

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041446.D
 Acq On : 30 Jul 2024 2:31
 Operator : SY/MD
 Sample : P3356-02DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 2DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

Quant Time: Jul 30 06:47:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jul 30 02:42:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1087741	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.658	114	2913852	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.468	117	2636037	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2032284	10.018	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.739	85	19415	0.104	ppbv	90
4) Chloromethane	2.819	50	8064m	0.117	ppbv	
13) Ethanol	3.250	45	145615	27.389	ppbv	91
15) Acetone	3.478	43	281429	2.277	ppbv	100
19) Isopropyl Alcohol	3.594	45	44336m	0.614	ppbv	
20) Methylene Chloride	3.941	84	1652724	35.861	ppbv	98
26) Hexane	5.218	57	1343194	13.188	ppbv #	37

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

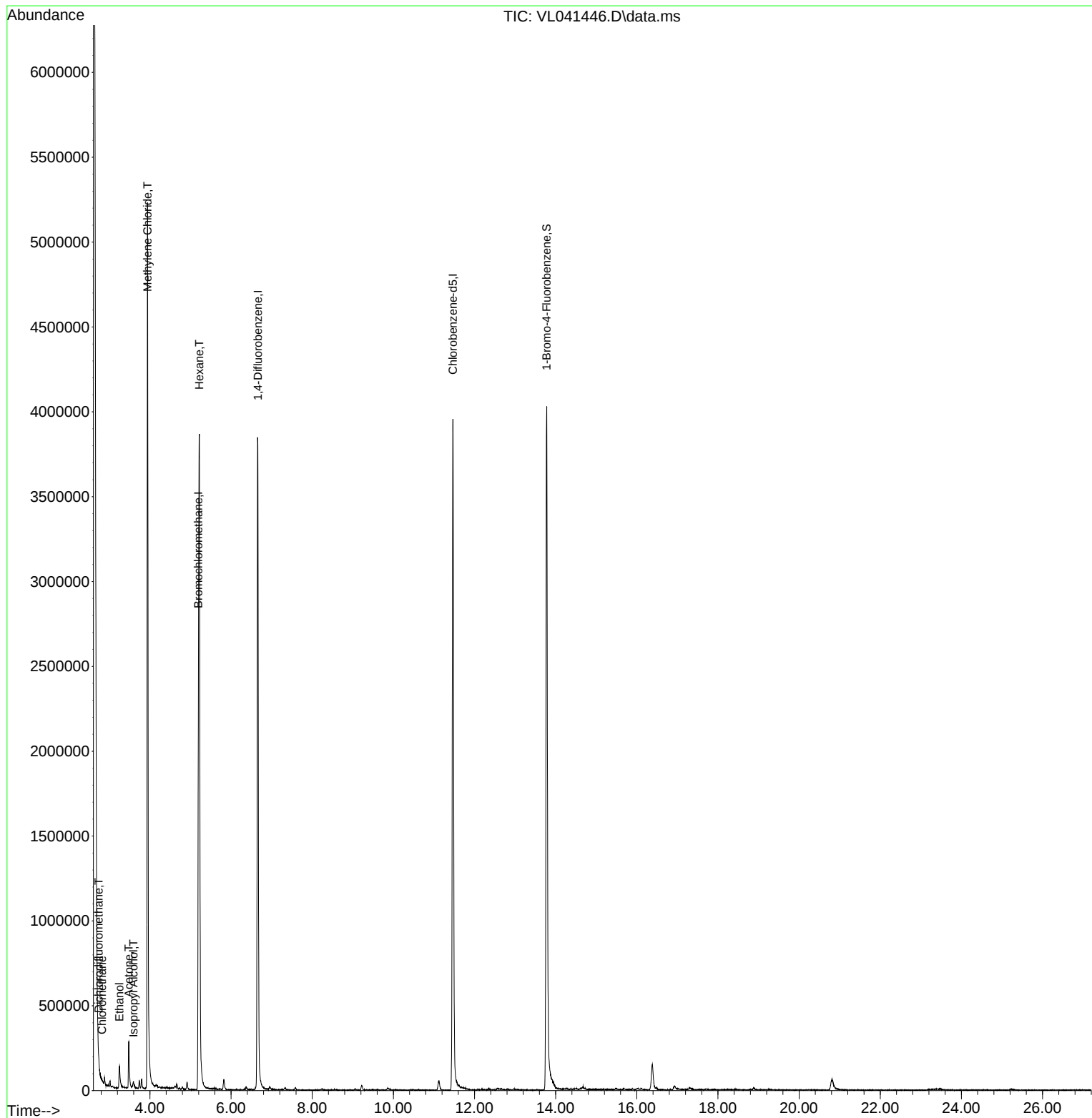
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
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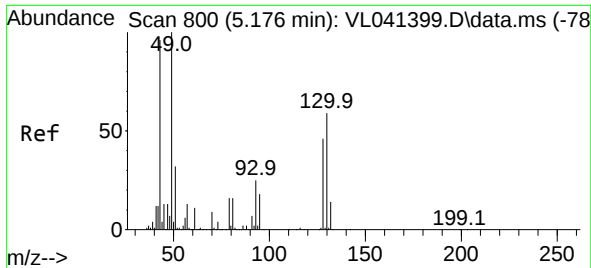
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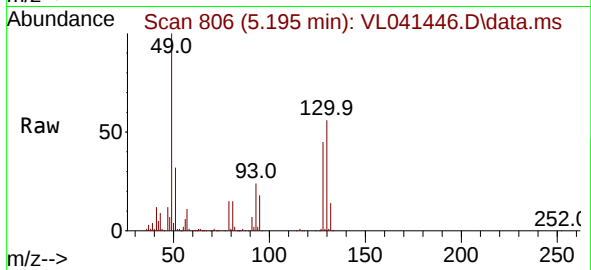
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.016 min
Lab File: VL041446.D
Acq: 30 Jul 2024 2:31

