

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\
 Data File : VD066471.D
 Acq On : 28 Aug 2020 20:26
 Operator : VA/SY
 Sample : L3833-01
 Misc : 7.43G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 12018

Quant Time: Aug 29 02:11:58 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	202269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	287194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	273660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	142950	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	107537	54.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.46%	
35) Dibromofluoromethane	7.91	113	87120	48.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.02%	
50) Toluene-d8	10.33	98	344710	52.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.63	95	122959	52.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.48%	

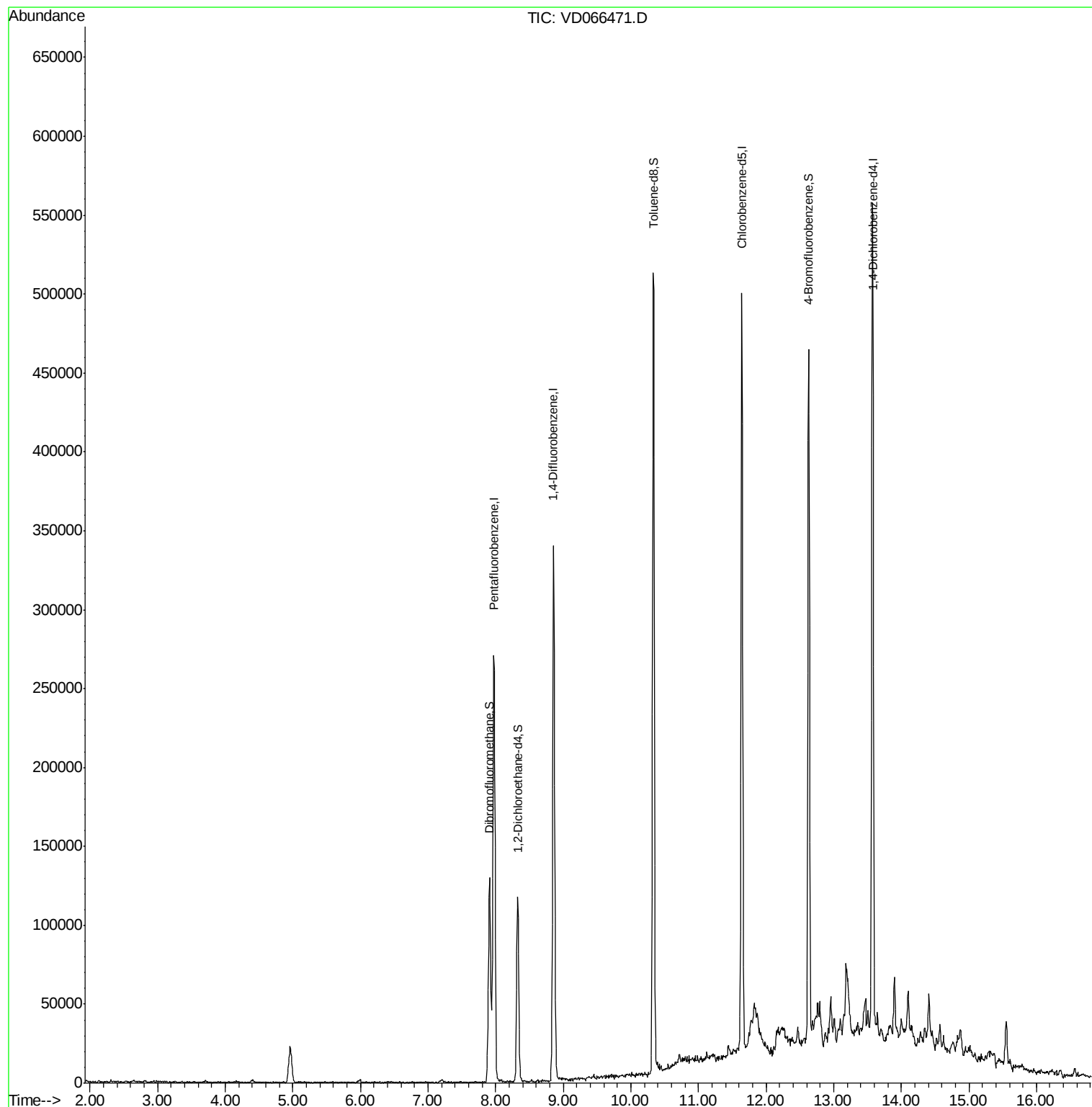
Target Compounds	Qvalue
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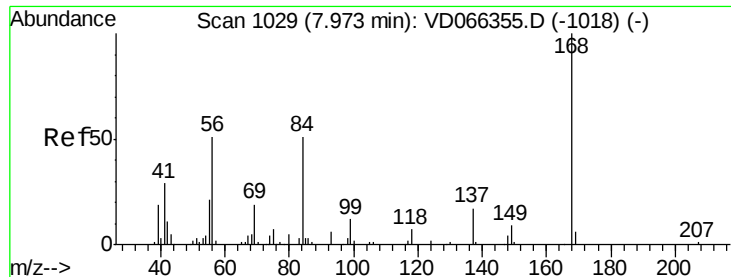
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066471.D

