

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067046.D
 Acq On : 02 Oct 2020 20:04
 Operator : VA/SY
 Sample : L3872-13
 Misc : 6.38G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-093020

Manual Integrations
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Quant Time: Oct 05 08:57:38 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	534569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	886842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	801174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	346274	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	259706	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
35) Dibromofluoromethane	7.91	113	283412	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
50) Toluene-d8	10.34	98	1061159	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.63	95	328321	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.42%	
Target Compounds						
8) Diethyl Ether	3.70	74	3296m	1.401	ug/l	Qvalue

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

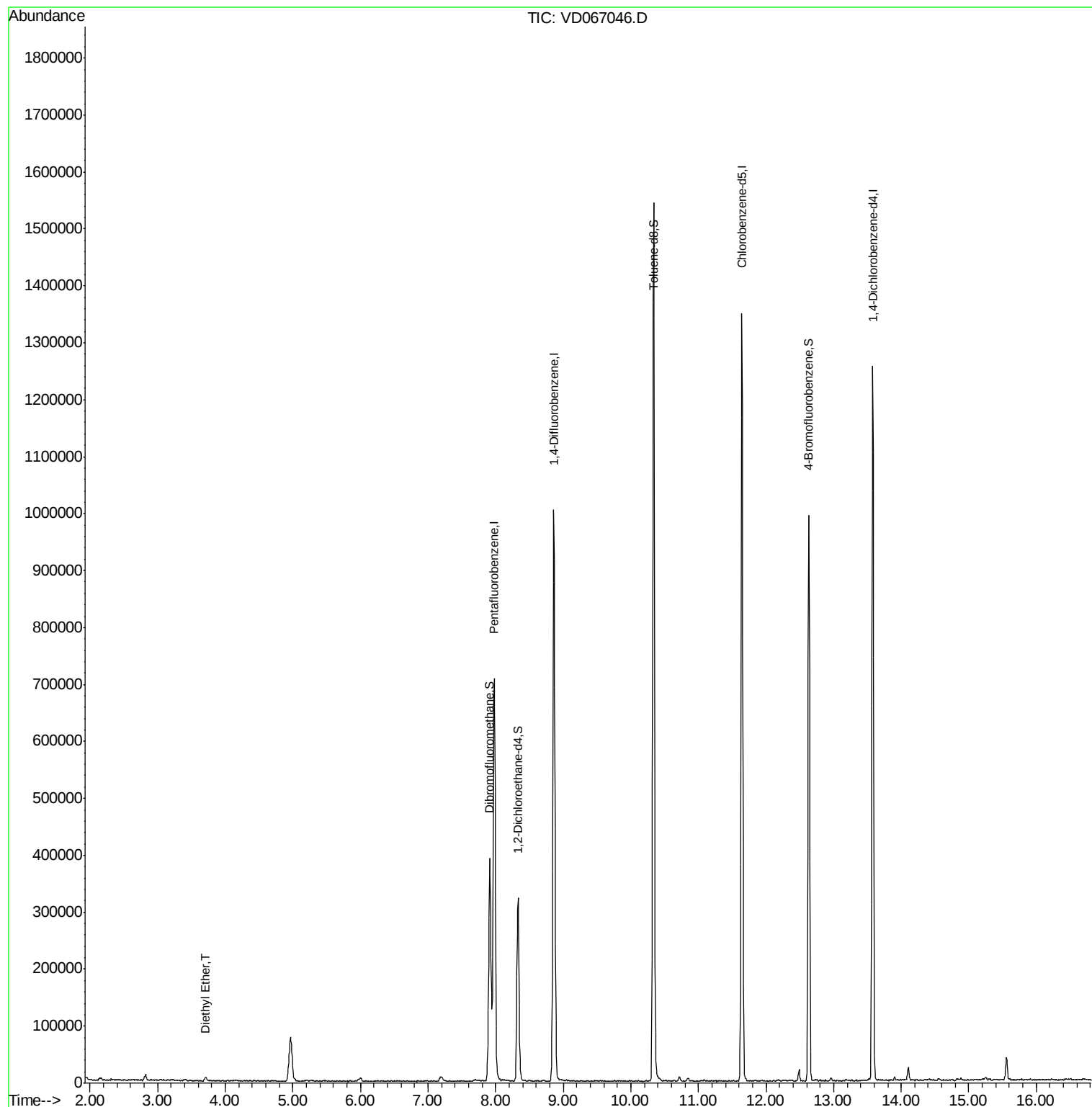
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100220\
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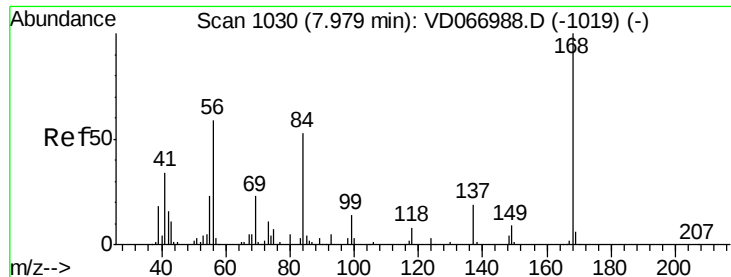
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067046.D

