

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
 Data File : VL039209.D
 Acq On : 7 Jun 2022 14:52
 Operator : SY/AP
 Sample : N3199-01DL 20X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022

Quant Time: Jun 08 05:31:28 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1021336	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2722001	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2375140	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1837367	9.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	12626m	0.223	ppbv	
13) Ethanol	3.61	45	2355	0.762	ppbv	# 100
15) Acetone	3.87	43	54443m	0.512	ppbv	
20) Methylene Chloride	4.35	84	57118	1.274	ppbv	93
26) Hexane	5.69	57	70779m	0.672	ppbv	
29) Chloroform	5.74	83	21086m	0.119	ppbv	
34) 2-Butanone	5.27	43	39108m	0.264	ppbv	
52) Tetrachloroethene	11.21	164	40435m	0.469	ppbv	

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

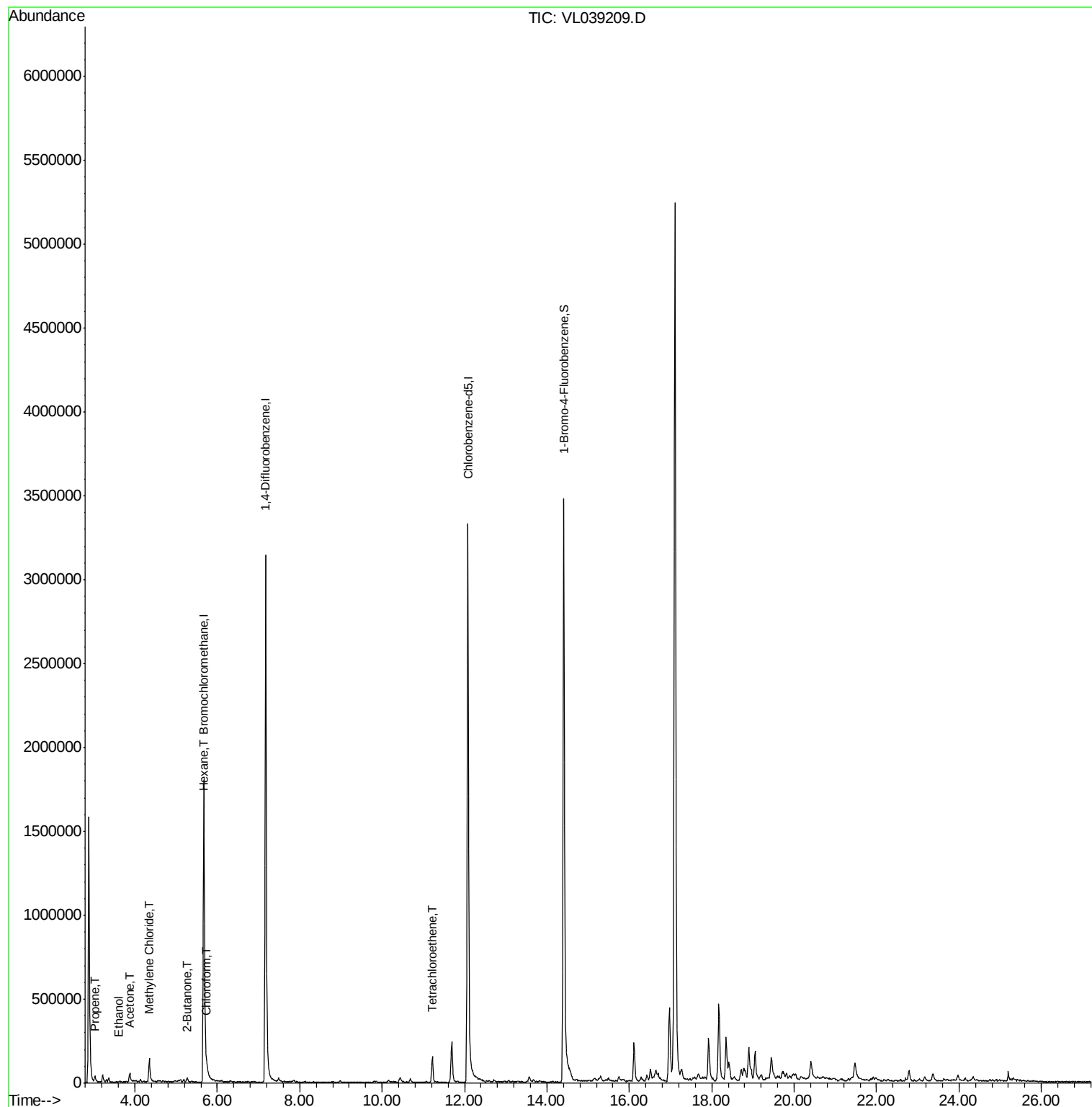
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL060722\
Data File : VL039209.D
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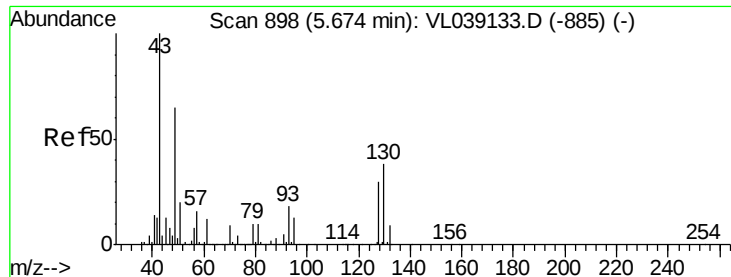
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Manual Integrations
APPROVED

