

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036858.D
 Acq On : 27 Apr 2021 15:13
 Operator : SY/AP
 Sample : M2174-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/28/2021
 Supervised By : Mahesh Dadoda 04/29/2021

Quant Time: Apr 28 06:27:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 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	5.67	49	1475190	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3460653	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3018357	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2438750	10.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	14620m	0.179	ppbv	
13) Ethanol	3.64	45	19842m	1.900	ppbv	
15) Acetone	3.87	43	108494	0.780	ppbv #	74
20) Methylene Chloride	4.35	84	188415	2.834	ppbv	98
26) Hexane	5.69	57	162877	1.025	ppbv #	43

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

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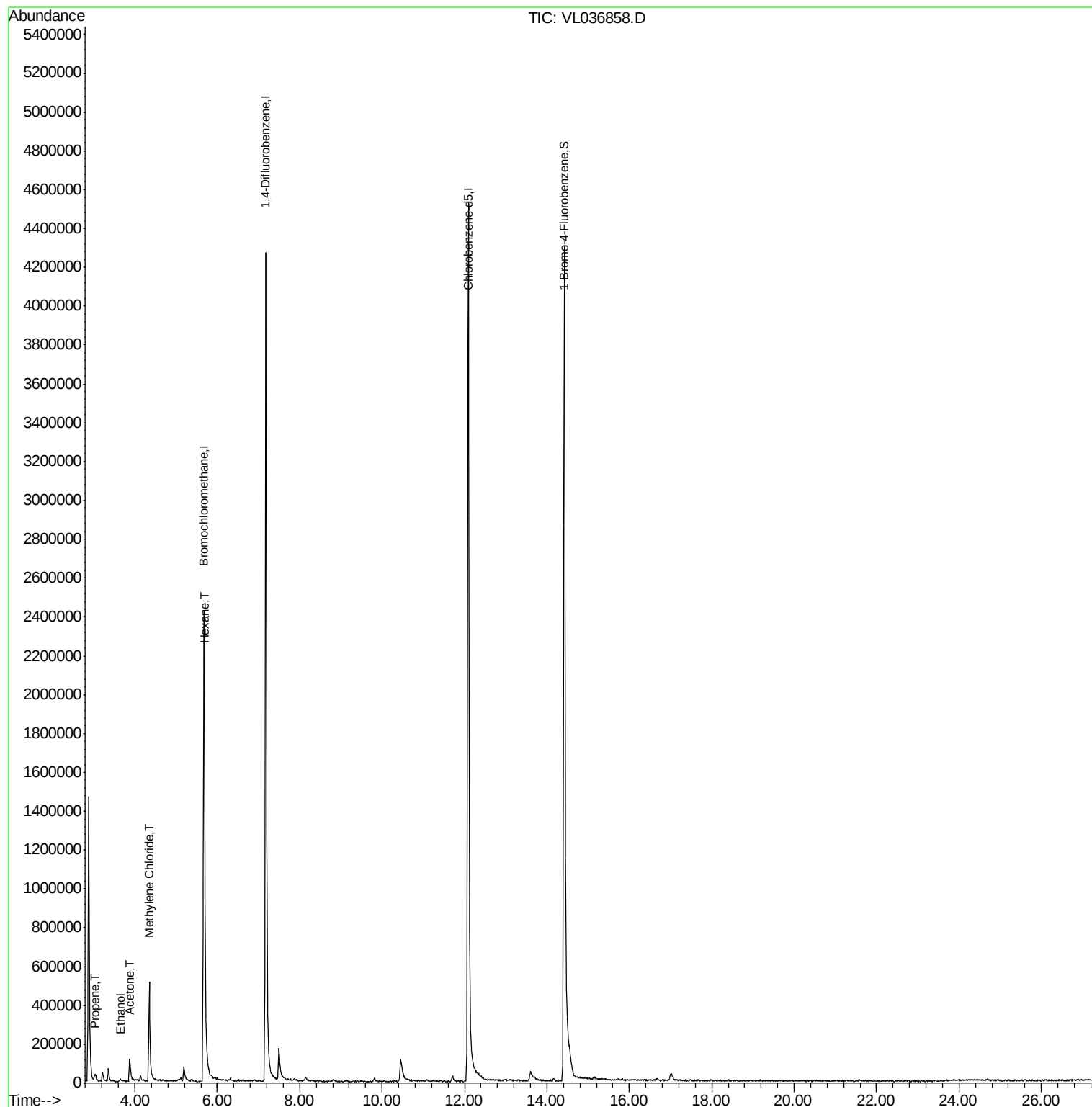
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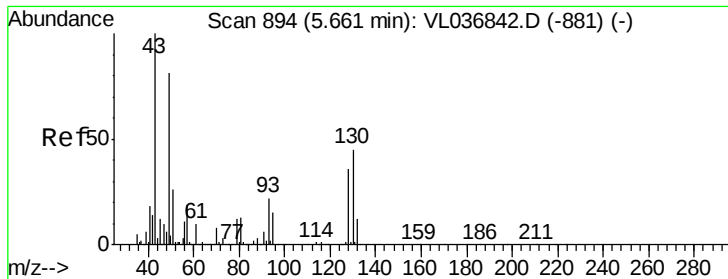
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Tue Apr 27 16:56:35 2021

