

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067112.D
 Acq On : 06 Oct 2020 17:12
 Operator : VA/SY
 Sample : L4272-39
 Misc : 7.56G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-6-(6.5)

Quant Time: Oct 07 01:47:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

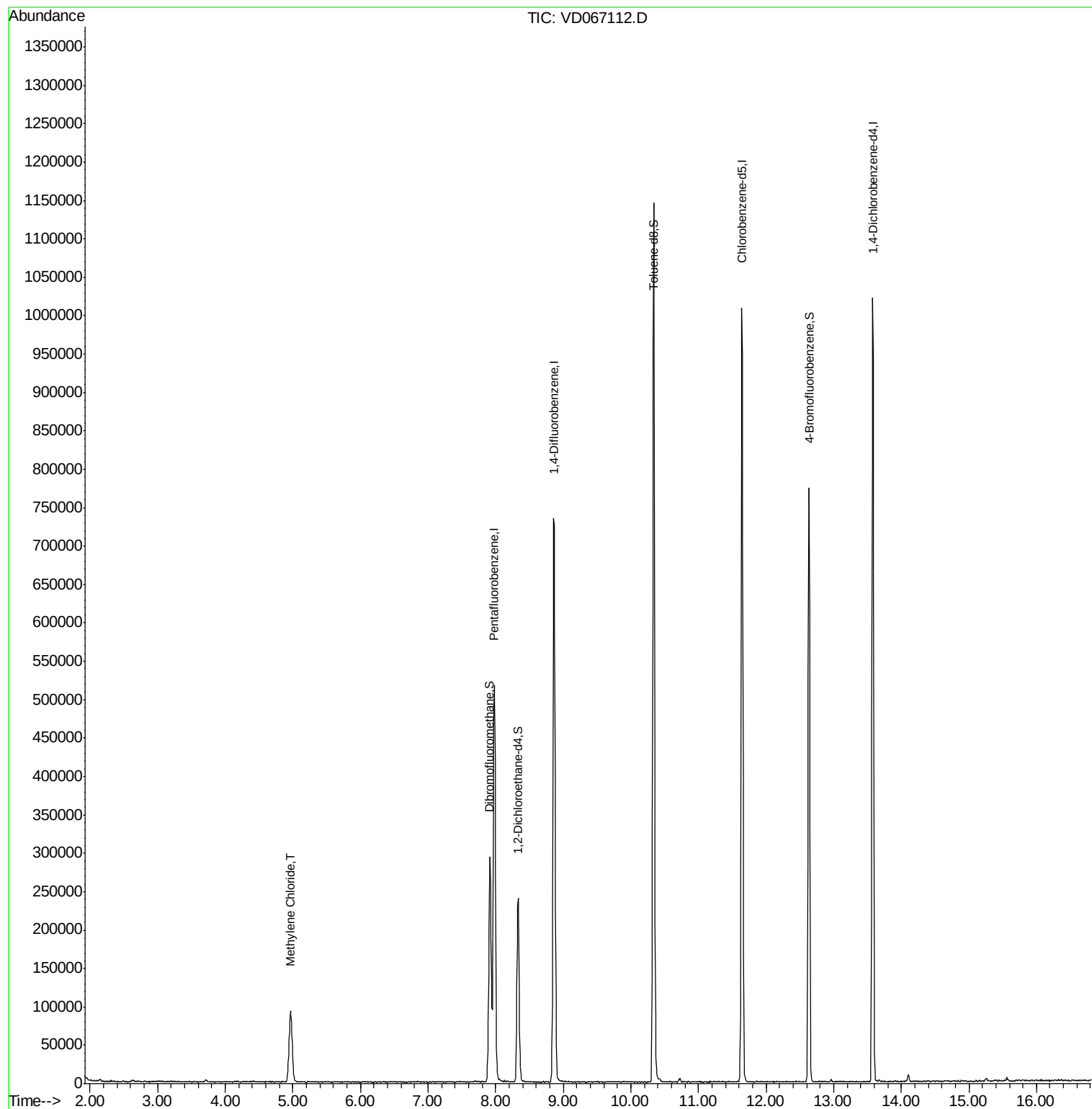
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	395662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	678458	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	620794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	285995	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	200019	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
35) Dibromofluoromethane	7.91	113	216215	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	10.34	98	785098	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.64	95	253539	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
Target Compounds						
20) Methylene Chloride	4.96	84	79689	14.077	ug/l	Qvalue 96