Quant Time: Jun 08 05:31:28 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL053122
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 14:52

Tot Ion:

Ion Ratio

49 100

128 51.

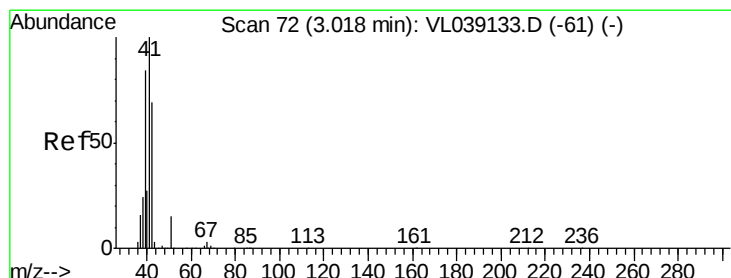
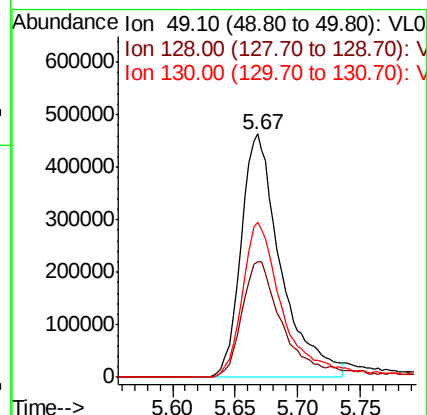
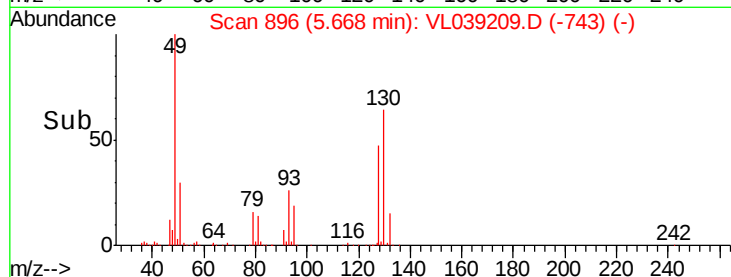
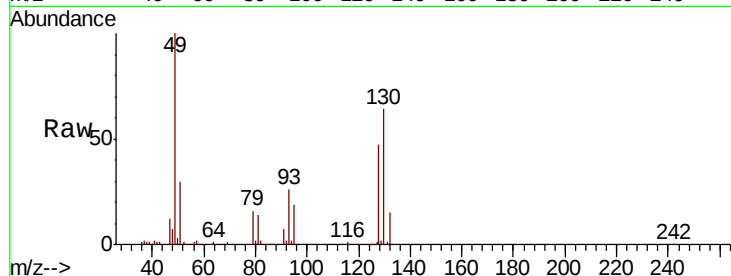
130 66.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#9

