

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
 Data File : VL041142.D
 Acq On : 5 Apr 2024 2:16
 Operator : SY/MD
 Sample : P1986-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

Quant Time: Apr 05 05:16:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Apr 05 04:49:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.211	49	1338329	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	3772156	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	3348079	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	2586311	9.606	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.100%
Target Compounds						
					Qvalue	
15) Acetone	3.501	43	66872	0.461	ppbv #	63
20) Methylene Chloride	3.948	84	10043	0.168	ppbv #	83
26) Hexane	5.224	57	12698m	0.104	ppbv	
34) 2-Butanone	4.819	43	121797	0.763	ppbv	97
51) 2-Hexanone	9.597	43	36176m	0.186	ppbv	

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

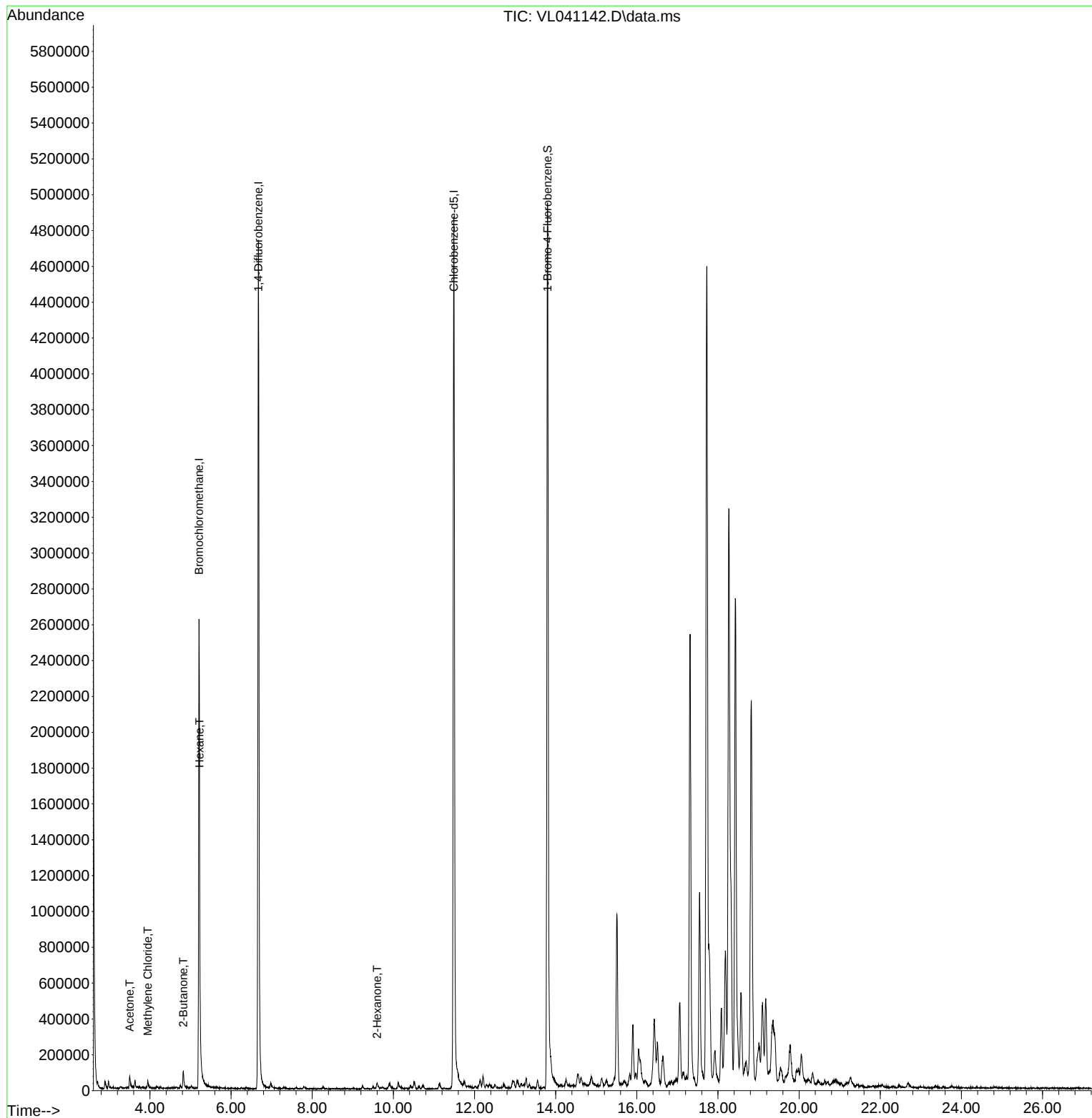
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
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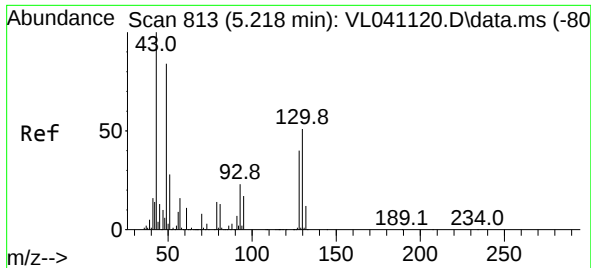
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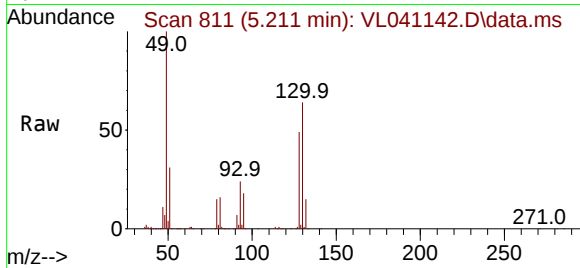
Quant Time: Apr 05 05:16:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Apr 05 04:49:46 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 813
Delta R.T. -0.007 min
Lab File: VL041142.D
Acq: 5 Apr 2024 2:16