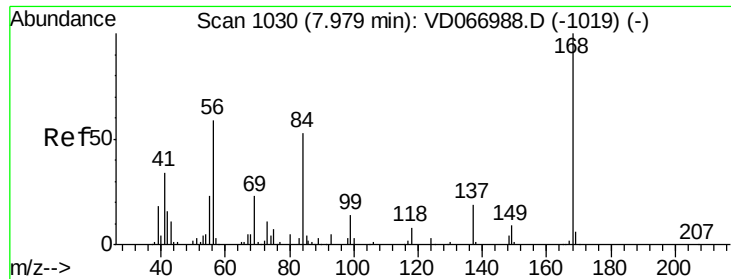
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067112.D

Acq: 06 Oct 2020 17:12

Instrument :

MSVOA_D

ClientSampleId :

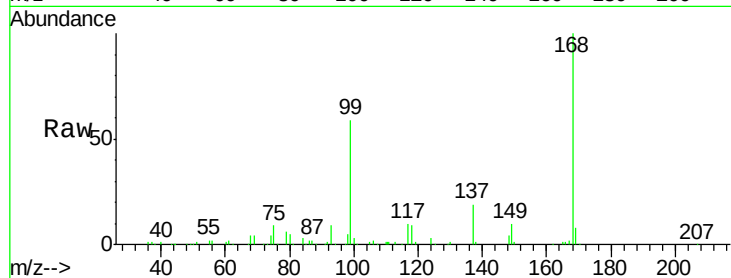
SC-6-(6.5)

Tot Ion:168 Resp: 395662

Ion Ratio Lower Upper

168 100

99 58.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

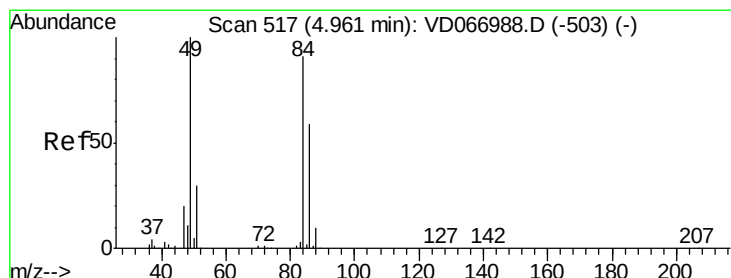
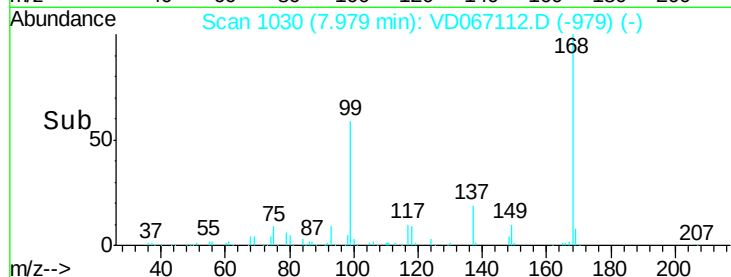
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 14.077 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD067112.D