Propene

Concen: 0.223 ppbv m

RT: 3.02 min Scan# 74

Delta R.T. 0.01 min

Lab File: VL039209.D

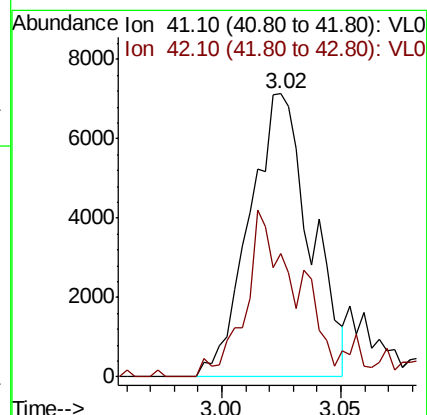
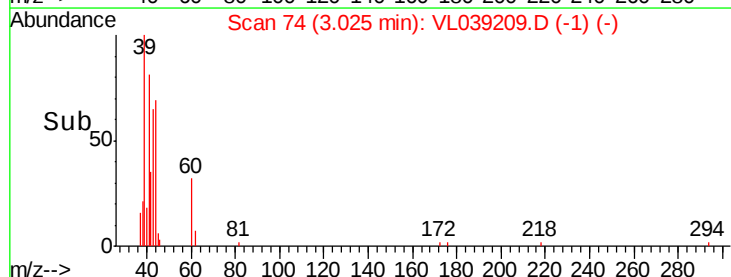
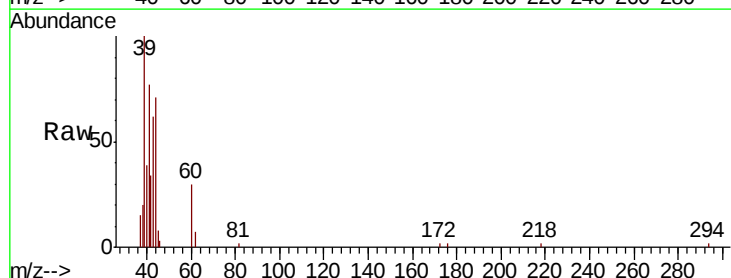
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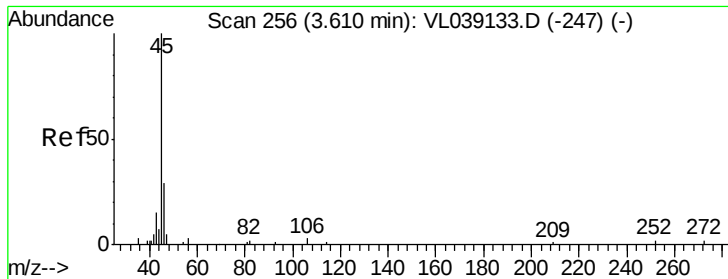
Tgt Ion: 41 Resp: 12626

Ion Ratio Lower Upper

41 100

42 57.6 55.4 83.2



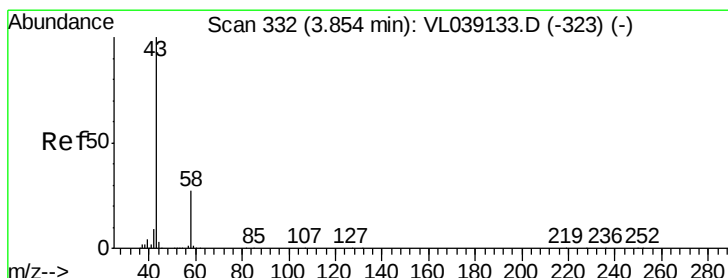
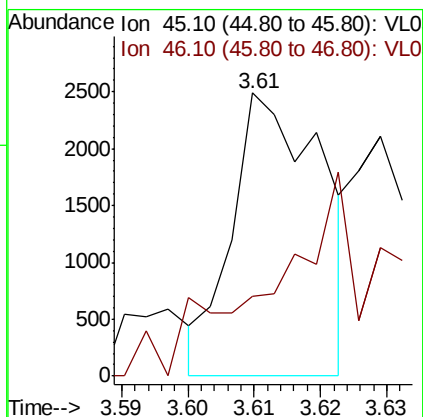
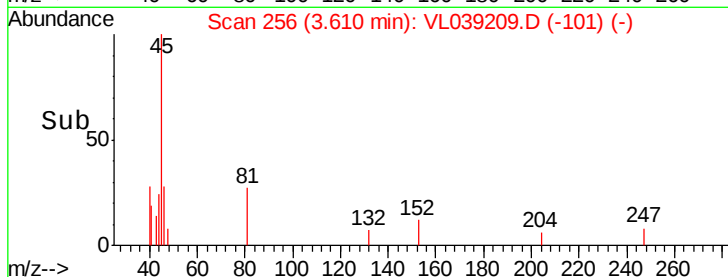
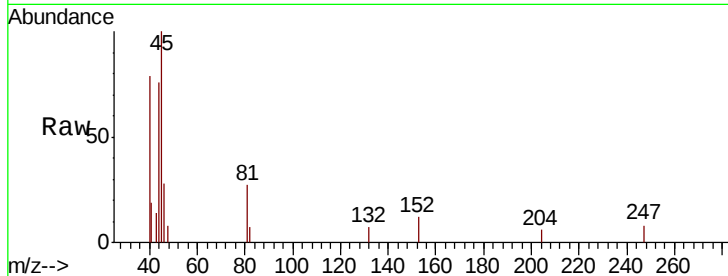


#13
Ethanol
Concen: 0.762 ppbv
RT: 3.61 min
Delta R.T.: 0.02 min
Lab File: VL039133.D
Acq: 7 Jun 2022 14:52

Tot Ion:
Ion Ratio
45 100
46 0.