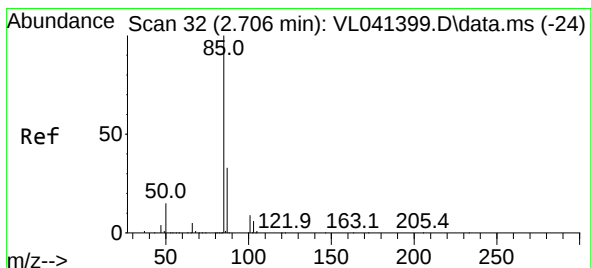
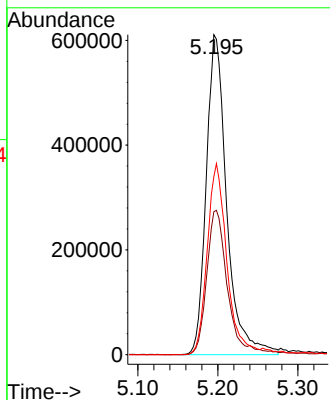
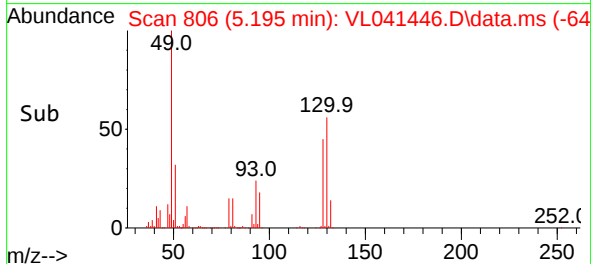
Instrument :
MSVOA_L
ClientSampleId :
2DL



Tgt Ion: 49 Resp: 108774
Ion Ratio Lower Upper
49 100
128 47.3 23.8 71.4
130 58.9 30.8 92.4

