

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041489.D
 Acq On : 1 Aug 2024 22:44
 Operator : SY/MD
 Sample : P3445-05DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 3RD-FLOORDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

Quant Time: Aug 02 04:16:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Aug 02 03:13:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	879843	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2347984	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2127556	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1630917	9.961	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						
						Qvalue
3) Chlorodifluoromethane	2.678	51	41638	0.398	ppbv	95
9) Propene	2.706	41	40435m	0.840	ppbv	
13) Ethanol	3.240	45	523021m	121.619	ppbv	
15) Acetone	3.472	43	167826	1.679	ppbv	100
19) Isopropyl Alcohol	3.581	45	127376	2.179	ppbv #	92
20) Methylene Chloride	3.935	84	296084	7.942	ppbv	95
26) Hexane	5.214	57	124021	1.505	ppbv #	43

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

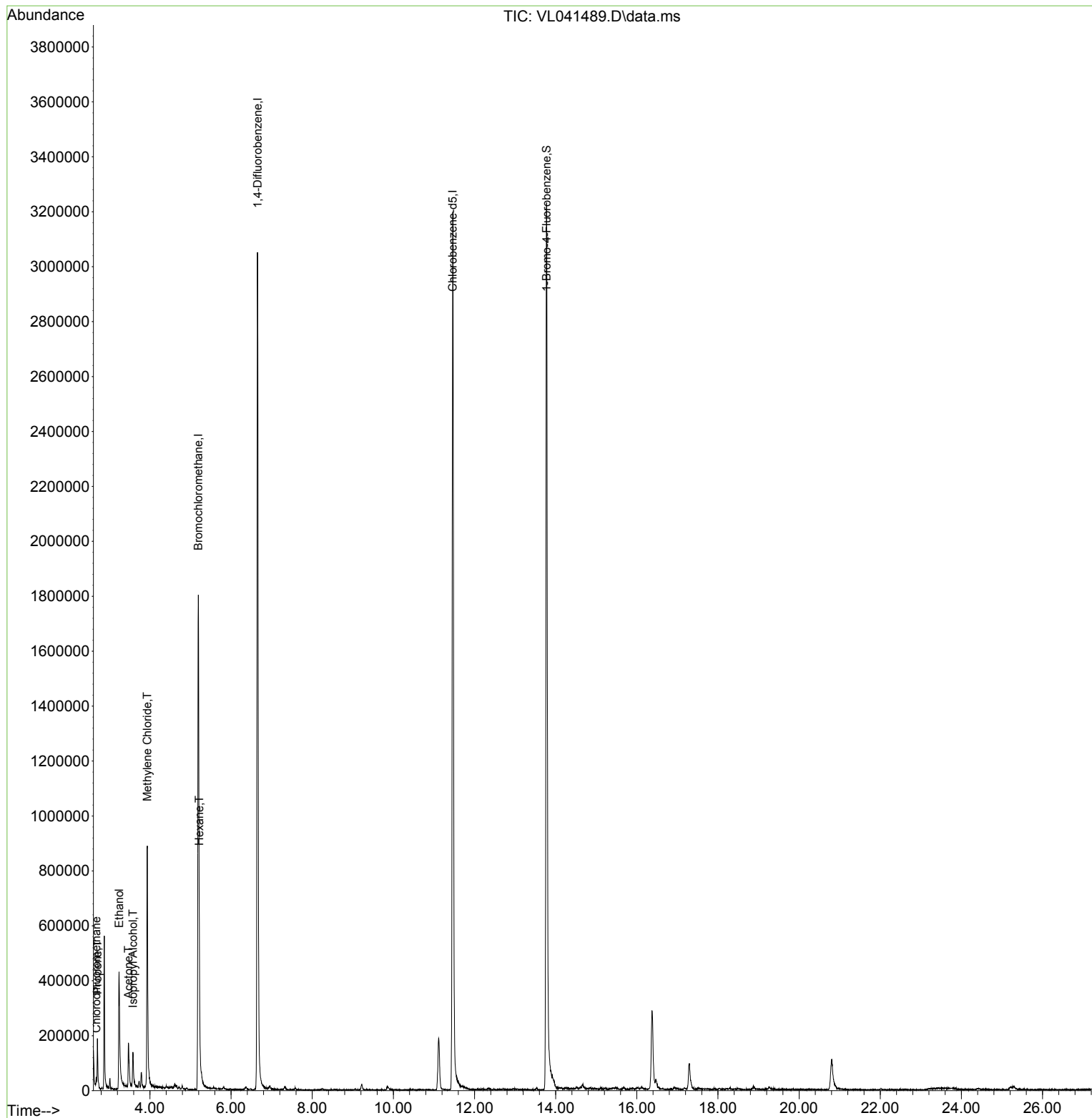
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
Data File : VL041489.D
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Operator : SY/MD
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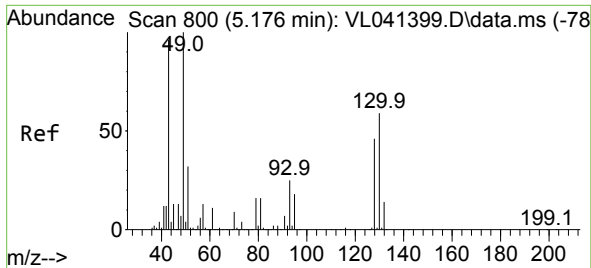
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Aug 02 04:16:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
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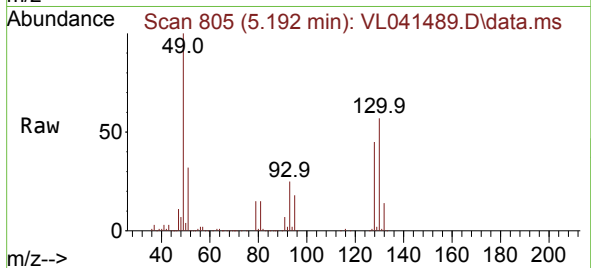
Reviewed By : Semsettin Yesilyurt 08/02/2024
Supervised By : Mahesh Dadoda 08/03/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041489.D
Acq: 1 Aug 2024 22:44

