

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066915.D
 Acq On : 28 Sep 2020 16:05
 Operator : VA/SY
 Sample : L4173-05
 Misc : 8.46G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-(3FT)

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 11:46:44 AM

Quant Time: Sep 29 01:54:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	35923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	61590	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	69611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	32730	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	29697	84.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	168.92%	
35) Dibromofluoromethane	7.91	113	20791	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
50) Toluene-d8	10.34	98	74456	55.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.54%	
62) 4-Bromofluorobenzene	12.64	95	28934	63.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.62%	
Target Compounds						
20) Methylene Chloride	4.97	84	6973m	13.016	ug/l	Qvalue

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

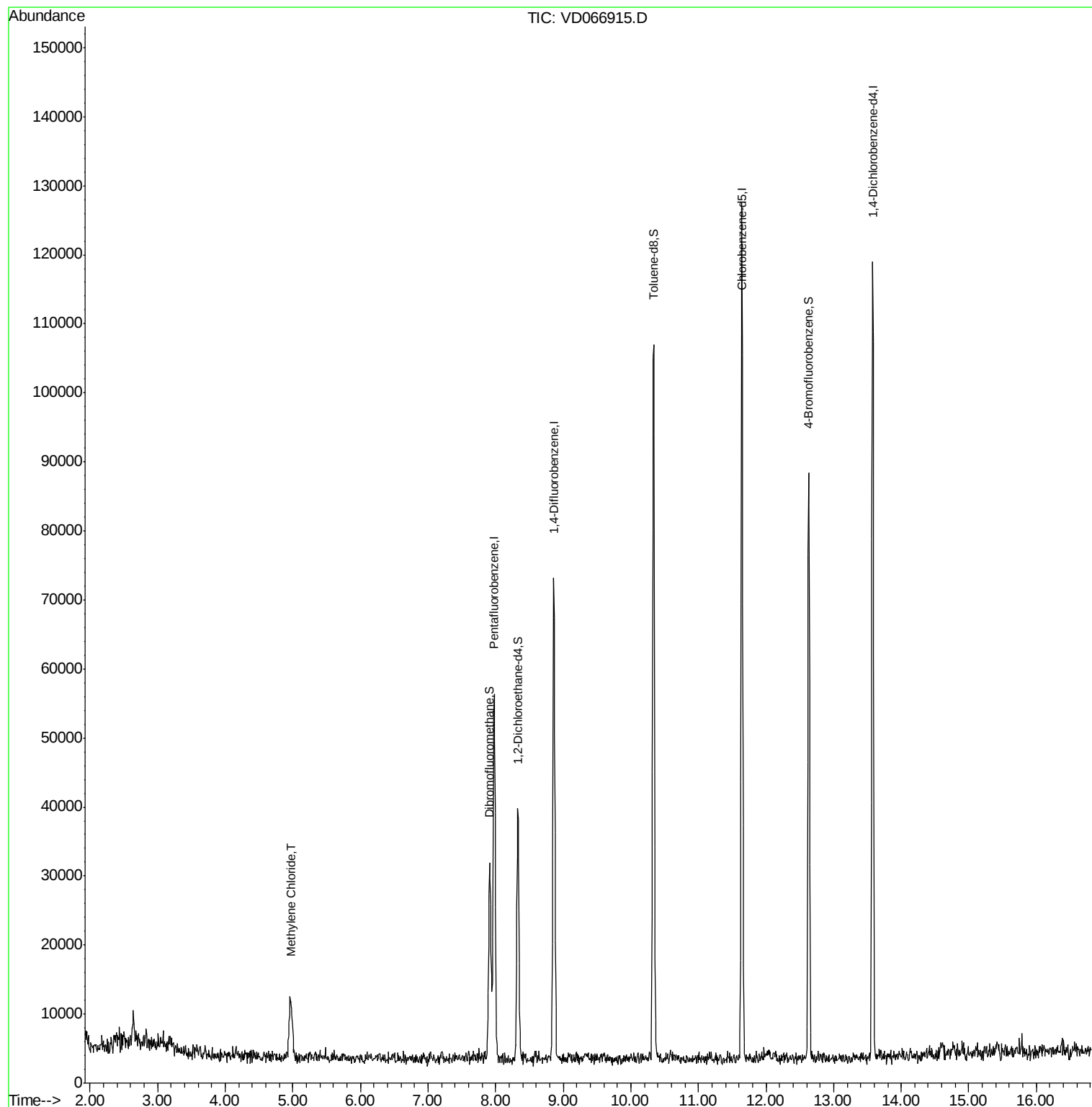
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092820\
Data File : VD066915.D
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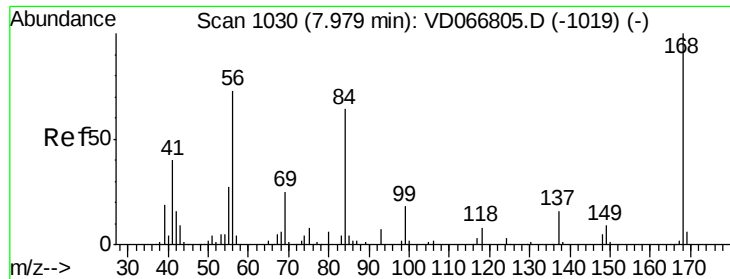
Instrument :
MSVOA_D
ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066915.D

