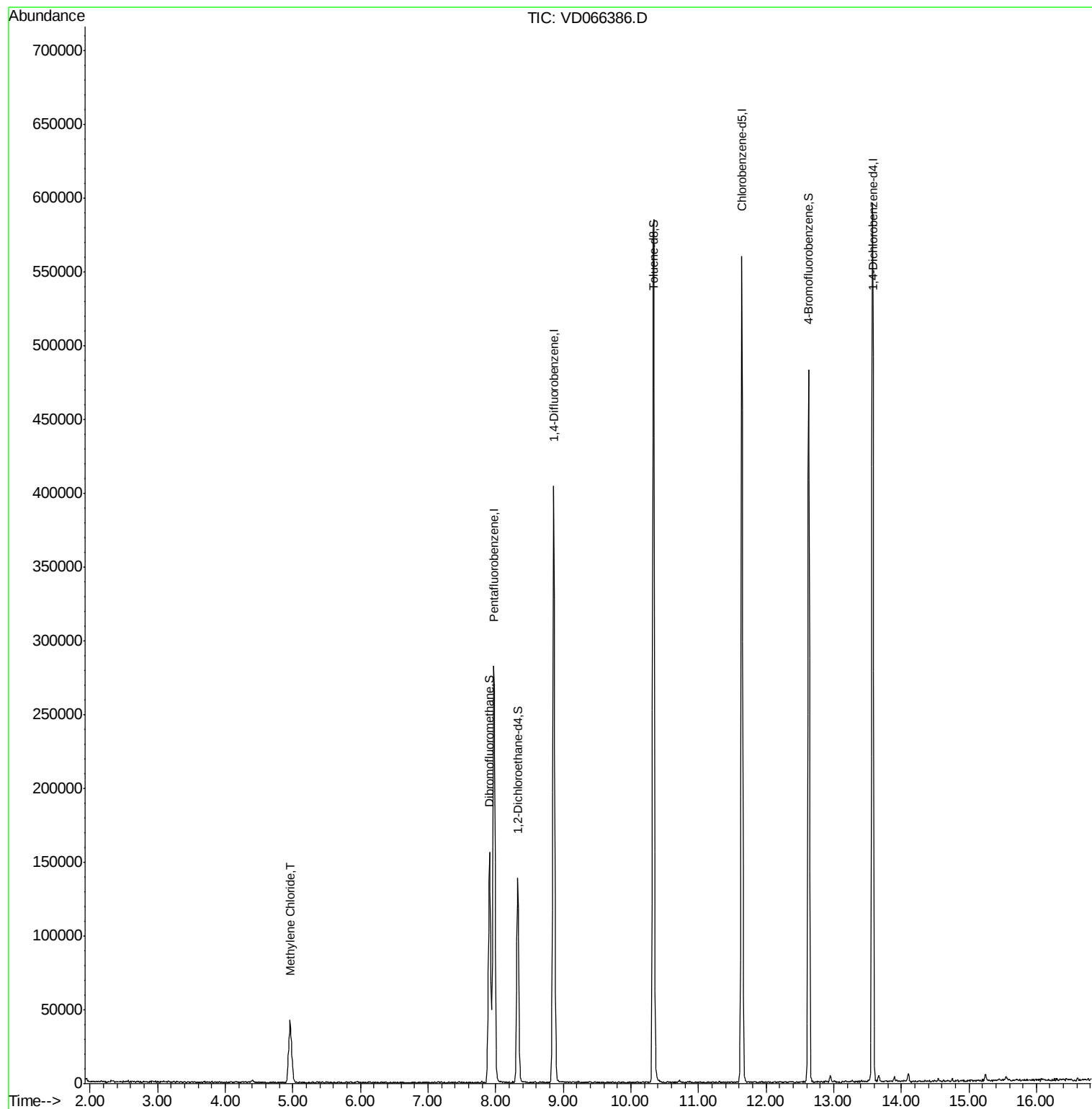
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	215563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	338151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	313692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	169507	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	116664	55.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.40%	
35) Dibromofluoromethane	7.91	113	104532	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	10.34	98	401830	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.63	95	146377	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
Target Compounds						
20) Methylene Chloride	4.96	84	32206	10.861	ug/l #	82