Acq: 06 Oct 2020 17:12

Tgt Ion: 84 Resp: 79689

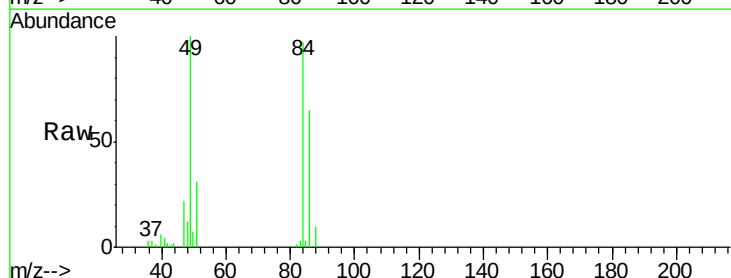
Ion Ratio Lower Upper

84 100

49 103.5 88.2 132.2

51 32.0 26.6 39.8

86 67.0 52.1 78.1



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

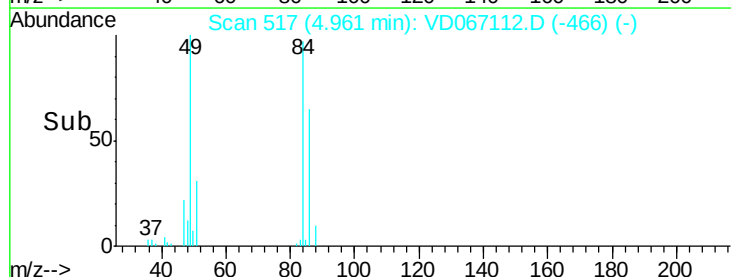
30000

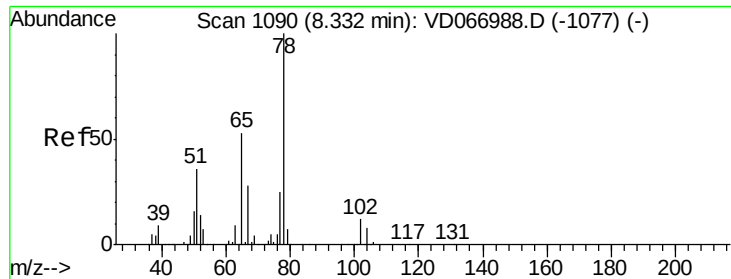
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Time-->

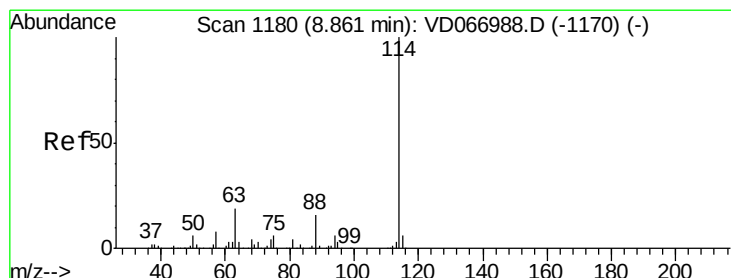
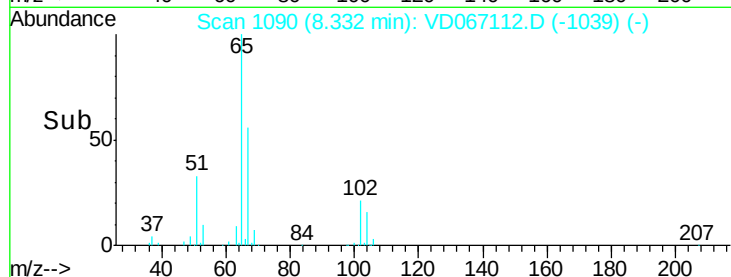
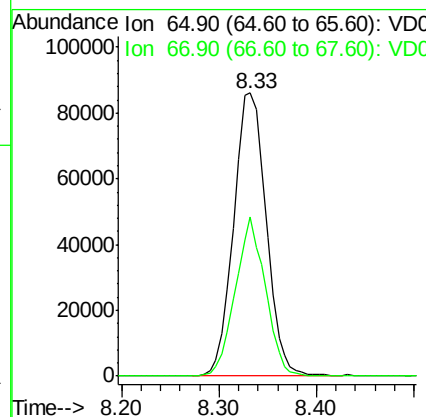
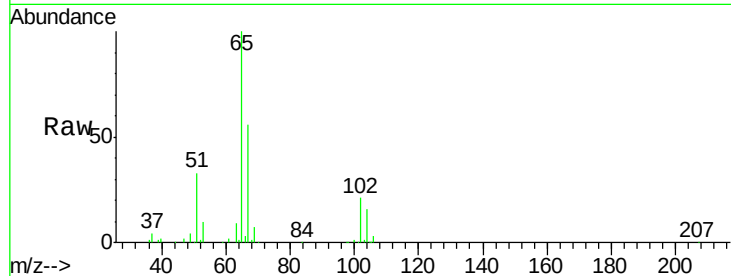