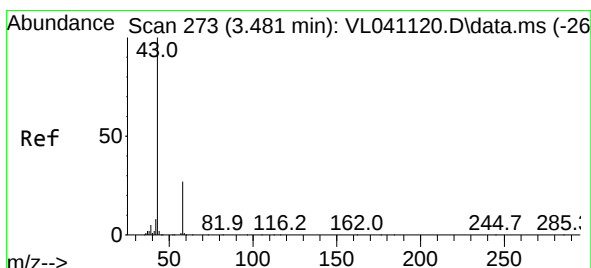
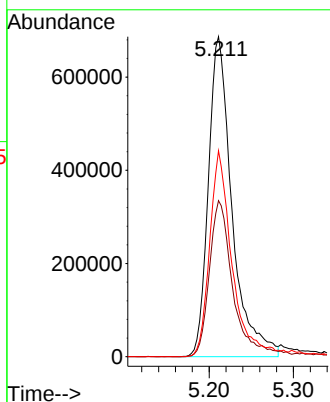
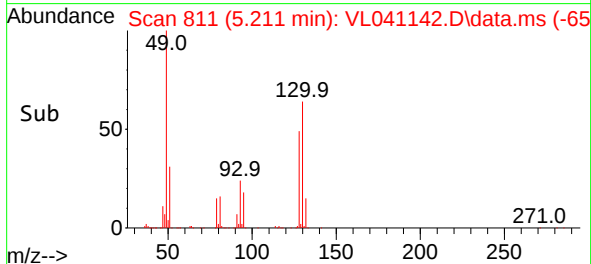
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



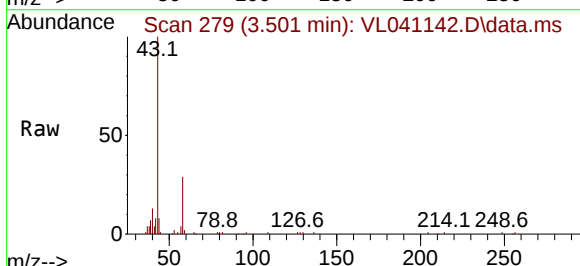
Tgt Ion: 49 Resp: 1338329
Ion Ratio Lower Upper
49 100
128 50.8 23.6 71.0
130 64.2 30.1 90.5

