

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091820\
 Data File : VD066761.D
 Acq On : 18 Sep 2020 12:56
 Operator : VA/SY
 Sample : L3870-06
 Misc : 5.21G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-091720

Quant Time: Sep 19 03:47:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

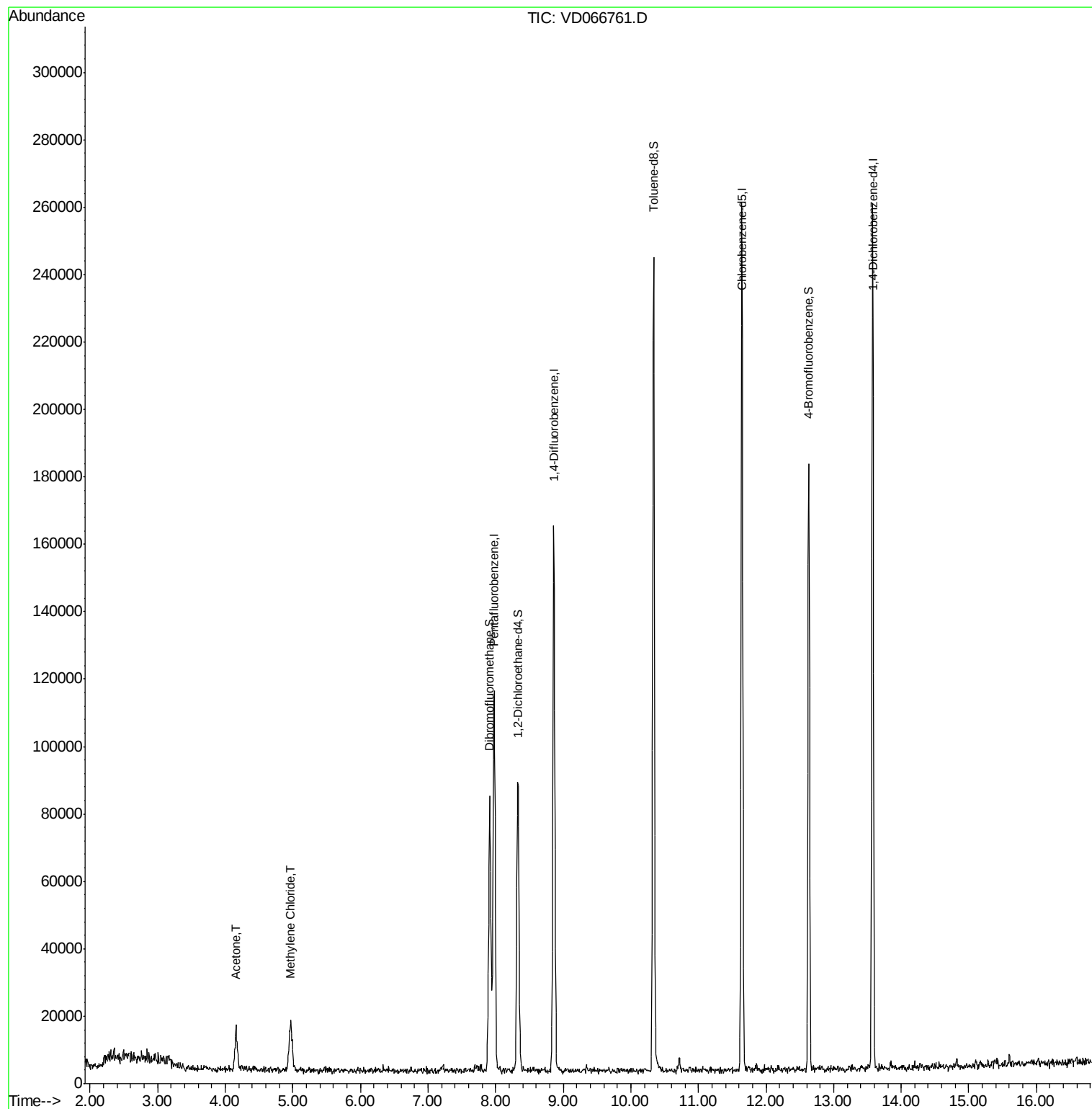
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	76712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	128793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	145006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	62296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	74071	90.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	181.00%	
35) Dibromofluoromethane	7.91	113	58246	73.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	147.52%	
50) Toluene-d8	10.34	98	158887	56.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.96%	
62) 4-Bromofluorobenzene	12.63	95	57217	58.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.84%	
Target Compounds						
16) Acetone	4.16	43	20321	121.922	ug/l #	79
20) Methylene Chloride	4.96	84	11375	6.255	ug/l #	79