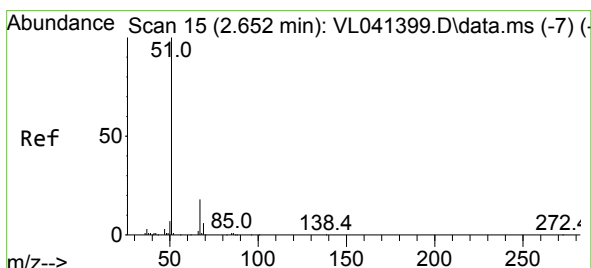
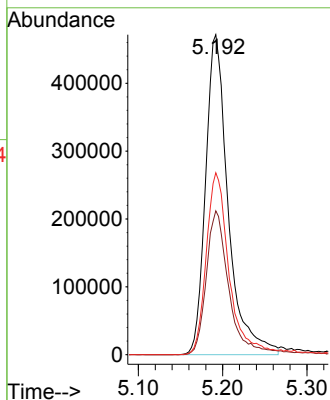
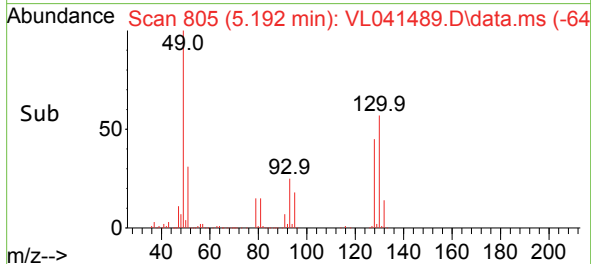
Instrument :
MSVOA_L
ClientSampleId :
3RD-FLOODL