Manual Integrations
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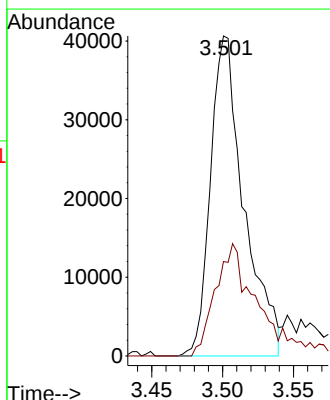
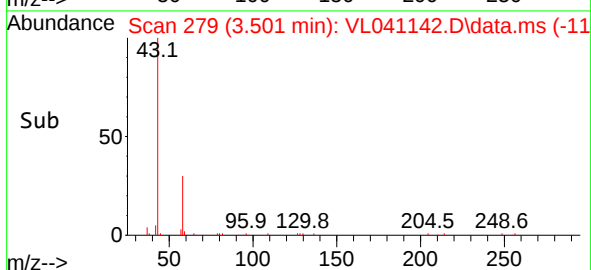
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

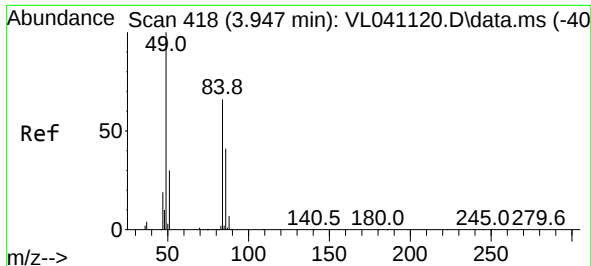


#15
Acetone
Concen: 0.461 ppbv
RT: 3.501 min Scan# 279
Delta R.T. 0.019 min
Lab File: VL041142.D
Acq: 5 Apr 2024 2:16



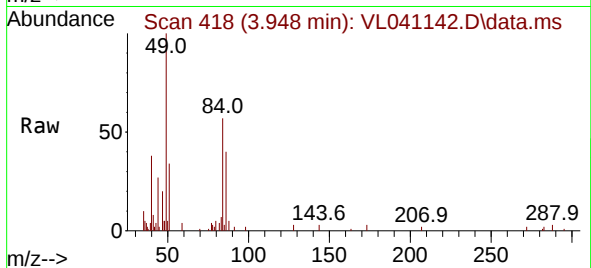
Tgt Ion: 43 Resp: 66872
Ion Ratio Lower Upper
43 100
58 45.1 21.1 31.7#





#20
Methylene Chloride
Concen: 0.168 ppbv
RT: 3.948 min Scan# 418
Delta R.T. 0.000 min
Lab File: VL041142.D
Acq: 5 Apr 2024 2:16

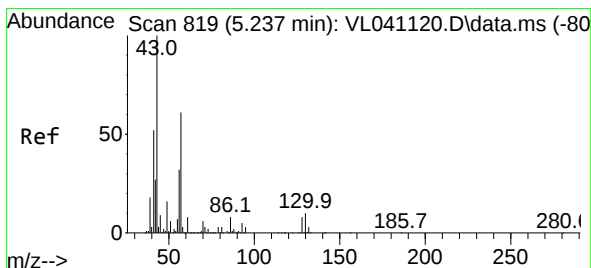
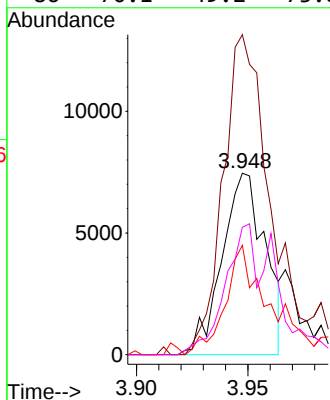
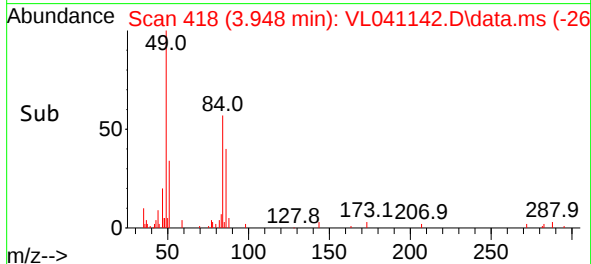
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



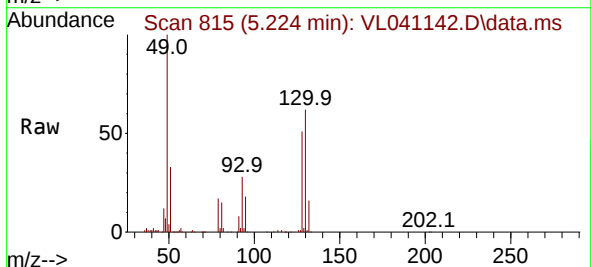
Tgt Ion: 84 Resp: 1004
Ion Ratio Lower Upper
84 100
49 176.3 120.7 181.1
51 56.7 36.6 54.8
86 70.1 49.2 73.8