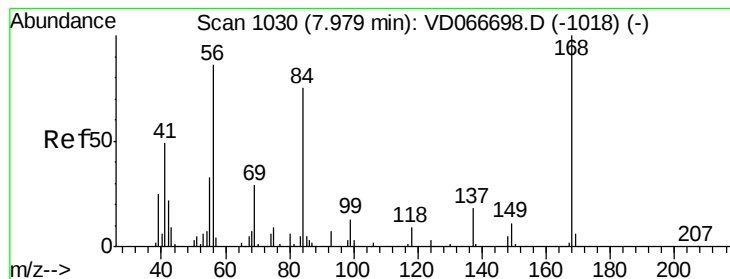
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066761.D

Acq: 18 Sep 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

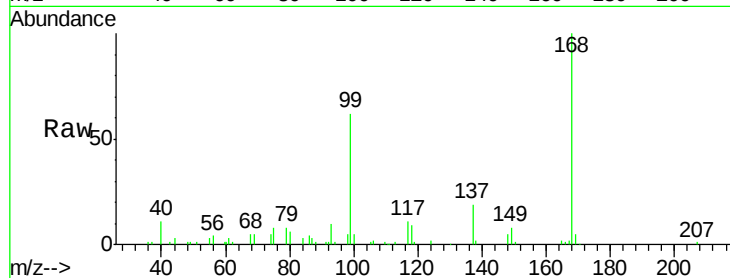
SU-02-091720

Tot Ion:168 Resp: 76712

Ion Ratio Lower Upper

168 100

99 62.3 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

40000

30000

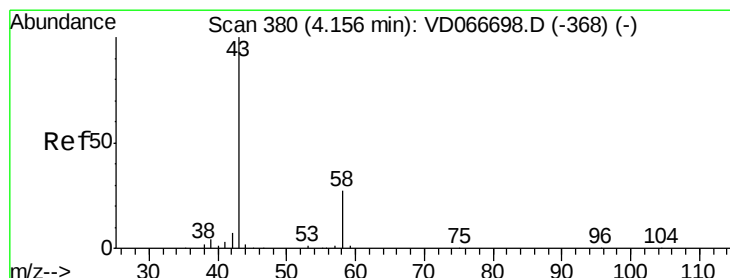
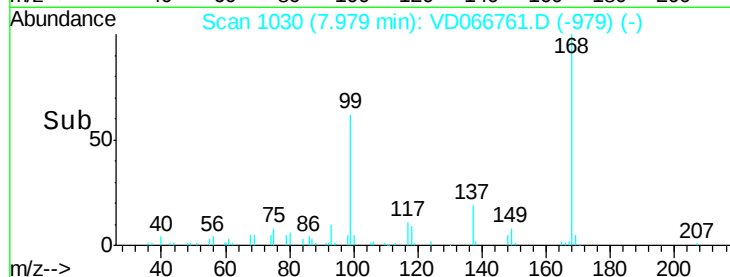
20000