Acq: 02 Oct 2020 20:04

Instrument :

MSVOA_D

ClientSampleId :

BU-03-093020

Tot Ion:168 Resp: 534569

Ion Ratio Lower Upper

168 100

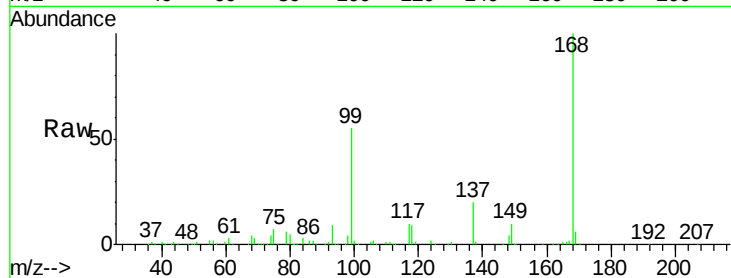
99 55.4 44.1 66.1

Manual Integrations

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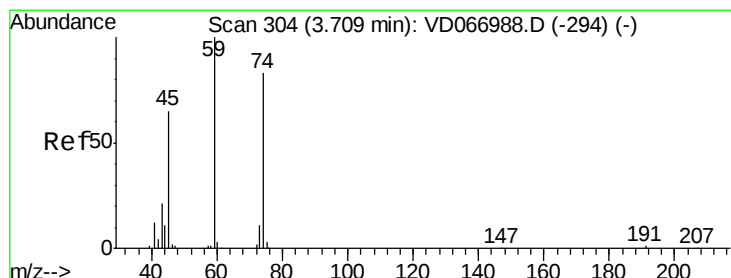
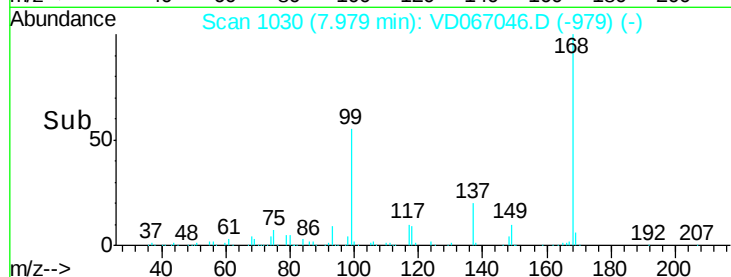
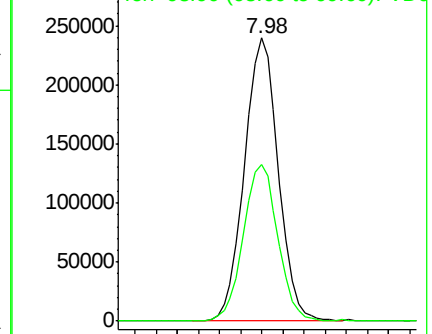
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#8

