

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066391.D
 Acq On : 24 Aug 2020 19:54
 Operator : VA/SY
 Sample : L3786-07
 Misc : 5.67G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1994

Quant Time: Aug 25 05:09:48 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

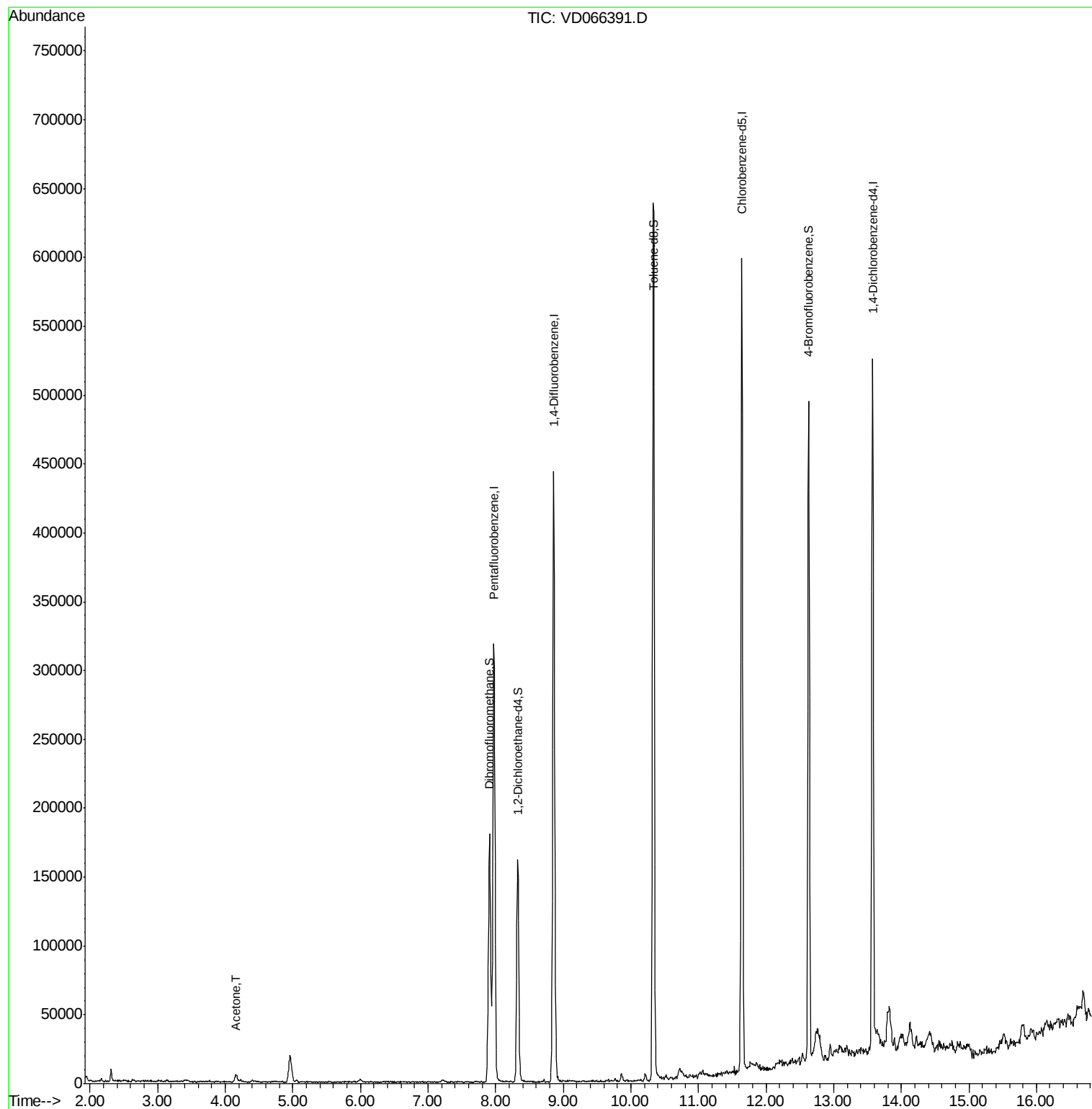
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	240646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	384975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	342594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	136905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	135423	57.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.80%	
35) Dibromofluoromethane	7.91	113	122758	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
50) Toluene-d8	10.33	98	442863	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.63	95	146348	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
Target Compounds						
16) Acetone	4.16	43	9080	21.348	ug/l	Qvalue 91