Acq: 28 Aug 2020 20:26

Instrument :

MSVOA_D

ClientSampleId :

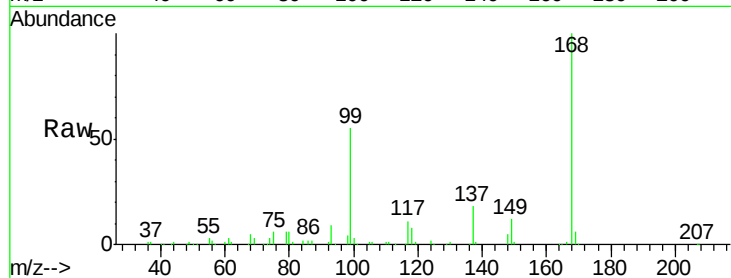
12018

Tot Ion:168 Resp: 202269

Ion Ratio Lower Upper

168 100

99 55.2 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

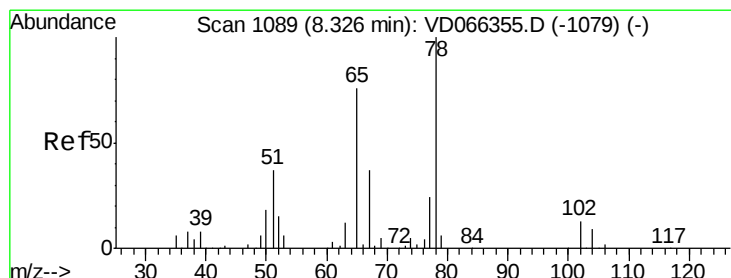
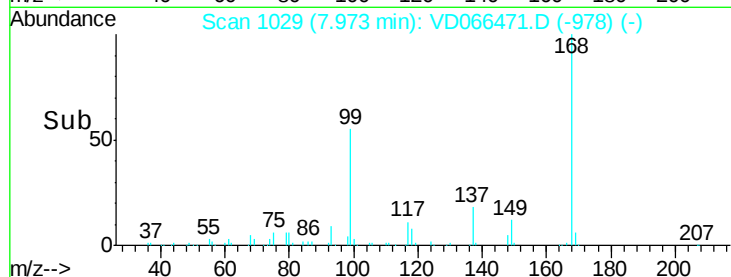
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.228 ug/l