Manual Integrations
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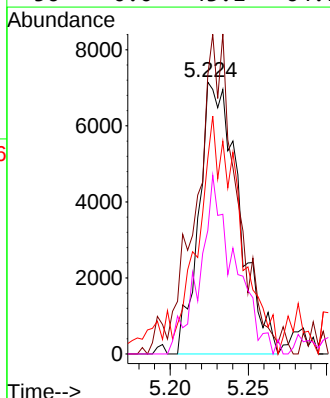
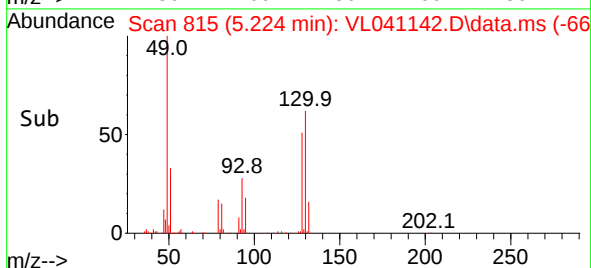
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

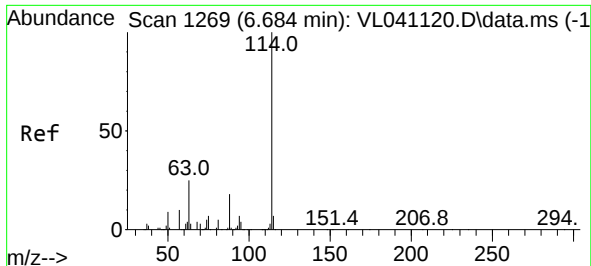


#26
Hexane
Concen: 0.104 ppbv m
RT: 5.224 min Scan# 815
Delta R.T. -0.013 min
Lab File: VL041142.D
Acq: 5 Apr 2024 2:16



Tgt Ion: 57 Resp: 12698
Ion Ratio Lower Upper
57 100
41 121.6 73.8 110.8#
43 0.0 186.2 279.2#
56 0.0 43.1 64.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.674 min Scan# 1

Delta R.T. -0.010 min

Lab File: VL041142.D

Acq: 5 Apr 2024 2:16

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

Tgt Ion:114 Resp: 377215

Ion Ratio Lower Upper

114 100

63 24.2 20.9 31.3

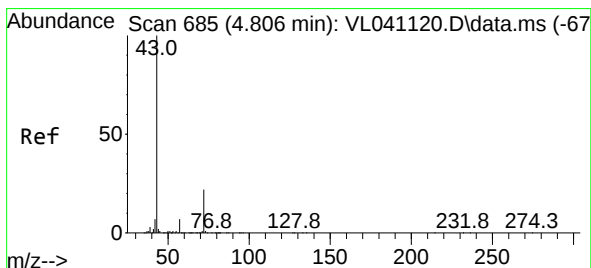
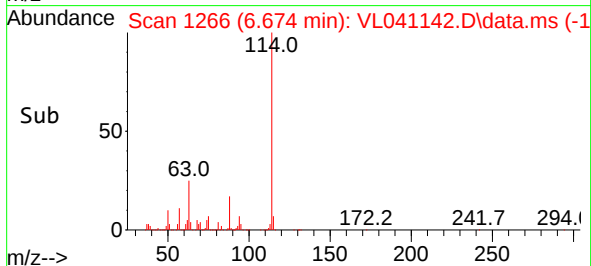
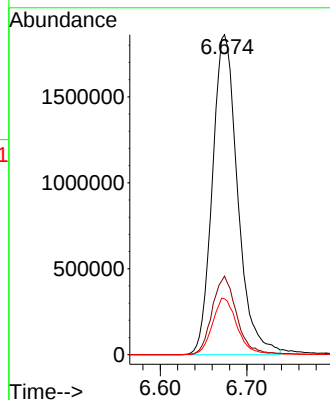
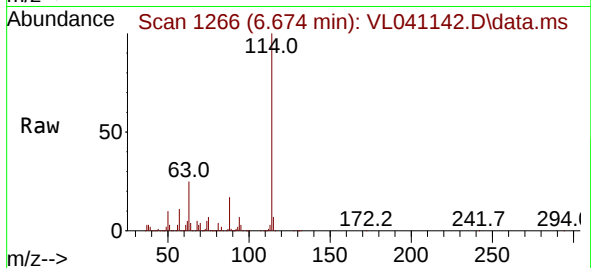
88 17.5 14.5 21.7