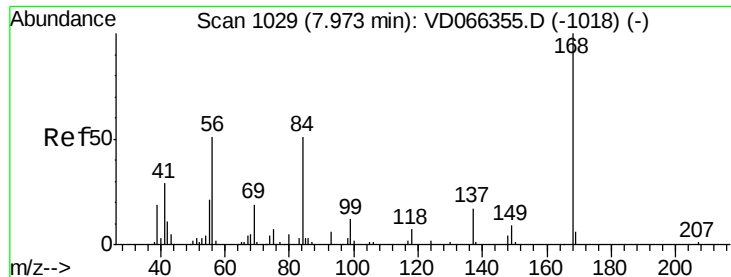
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD066391.D

Acq: 24 Aug 2020 19:54

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MSVOA_D

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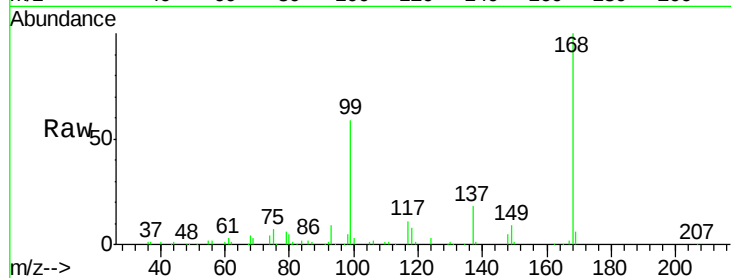
1994

Tot Ion:168 Resp: 240646

Ion Ratio Lower Upper

168 100

99 58.8 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

120000

100000

80000

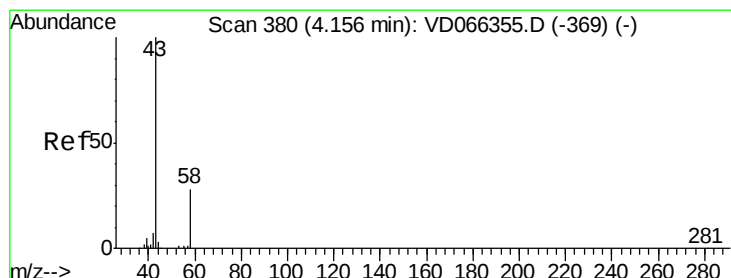
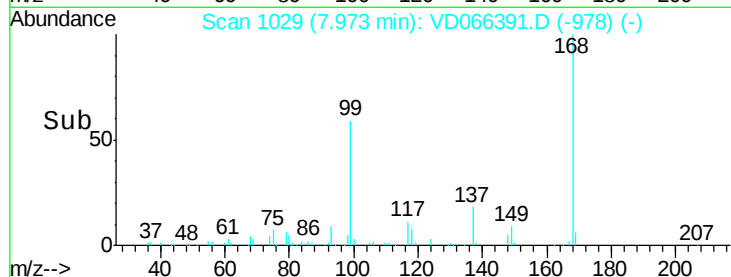
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 21.348 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066391.D