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 15:13

Tot Ion:

Ion Ratio

49 100

128 46.

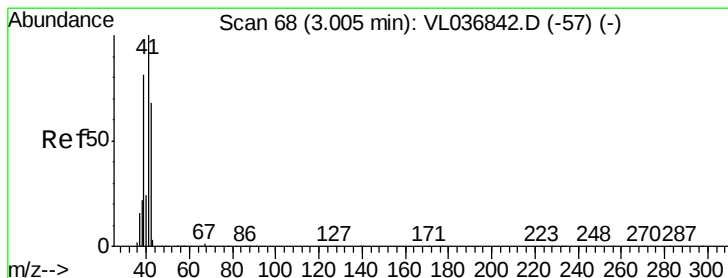
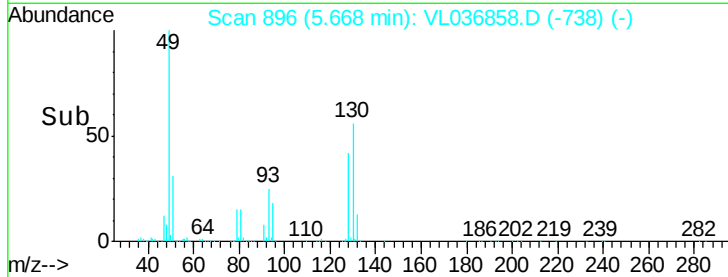
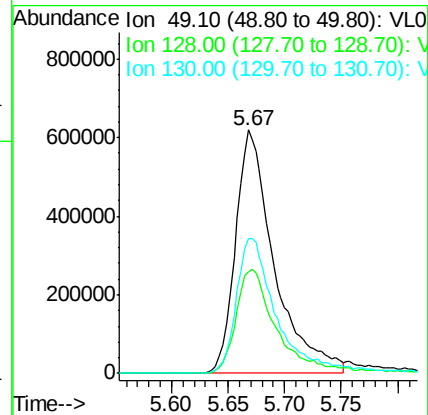
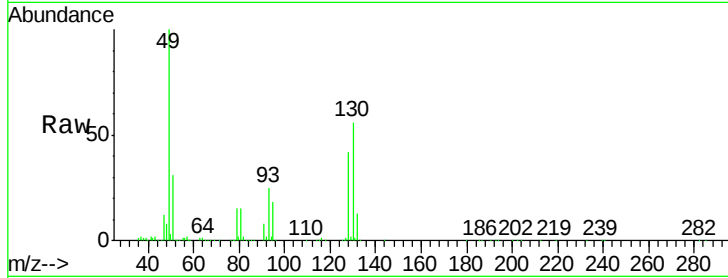
130 59.