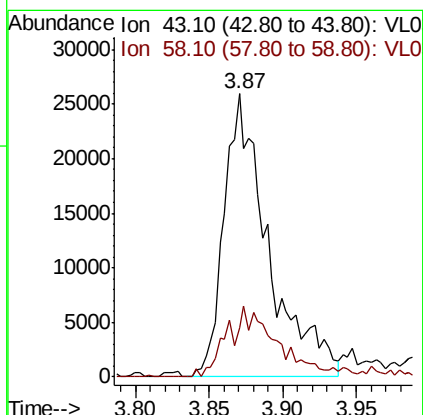
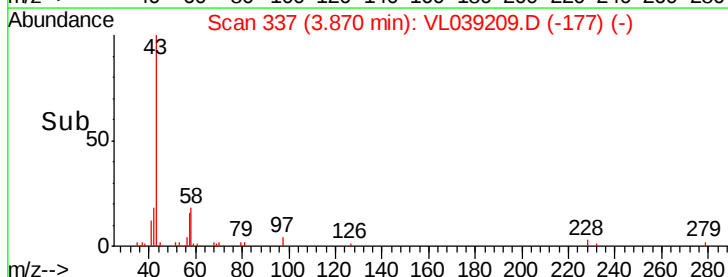
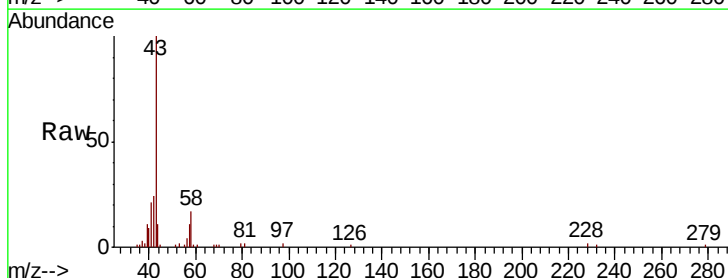
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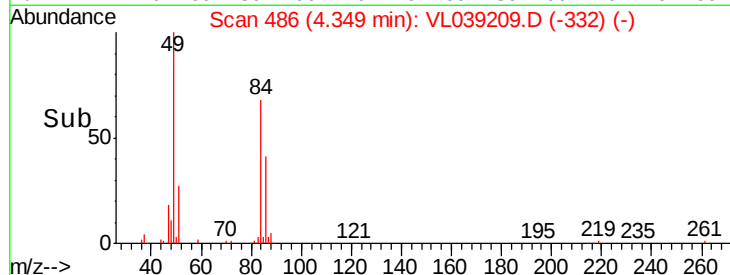
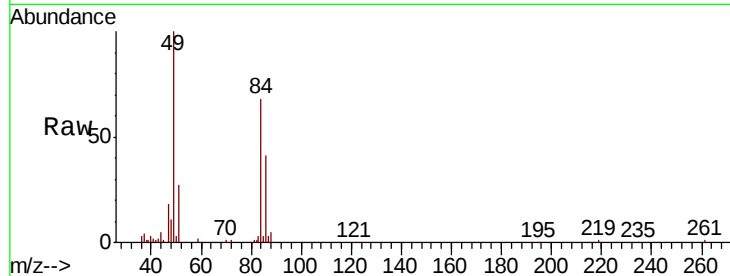
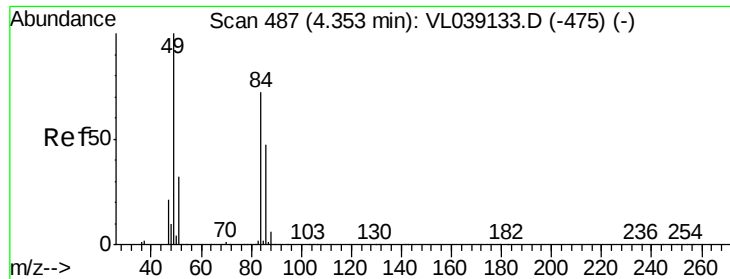
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#15
Acetone
Concen: 0.512 ppbv m
RT: 3.87 min Scan# 337
Delta R.T.: 0.02 min
Lab File: VL039209.D
Acq: 7 Jun 2022 14:52

