

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041417.D
 Acq On : 26 Jul 2024 12:05
 Operator : SY/MD
 Sample : P3356-01DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024

Quant Time: Jul 29 01:48:04 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 : Fri Jul 26 07:31:14 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1090205	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	3036597	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2832978	10.000	ppbv	#-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.760	95	2147910	9.852	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.500%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.709	85	20838m	0.111	ppbv	
3) Chlorodifluoromethane	2.658	51	14154m	0.109	ppbv	
4) Chloromethane	2.793	50	7680m	0.111	ppbv	
9) Propene	2.690	41	18037	0.303	ppbv	83
13) Ethanol	3.224	45	219822	41.253	ppbv	94
15) Acetone	3.455	43	176646	1.426	ppbv	99
19) Isopropyl Alcohol	3.571	45	58253m	0.804	ppbv	
20) Methylene Chloride	3.915	84	389233	8.426	ppbv	97
26) Hexane	5.195	57	187362	1.835	ppbv #	37

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

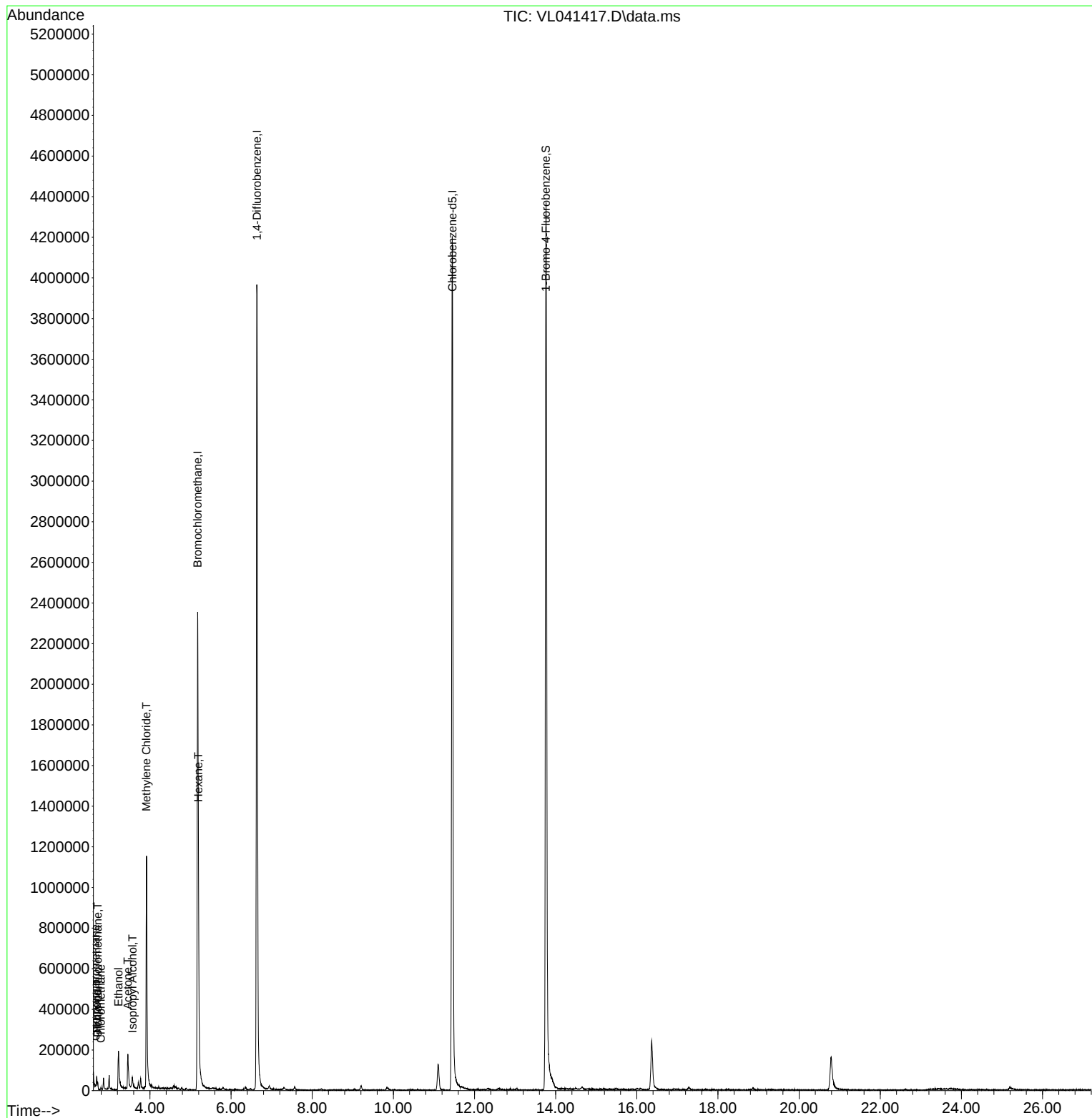
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
Data File : VL041417.D
Acq On : 26 Jul 2024 12:05
Operator : SY/MD
Sample : P3356-01DL 5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