Acq: 28 Sep 2020 16:05

Instrument :

MSVOA_D

ClientSampleId :

TP-2-(3FT)

Tot Ion:168 Resp: 35923

Ion Ratio Lower Upper

168 100

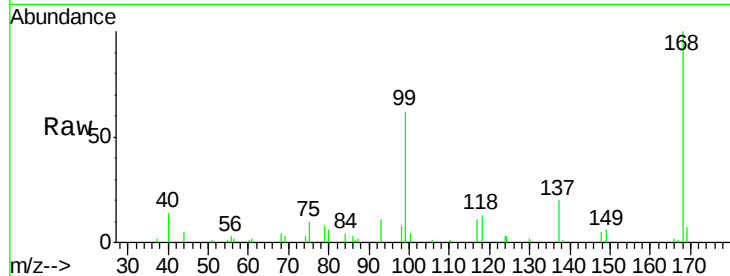
99 61.7 46.6 69.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

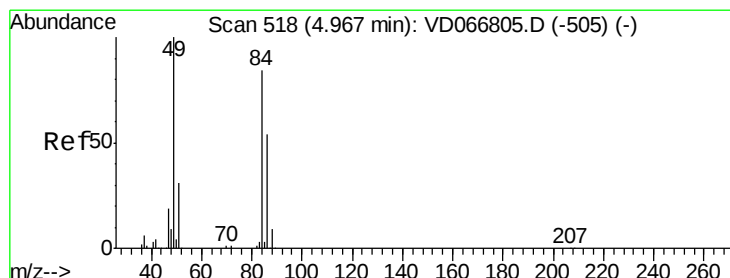
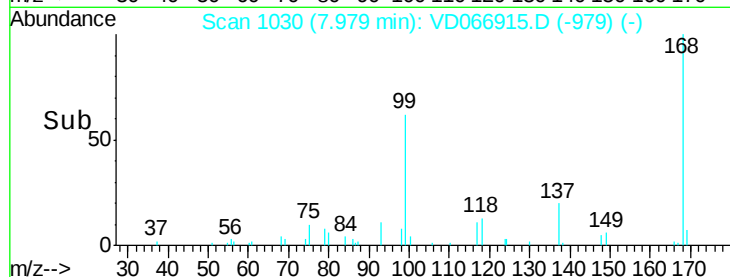
15000