Diethyl Ether

Concen: 1.401 ug/l m

RT: 3.70 min Scan# 302

Delta R.T. -0.01 min

Lab File: VD067046.D

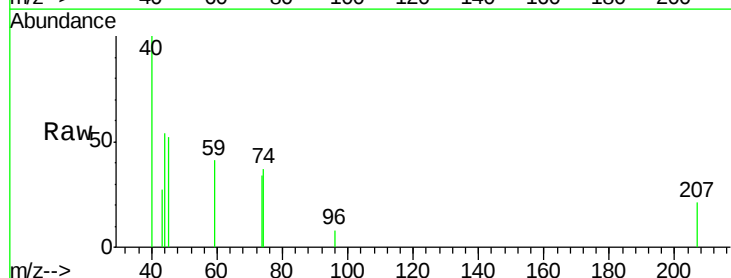
Acq: 02 Oct 2020 20:04

Tgt Ion: 74 Resp: 3296

Ion Ratio Lower Upper

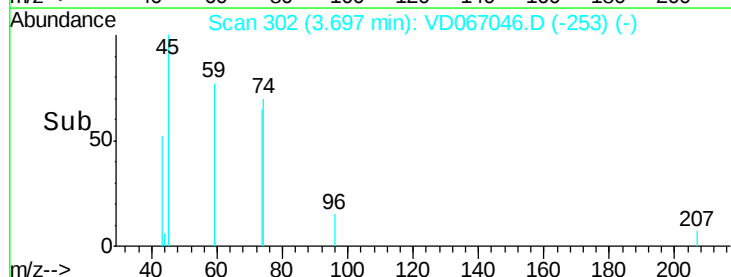
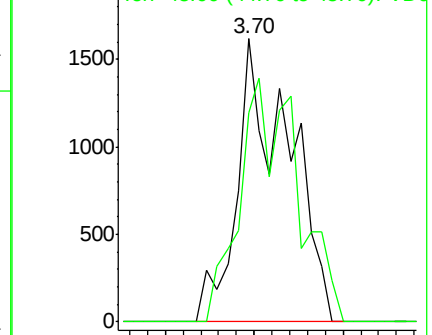
74 100

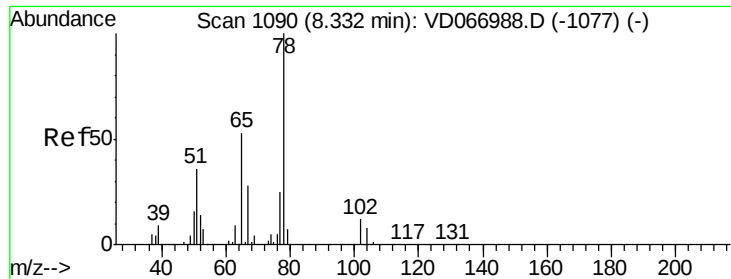
45 94.9 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





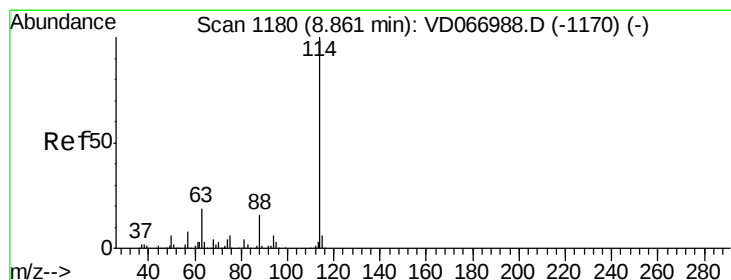
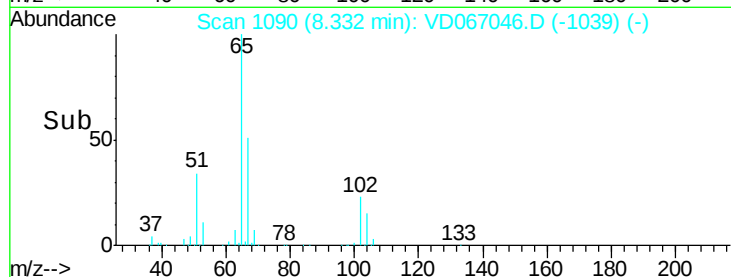
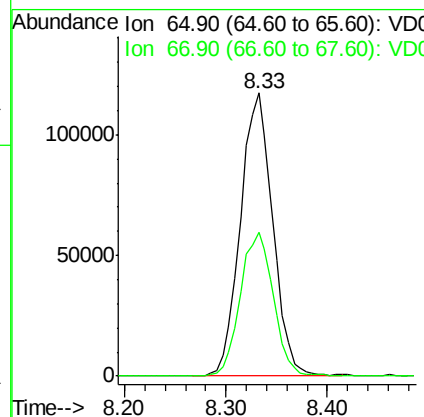
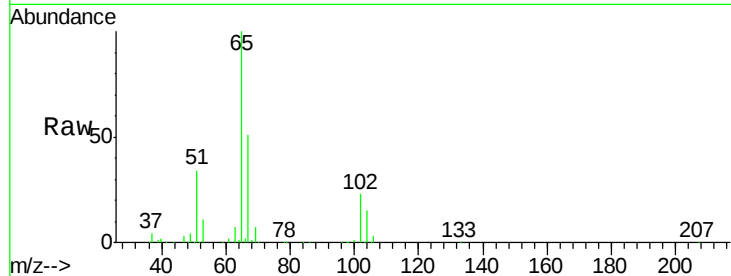
#33
 1,2-Dichloroethane-d4
 Concen: 50.439 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067046.D
 Acq: 02 Oct 2020 20:04

