

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022421\
 Data File : VL036352.D
 Acq On : 24 Feb 2021 16:01
 Operator : SY/AP
 Sample : M1463-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-9DL

Manual Integrations
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Quant Time: Feb 25 06:22:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1691563	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	3642595	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	3358332	10.00	ppbv	0.04

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.43	95	2651616	9.60	ppbv	0.04	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	22968m	0.293	ppbv	
13) Ethanol	3.63	45	33273m	2.261	ppbv	
15) Acetone	3.87	43	99008m	0.479	ppbv	
20) Methylene Chloride	4.35	84	132305	1.983	ppbv	93
26) Hexane	5.70	57	37246m	0.227	ppbv	

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

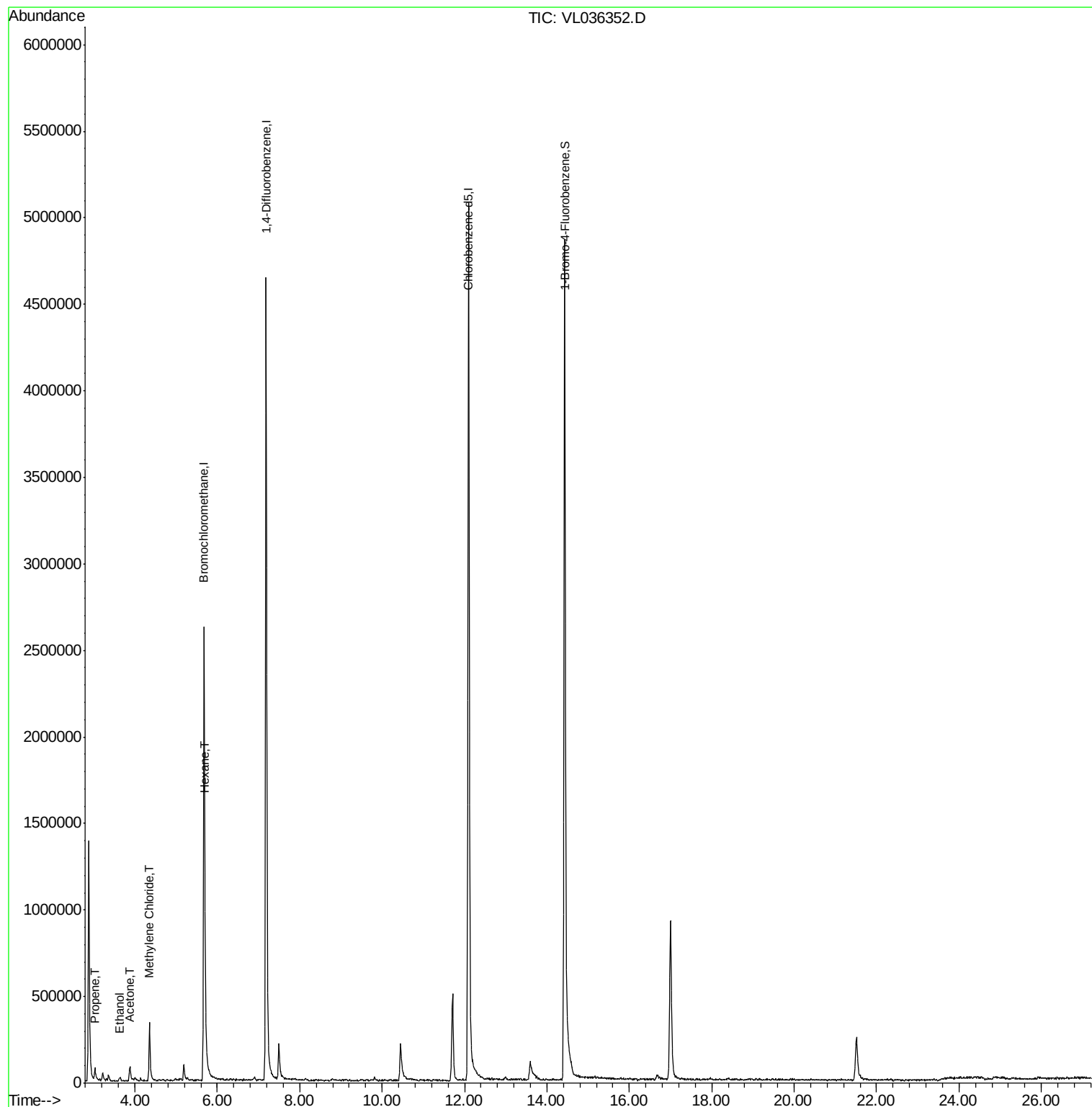
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL022421\
Data File : VL036352.D
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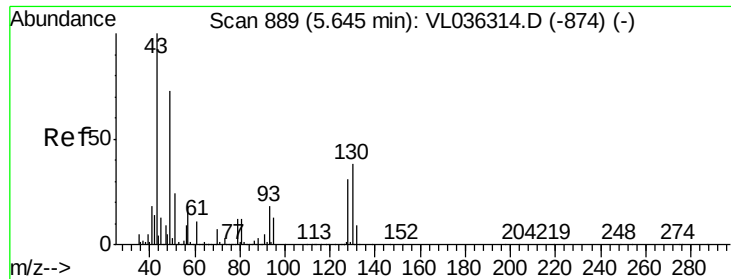
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Feb 25 06:22:45 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.03 min