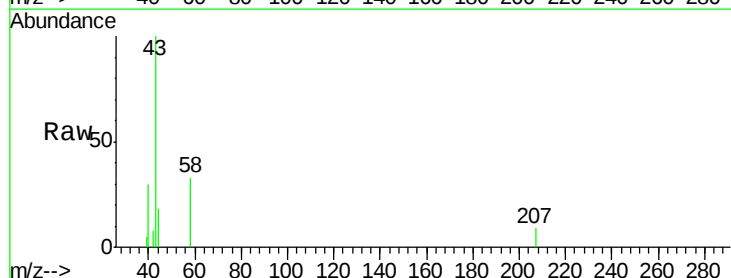
Acq: 24 Aug 2020 19:54

Tgt Ion: 43 Resp: 9080

Ion Ratio Lower Upper

43 100

58 33.2 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

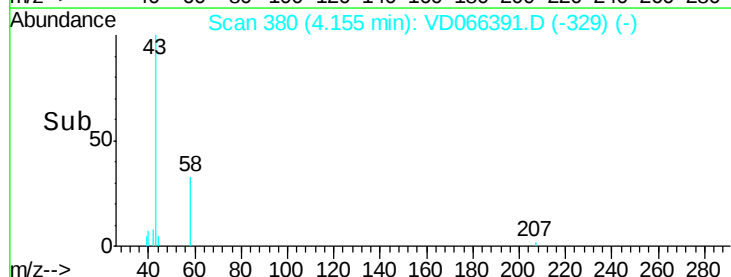
3000

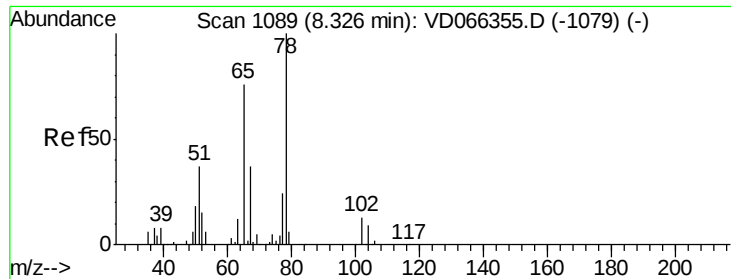
2000

1000

0

Time-->

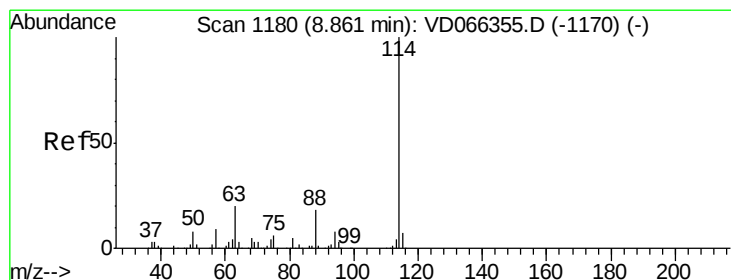
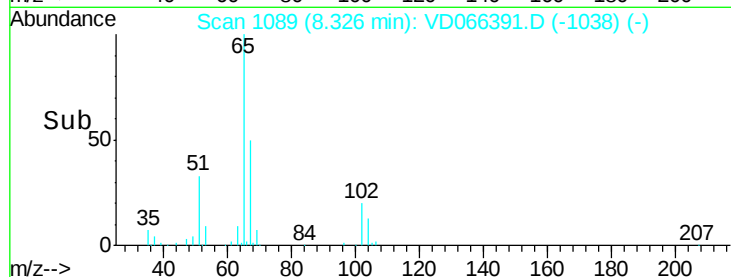
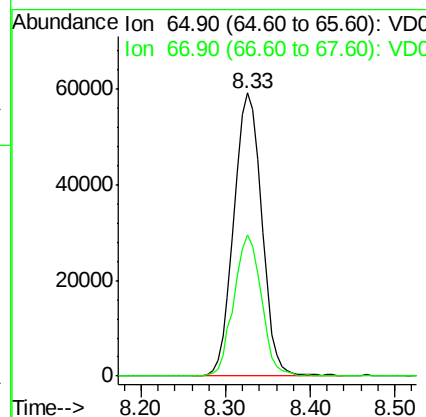
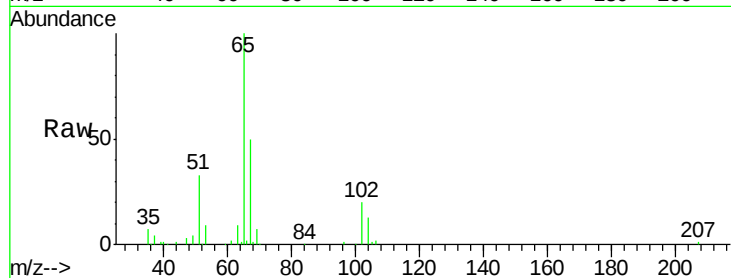