Manual Integrations

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#9

Propene

Concen: 0.179 ppbv m

RT: 3.02 min Scan# 73

Delta R.T. 0.02 min

Lab File: VL036858.D

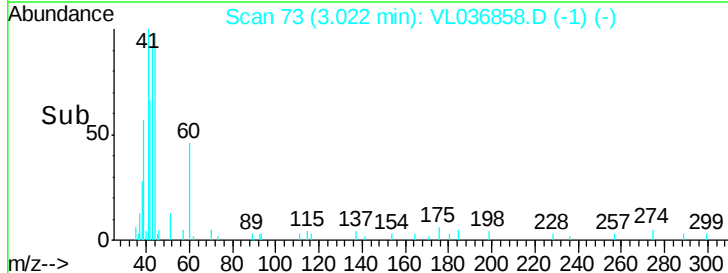
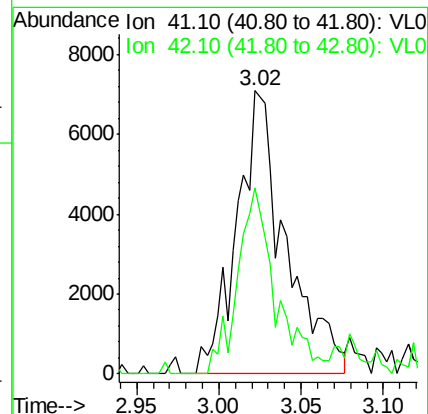
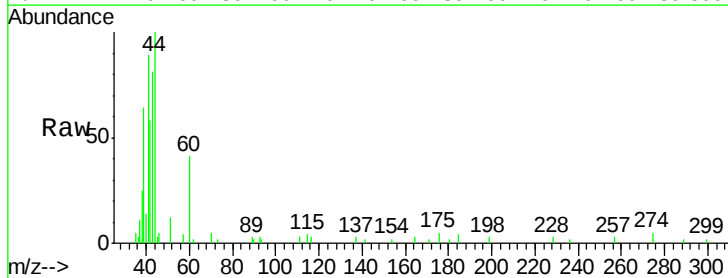
Acq: 27 Apr 2021 15:13