RT: 8.32 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VD066471.D

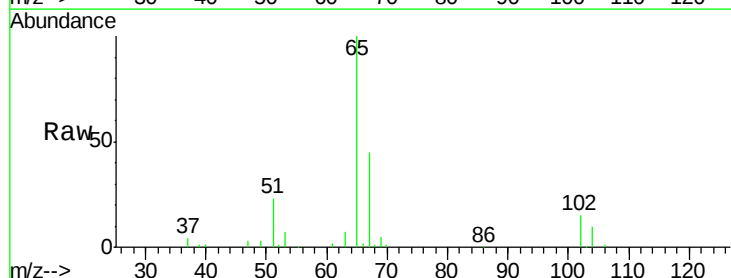
Acq: 28 Aug 2020 20:26

Tgt Ion: 65 Resp: 107537

Ion Ratio Lower Upper

65 100

67 45.9 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.32

50000

40000

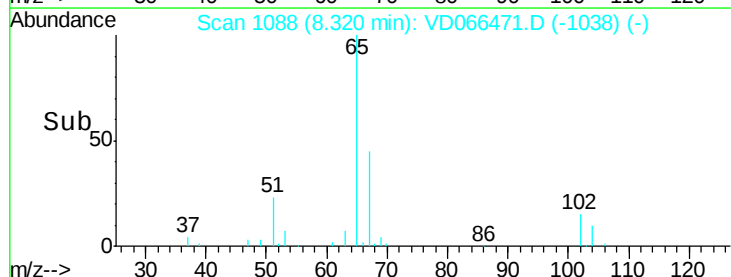
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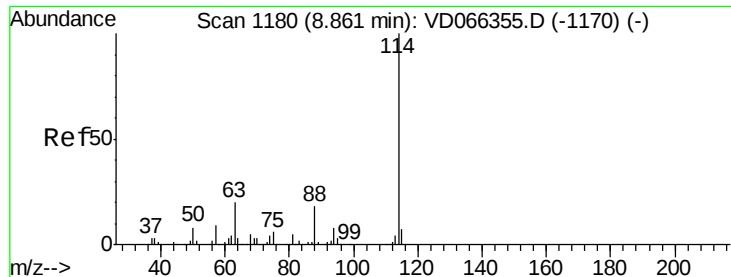
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10000

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Time-->

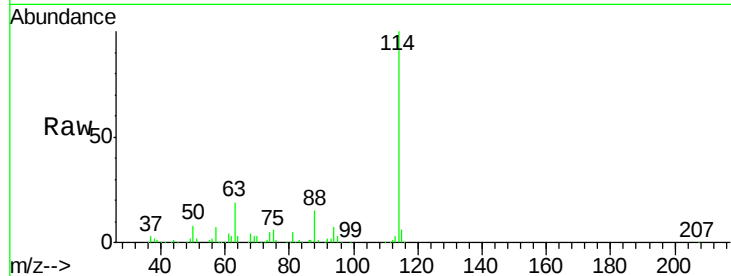




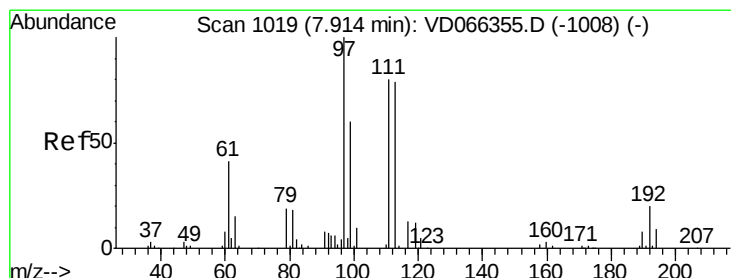
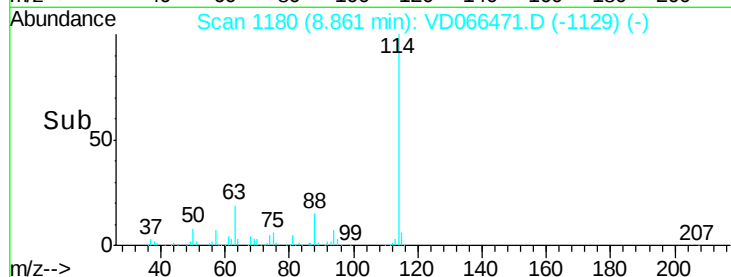
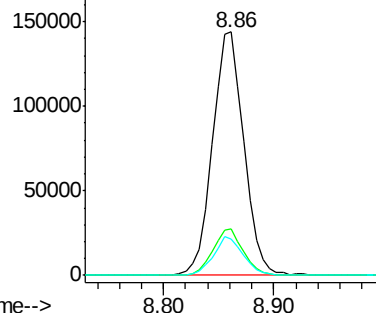
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066471.D
 Acq: 28 Aug 2020 20:26