10000

5000

0

Time-->



#20

Methylene Chloride

Concen: 13.016 ug/l m

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD066915.D

Acq: 28 Sep 2020 16:05

Tgt Ion: 84 Resp: 6973

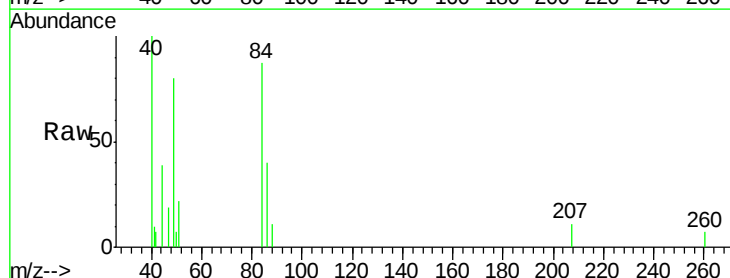
Ion Ratio Lower Upper

84 100

49 91.8 95.4 143.2#

51 25.6 29.7 44.5#

86 45.4 51.4 77.2#



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

4.97

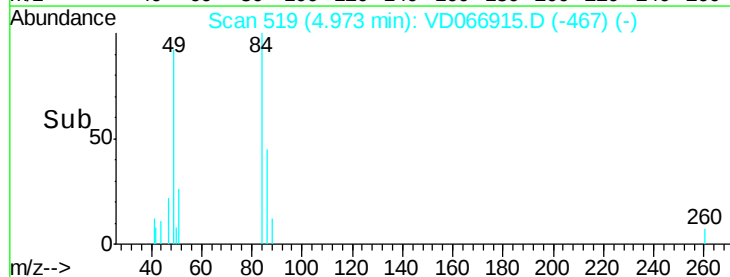
3000

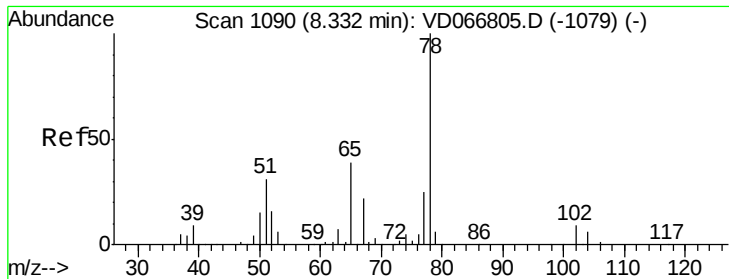
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 84.463 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066915.D

Acq: 28 Sep 2020 16:05

Instrument :

MSVOA_D

ClientSampleId :

TP-2-(3FT)