10000

0

Time-->

7.90 7.95 8.00 8.05



#16

Acetone

Concen: 121.922 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066761.D

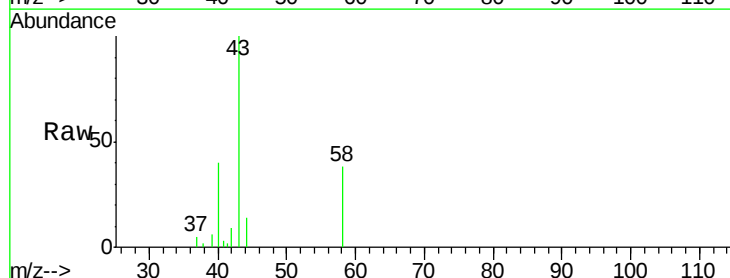
Acq: 18 Sep 2020 12:56

Tgt Ion: 43 Resp: 20321

Ion Ratio Lower Upper

43 100

58 38.1 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

8000

6000

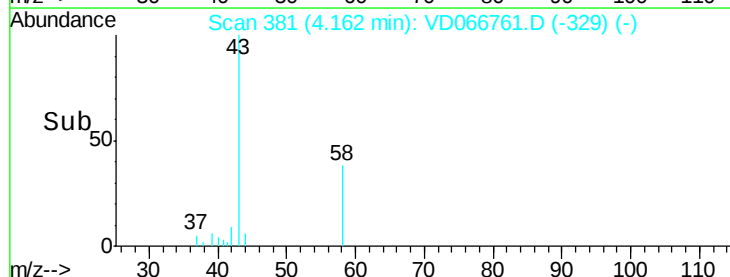
4000

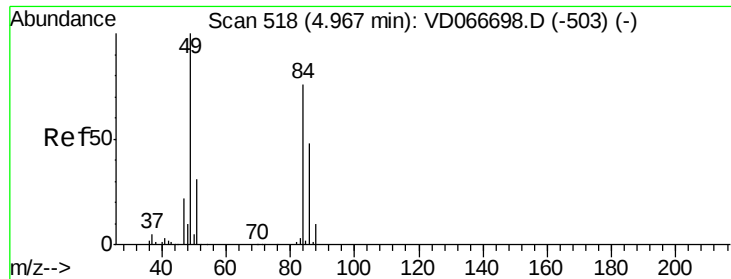
2000

0

Time-->

4.05 4.10 4.15 4.20 4.25

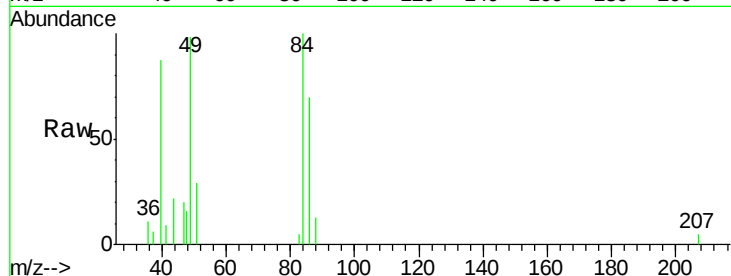




#20
Methylene Chloride
Concen: 6.255 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066761.D
Acq: 18 Sep 2020 12:56

Instrument :
MSVOA_D
ClientSampleId :
SU-02-091720

Tot Ion:	84	Resp:	11375
Ion	Ratio	Lower	Upper
84	100		
49	98.1	105.0	157.6#
51	28.8	32.2	48.4#
86	69.9	50.4	75.6



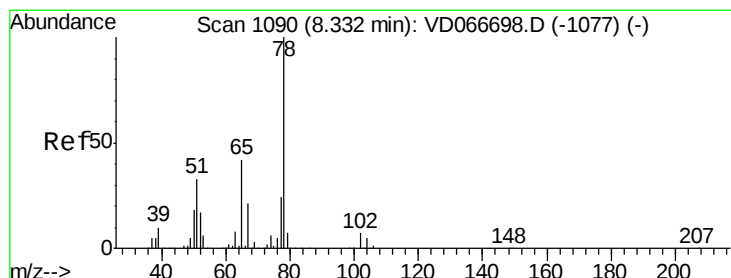
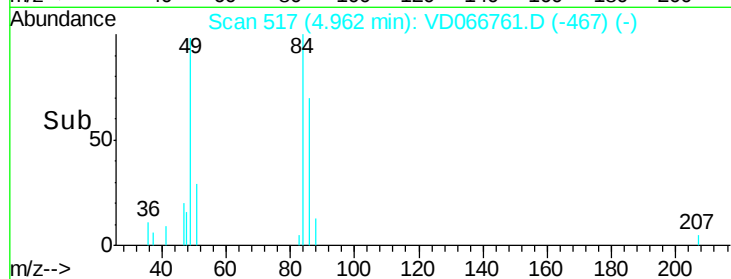
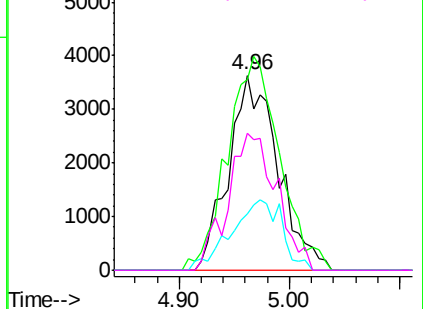
Abundance

Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

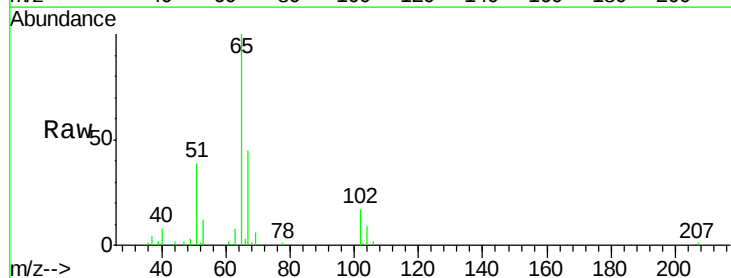
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33
1,2-Dichloroethane-d4
Concen: 90.499 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066761.D
Acq: 18 Sep 2020 12:56

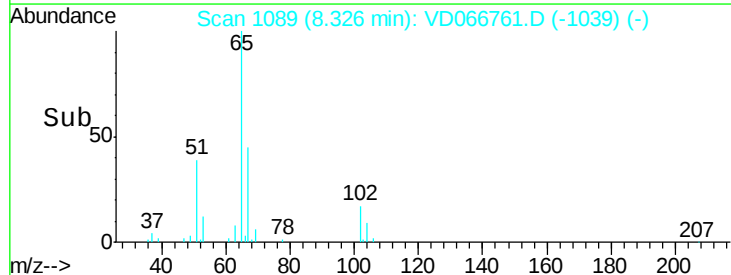
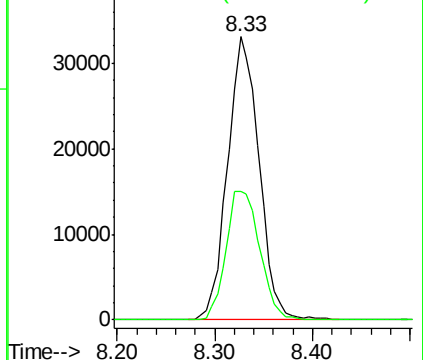
Tgt Ion:	65	Resp:	74071
Ion	Ratio	Lower	Upper
65	100		
67	48.9	0.0	102.2