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Supervised By :Mahesh Dadoda 04/05/2024



#34

2-Butanone

Concen: 0.763 ppbv

RT: 4.819 min Scan# 689

Delta R.T. 0.013 min

Lab File: VL041142.D

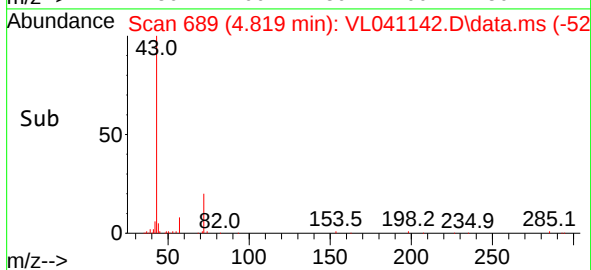
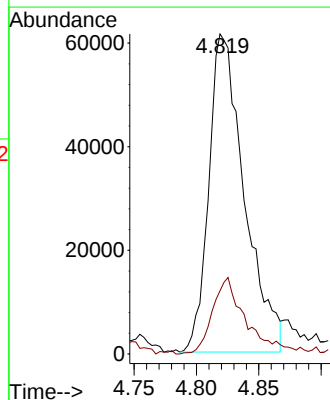
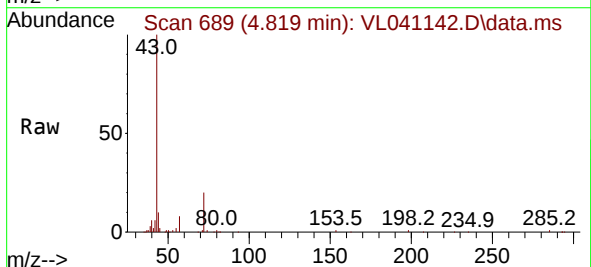
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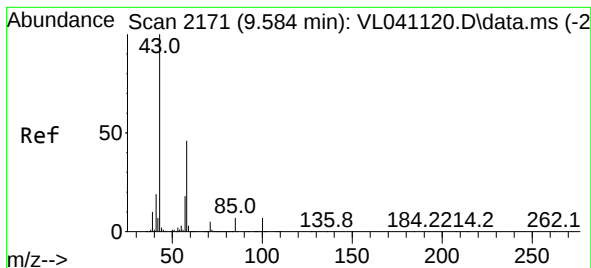
Tgt Ion: 43 Resp: 121797

Ion Ratio Lower Upper

43 100

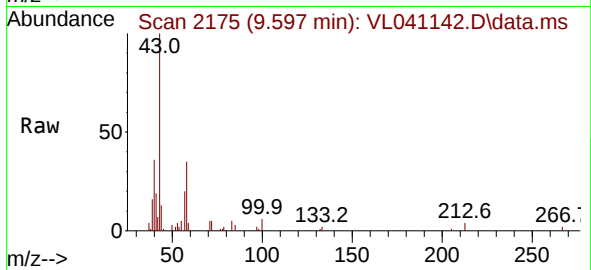
72 23.3 17.6 26.4





#51
2-Hexanone
Concen: 0.186 ppbv m
RT: 9.597 min Scan# 2171
Delta R.T. 0.013 min
Lab File: VL041142.D
Acq: 5 Apr 2024 2:16