Tgt Ion: 43 Resp: 54443
Ion Ratio Lower Upper
43 100
58 0.0 22.5 33.7#



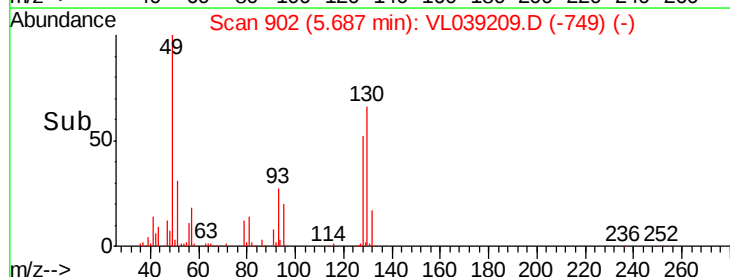
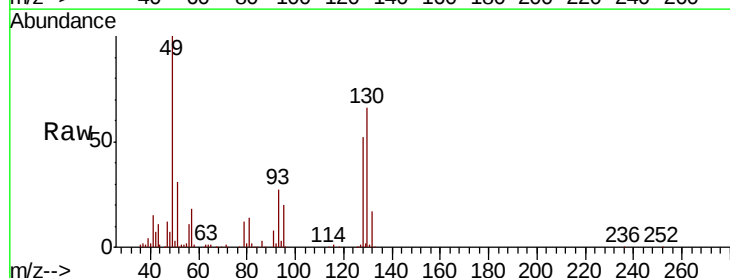
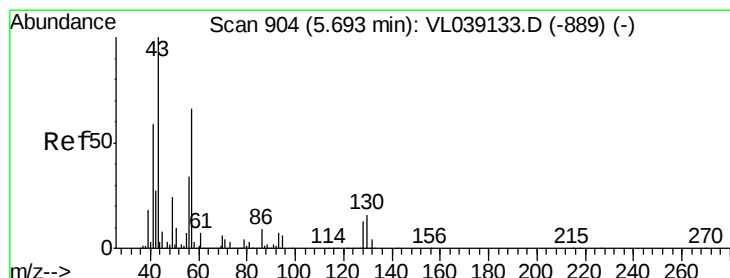
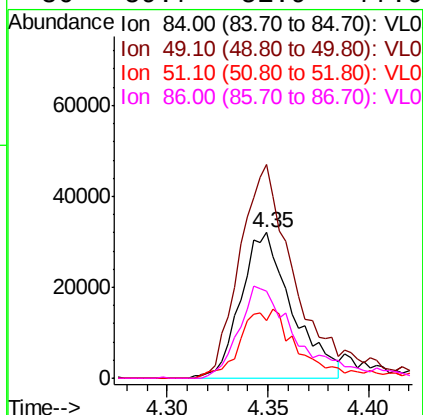


#20
Methvlene Chloride
Concen: 1.274 ppbv
RT: 4.35
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Jun 2022 14:52

Tot Ion:
Ion Ratio
84 100
49 146.
51 39.
86 59.7 51.9 77.9

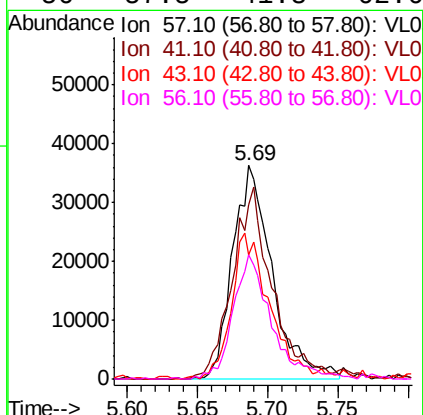
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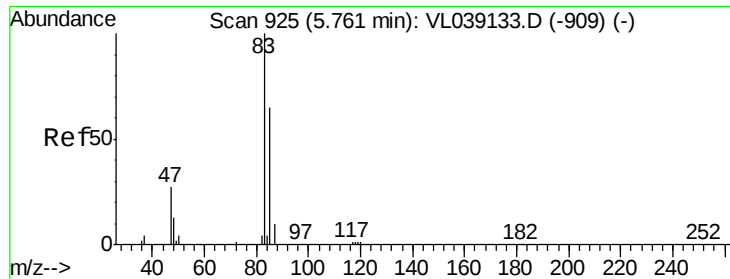
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#26
Hexane
Concen: 0.672 ppbv m
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL039209.D
Acq: 7 Jun 2022 14:52

Tgt Ion: 57 Resp: 70779
Ion Ratio Lower Upper
57 100
41 93.2 72.4 108.6
43 70.5 187.0 280.6#
56 57.5 41.8 62.6