Lab File: VL036352.D

Acq: 24 Feb 2021 16:01

Instrument :

MSVOA_L

ClientSampleId :

NS-9DL

Tot Ion: 49 Resp: 1691563

Ion Ratio Lower Upper

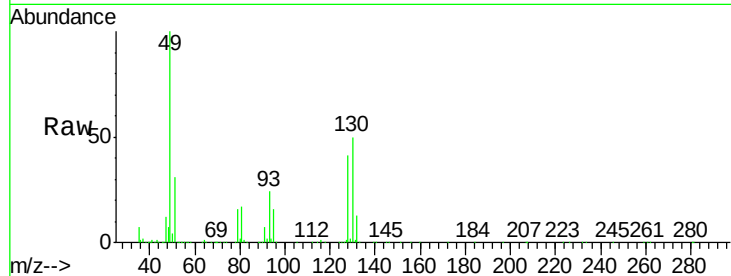
49 100

128 42.0 20.8 62.5

130 53.7 26.7 80.1

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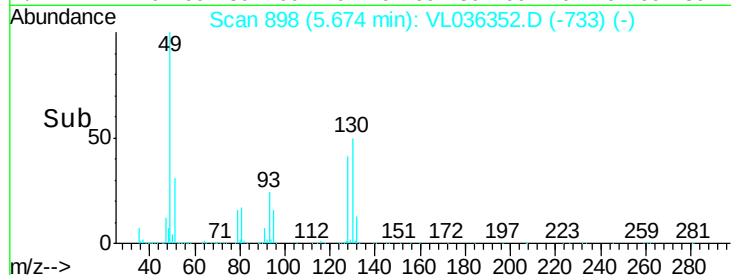


Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

Time-->



5.67

800000

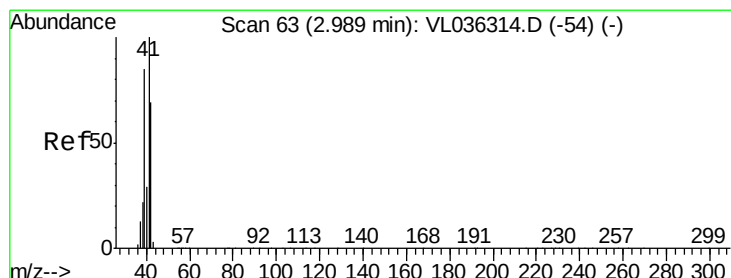
600000

400000

200000

0

5.60 5.70 5.80



#9

Propene

Concen: 0.293 ppbv m

RT: 3.02 min Scan# 73

Delta R.T. 0.03 min

Lab File: VL036352.D

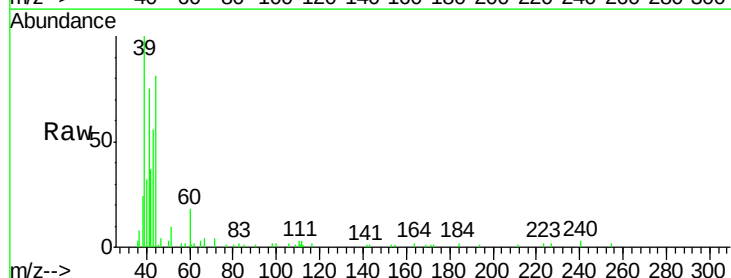
Acq: 24 Feb 2021 16:01

Tgt Ion: 41 Resp: 22968

Ion Ratio Lower Upper

41 100

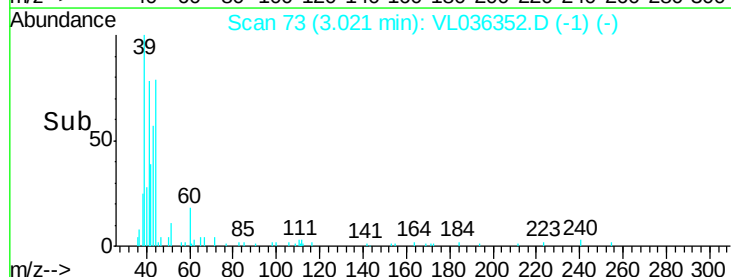
42 0.0 56.2 84.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Time-->



12000

10000

8000

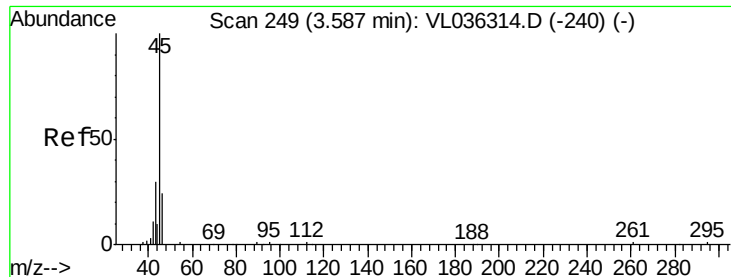
6000

4000

2000

0

3.00 3.05



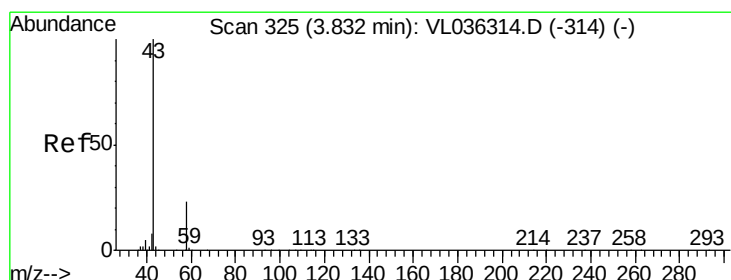
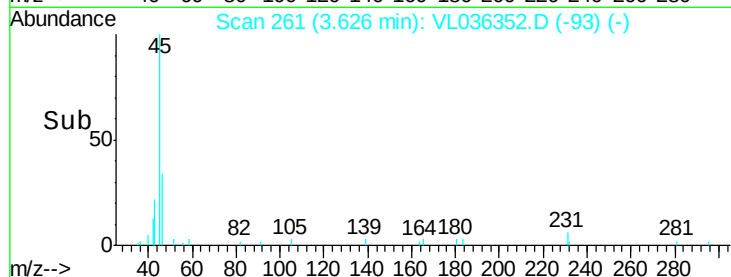
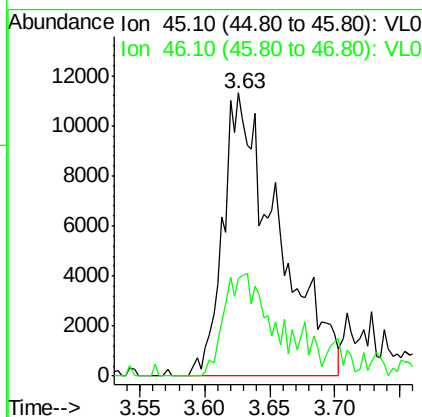
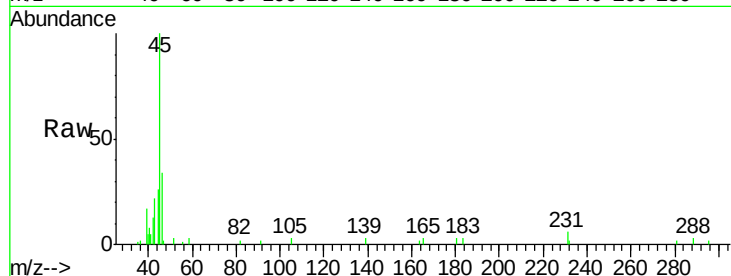
#13
Ethanol
Concen: 2.261 ppbv m
RT: 3.63 min Scan# 261
Delta R.T. 0.04 min
Lab File: VL036352.D
Acq: 24 Feb 2021 16:01