Tot Ion: 65 Resp: 29697

Ion Ratio Lower Upper

65 100

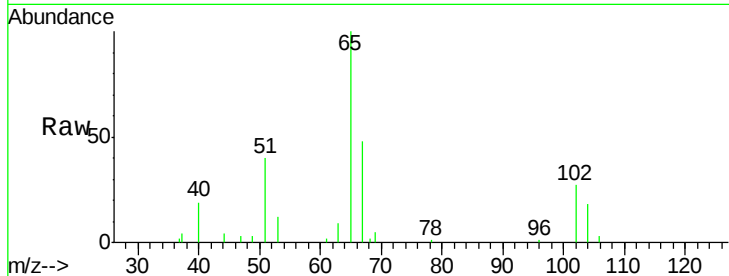
67 48.2 0.0 107.2

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

15000

10000

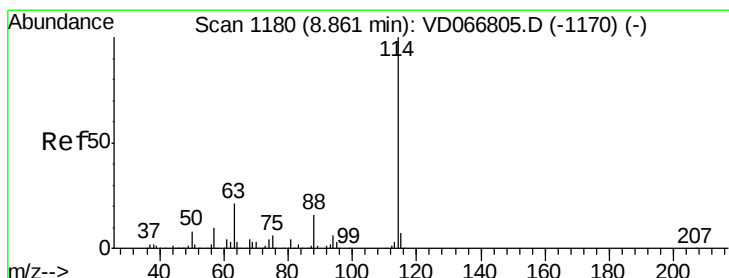
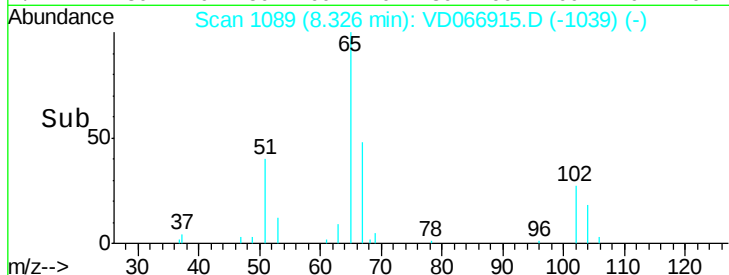
5000

0

8.25 8.30 8.35 8.40

8.33

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066915.D

Acq: 28 Sep 2020 16:05

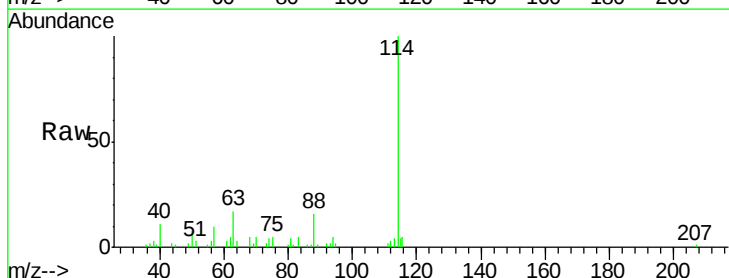
Tgt Ion: 114 Resp: 61590

Ion Ratio Lower Upper

114 100

63 16.7 0.0 42.6

88 16.3 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

30000

20000

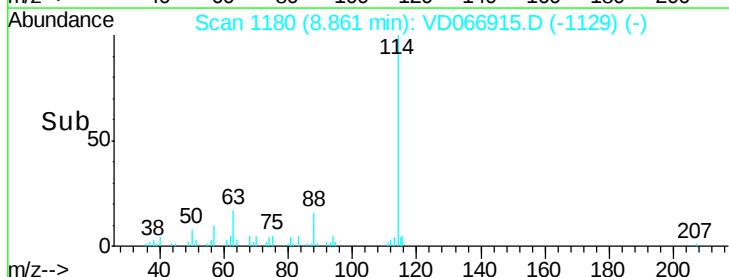
10000

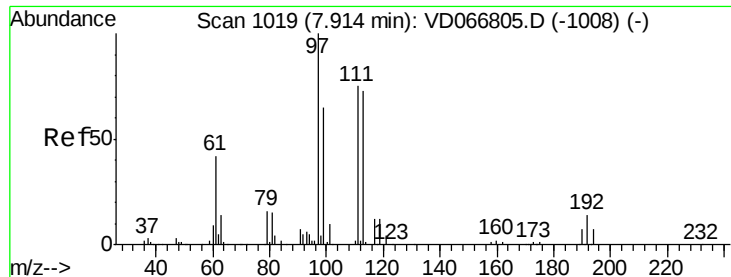
0

8.75 8.80 8.85 8.90 8.95

8.86

Time-->





#35

Dibromofluoromethane

Concen: 53.061 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066915.D

Acq: 28 Sep 2020 16:05

Instrument :