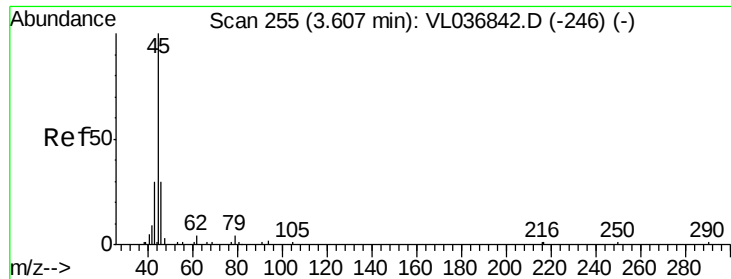
Tgt Ion: 41 Resp: 14620

Ion Ratio Lower Upper

41 100

42 0.0 56.0 84.0#



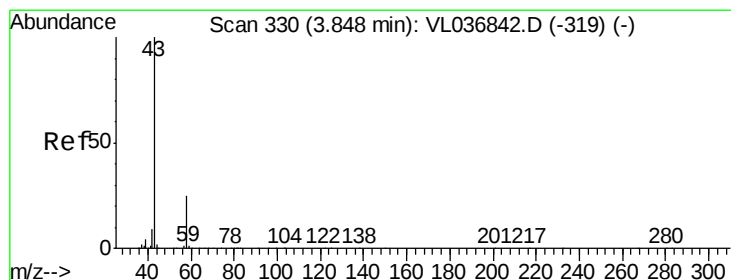
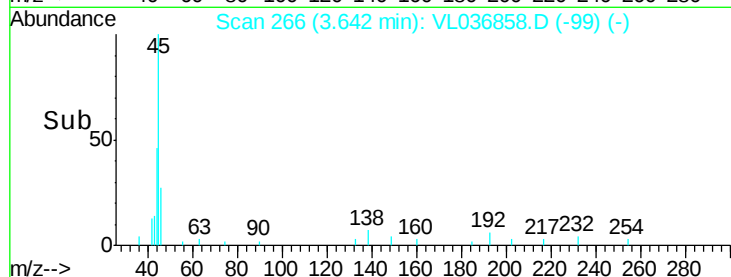
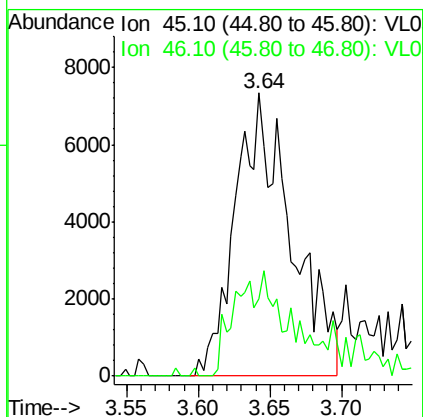
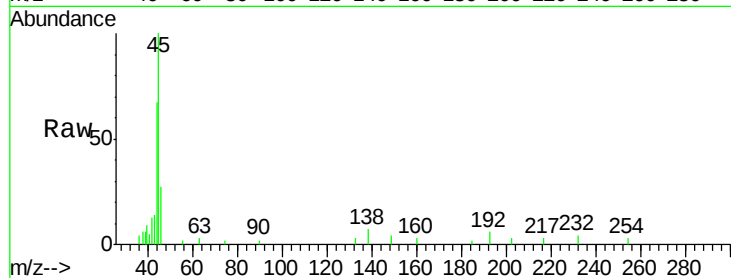


#13
Ethanol
Concen: 1.900 ppbv m
RT: 3.64
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 15:13

Tot Ion:
Ion Ratio
45 100
46 0.

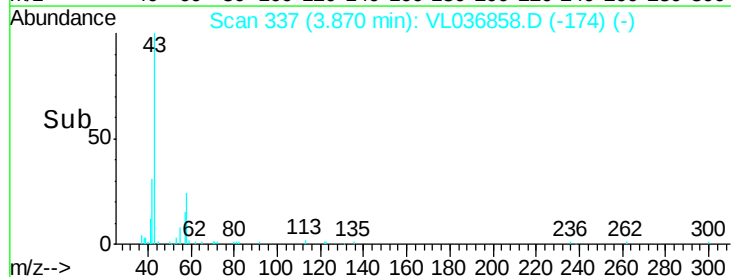
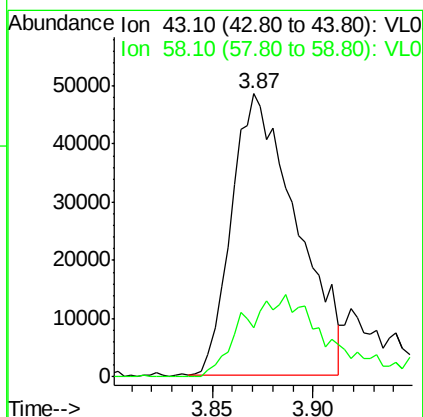
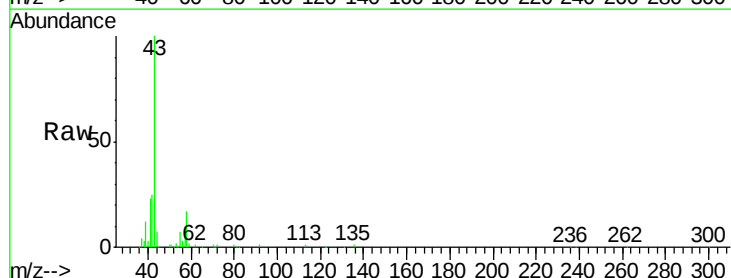
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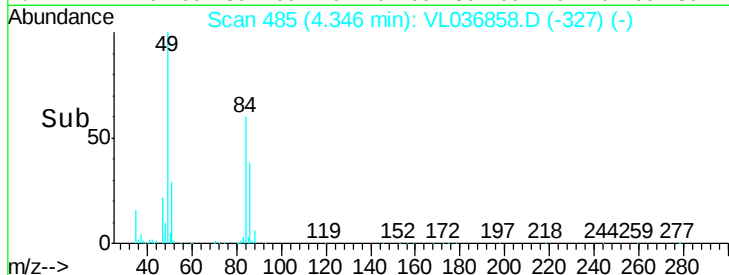
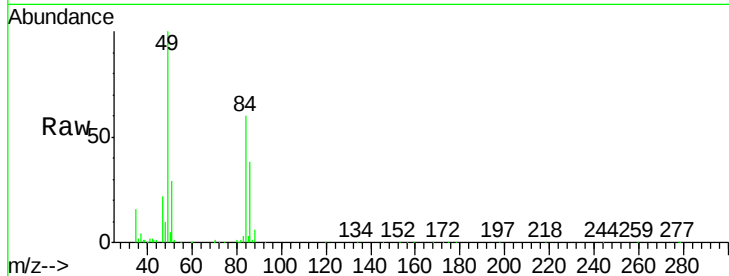
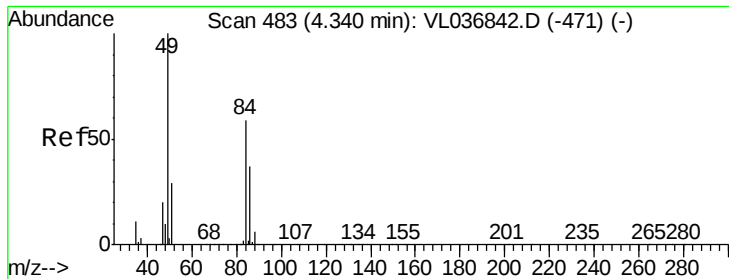
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#15
Acetone
Concen: 0.780 ppbv
RT: 3.87 min Scan# 337
Delta R.T. 0.02 min
Lab File: VL036858.D
Acq: 27 Apr 2021 15:13