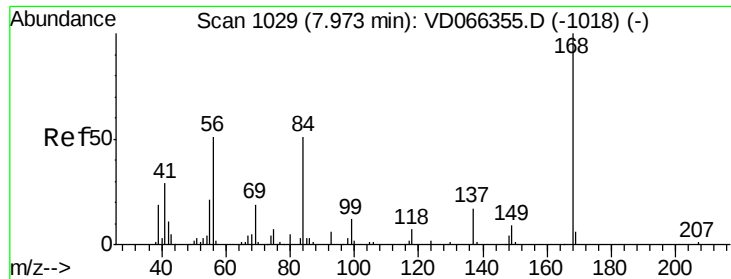
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
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: VD066386.D

Acq: 24 Aug 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

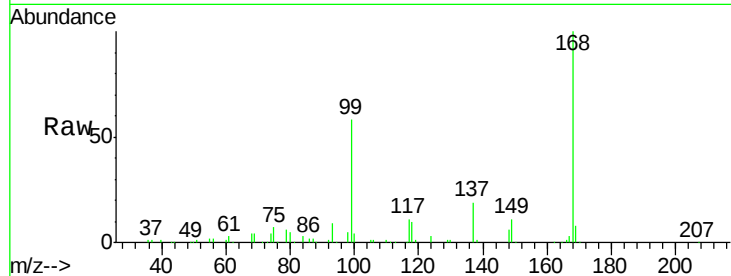
JC-03-082120-C

Tot Ion:168 Resp: 215563

Ion Ratio Lower Upper

168 100

99 57.7 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

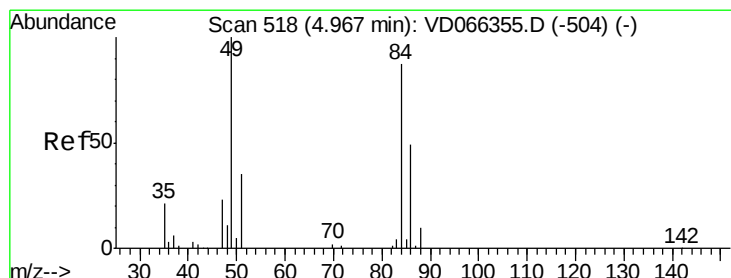
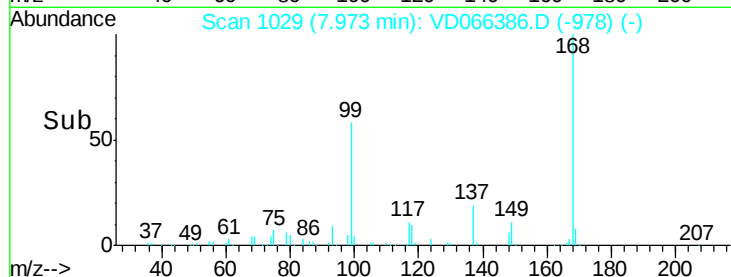
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 10.861 ug/l