MSVOA_D

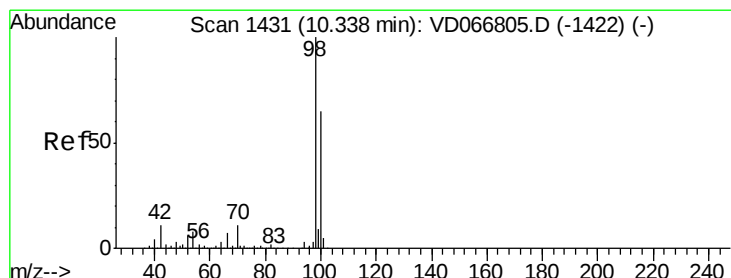
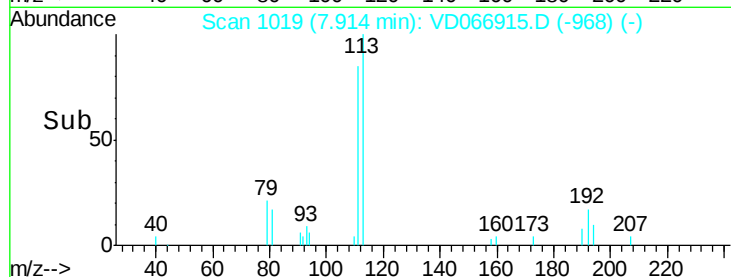
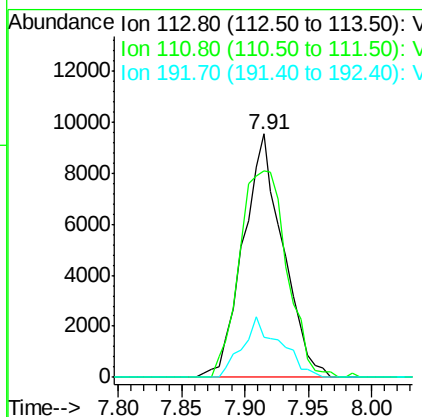
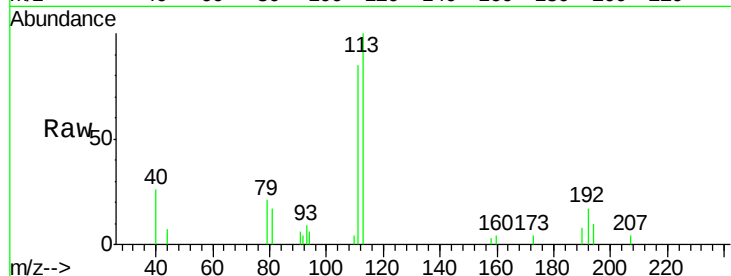
ClientSampleId :

TP-2-(3FT)

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.8	122.8
192	23.5	14.4	21.6

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#50

Toluene-d8

Concen: 55.770 ug/l

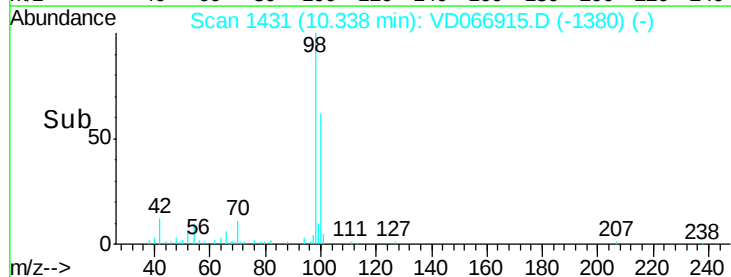
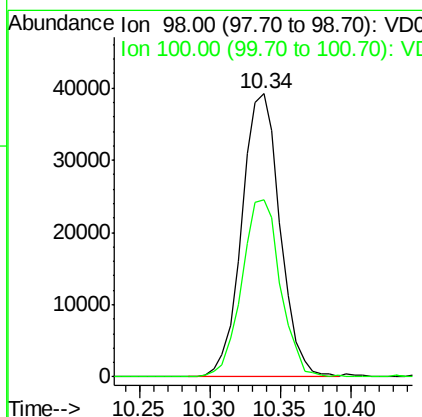
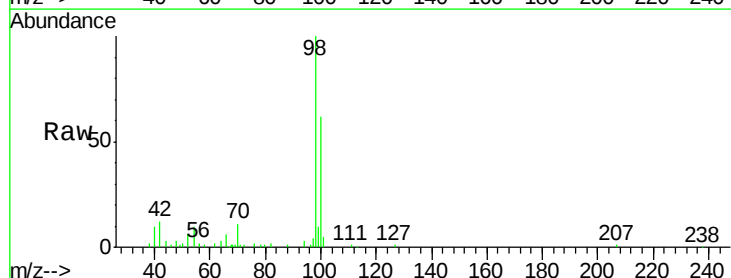
RT: 10.34 min Scan# 1431