#33
 1,2-Dichloroethane-d4
 Concen: 52.485 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067112.D
 Acq: 06 Oct 2020 17:12

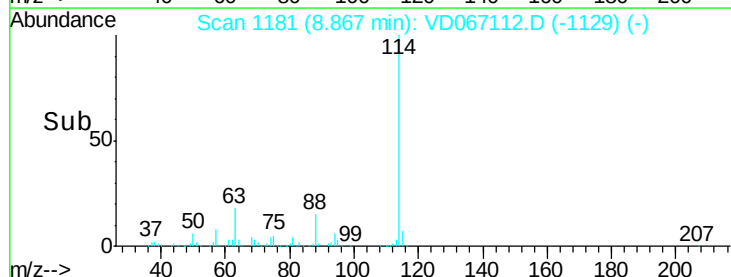
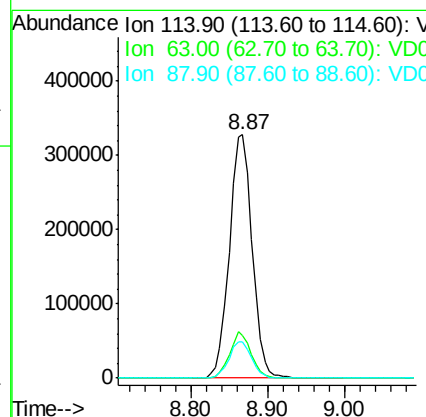
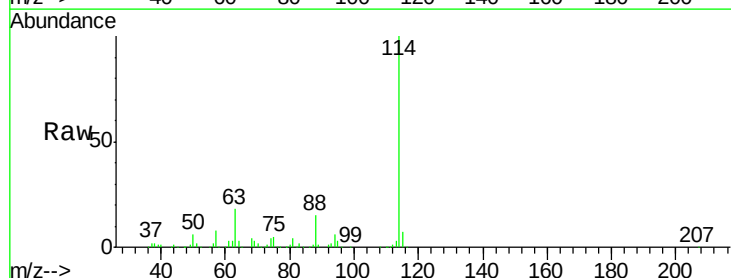
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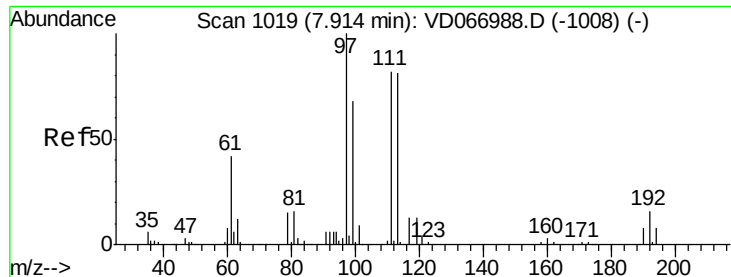
Tot Ion: 65 Resp: 200019
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067112.D
 Acq: 06 Oct 2020 17:12

Tgt Ion: 114 Resp: 678458
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 38.4
 88 14.7 0.0 31.2

