

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042821\
 Data File : VL036886.D
 Acq On : 28 Apr 2021 19:19
 Operator : SY/AP
 Sample : M2172-05DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DDC-2-EFFLUENTDL

Manual Integrations
 APPROVED

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 4/29/2021 5:53:30 PM

Quant Time: Apr 29 16:29:36 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr 29 16:02:23 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1428930	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.20	114	3318987	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.11	117	3042649	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2382412	9.75	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.62	45	785050m	77.615	ppbv	
15) Acetone	3.87	43	399824	2.969	ppbv	95
19) Isopropyl Alcohol	3.99	45	544176m	8.155	ppbv	

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

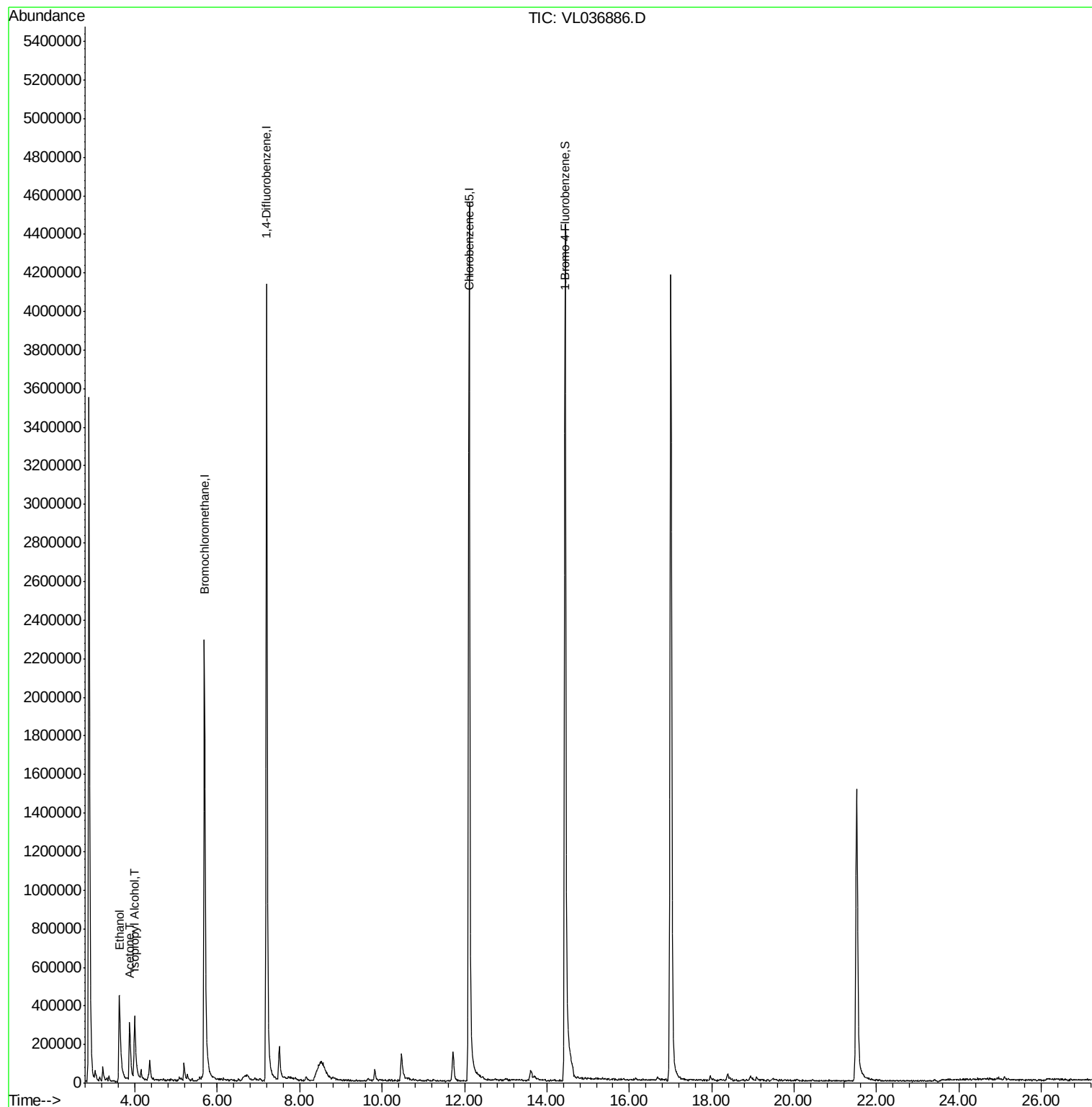
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Data File : VL036886.D
Acq On : 28 Apr 2021 19:19
Operator : SY/AP
Sample : M2172-05DL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