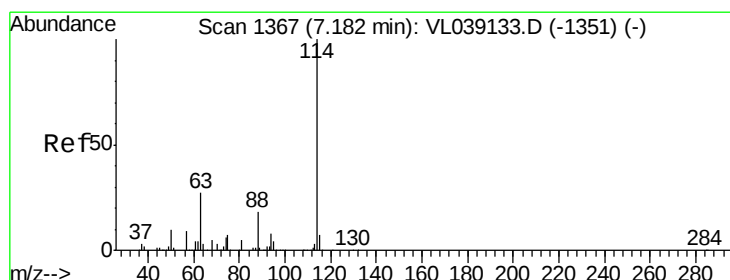
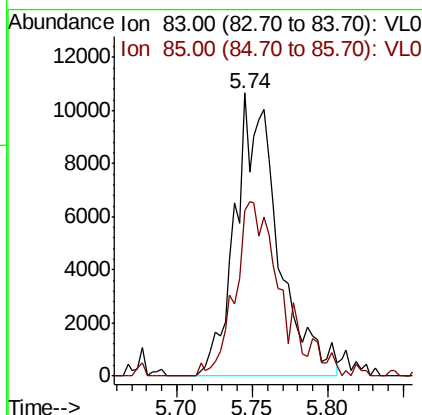
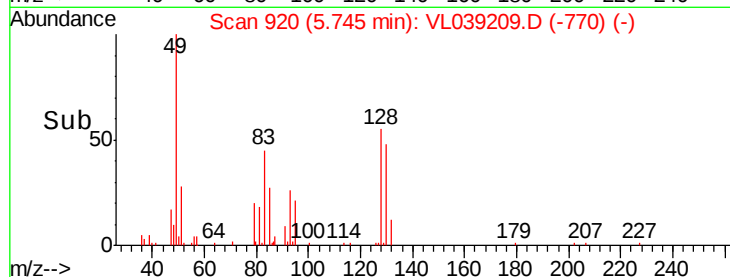
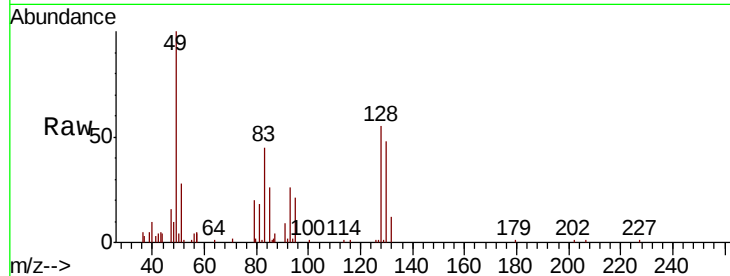


#29
Chloroform
Concen: 0.119 ppbv m
RT: 5.74
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 7 Jun 2022 14:52

Tot Ion:
Ion Ratio
83 100
85 58.

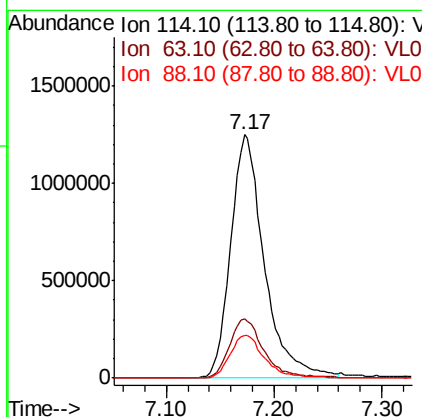
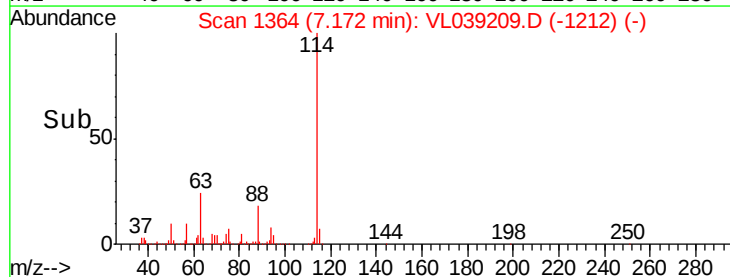
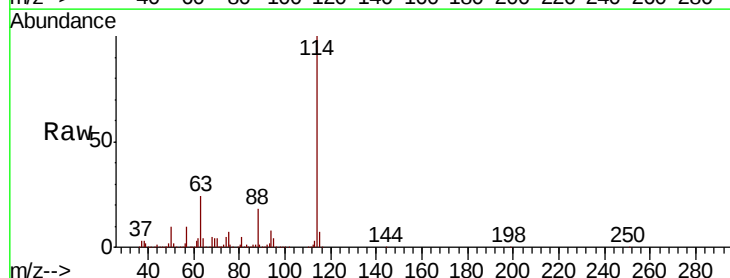
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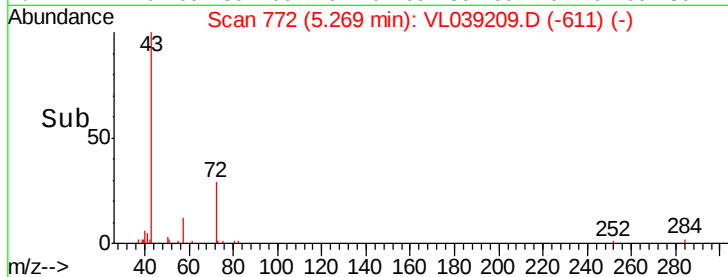
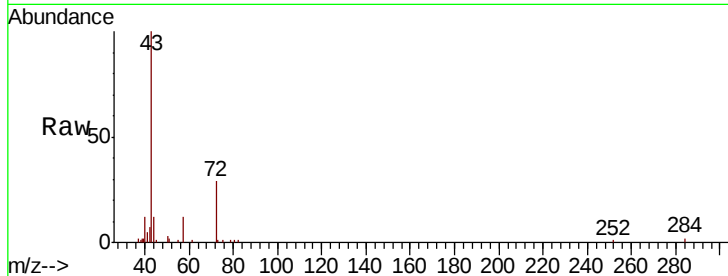
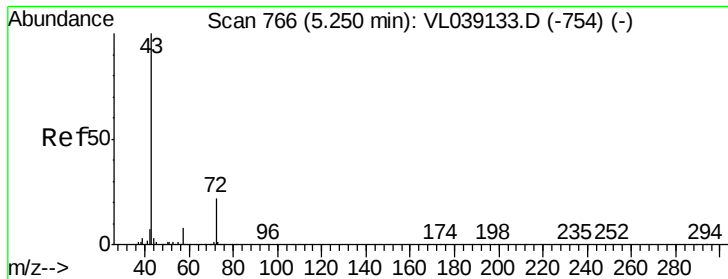
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL039209.D
Acq: 7 Jun 2022 14:52