#33
 1,2-Dichloroethane-d4
 Concen: 57.400 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066391.D
 Acq: 24 Aug 2020 19:54

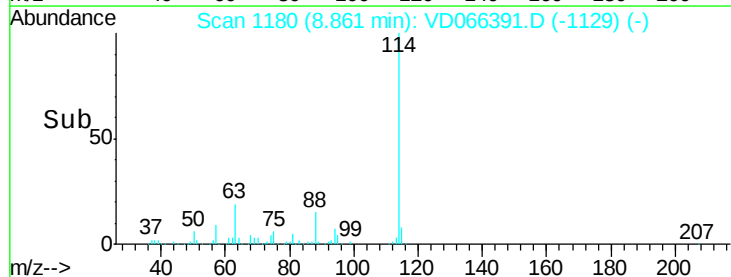
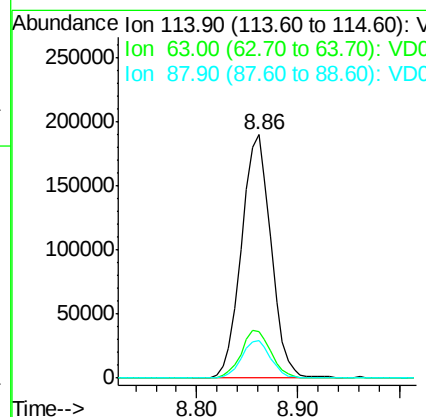
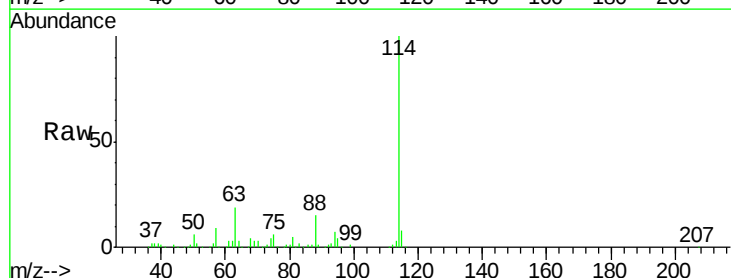
Instrument :
 MSVOA_D
 ClientSampleId :
 1994

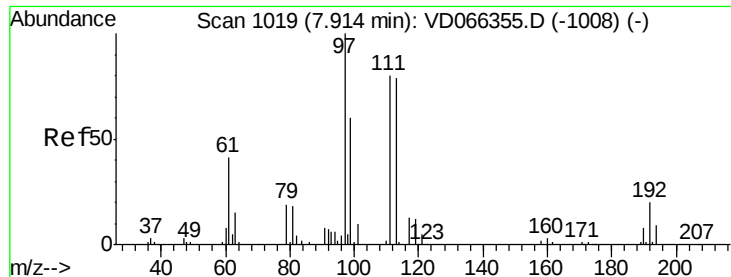
Tot Ion: 65 Resp: 135423
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066391.D
 Acq: 24 Aug 2020 19:54

Tgt Ion: 114 Resp: 384975
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.8
 88 15.5 0.0 35.4