Instrument :
MSVOA_L
ClientSampleId :
NS-9DL

Tot Ion: 45 Resp: 33273
Ion Ratio Lower Upper
45 100
46 0.0 17.7 70.7#

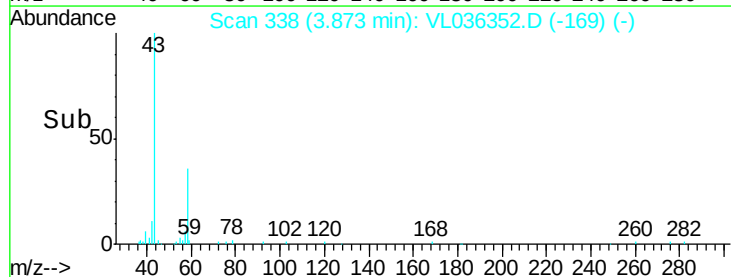
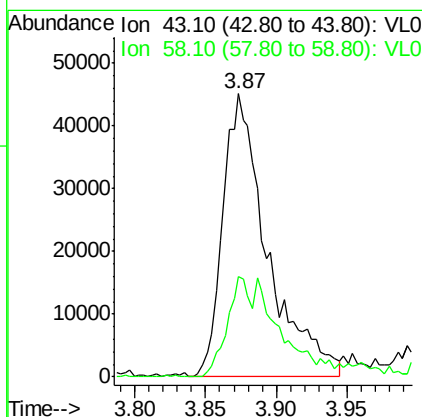
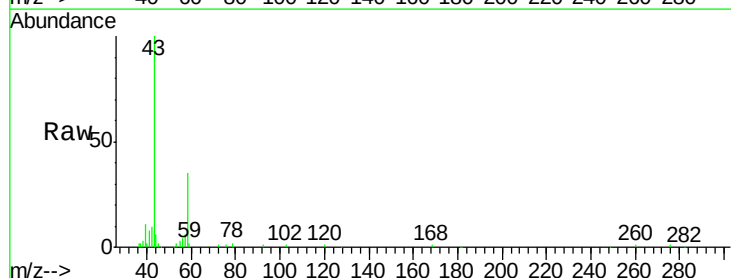
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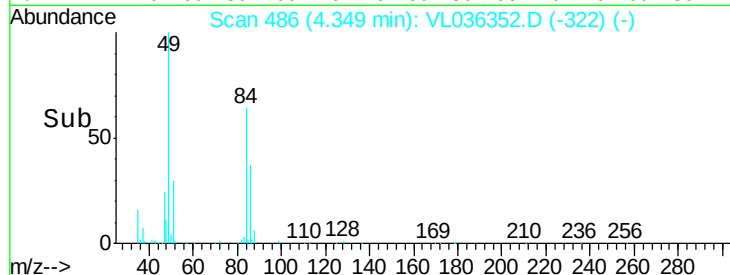
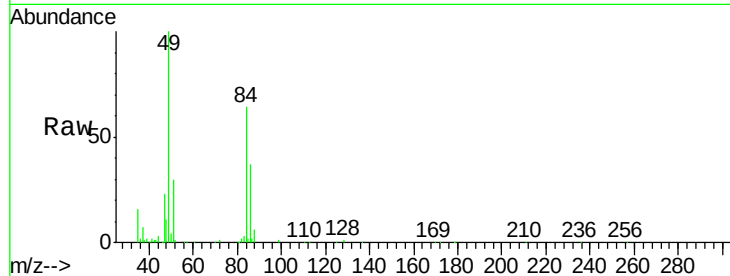
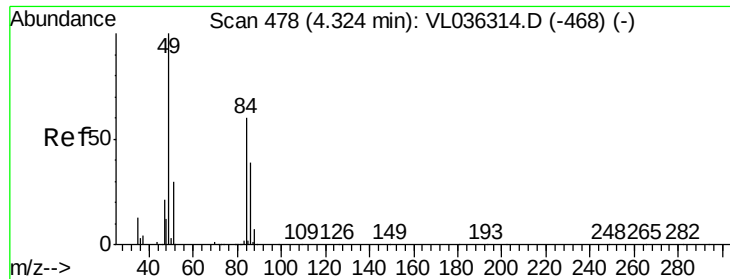
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#15
Acetone
Concen: 0.479 ppbv m
RT: 3.87 min Scan# 338
Delta R.T. 0.04 min
Lab File: VL036352.D
Acq: 24 Feb 2021 16:01