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD066386.D

Acq: 24 Aug 2020 17:34

Tgt Ion: 84 Resp: 32206

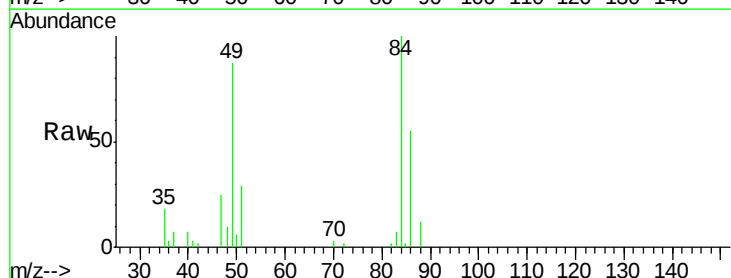
Ion Ratio Lower Upper

84 100

49 87.1 92.5 138.7#

51 29.4 32.5 48.7#

86 54.6 45.0 67.6



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

4.96

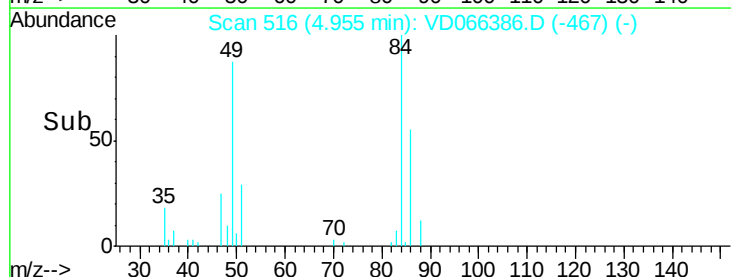
15000

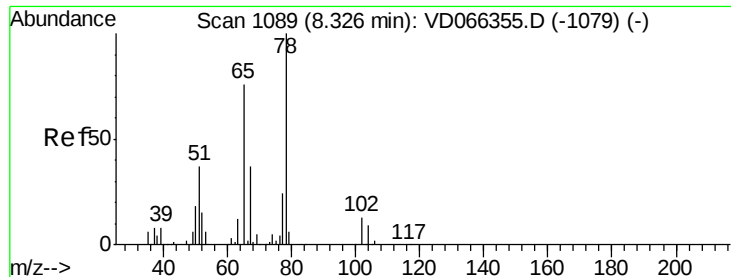
10000

5000

0

Time-->

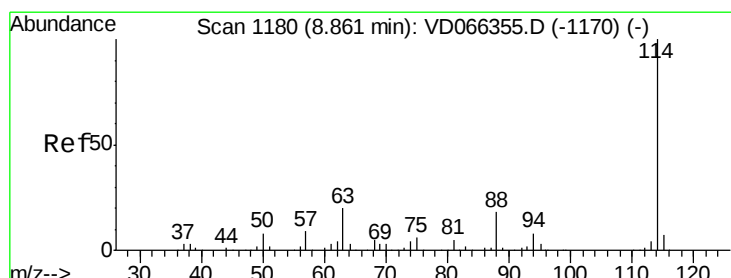
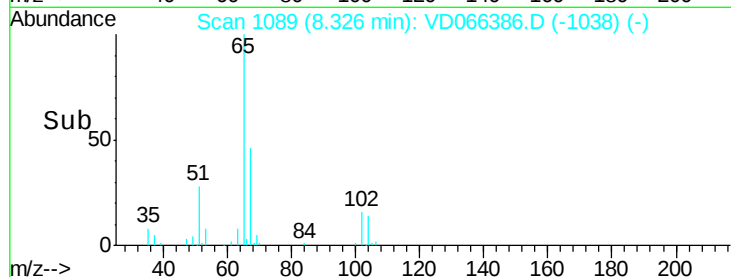
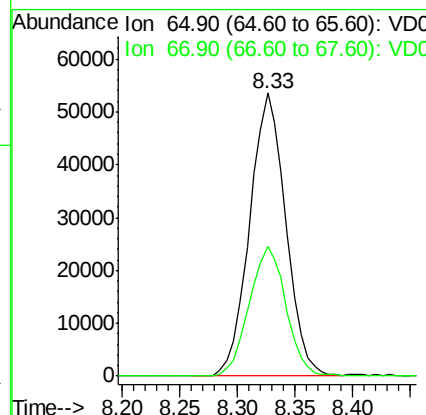
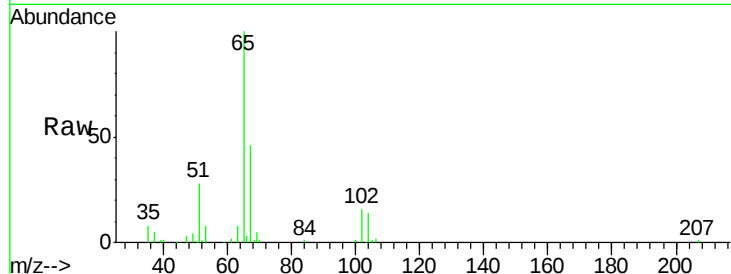