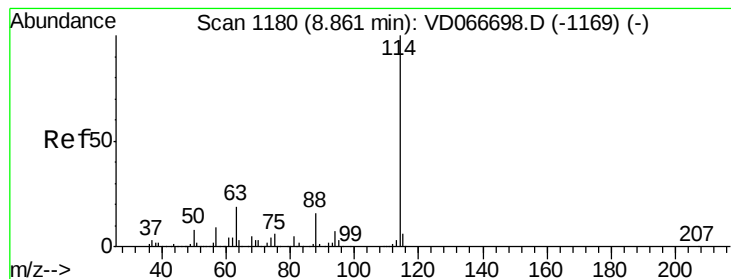


Abundance

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: VD066761.D

Acq: 18 Sep 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

SU-02-091720

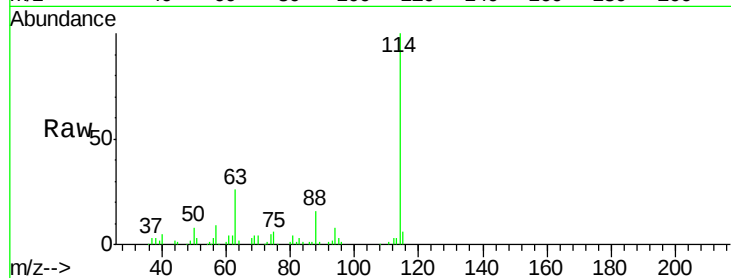
Tot Ion:114 Resp: 128793

Ion Ratio Lower Upper

114 100

63 25.8 0.0 37.6

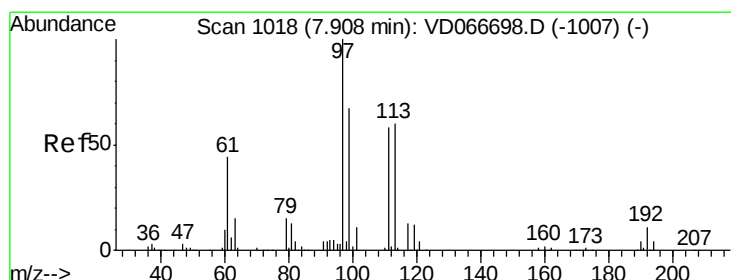
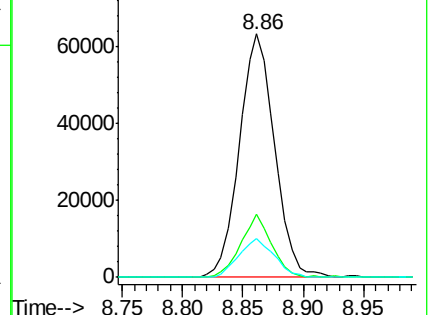
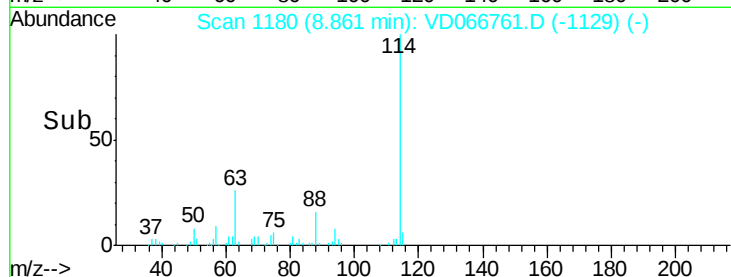
88 16.1 0.0 32.2



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: 73.764 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066761.D

Acq: 18 Sep 2020 12:56

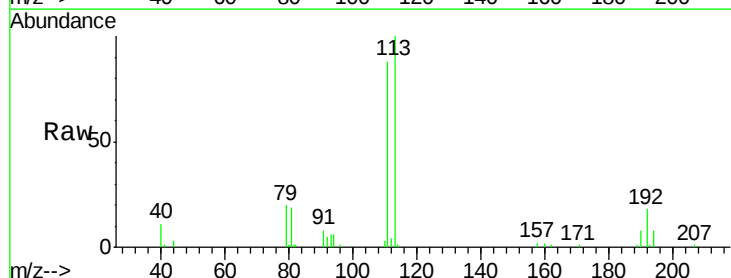
Tgt Ion:113 Resp: 58246

Ion Ratio Lower Upper

113 100

111 99.1 83.2 124.8

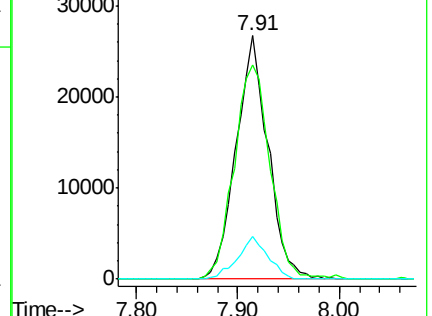
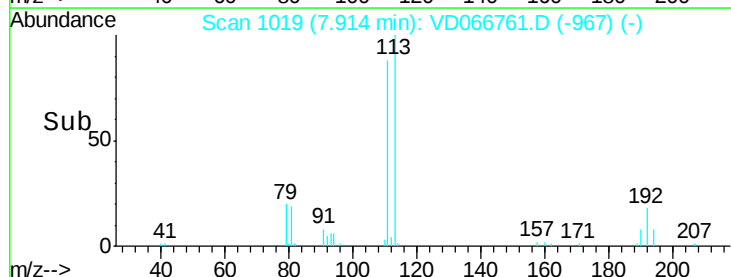
192 16.6 14.8 22.2

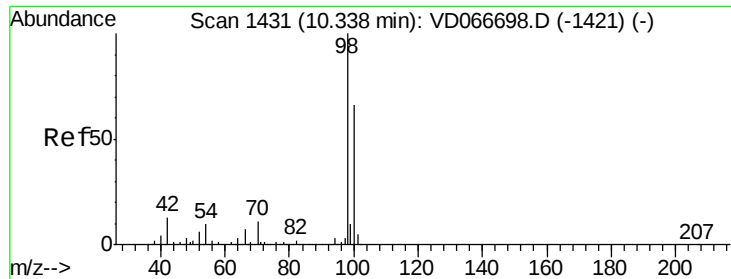


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.478 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066761.D

Acq: 18 Sep 2020 12:56

Instrument :

MSVOA_D

ClientSampleId :