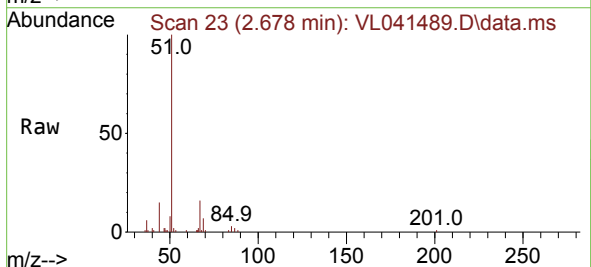
Tgt Ion: 49 Resp: 87984
Ion Ratio Lower Upper
49 100
128 45.8 23.8 71.4
130 58.9 30.8 92.4

Manual Integrations
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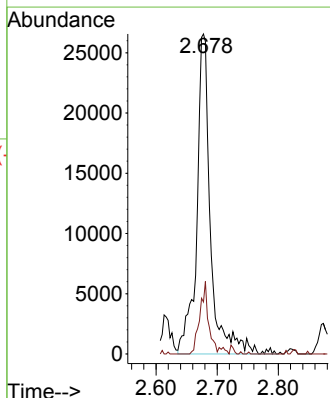
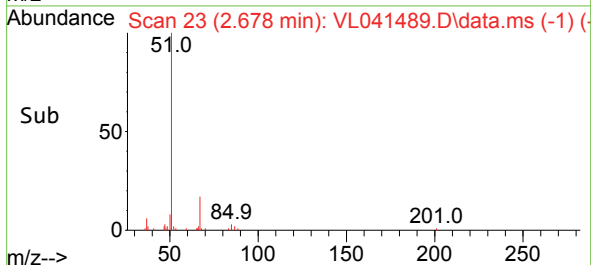
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Supervised By :Mahesh Dadoda 08/03/2024

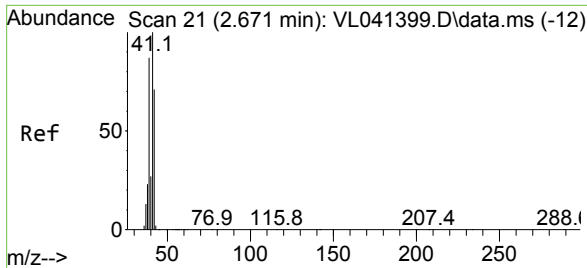


#3
Chlorodifluoromethane
Concen: 0.398 ppbv
RT: 2.678 min Scan# 23
Delta R.T. 0.003 min
Lab File: VL041489.D
Acq: 1 Aug 2024 22:44



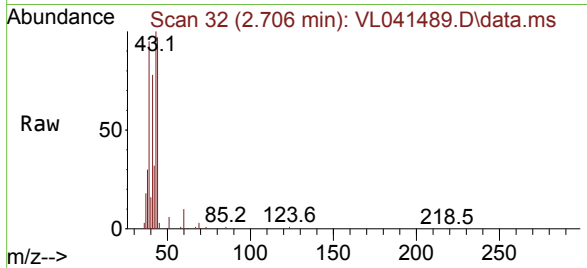
Tgt Ion: 51 Resp: 41638
Ion Ratio Lower Upper
51 100
67 15.8 14.5 21.7





#9
Propene
Concen: 0.840 ppbv m
RT: 2.706 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041489.D
Acq: 1 Aug 2024 22:44