#33
 1,2-Dichloroethane-d4
 Concen: 55.203 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066386.D
 Acq: 24 Aug 2020 17:34

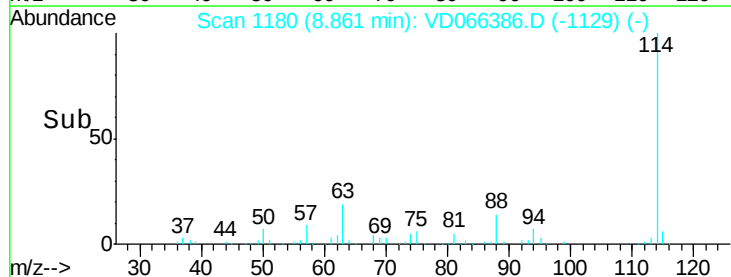
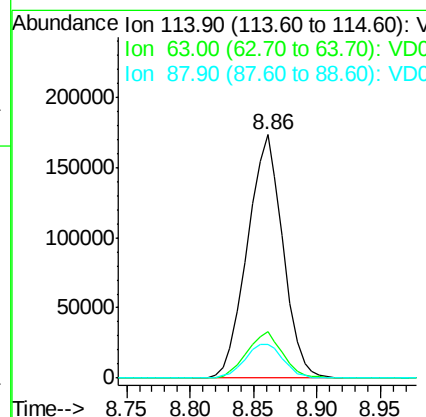
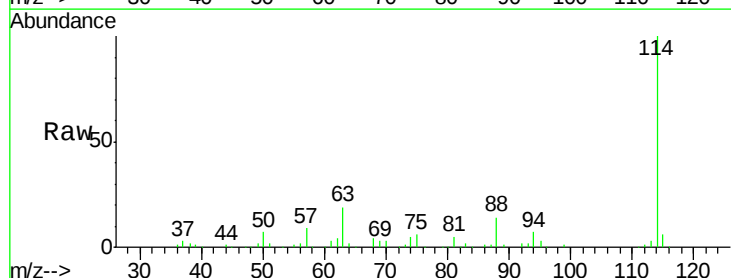
Instrument :
 MSVOA_D
 ClientSampleId :
 JC-03-082120-C

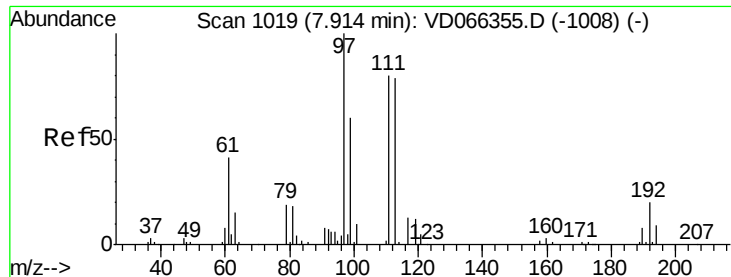
Tot Ion: 65 Resp: 116664
 Ion Ratio Lower Upper
 65 100
 67 46.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066386.D
 Acq: 24 Aug 2020 17:34

Tgt Ion: 114 Resp: 338151
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.8
 88 13.7 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.436 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066386.D