Tgt Ion: 43 Resp: 108494
Ion Ratio Lower Upper
43 100
58 40.8 21.7 32.5#



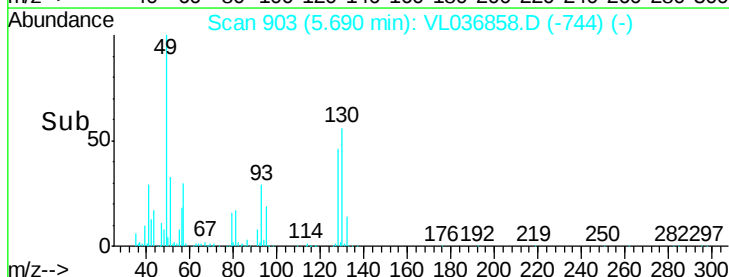
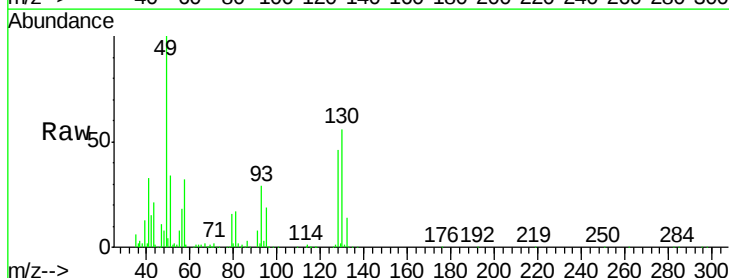
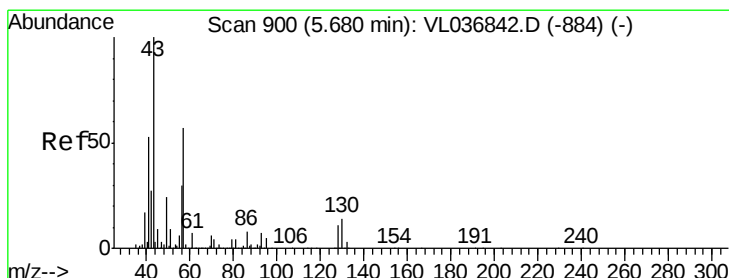
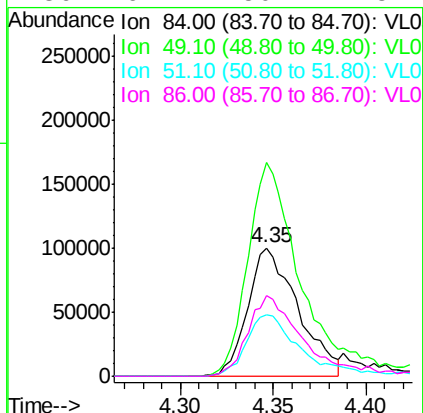