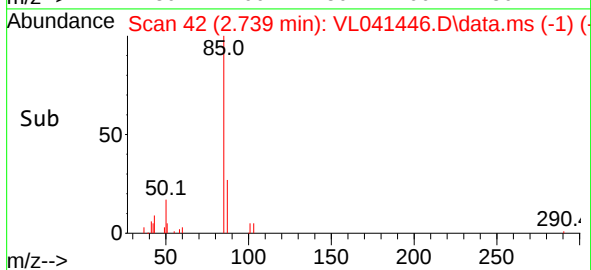
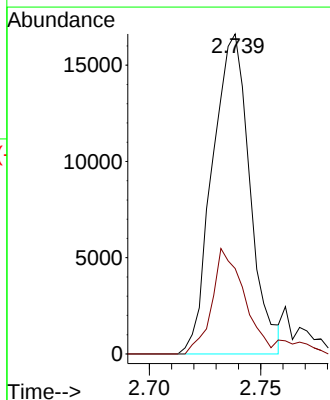
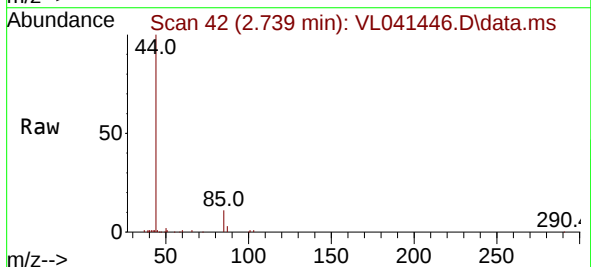
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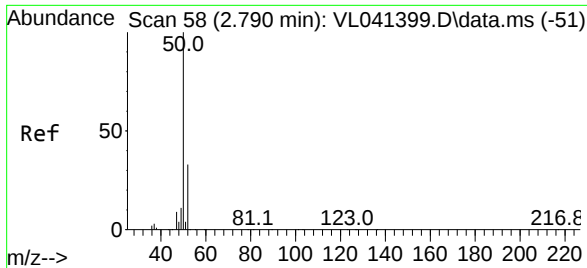
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#2
Dichlorodifluoromethane
Concen: 0.104 ppbv
RT: 2.739 min Scan# 42
Delta R.T. 0.029 min
Lab File: VL041446.D
Acq: 30 Jul 2024 2:31

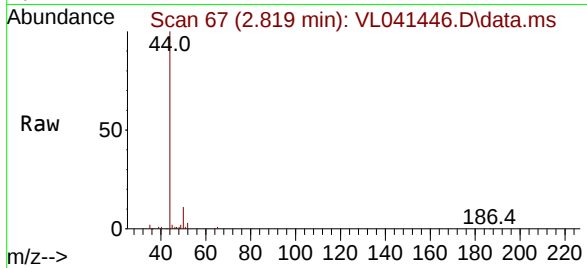
Tgt Ion: 85 Resp: 19415
Ion Ratio Lower Upper
85 100
87 26.7 26.0 39.0





#4
Chloromethane
Concen: 0.117 ppbv m
RT: 2.819 min Scan# 61
Delta R.T. 0.026 min
Lab File: VL041446.D
Acq: 30 Jul 2024 2:31

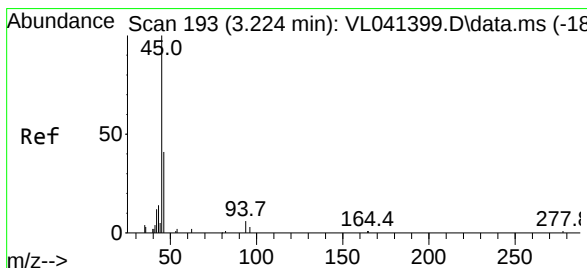
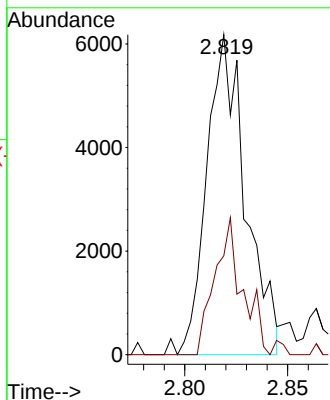
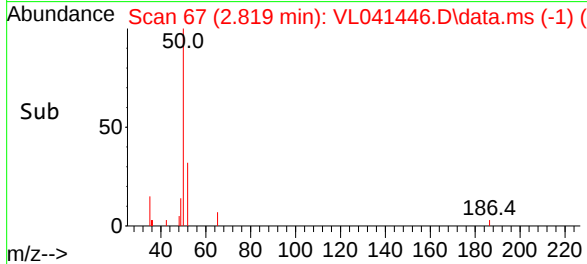
Instrument :
MSVOA_L
ClientSampleId :
2DL



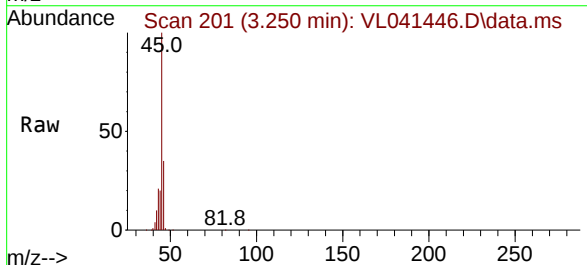
Tgt Ion: 50 Resp: 8064
Ion Ratio Lower Upper
50 100
52 30.9 26.1 39.1