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-093020

Tot Ion	Ratio	Resp	Lower	Upper
65	100	259706		
67	51.8	0.0	106.8	

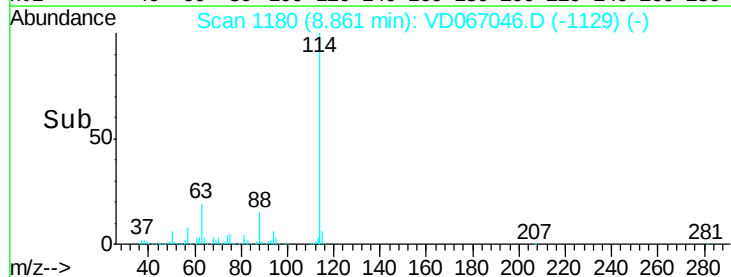
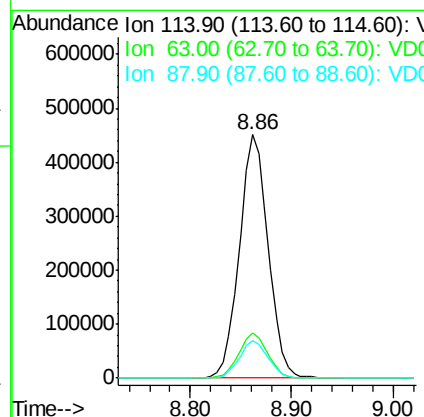
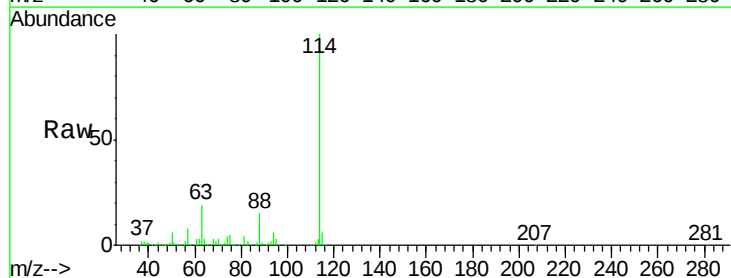
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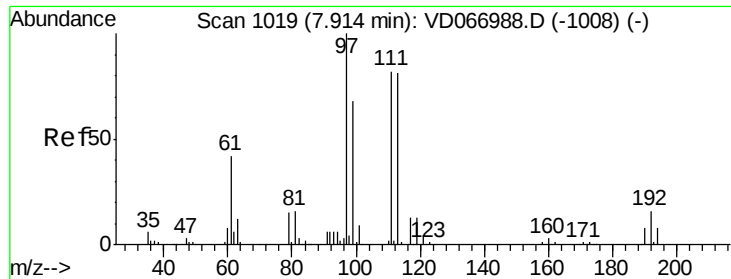
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067046.D
 Acq: 02 Oct 2020 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	886842		
63	18.8	0.0	38.4	
88	15.2	0.0	31.2	





#35

Dibromofluoromethane

Concen: 48.814 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067046.D

Acq: 02 Oct 2020 20:04

Instrument :