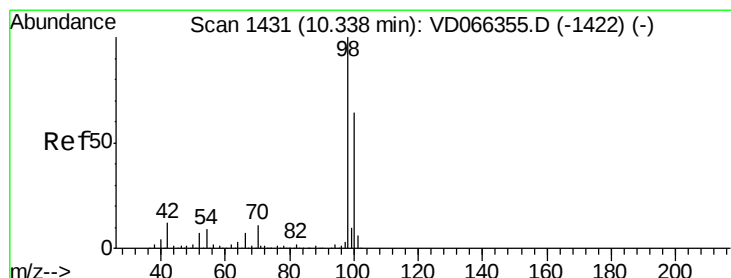
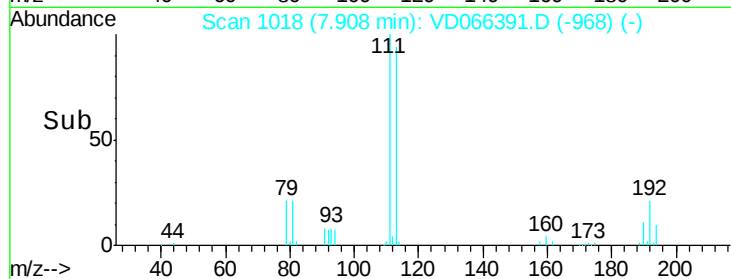
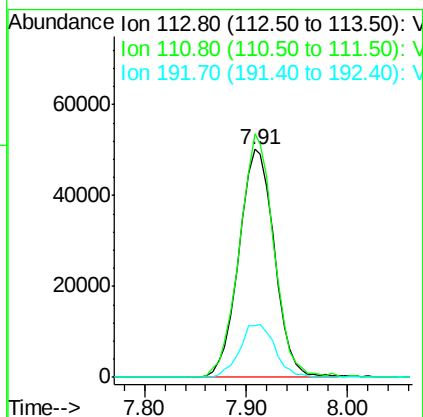
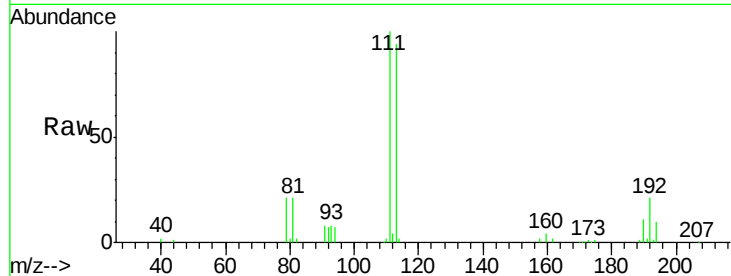




#35
Dibromofluoromethane
Concen: 50.994 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VD066391.D
Acq: 24 Aug 2020 19:54

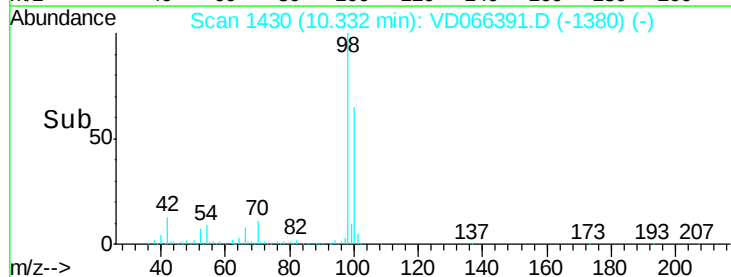
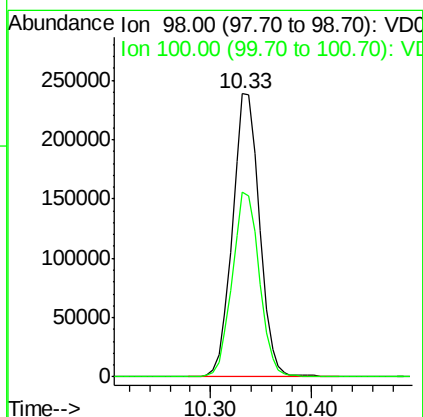
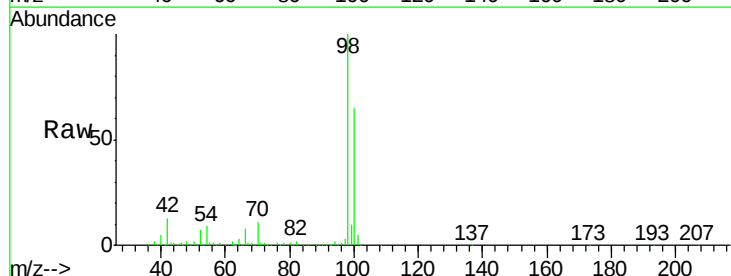
Instrument :
MSVOA_D
ClientSampleId :
1994