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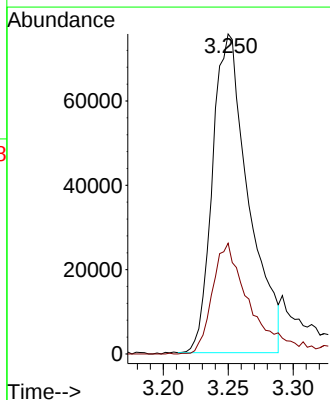
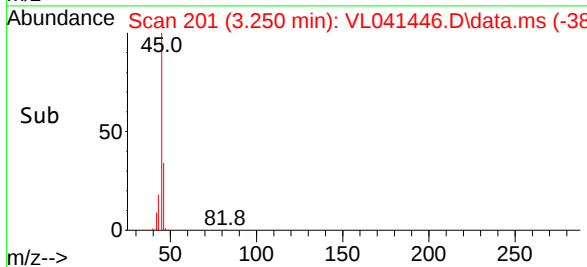
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

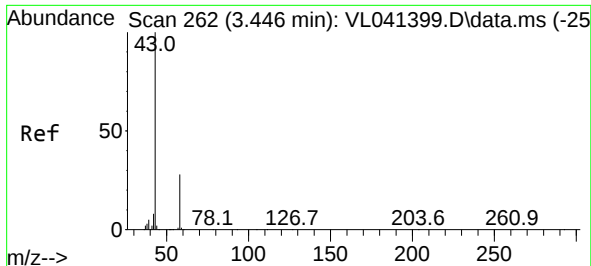


#13
Ethanol
Concen: 27.389 ppbv
RT: 3.250 min Scan# 201
Delta R.T. 0.023 min
Lab File: VL041446.D
Acq: 30 Jul 2024 2:31



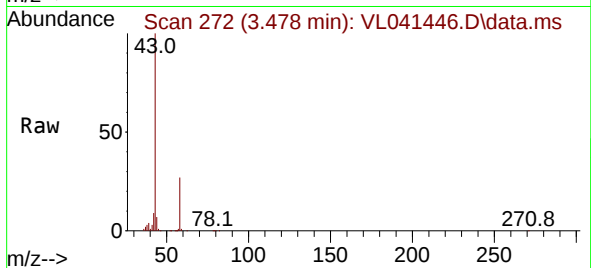
Tgt Ion: 45 Resp: 145615
Ion Ratio Lower Upper
45 100
46 38.5 13.4 53.4





#15
Acetone
Concen: 2.277 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL041446.D
Acq: 30 Jul 2024 2:31

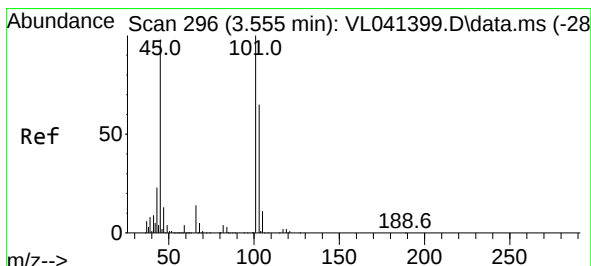
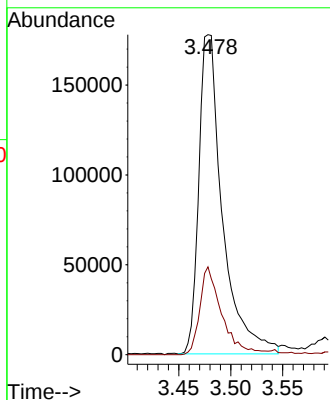
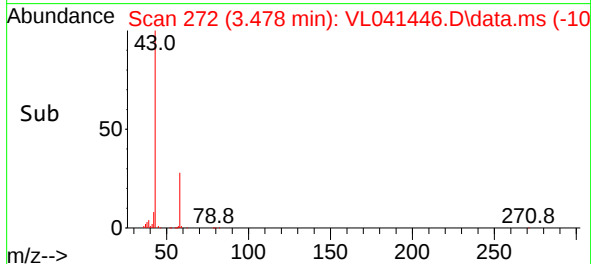
Instrument :
MSVOA_L
ClientSampleId :
2DL