#20
Methvlene Chloride
Concen: 2.834 ppbv
RT: 4.35
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
Acq: 27 Apr 2021 15:13

Tot Ion:
Ion Ratio
84 100
49 166.
51 48.
86 62.4 50.2 75.2

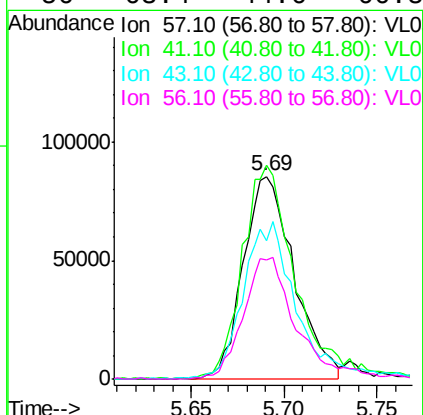
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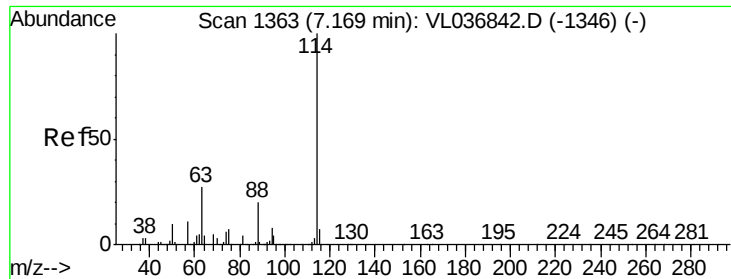
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#26
Hexane
Concen: 1.025 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL036858.D
Acq: 27 Apr 2021 15:13

Tgt Ion: 57 Resp: 162877
Ion Ratio Lower Upper
57 100
41 112.4 77.7 116.5
43 83.5 180.5 270.7#
56 63.4 44.6 66.8



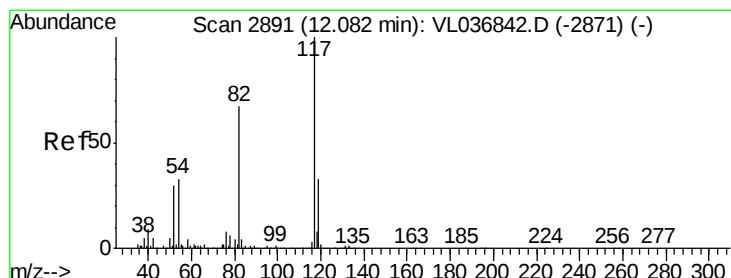
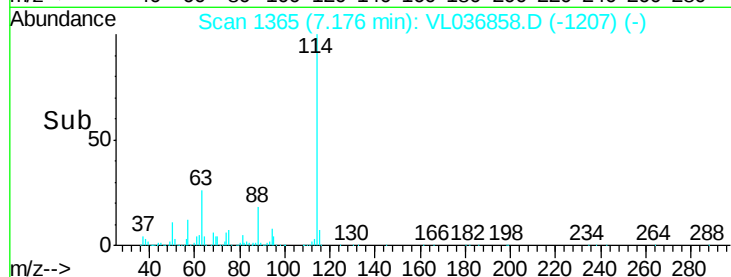
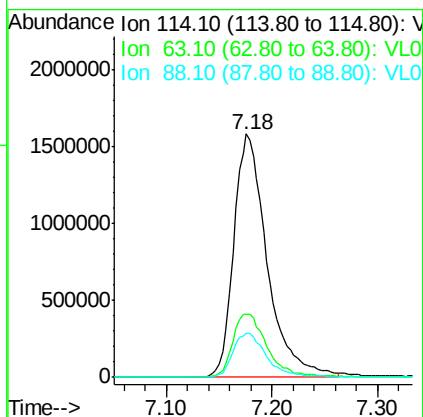
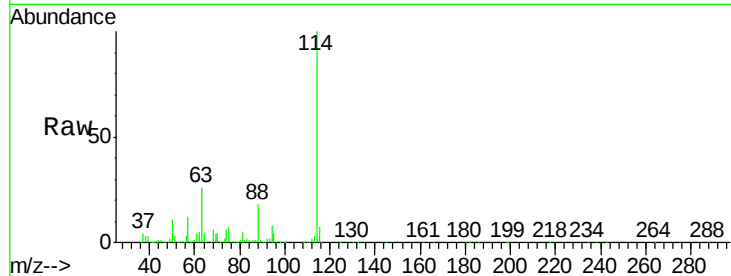