Tgt Ion: 43 Resp: 99008
Ion Ratio Lower Upper
43 100
58 43.3 20.3 30.5#





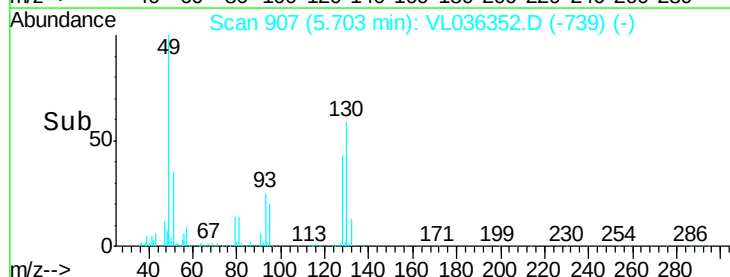
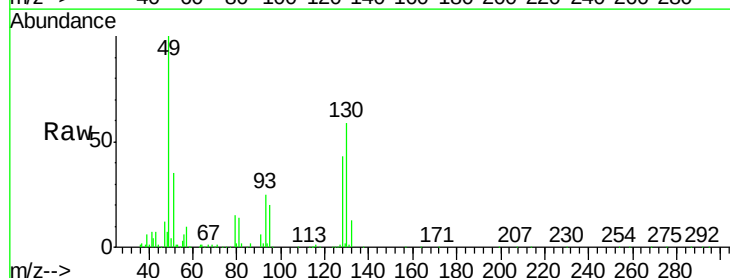
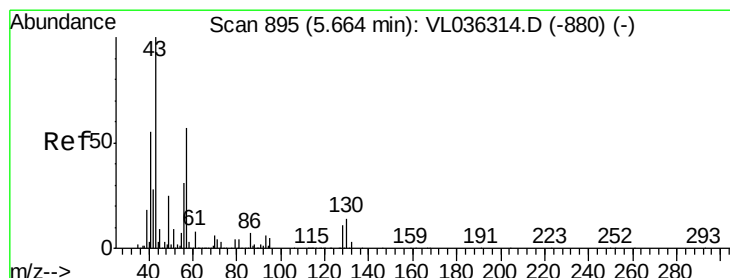
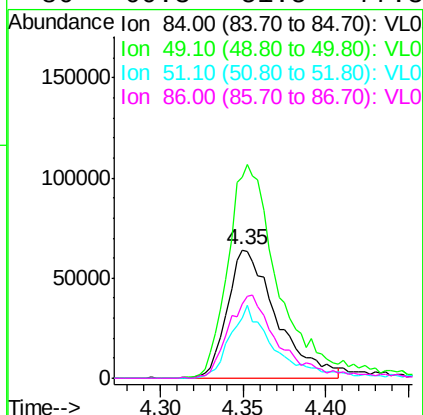
#20
Methvlene Chloride
Concen: 1.983 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.03 min
Lab File: VL036352.D
Acq: 24 Feb 2021 16:01