Tgt Ion: 43 Resp: 281429
Ion Ratio Lower Upper
43 100
58 26.6 21.4 32.2

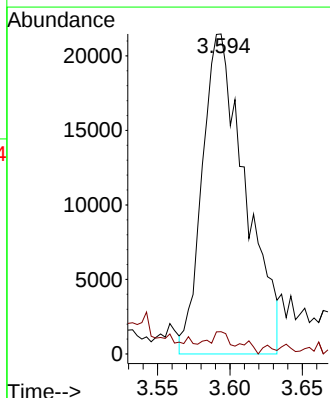
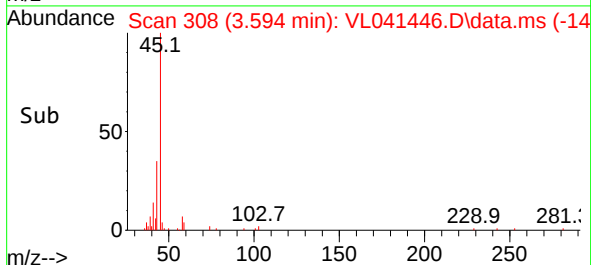
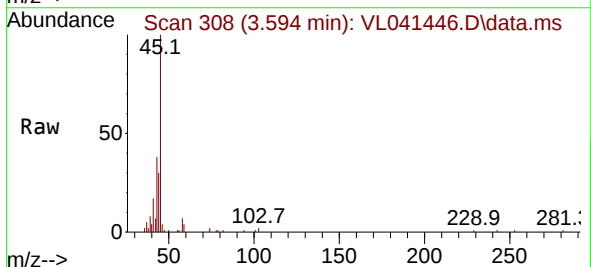
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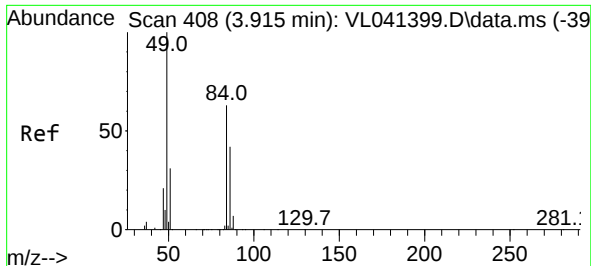
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#19
Isopropyl Alcohol
Concen: 0.614 ppbv m
RT: 3.594 min Scan# 308
Delta R.T. 0.032 min
Lab File: VL041446.D
Acq: 30 Jul 2024 2:31

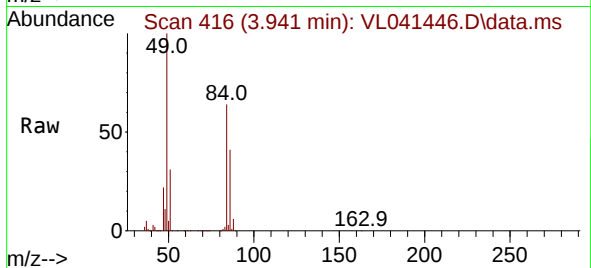
Tgt Ion: 45 Resp: 44336
Ion Ratio Lower Upper
45 100
58 6.4 1.9 2.9#





#20
Methylene Chloride
Concen: 35.861 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.023 min
Lab File: VL041446.D
Acq: 30 Jul 2024 2:31

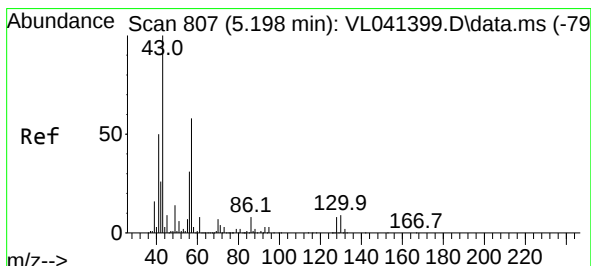
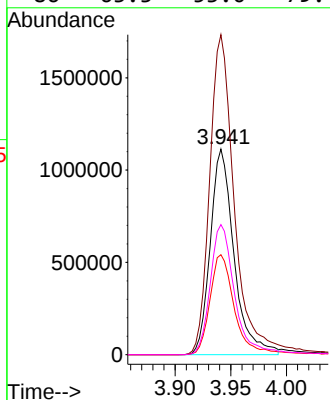
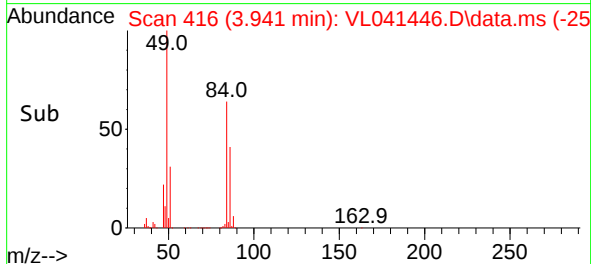
Instrument :
MSVOA_L
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2DL