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 15:13

Tot Ion:1
 Ion Rati
 114 100
 63 27.
 88 18.

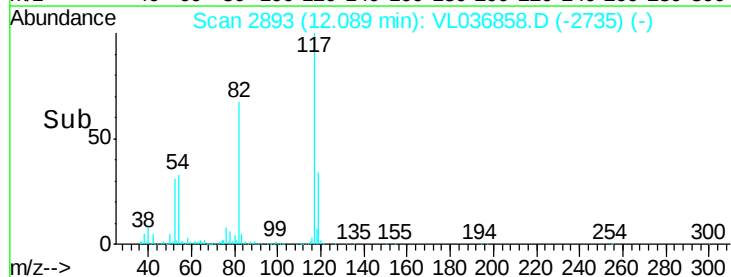
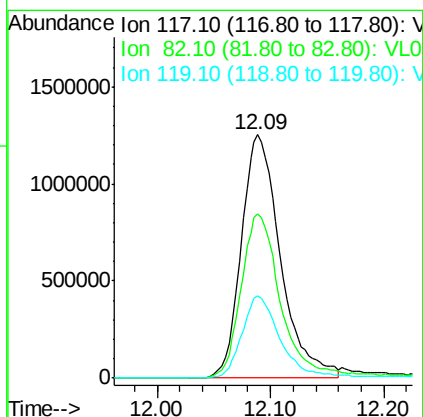
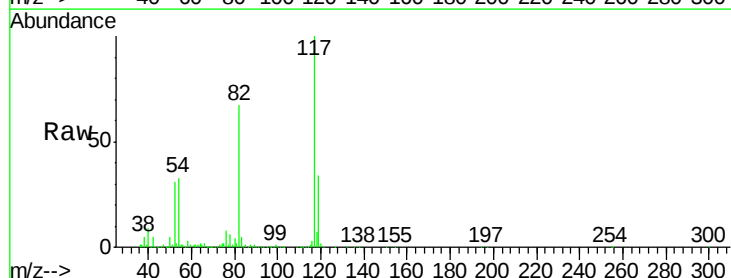
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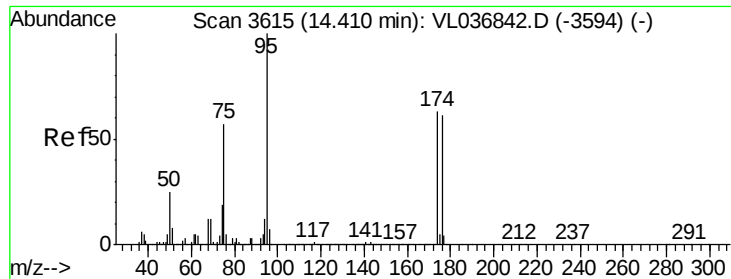
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2893
 Delta R.T.: 0.01 min
 Lab File: VL036858.D
 Acq: 27 Apr 2021 15:13

Tgt Ion:117 Resp: 3018357
 Ion Ratio Lower Upper
 117 100
 82 70.7 53.5 80.3
 119 34.2 25.6 38.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.065 ppbv
 RT: 14.42
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 15:15

Tot Ion:
 Ion Rati
 95 100
 174 64.
 175 4.

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