Instrument :
 MSVOA_D
 ClientSampleId :
 12018

Tot Ion:	114	Resp:	287194
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	40.8
88	14.9	0.0	35.4

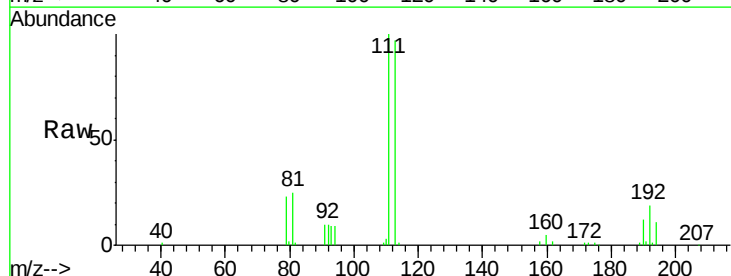


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

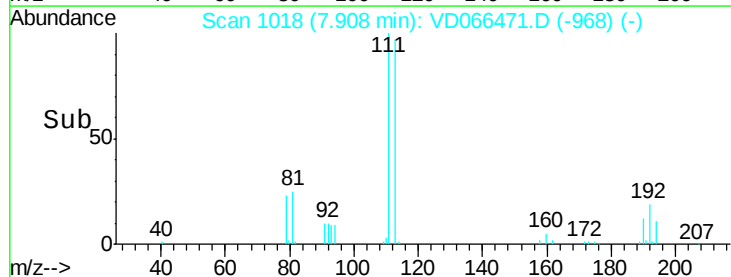
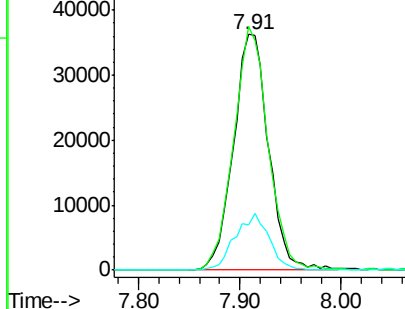


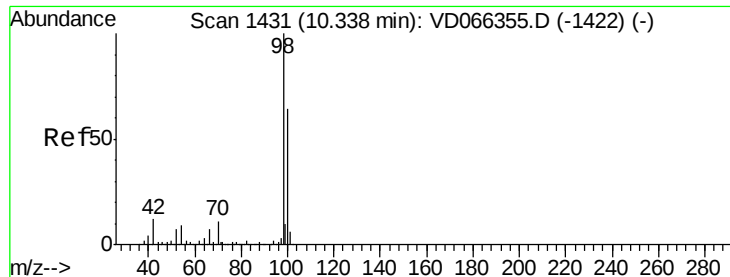
#35
 Dibromofluoromethane
 Concen: 48.512 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066471.D
 Acq: 28 Aug 2020 20:26

Tgt Ion:	113	Resp:	87120
Ion	Ratio	Lower	Upper
113	100		
111	101.6	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