Acq: 24 Aug 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

JC-03-082120-C

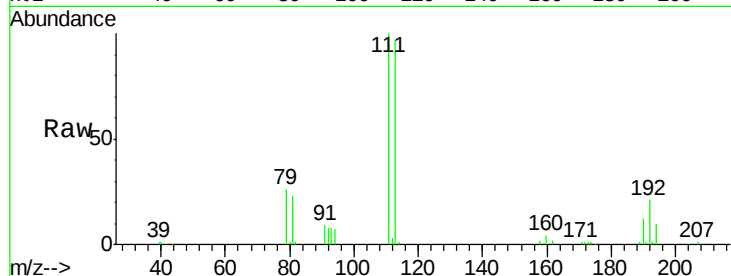
Tot Ion:113 Resp: 104532

Ion Ratio Lower Upper

113 100

111 103.7 80.3 120.5

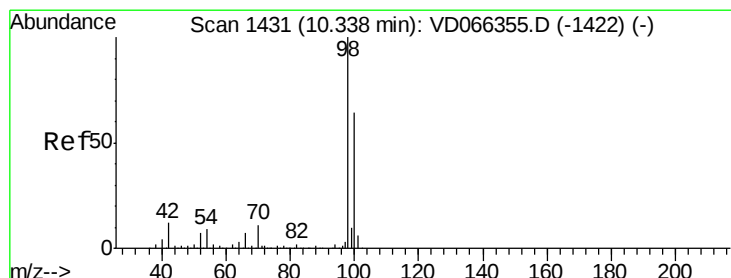
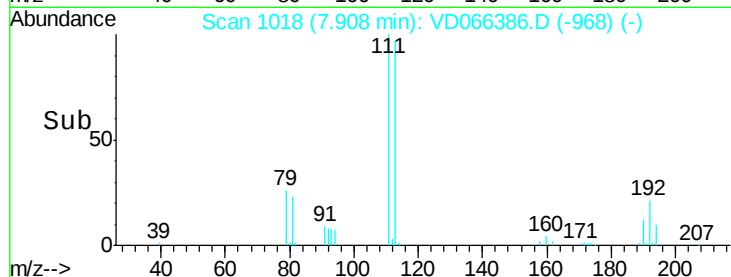
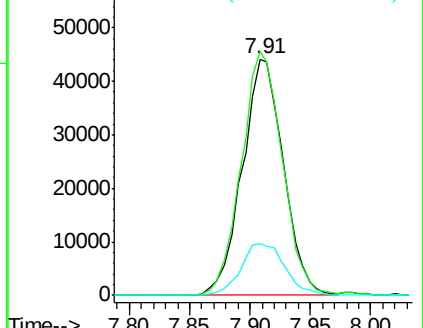
192 23.4 19.0 28.6



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: 51.939 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066386.D

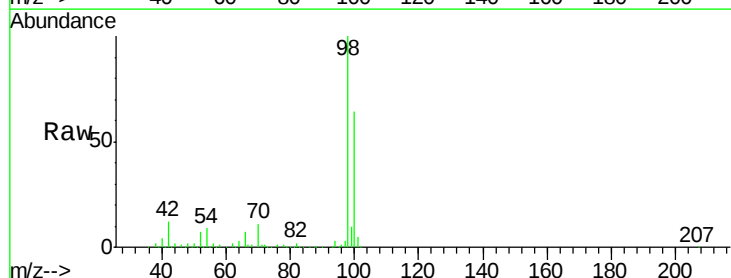
Acq: 24 Aug 2020 17:34

Tgt Ion: 98 Resp: 401830

Ion Ratio Lower Upper

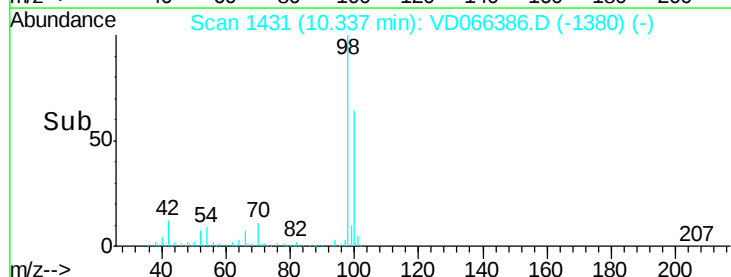
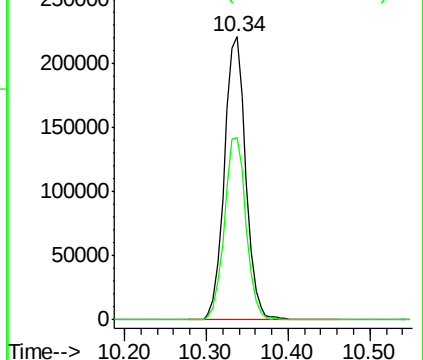
98 100