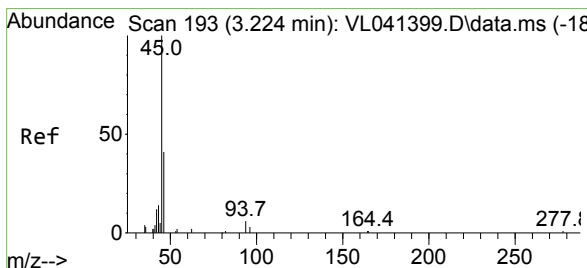
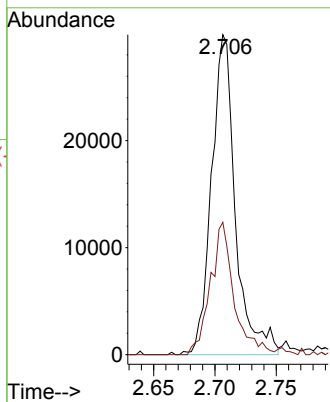
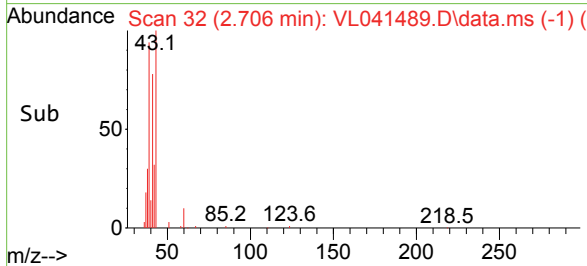
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ClientSampleId :
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Tgt Ion: 41 Resp: 40435
Ion Ratio Lower Upper
41 100
42 244.7 55.9 83.9

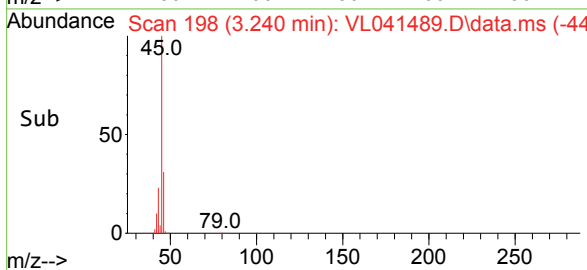
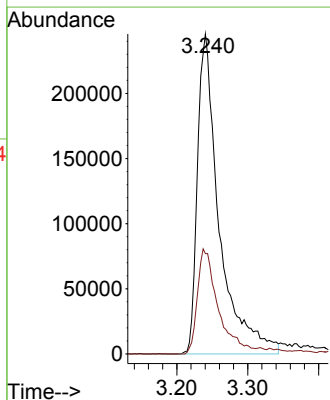
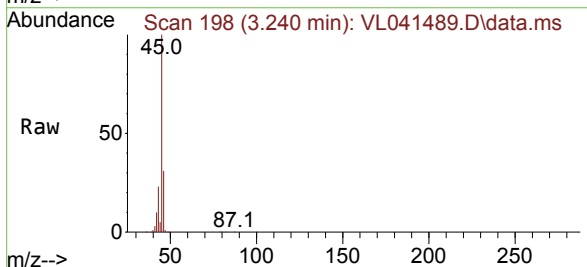
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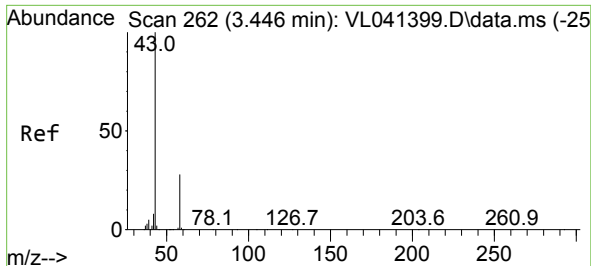
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#13
Ethanol
Concen: 121.619 ppbv m
RT: 3.240 min Scan# 198
Delta R.T. -0.006 min
Lab File: VL041489.D
Acq: 1 Aug 2024 22:44