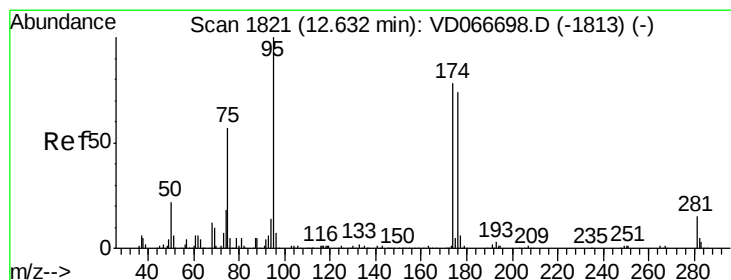
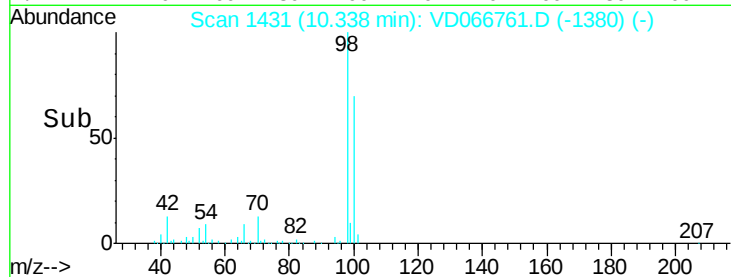
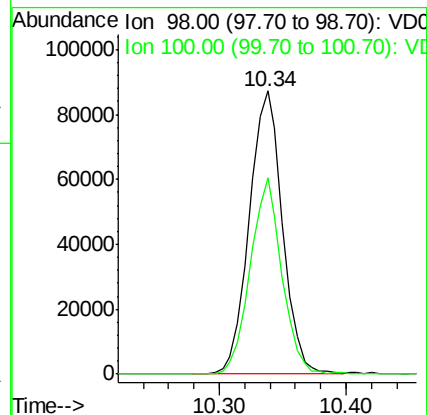
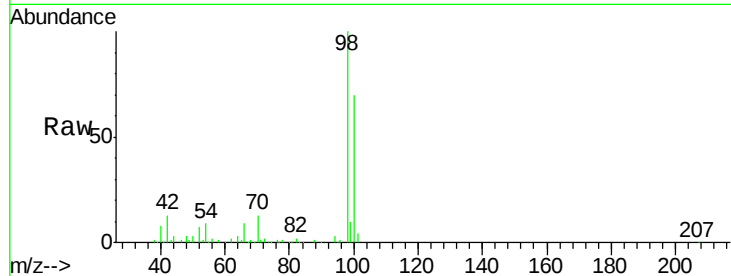
SU-02-091720

Tot Ion: 98 Resp: 158887

Ion Ratio Lower Upper

98 100

100 66.2 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 58.920 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066761.D

Acq: 18 Sep 2020 12:56

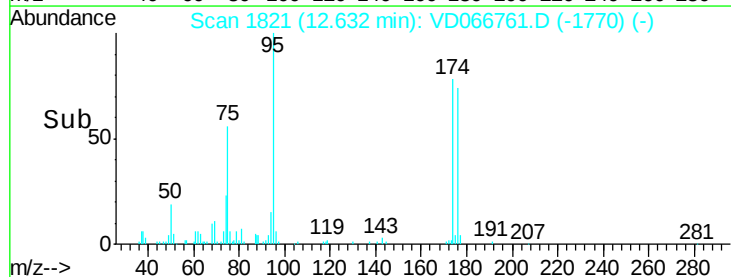
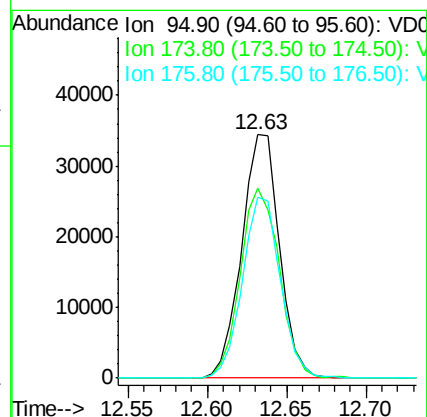
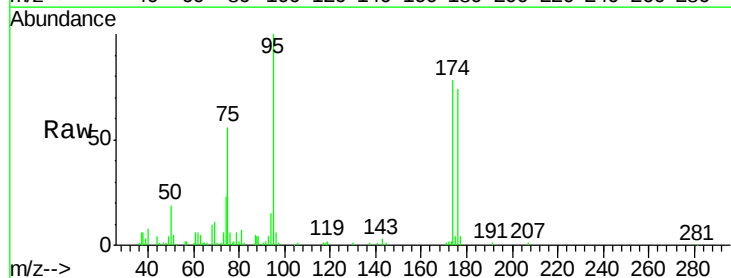
Tgt Ion: 95 Resp: 57217