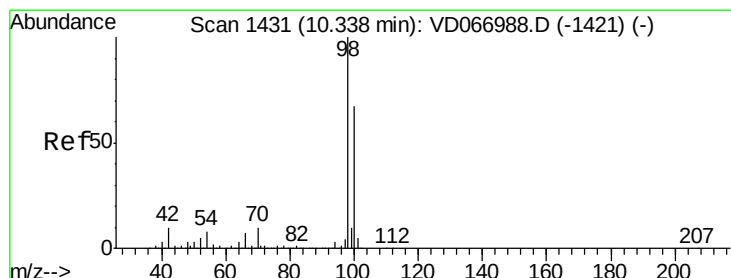
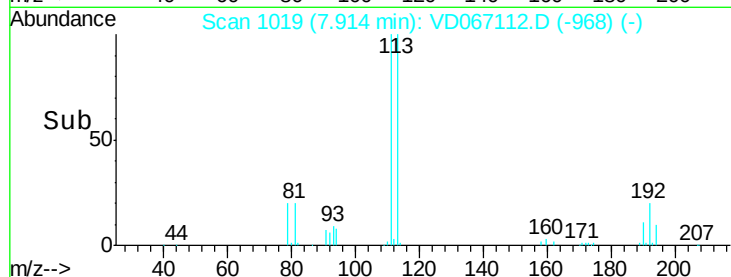
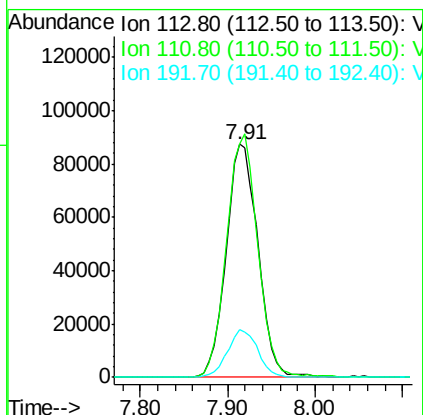
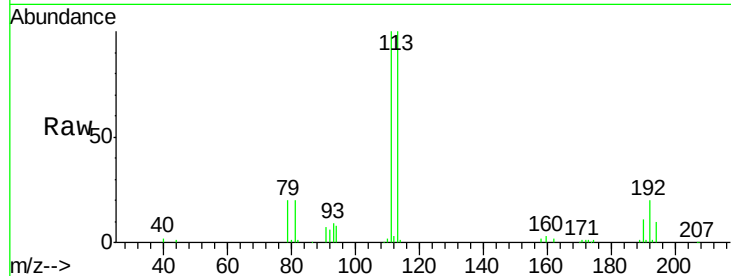




#35
 Dibromofluoromethane
 Concen: 48.678 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067112.D
 Acq: 06 Oct 2020 17:12

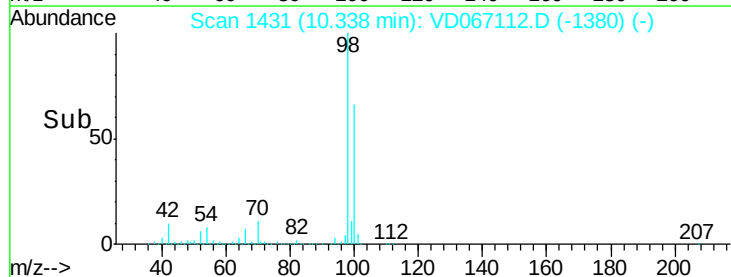
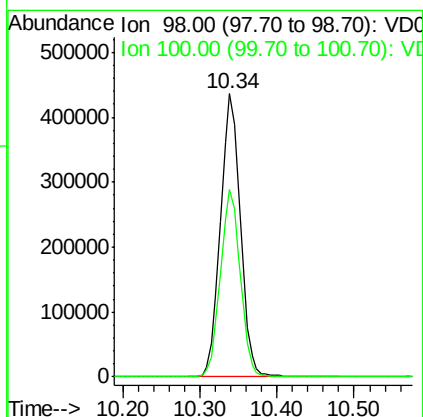
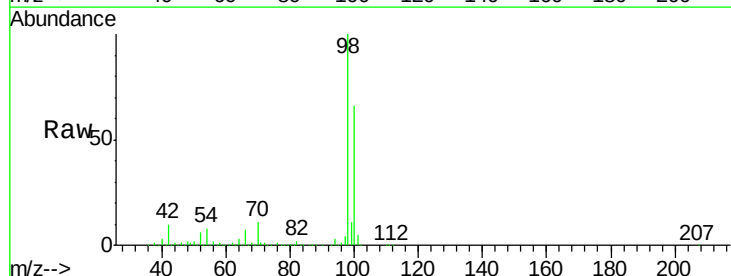
Instrument :
 MSVOA_D
 ClientSampleId :
 SC-6-(6.5)