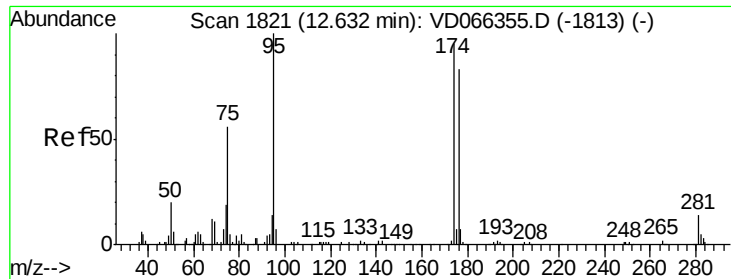
Tot Ion:113 Resp: 122758
Ion Ratio Lower Upper
113 100
111 102.9 80.3 120.5
192 23.0 19.0 28.6



#50
Toluene-d8
Concen: 50.280 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066391.D
Acq: 24 Aug 2020 19:54

Tgt Ion: 98 Resp: 442863
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4

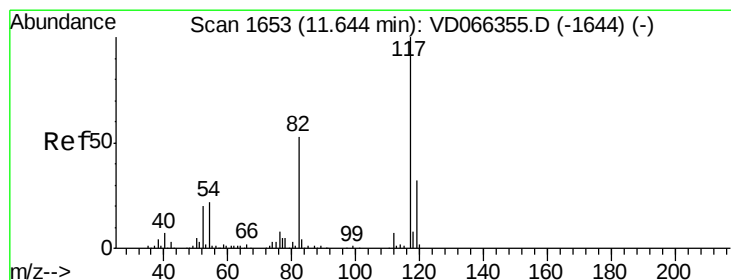
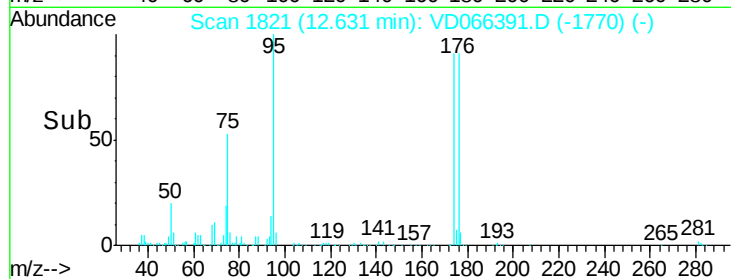
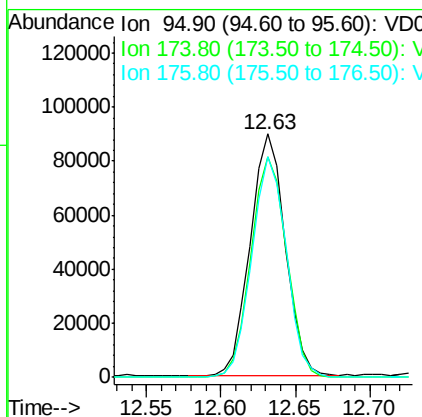
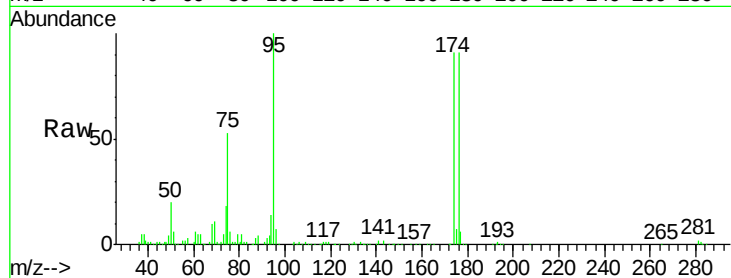