Tot Ion	84	Resp	132305
Ion	Ratio	Lower	Upper
84	100		
49	156.3	133.8	200.8
51	47.0	41.4	62.0
86	60.3	51.5	77.3

Instrument :
MSVOA_L
ClientSampleId :
NS-9DL

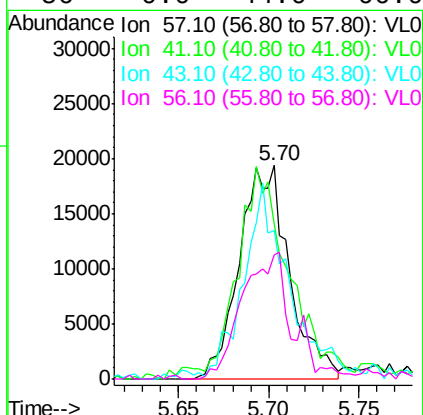
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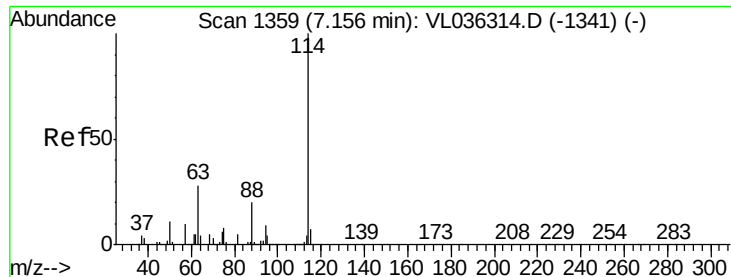
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#26
Hexane
Concen: 0.227 ppbv m
RT: 5.70 min Scan# 907
Delta R.T. 0.04 min
Lab File: VL036352.D
Acq: 24 Feb 2021 16:01

Tgt Ion	57	Resp	37246
Ion	Ratio	Lower	Upper
57	100		
41	104.9	81.7	122.5
43	89.5	199.1	298.7#
56	0.0	44.0	66.0#





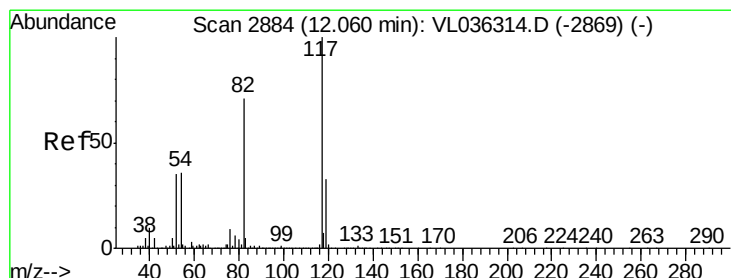
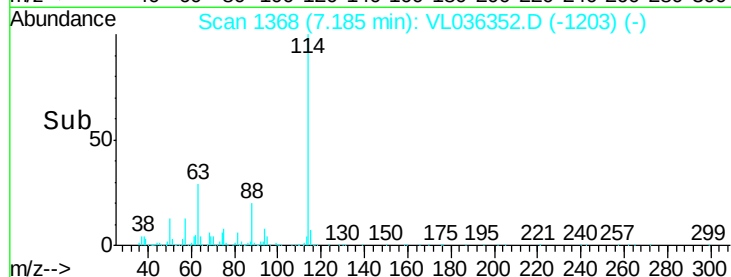
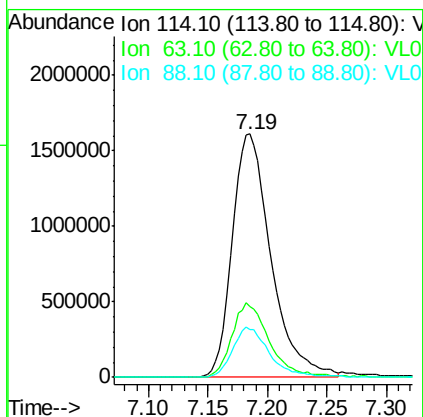
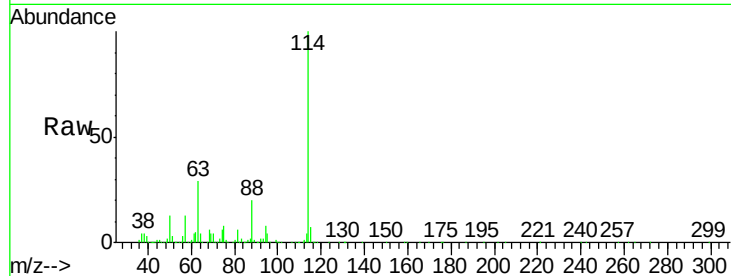
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. 0.03 min
 Lab File: VL036352.D
 Acq: 24 Feb 2021 16:01