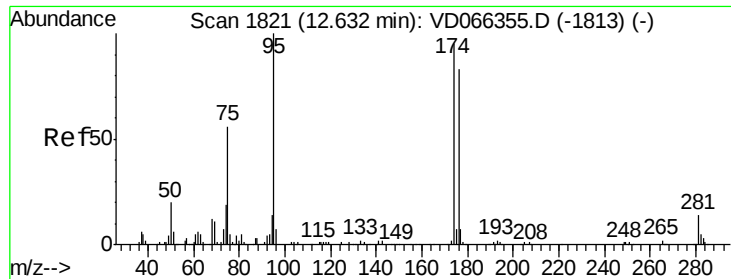
100 65.2 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

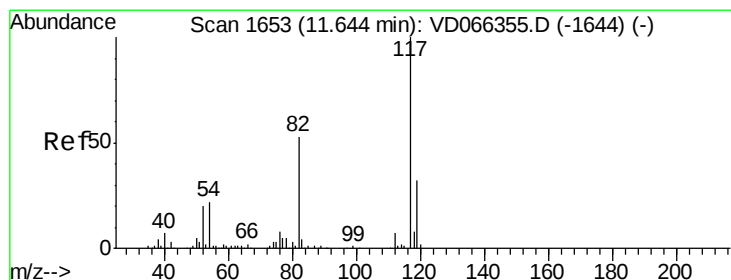
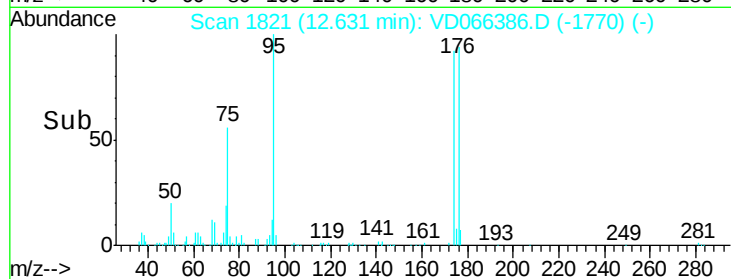
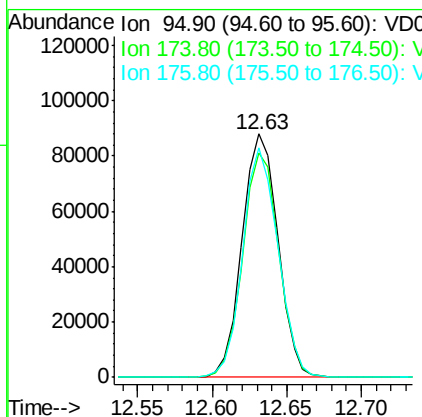
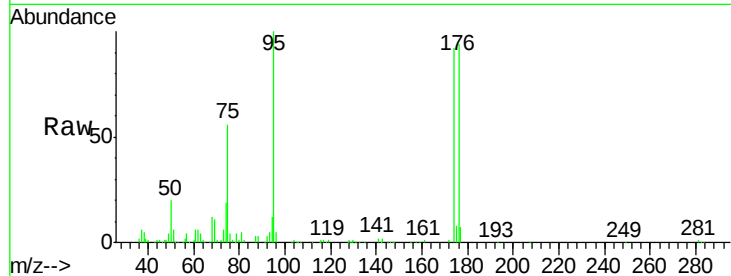




#62
4-Bromofluorobenzene
Concen: 53.319 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066386.D
Acq: 24 Aug 2020 17:34