MSVOA_D

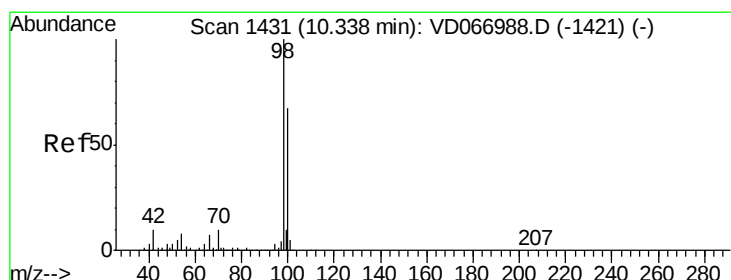
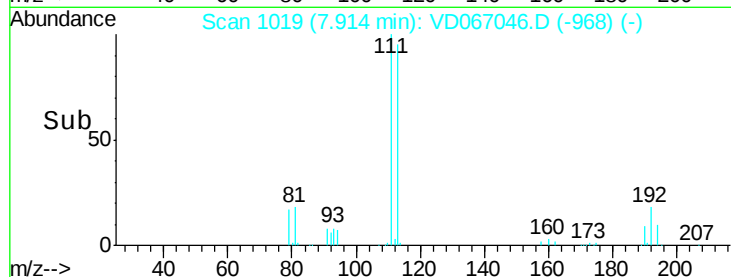
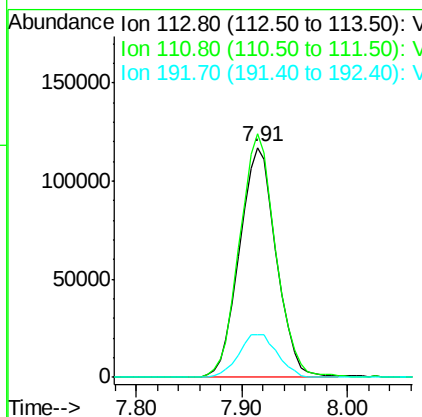
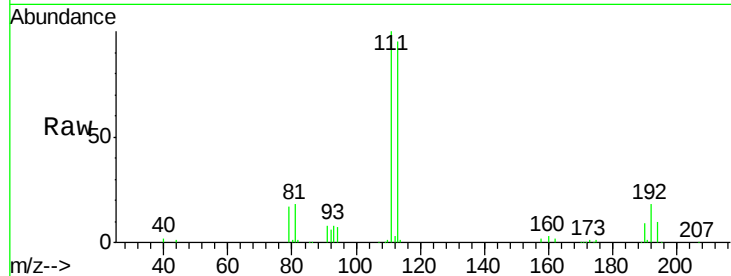
ClientSampleId :

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Tot Ion:	113	Resp:	283412
Ion Ratio	Lower	Upper	
113	100		
111	104.2	83.0	124.4
192	19.7	15.5	23.3

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#50

Toluene-d8

Concen: 50.158 ug/l

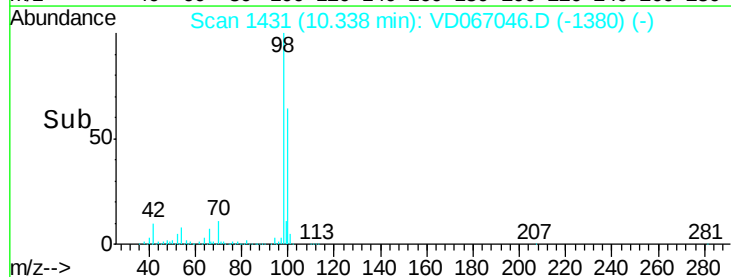
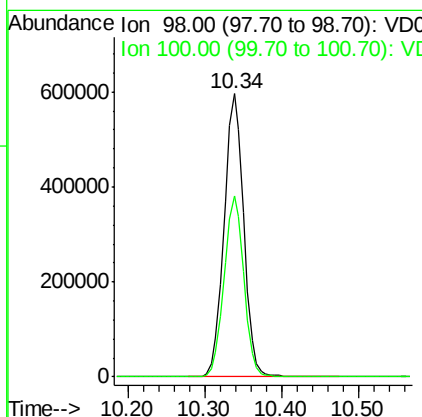
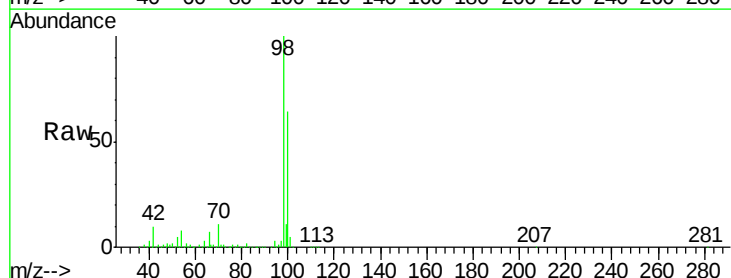
RT: 10.34 min Scan# 1431