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-9DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	30.2	24.1	36.1
88	19.9	16.0	24.0

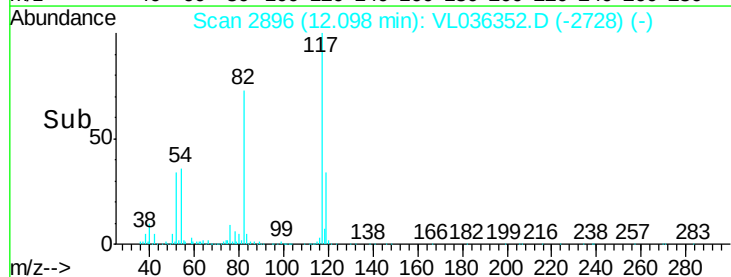
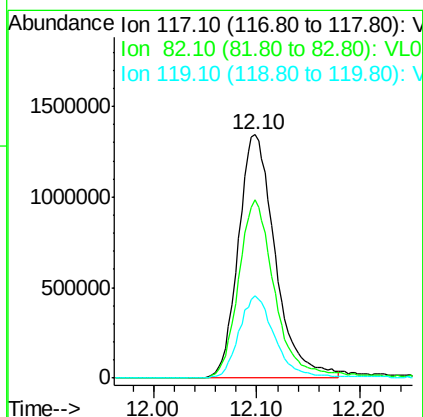
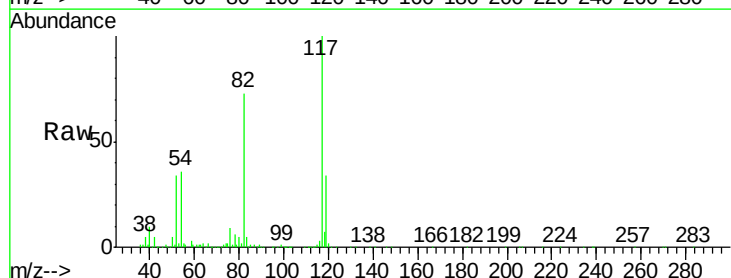
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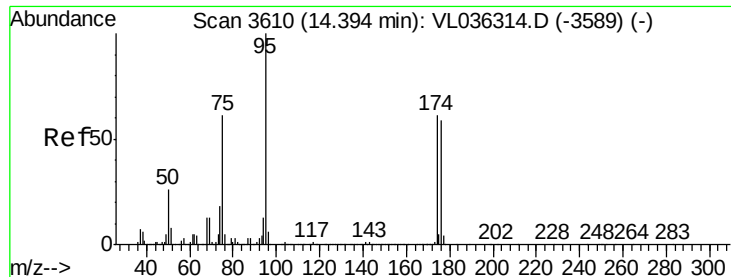
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2896
 Delta R.T. 0.04 min
 Lab File: VL036352.D
 Acq: 24 Feb 2021 16:01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	74.3	59.1	88.7
119	33.6	46.3	69.5#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.596 ppbv
 RT: 14.43 min Scan# 3621
 Delta R.T. 0.04 min
 Lab File: VL036352.D
 Acq: 24 Feb 2021 16:01

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-9DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	65.6	49.8	74.6
175	4.6	3.7	5.5

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