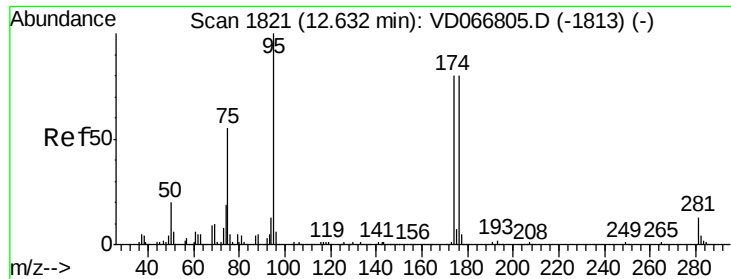
Delta R.T. 0.00 min

Lab File: VD066915.D

Acq: 28 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	52.2	78.2





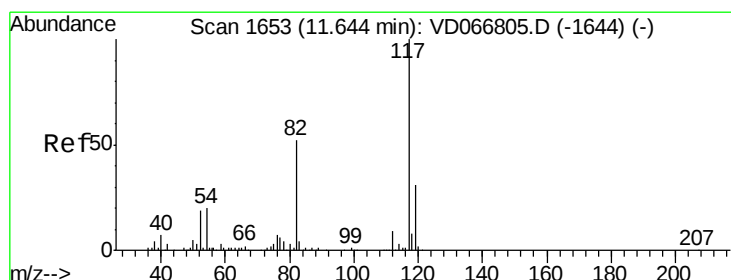
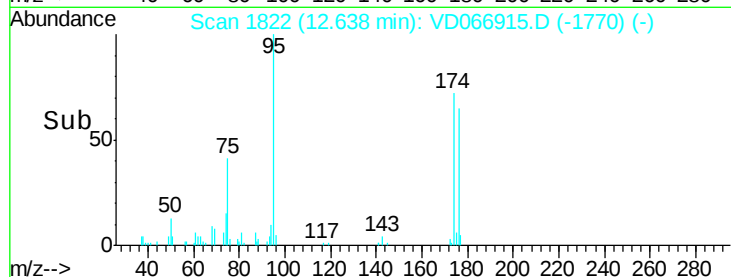
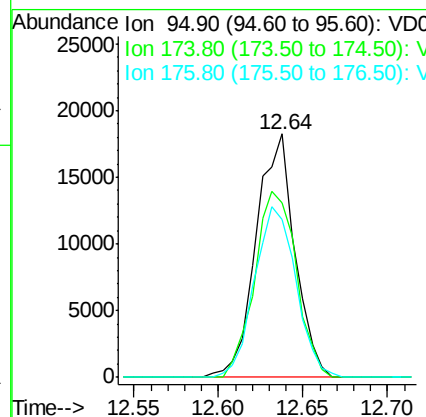
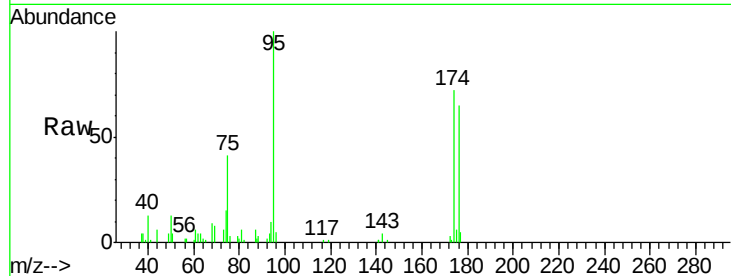
#62
4-Bromofluorobenzene
Concen: 63.308 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD066915.D
Acq: 28 Sep 2020 16:05