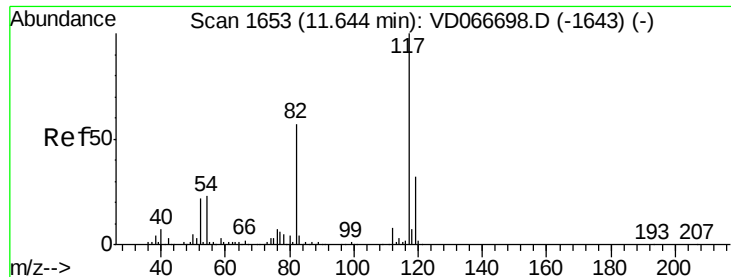
Ion Ratio Lower Upper

95 100

174 80.1 0.0 156.6

176 74.4 0.0 150.2

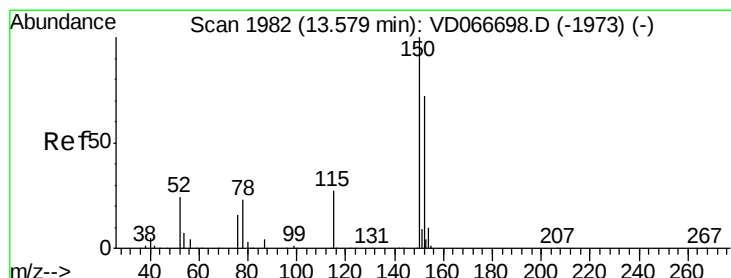
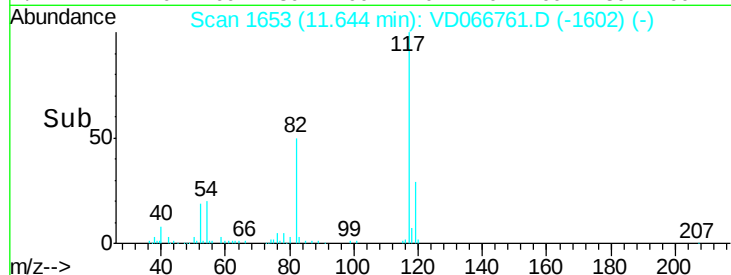
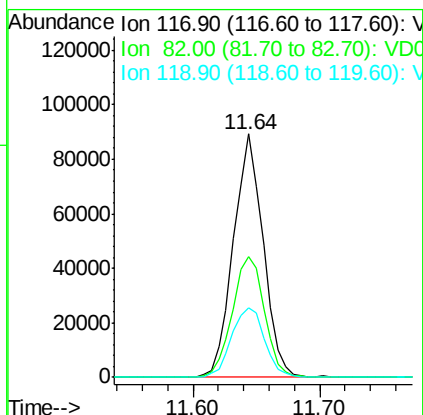
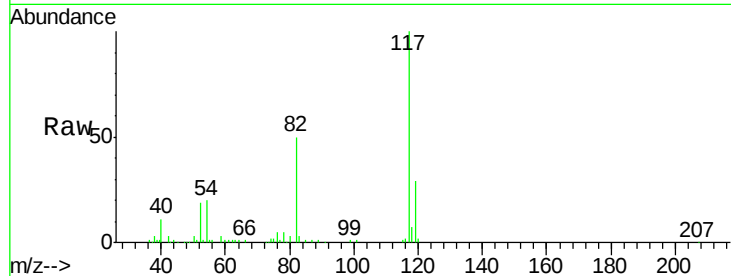




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066761.D
Acq: 18 Sep 2020 12:56

Instrument :
MSVOA_D
ClientSampleId :
SU-02-091720

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.5	45.4	68.0
119	28.7	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066761.D
Acq: 18 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.3	30.5	91.5
150	158.7	0.0	344.6