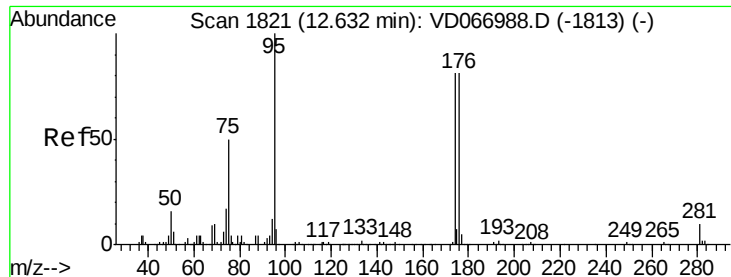
Delta R.T. 0.00 min

Lab File: VD067046.D

Acq: 02 Oct 2020 20:04

Tgt Ion:	98	Resp:	1061159
Ion Ratio	Lower	Upper	
98	100		
100	64.5	52.8	79.2





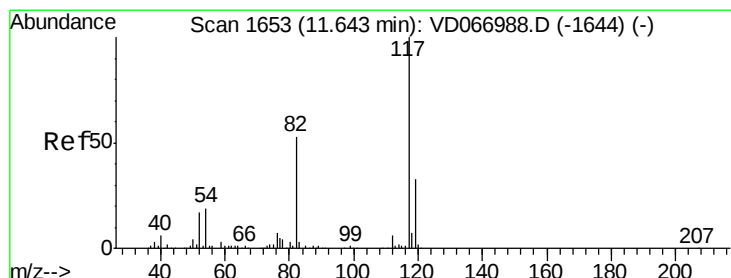
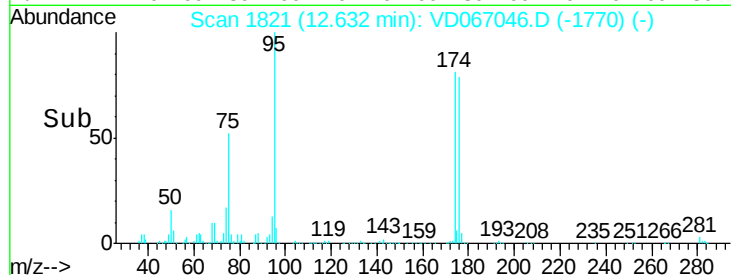
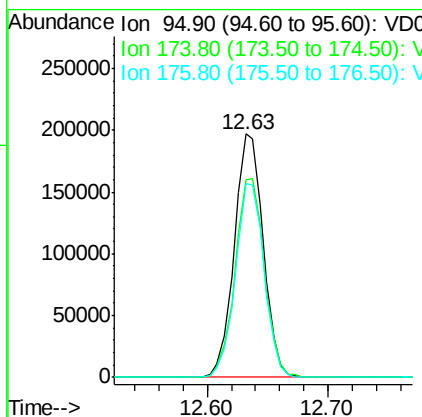
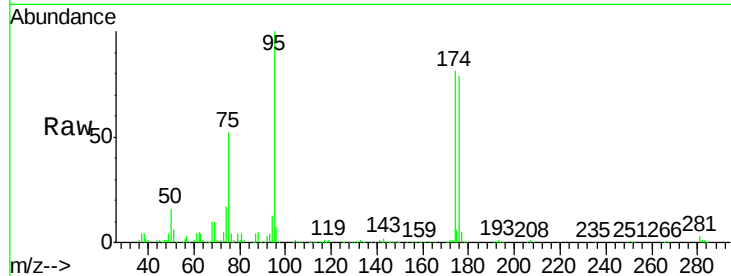
#62
4-Bromofluorobenzene
Concen: 45.714 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067046.D
Acq: 02 Oct 2020 20:04

Instrument :
MSVOA_D
ClientSampleId :
BU-03-093020

Tot Ion	Ratio	Resp	Lower	Upper
95	100	328321		
174	83.4	0.0	167.6	
176	79.1	0.0	162.4	