Instrument :
MSVOA_D
ClientSampled :
TP-2-(3FT)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	28934		
174	82.5	0.0	159.8	
176	75.2	0.0	154.4	

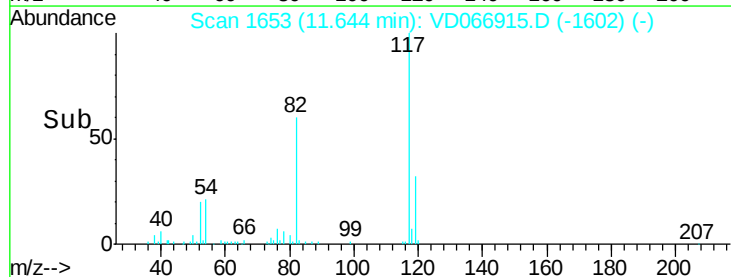
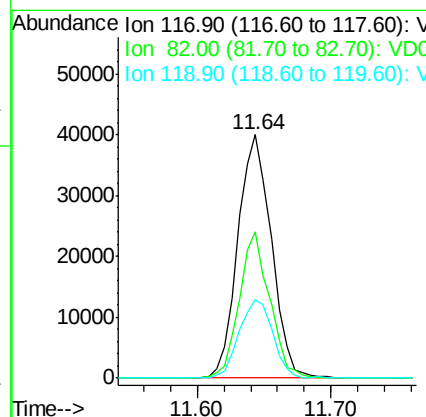
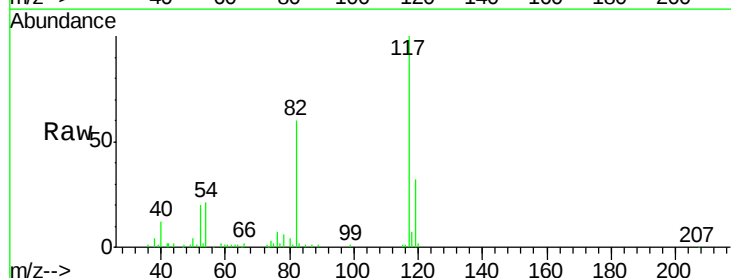
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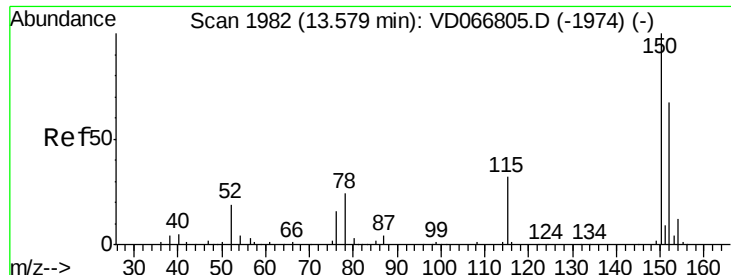
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066915.D
Acq: 28 Sep 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	69611		
82	60.2	41.8	62.6	
119	32.2	24.6	37.0	





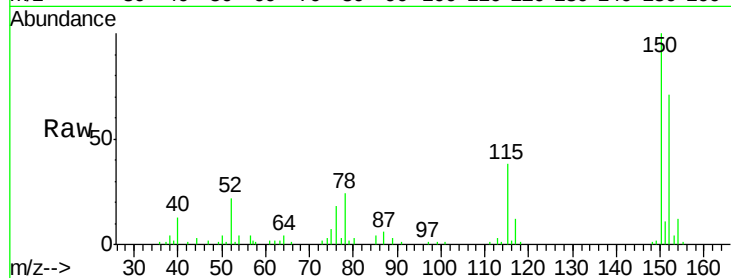
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VD066915.D
 Acq: 28 Sep 2020 16:05

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-(3FT)

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.5	30.3	91.0
150	149.5	0.0	346.2

Manual Integrations
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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