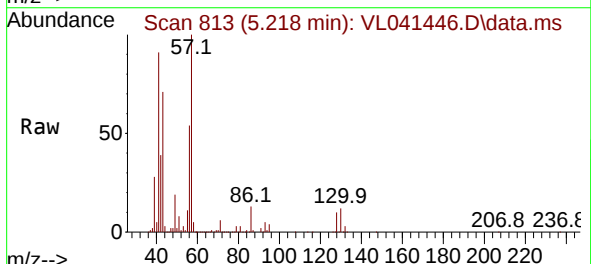
Tgt Ion: 84 Resp: 1652724
Ion Ratio Lower Upper
84 100
49 155.7 126.6 190.0
51 48.6 38.6 58.0
86 63.3 53.0 79.4

Manual Integrations
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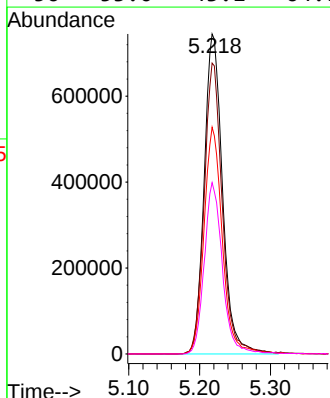
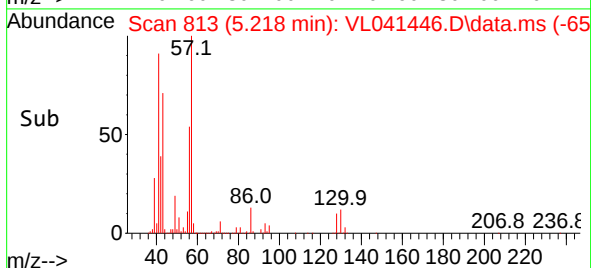
Reviewed By :Mahesh Dadoda 07/30/2024
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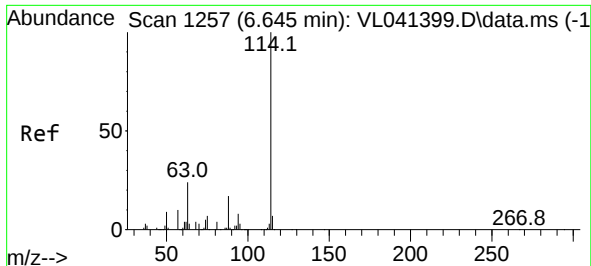


#26
Hexane
Concen: 13.188 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.019 min
Lab File: VL041446.D
Acq: 30 Jul 2024 2:31



Tgt Ion: 57 Resp: 1343194
Ion Ratio Lower Upper
57 100
41 90.6 74.0 111.0
43 70.9 193.6 290.4#
56 53.0 43.1 64.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL041446.D

Acq: 30 Jul 2024 2:31

Instrument :

MSVOA_L

ClientSampleId :