Tgt Ion:114 Resp: 2722001
Ion Ratio Lower Upper
114 100
63 25.3 21.7 32.5
88 18.3 14.8 22.2



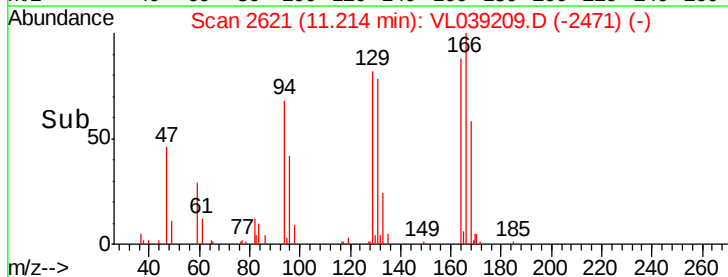
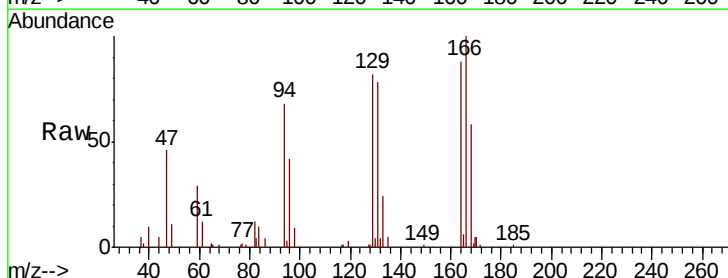
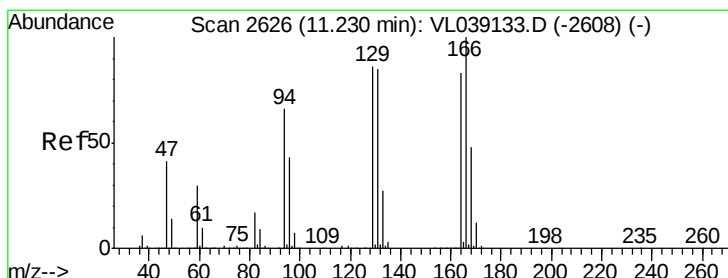
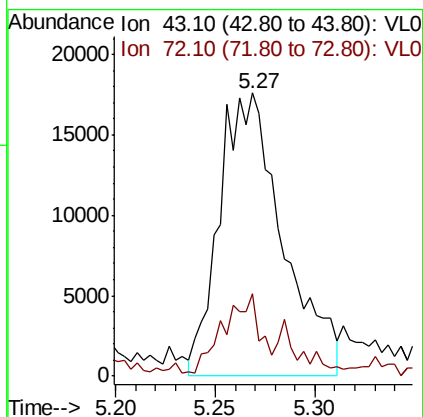


#34
2-Butanone
Concen: 0.264 ppbv m
RT: 5.27
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 7 Jun 2022 14:52

Tot Ion:
Ion Ratio
43 100
72 0.