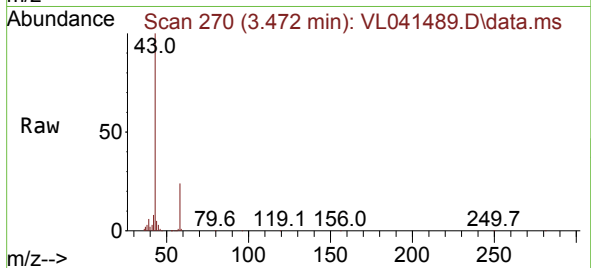
Tgt Ion: 45 Resp: 523021
Ion Ratio Lower Upper
45 100
46 34.4 13.4 53.4





#15
Acetone
Concen: 1.679 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041489.D
Acq: 1 Aug 2024 22:44

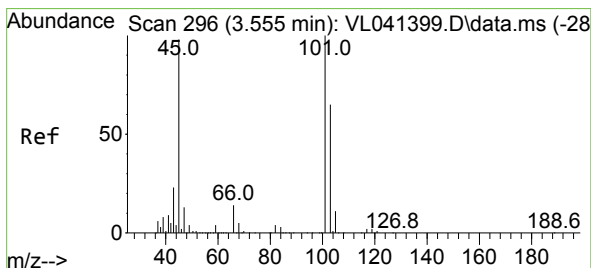
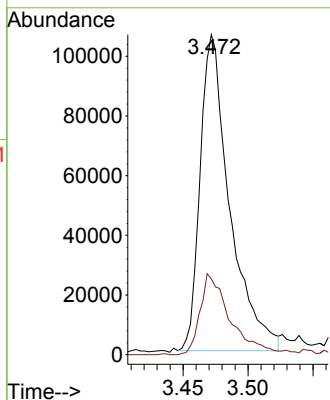
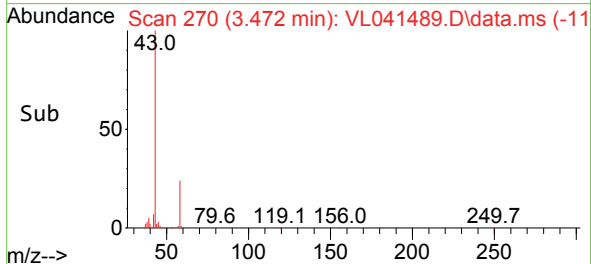
Instrument :
MSVOA_L
ClientSampleId :
3RD-FLOORDL



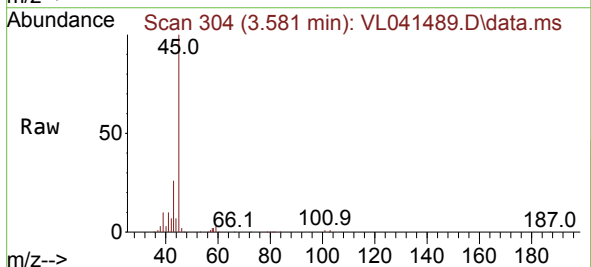
Tgt Ion: 43 Resp: 167820
Ion Ratio Lower Upper
43 100
58 27.0 21.4 32.2

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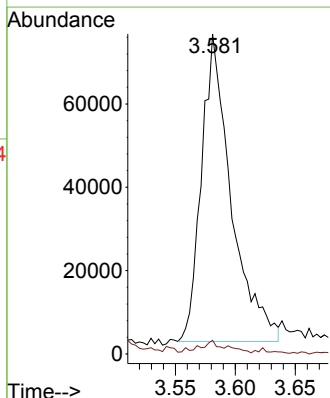
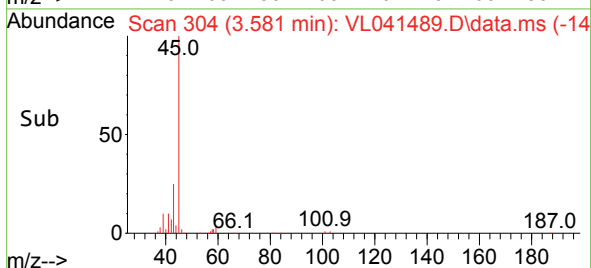
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