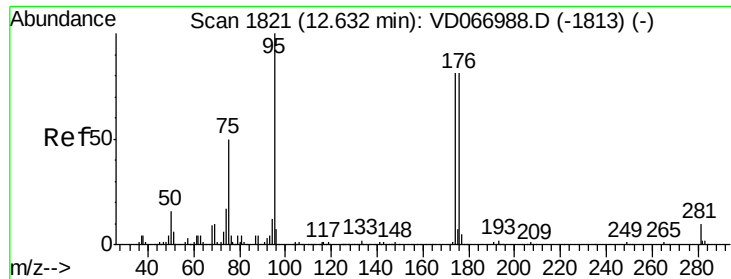
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.0	124.4
192	19.5	15.5	23.3



#50
 Toluene-d8
 Concen: 48.507 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD067112.D
 Acq: 06 Oct 2020 17:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.8	79.2

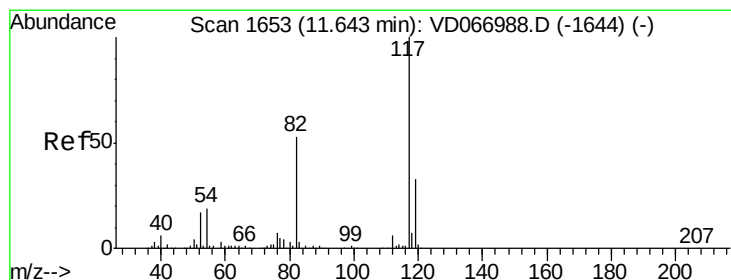
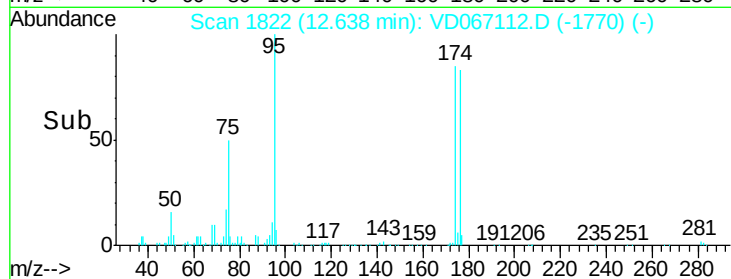
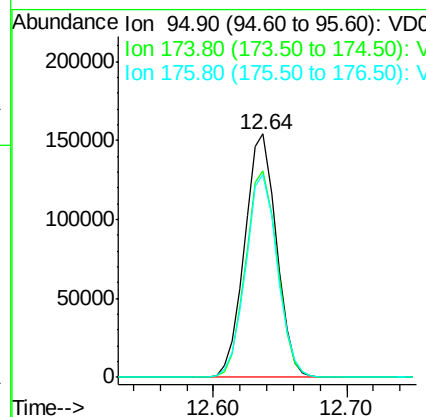
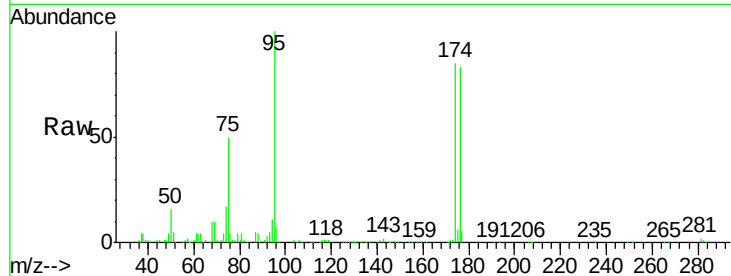