2DL

Tgt Ion:114 Resp: 291385

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

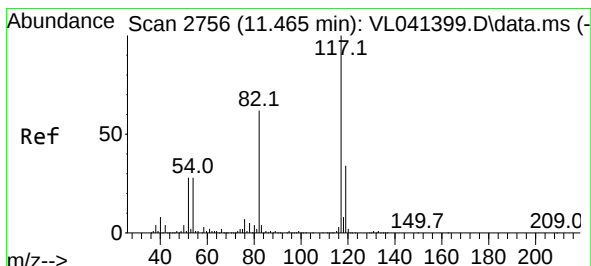
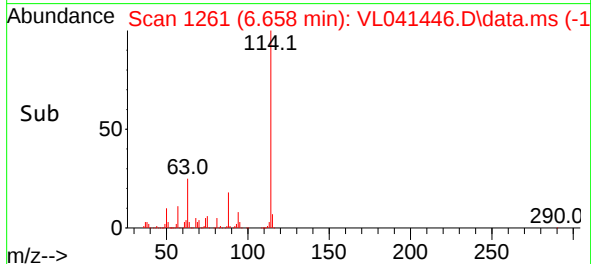
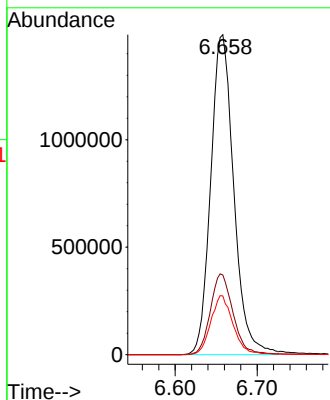
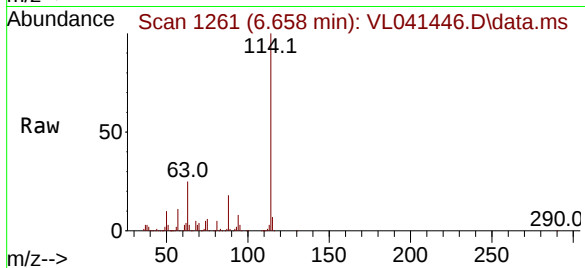
88 18.0 14.3 21.5

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 2757

Delta R.T. 0.003 min

Lab File: VL041446.D

Acq: 30 Jul 2024 2:31

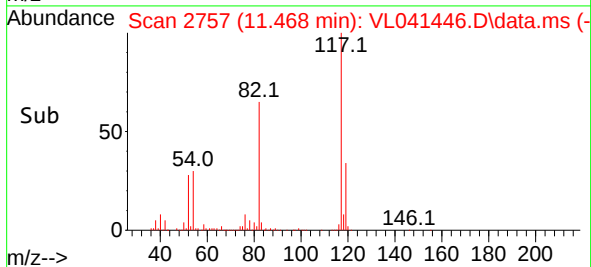
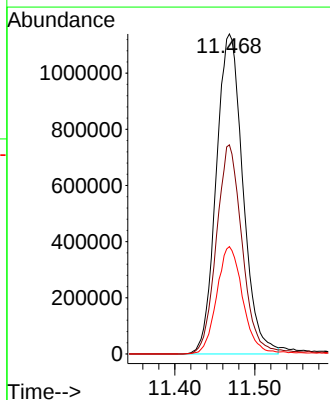
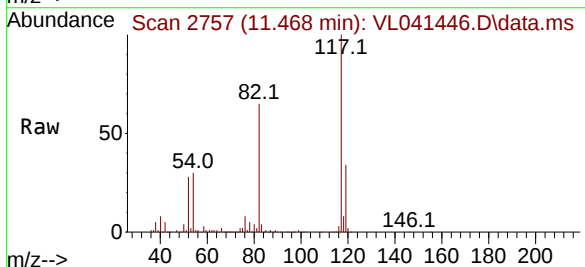
Tgt Ion:117 Resp: 2636037

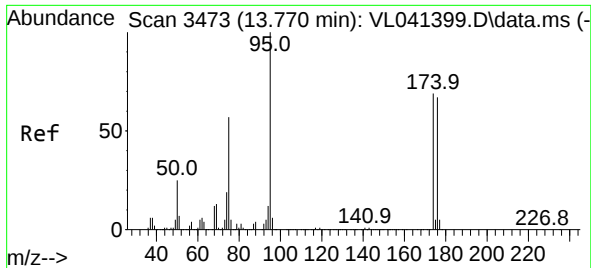
Ion Ratio Lower Upper

117 100

82 64.3 51.0 76.6

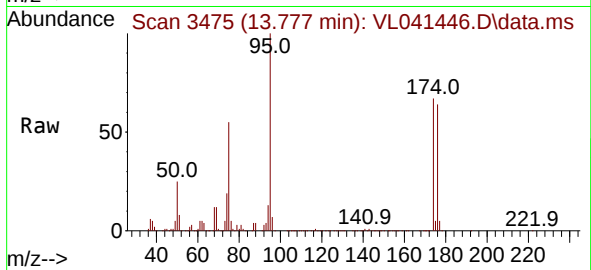
119 33.6 45.2 67.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.018 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. 0.003 min
 Lab File: VL041446.D
 Acq: 30 Jul 2024 2:31

Instrument :
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Tgt Ion: 95 Resp: 2032284

Ion	Ratio	Lower	Upper
95	100		
174	69.9	56.3	84.5
175	5.1	4.0	6.0

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