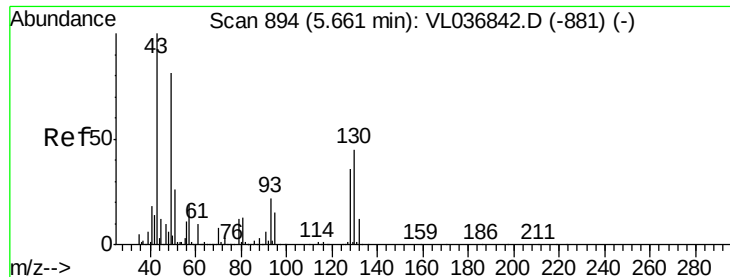
Instrument :
MSVOA_L
ClientSampleId :
DDC-2-EFFLUENTDL

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Quant Time: Apr 29 16:29:36 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.02 min

Lab File: VL036886.D

Acq: 28 Apr 2021 19:19

Instrument :

MSVOA_L

ClientSampleId :

DDC-2-EFFLUENTDL

Tot Ion: 49 Resp: 1428930

Ion Ratio Lower Upper

49 100

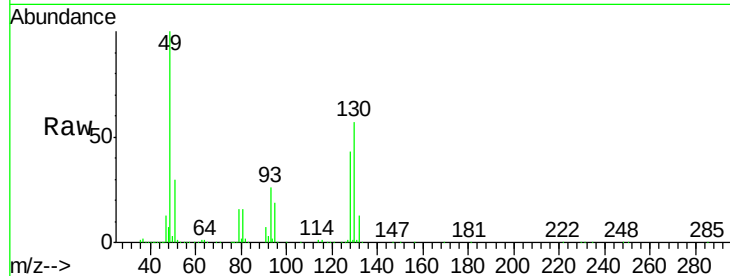
128 46.2 24.4 73.2

130 58.9 30.3 90.8

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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

800000

600000

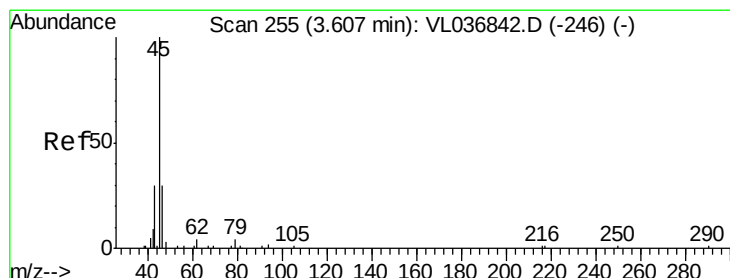
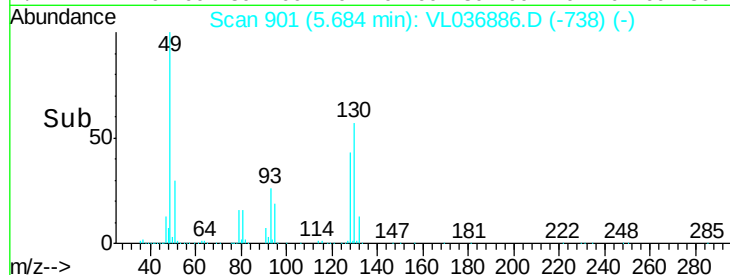
400000