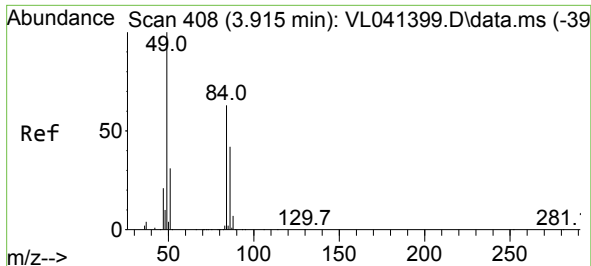


#19
Isopropyl Alcohol
Concen: 2.179 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.006 min
Lab File: VL041489.D
Acq: 1 Aug 2024 22:44



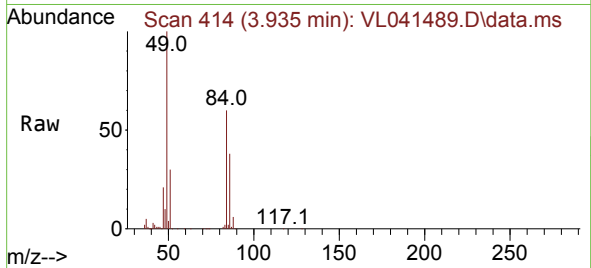
Tgt Ion: 45 Resp: 127376
Ion Ratio Lower Upper
45 100
58 5.2 1.9 2.9#





#20
Methylene Chloride
Concen: 7.942 ppbv
RT: 3.935 min Scan# 414
Delta R.T. 0.003 min
Lab File: VL041489.D
Acq: 1 Aug 2024 22:44

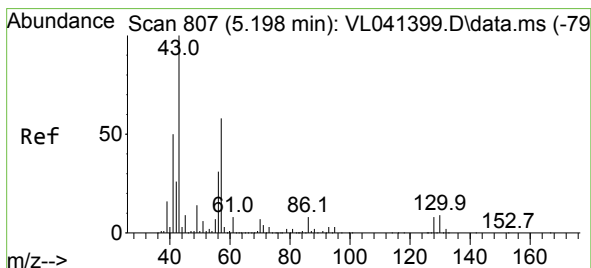
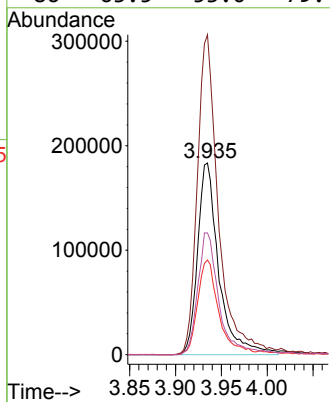
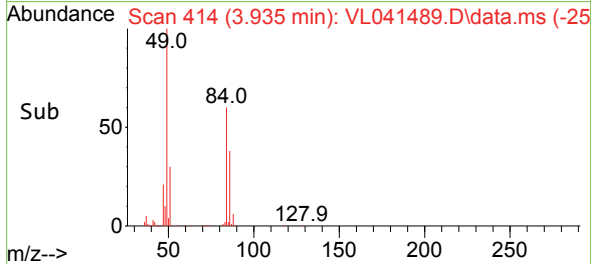
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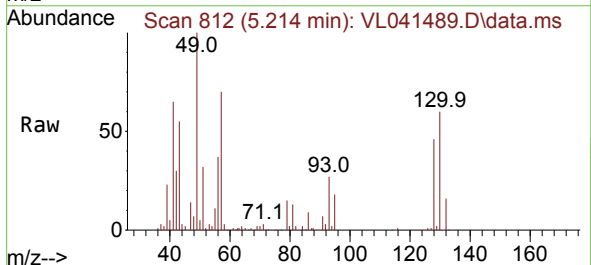
Tgt Ion: 84 Resp: 296084
Ion Ratio Lower Upper
84 100
49 166.5 126.6 190.0
51 49.4 38.6 58.0
86 63.5 53.0 79.4