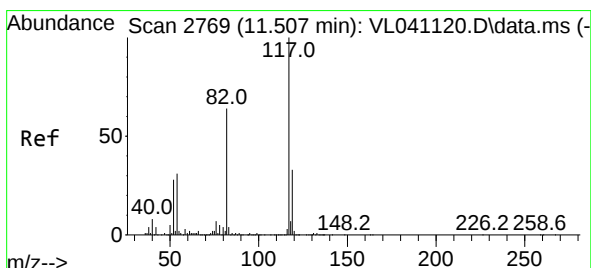
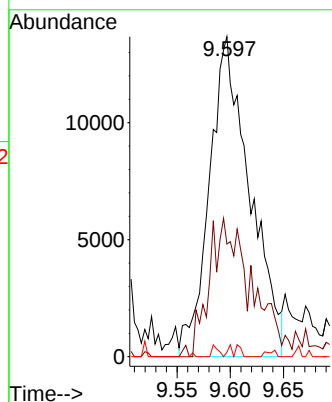
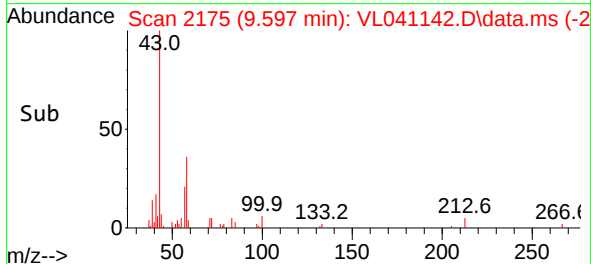
Instrument :
MSVOA_L
Client Sample Id :
SV1DL



Tgt Ion: 43 Resp: 36170
Ion Ratio Lower Upper
43 100
58 0.0 37.3 55.9
98 0.0 0.3 0.5

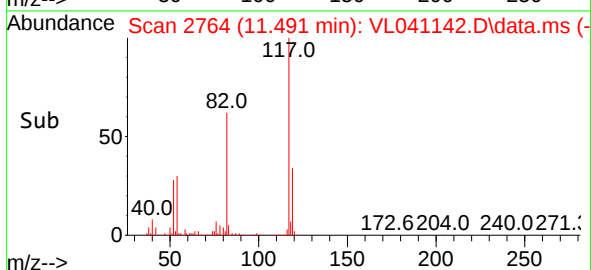
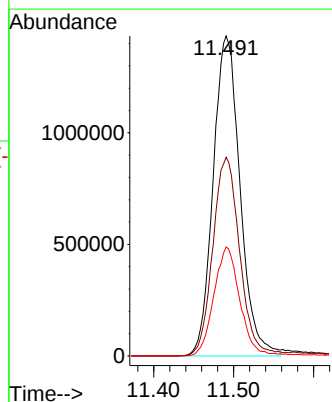
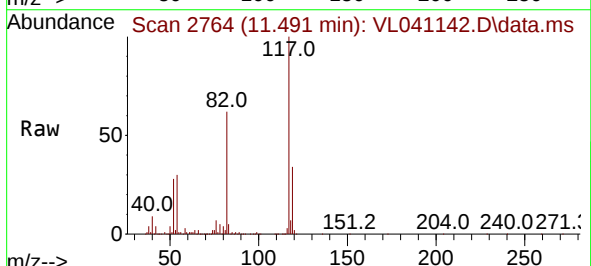
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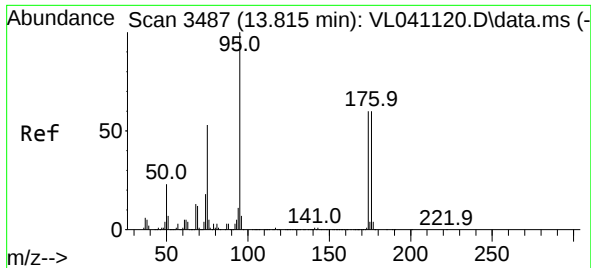
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.491 min Scan# 2764
Delta R.T. -0.016 min
Lab File: VL041142.D
Acq: 5 Apr 2024 2:16

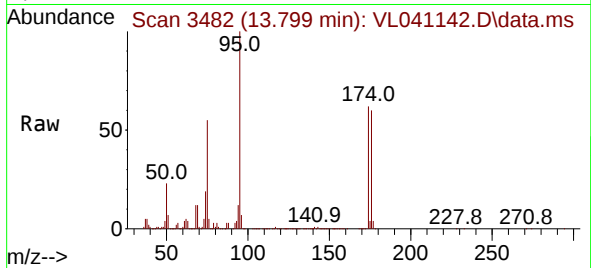
Tgt Ion:117 Resp: 3348079
Ion Ratio Lower Upper
117 100
82 64.2 51.0 76.6
119 33.4 25.2 37.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.606 ppbv
 RT: 13.799 min Scan# 34
 Delta R.T. -0.016 min
 Lab File: VL041142.D
 Acq: 5 Apr 2024 2:16

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL



Tgt Ion: 95 Resp: 258631
 Ion Ratio Lower Upper
 95 100
 174 64.0 49.3 73.9
 175 4.9 3.6 5.4

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