200000

0

5.60 5.70 5.80

Time-->



#13

Ethanol

Concen: 77.615 ppbv m

RT: 3.62 min Scan# 260

Delta R.T. 0.02 min

Lab File: VL036886.D

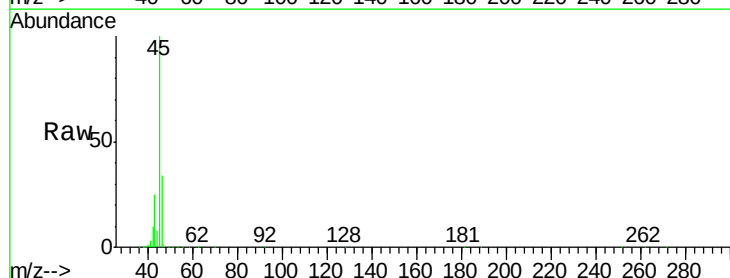
Acq: 28 Apr 2021 19:19

Tgt Ion: 45 Resp: 785050

Ion Ratio Lower Upper

45 100

46 35.8 16.8 67.4



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

250000

200000

150000

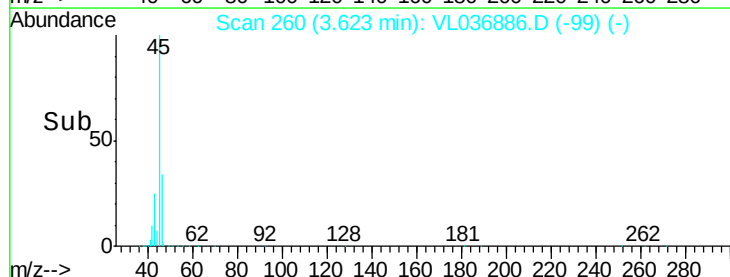
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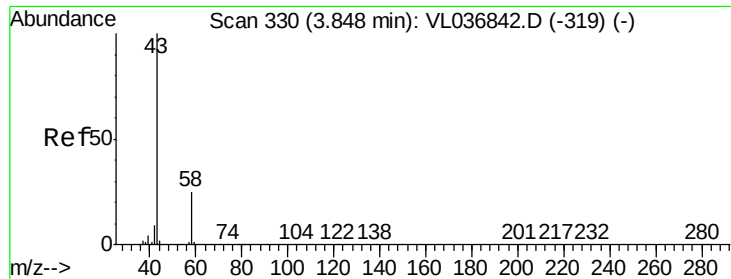
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0

3.50 3.60 3.70 3.80

Time-->





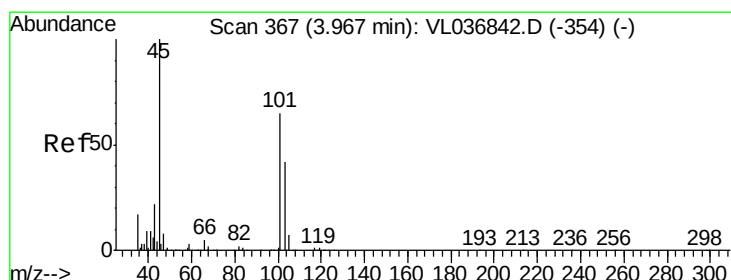
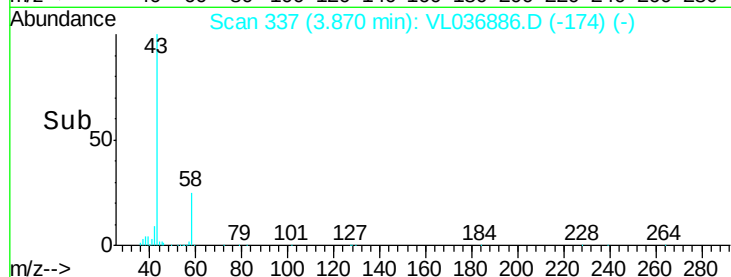
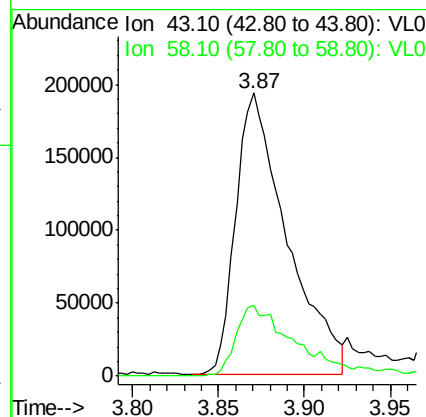
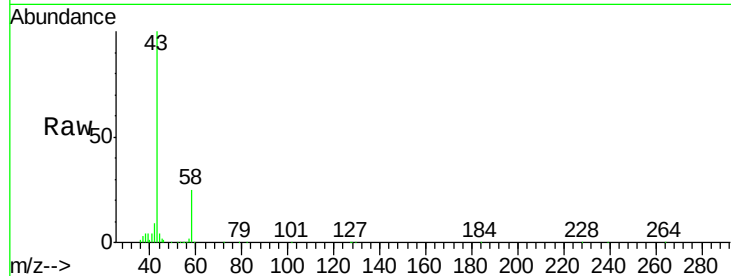
#15
Acetone
Concen: 2.969 ppbv
RT: 3.87 min Scan# 337
Delta R.T. 0.02 min
Lab File: VL036886.D
Acq: 28 Apr 2021 19:19