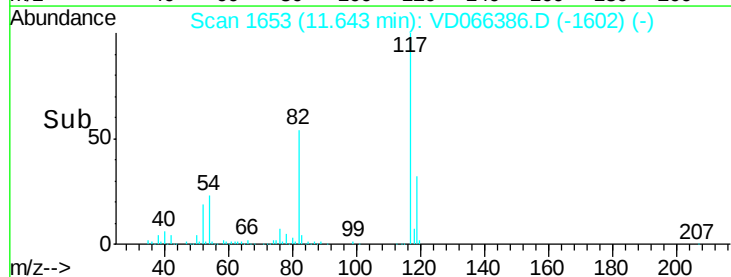
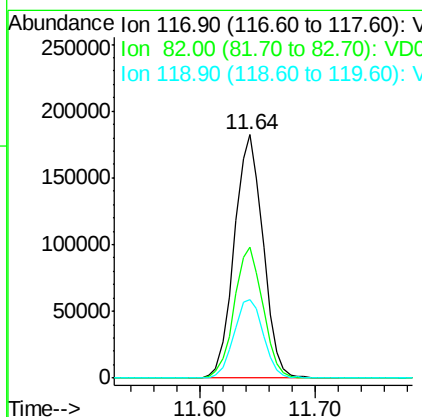
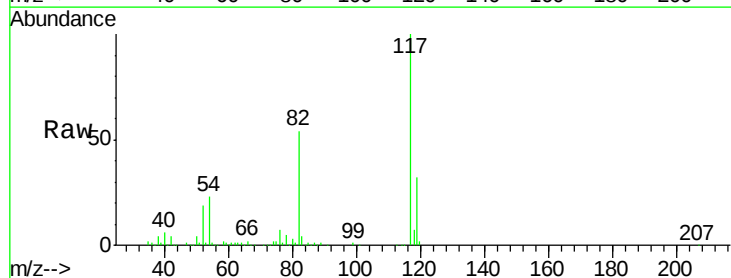
Instrument :
MSVOA_D
ClientSampleId :
JC-03-082120-C

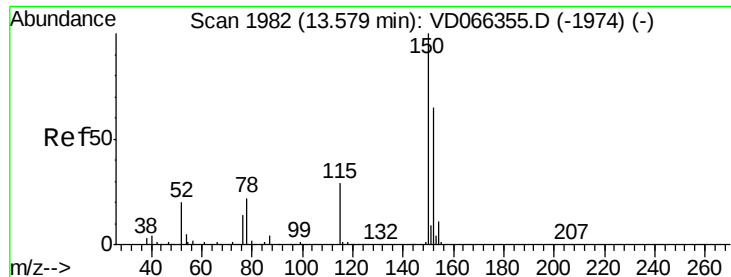
Tot Ion	95	Resp	146377
Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	183.4
176	92.8	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066386.D
Acq: 24 Aug 2020 17:34

Tgt Ion	117	Resp	313692
Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.8	64.2
119	32.3	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: VD066386.D

Acq: 24 Aug 2020 17:34

Instrument :

MSVOA_D

ClientSampleId :

JC-03-082120-C

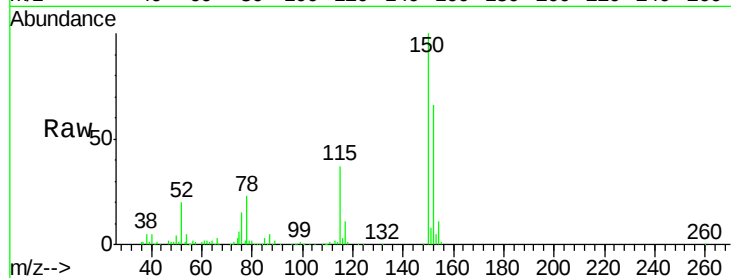
Tot Ion:152 Resp: 169507

Ion Ratio Lower Upper

152 100

115 58.4 28.3 85.0

150 154.9 0.0 343.2



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