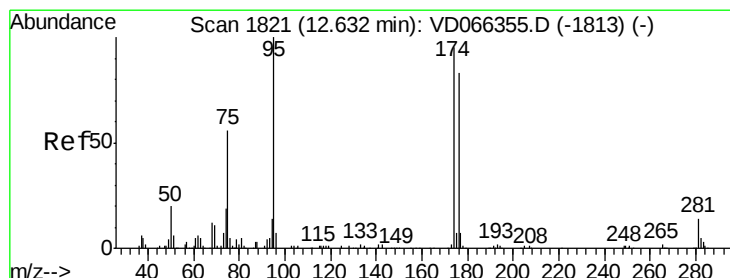
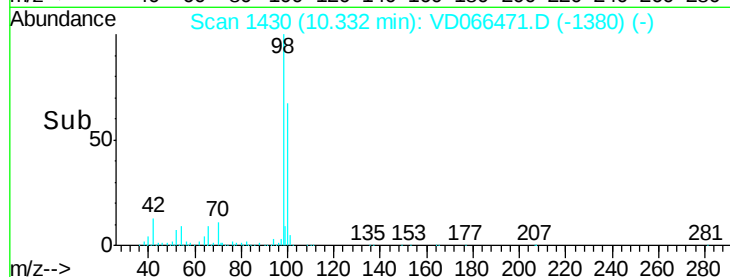
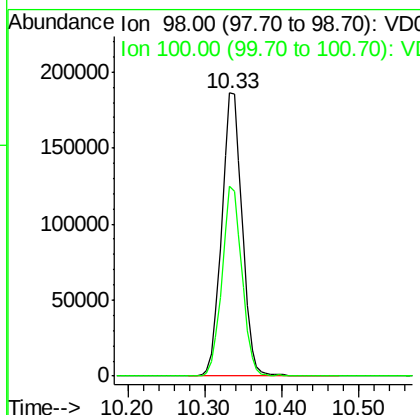
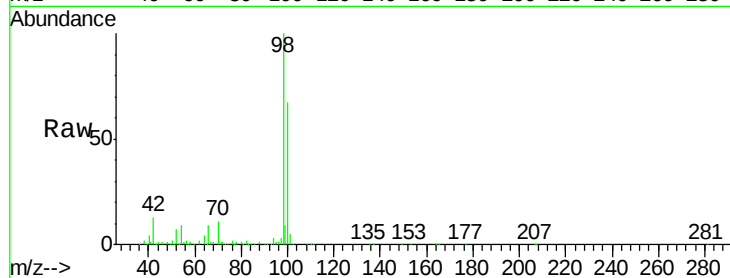




#50
Toluene-d8
Concen: 52.461 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066471.D
Acq: 28 Aug 2020 20:26

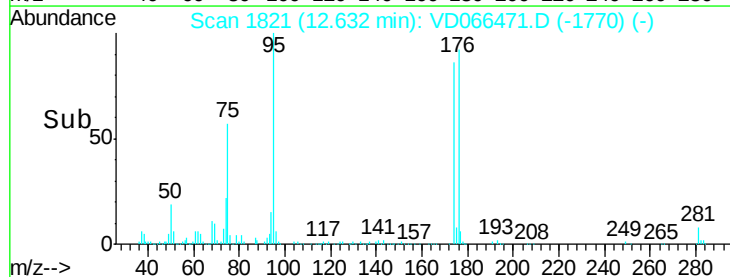
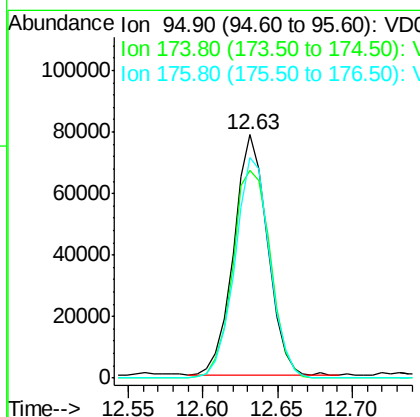
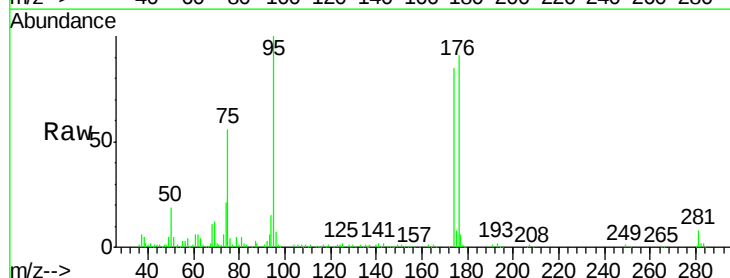
Instrument :
MSVOA_D
ClientSampleId :
12018

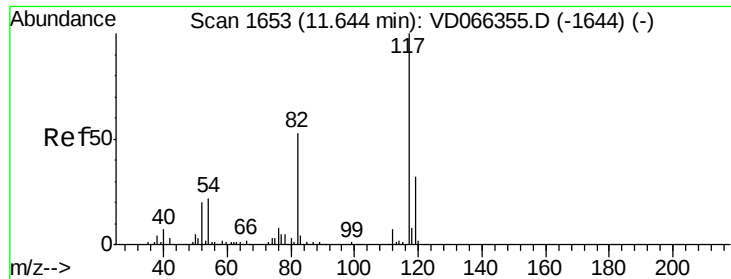
Tot Ion: 98 Resp: 344710
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.736 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066471.D
Acq: 28 Aug 2020 20:26