Instrument :
MSVOA_L
ClientSampleId :
DDC-2-EFFLUENTDL

Tot Ion: 43 Resp: 399824
Ion Ratio Lower Upper
43 100
58 29.9 21.7 32.5

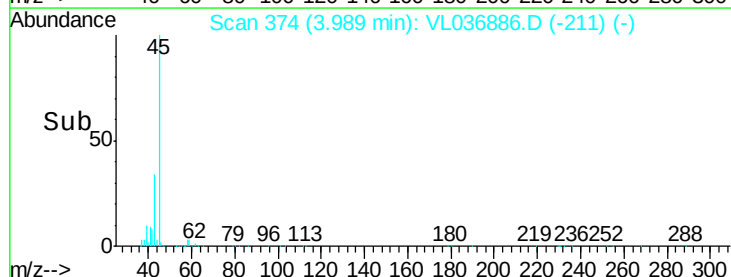
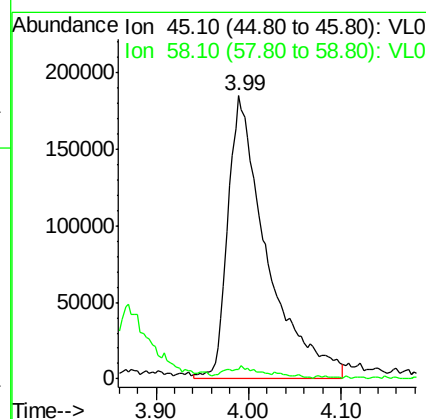
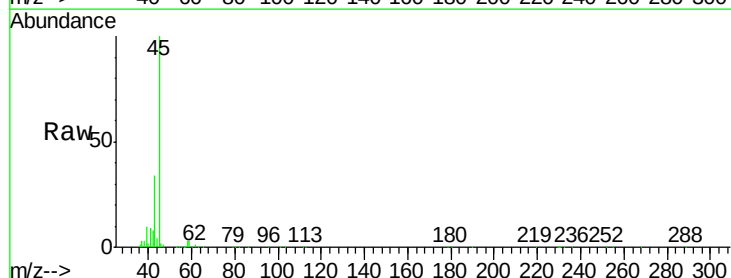
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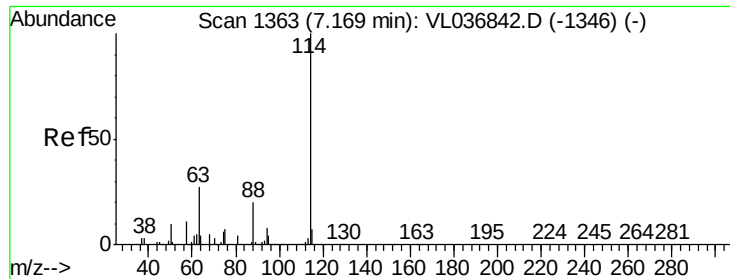
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#19
Isopropyl Alcohol
Concen: 8.155 ppbv m
RT: 3.99 min Scan# 374
Delta R.T. 0.02 min
Lab File: VL036886.D
Acq: 28 Apr 2021 19:19

Tgt Ion: 45 Resp: 544176
Ion Ratio Lower Upper
45 100
58 4.6 2.8 4.2#





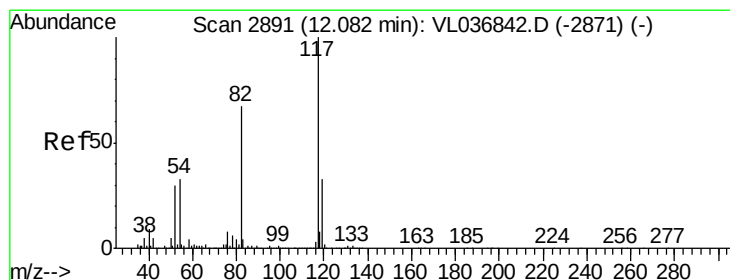
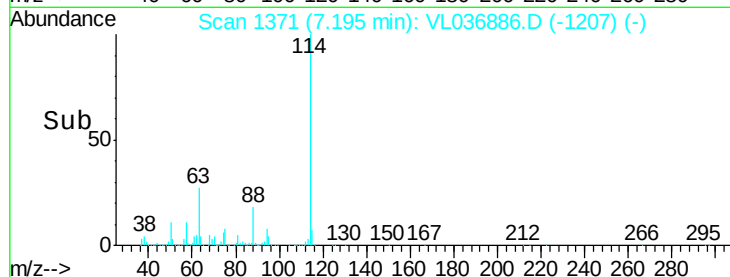
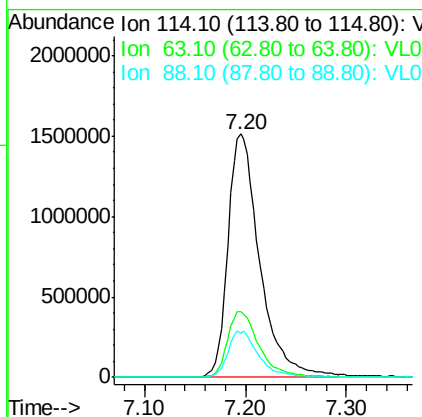
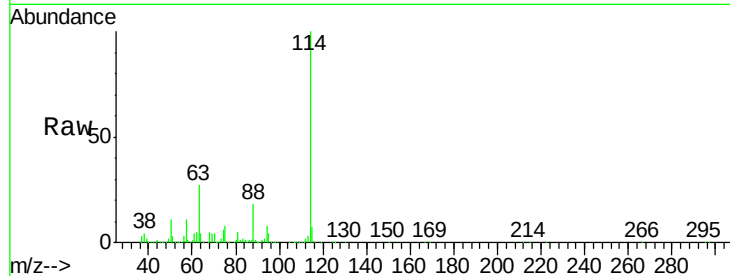
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1371
 Delta R.T. 0.03 min
 Lab File: VL036886.D
 Acq: 28 Apr 2021 19:19