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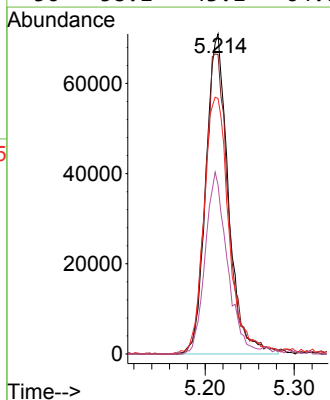
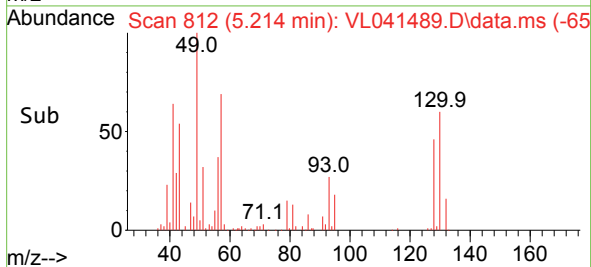
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

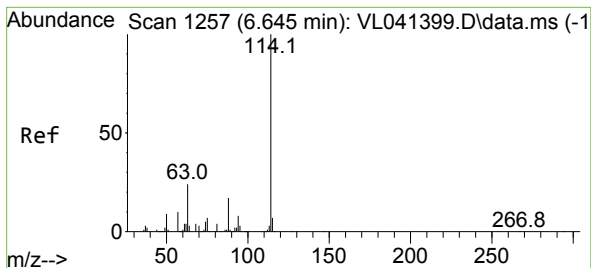


#26
Hexane
Concen: 1.505 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL041489.D
Acq: 1 Aug 2024 22:44



Tgt Ion: 57 Resp: 124021
Ion Ratio Lower Upper
57 100
41 98.5 74.0 111.0
43 91.0 193.6 290.4#
56 58.1 43.1 64.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VL041489.D

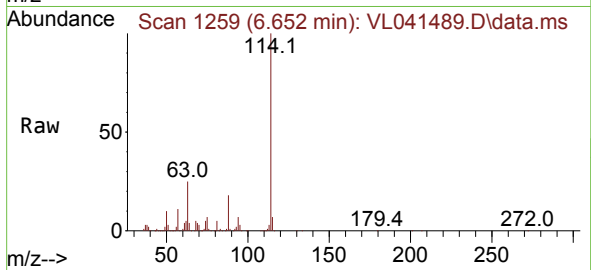
Acq: 1 Aug 2024 22:44

Instrument :

MSVOA_L

ClientSampleId :

3RD-FLOORDL



Tgt Ion:114 Resp: 2347984

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

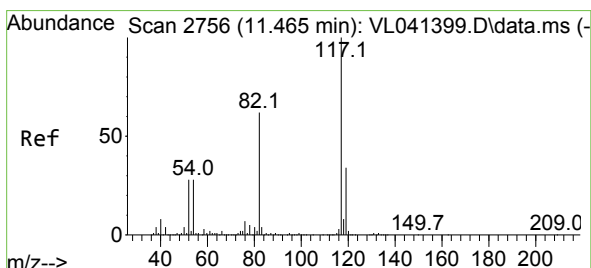
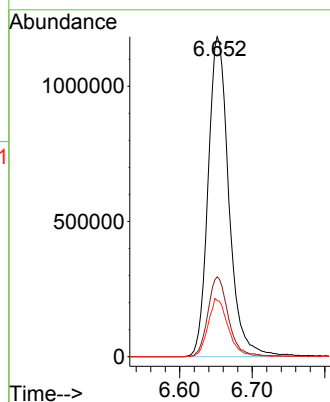
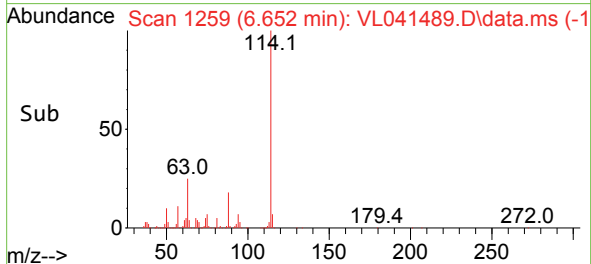
88 17.8 14.3 21.5