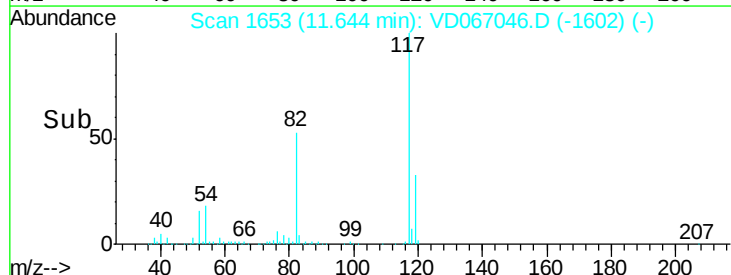
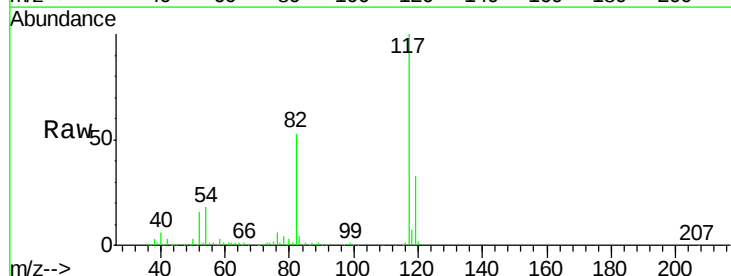
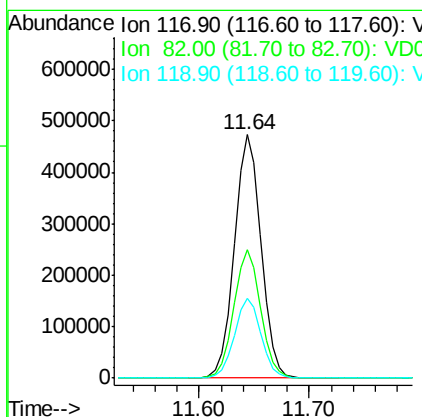
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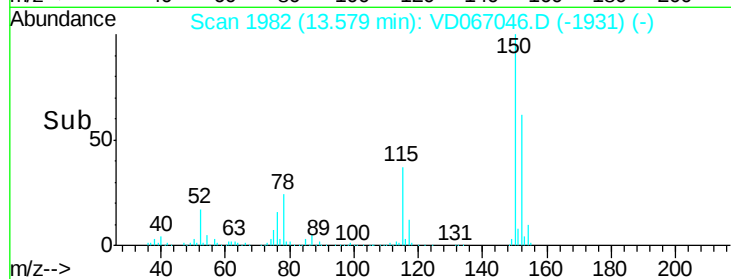
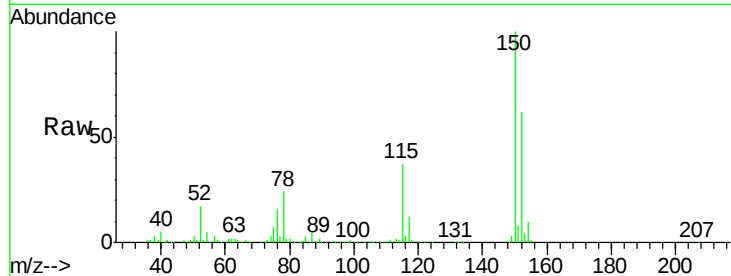
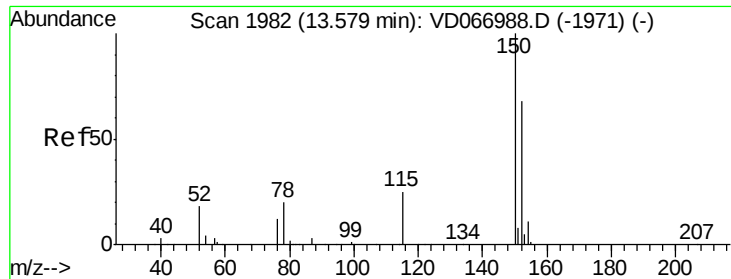
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067046.D
Acq: 02 Oct 2020 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	801174		
82	52.7	42.6	63.8	
119	32.5	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: VD067046.D

Acq: 02 Oct 2020 20:04

Tot Ion:	152	Resp:	346274
Ion Ratio	Lower	Upper	
152	100		
115	59.0	29.6	88.8
150	158.0	0.0	344.8

Instrument :

MSVOA_D

ClientSampleId :

BU-03-093020

Manual Integrations
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