#62
4-Bromofluorobenzene
Concen: 46.144 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067112.D
Acq: 06 Oct 2020 17:12

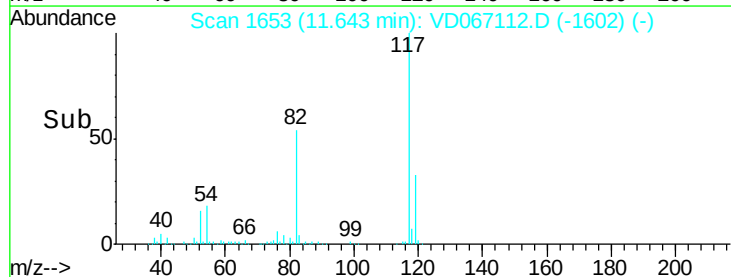
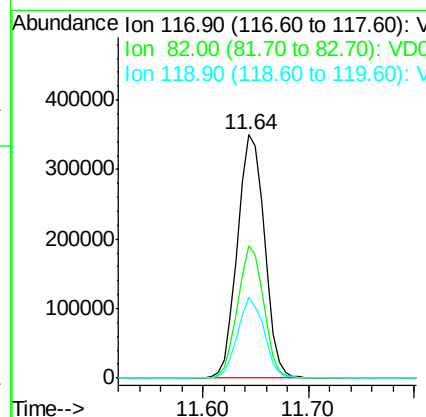
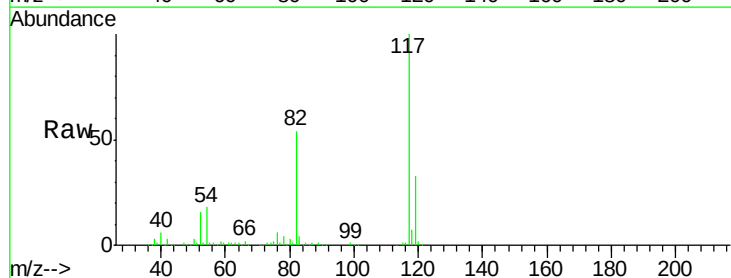
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MSVOA_D
ClientSampleId :
SC-6-(6.5)

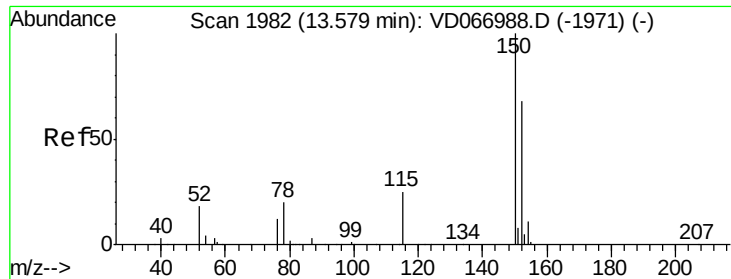
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	167.6
176	83.2	0.0	162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067112.D
Acq: 06 Oct 2020 17:12

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.6	63.8
119	33.1	26.3	39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VD067112.D
 Acq: 06 Oct 2020 17:12

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-6-(6.5)

Tot Ion:	152	Resp:	285995
Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.6	88.8
150	157.6	0.0	344.8