#62
4-Bromofluorobenzene
Concen: 46.825 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066391.D
Acq: 24 Aug 2020 19:54

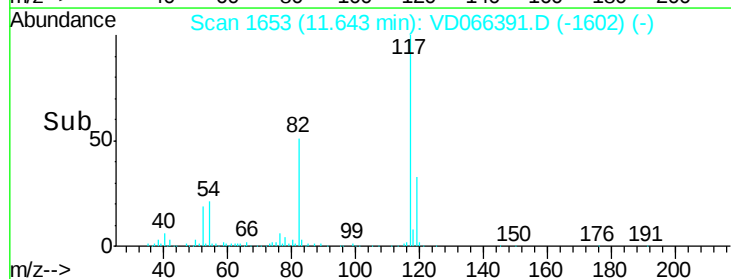
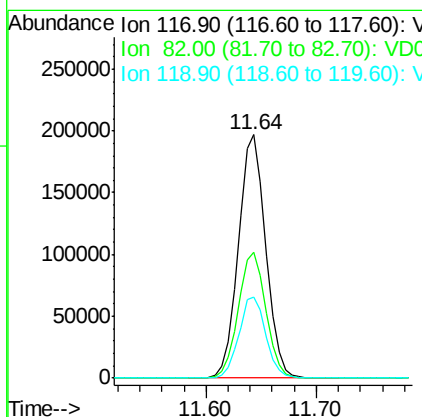
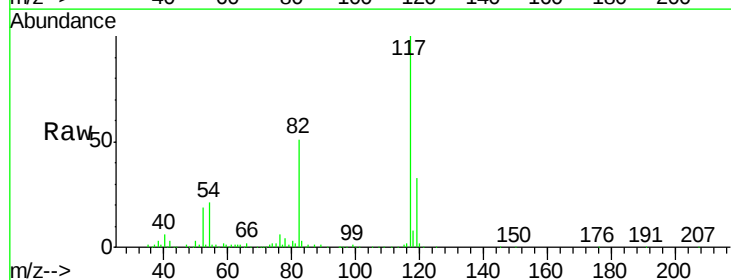
Instrument :
MSVOA_D
ClientSampleId :
1994

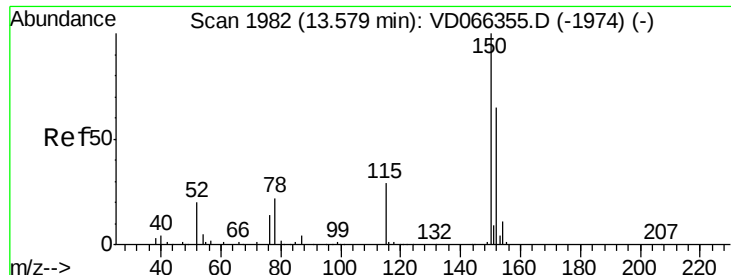
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	183.4
176	88.9	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066391.D
Acq: 24 Aug 2020 19:54

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.8	64.2
119	33.4	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: VD066391.D

Acq: 24 Aug 2020 19:54

Instrument :

MSVOA_D

ClientSampleId :

1994

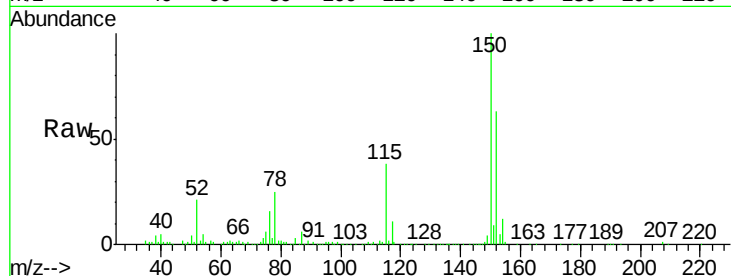
Tot Ion:152 Resp: 136905

Ion Ratio Lower Upper

152 100

115 57.9 28.3 85.0

150 155.9 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