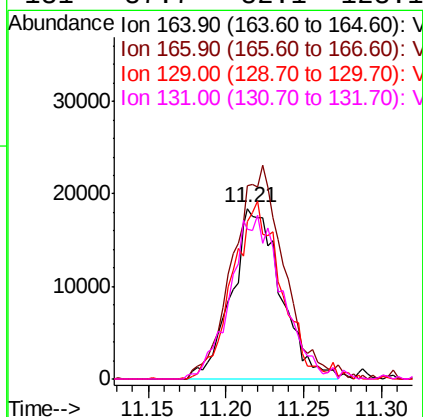
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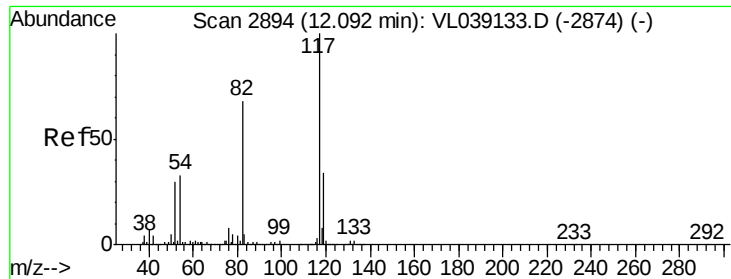
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#52
Tetrachloroethene
Concen: 0.469 ppbv m
RT: 11.21 min Scan# 2621
Delta R.T. -0.02 min
Lab File: VL039209.D
Acq: 7 Jun 2022 14:52

Tgt Ion:164 Resp: 40435
Ion Ratio Lower Upper
164 100
166 113.1 96.3 144.5
129 92.5 82.5 123.7
131 87.7 82.1 123.1



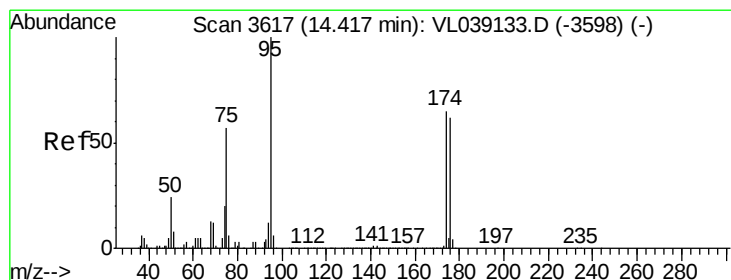
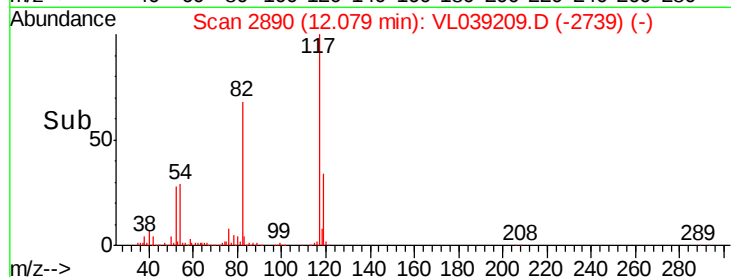
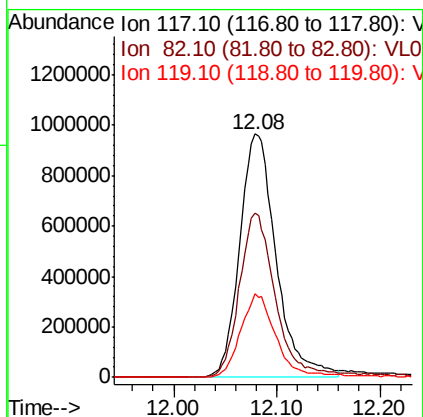
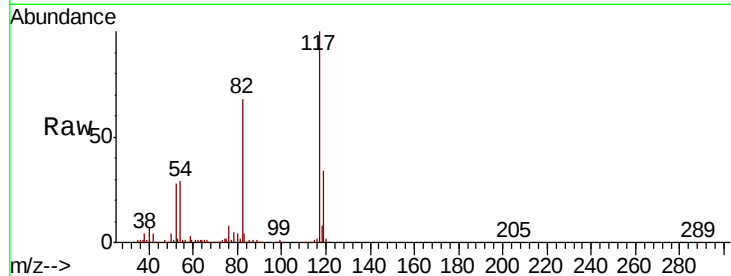


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
SV1DL
Acq: 7 Jun 2022 14:52

Tot Ion:1
Ion Rati
117 100
82 69.
119 34.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.357 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. -0.01 min
Lab File: VL039209.D
Acq: 7 Jun 2022 14:52

Tgt Ion: 95 Resp: 1837367
Ion Ratio Lower Upper
95 100
174 71.1 53.8 80.8
175 5.1 4.1 6.1