Tgt Ion: 95 Resp: 122959
Ion Ratio Lower Upper
95 100
174 97.0 0.0 183.4
176 94.8 0.0 173.8

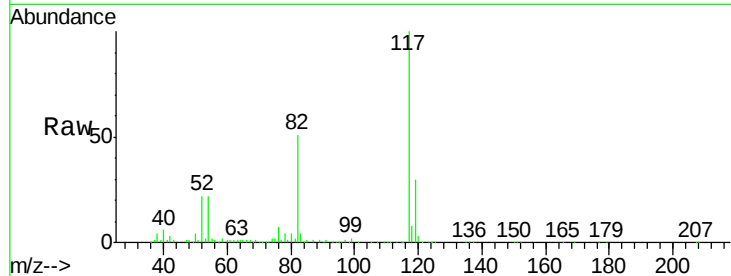




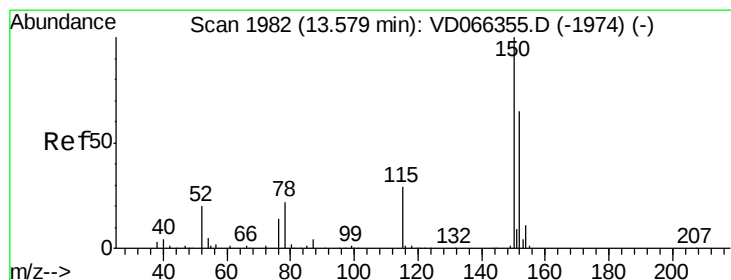
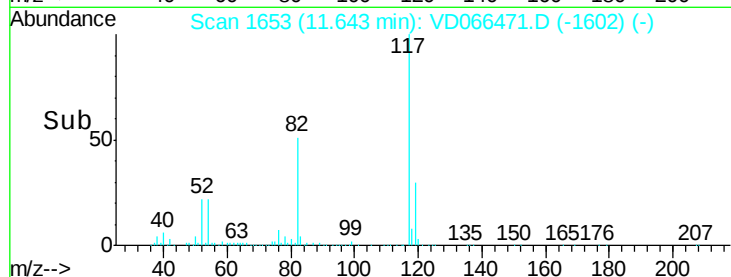
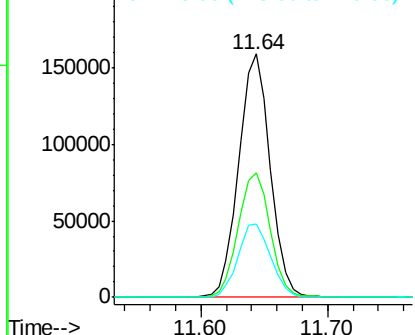
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066471.D
Acq: 28 Aug 2020 20:26

Instrument :
MSVOA_D
ClientSampleId :
12018

Tot Ion:117 Resp: 273660
Ion Ratio Lower Upper
117 100
82 50.7 42.8 64.2
119 30.2 25.8 38.8

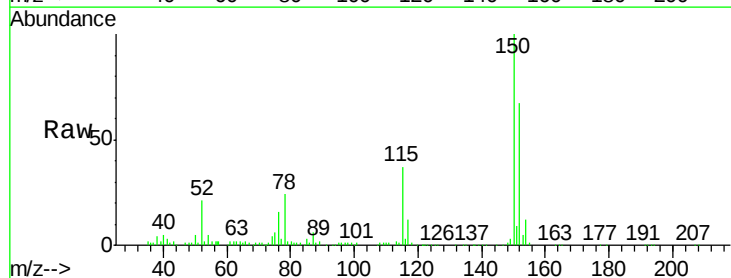


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066471.D
Acq: 28 Aug 2020 20:26

Tgt Ion:152 Resp: 142950
Ion Ratio Lower Upper
152 100
115 57.0 28.3 85.0
150 153.4 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