Instrument :
 MSVOA_L
 ClientSampleId :
 DDC-2-EFFLUENTDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.5	21.9	32.9
88	18.7	15.1	22.7

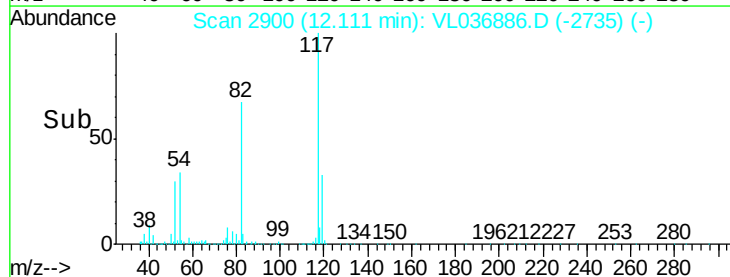
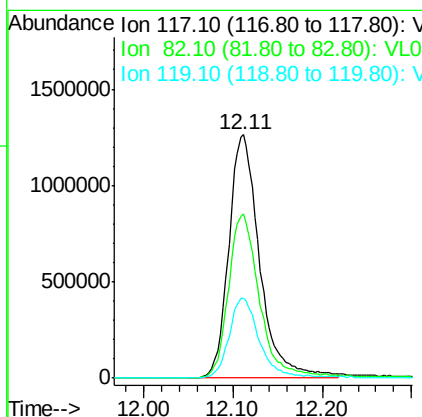
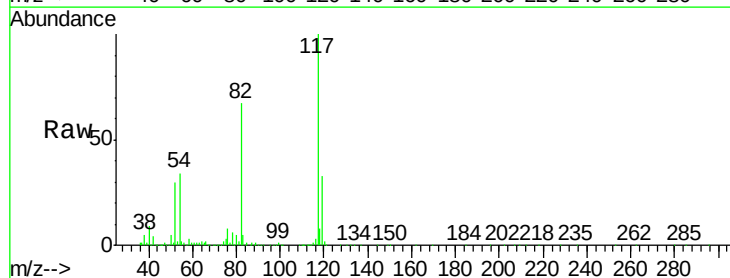
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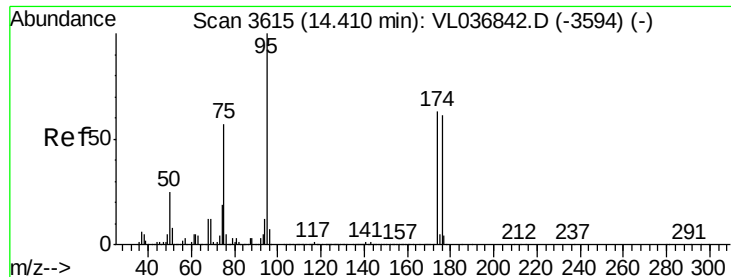
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.11 min Scan# 2900
 Delta R.T. 0.03 min
 Lab File: VL036886.D
 Acq: 28 Apr 2021 19:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.6	53.5	80.3
119	32.7	25.6	38.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.754 ppbv
 RT: 14.44 min Scan# 3625
 Delta R.T. 0.03 min
 Lab File: VL036886.D
 Acq: 28 Apr 2021 19:19

Instrument :
 MSVOA_L
 ClientSampleId :
 DDC-2-EFFLUENTDL

Tot Ion	Ratio	Lower	Upper
95	100		
174	65.0	52.2	78.2
175	4.6	4.0	6.0

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