Manual Integrations

APPROVED

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 2756

Delta R.T. 0.000 min

Lab File: VL041489.D

Acq: 1 Aug 2024 22:44

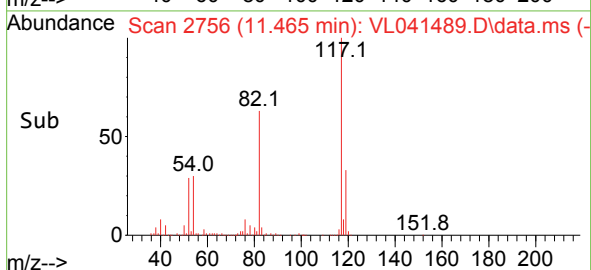
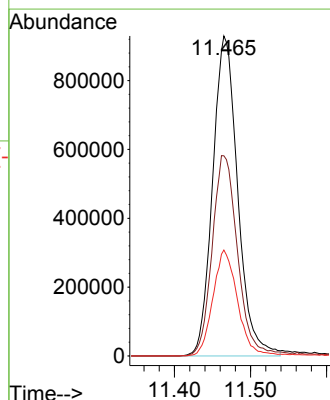
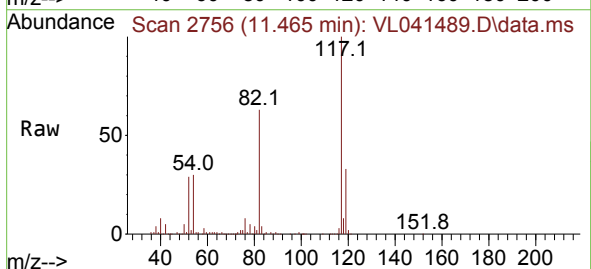
Tgt Ion:117 Resp: 2127556

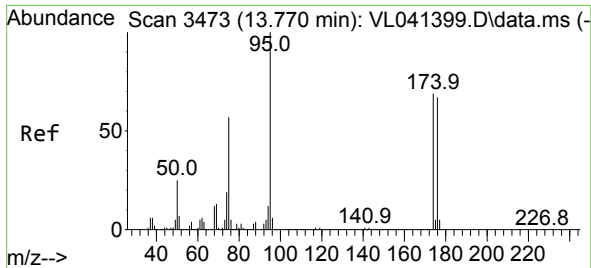
Ion Ratio Lower Upper

117 100

82 64.9 51.0 76.6

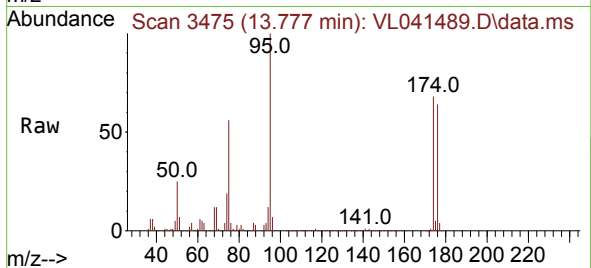
119 33.1 45.2 67.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.961 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. 0.003 min
 Lab File: VL041489.D
 Acq: 1 Aug 2024 22:44

Instrument :
 MSVOA_L
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Tgt Ion: 95 Resp: 1630917

Ion	Ratio	Lower	Upper
95	100		
174	71.7	56.3	84.5
175	5.0	4.0	6.0

Manual Integrations
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