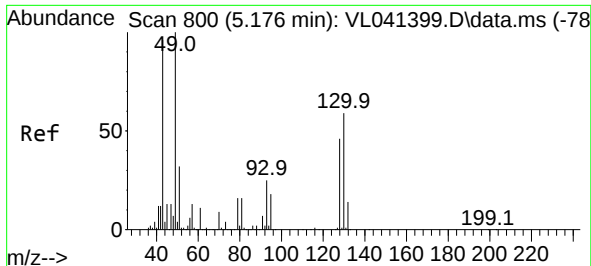
Instrument :
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ClientSampleId :
1DL

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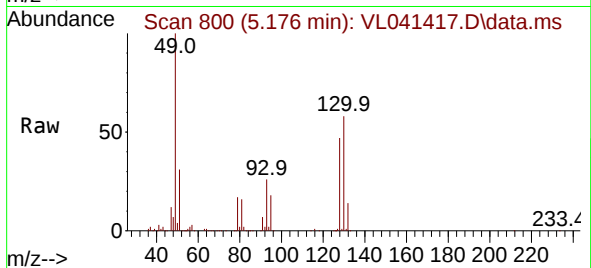
Quant Time: Jul 29 01:48:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Jul 26 07:31:14 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041417.D
Acq: 26 Jul 2024 12:05

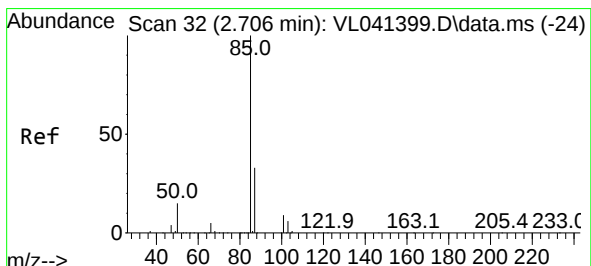
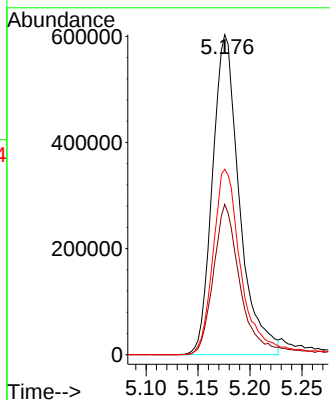
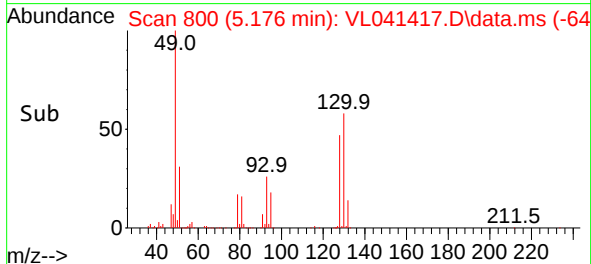
Instrument :
MSVOA_L
ClientSampleId :
1DL



Tgt Ion: 49 Resp: 109020
Ion Ratio Lower Upper
49 100
128 49.6 23.8 71.4
130 63.5 30.8 92.4

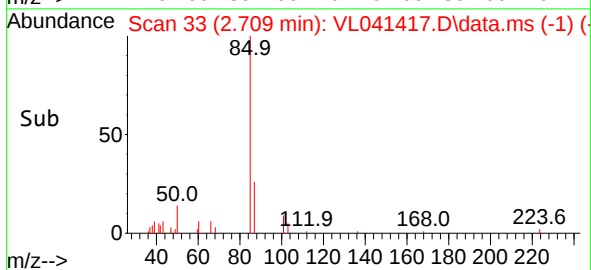
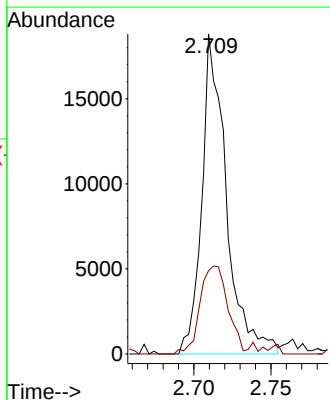
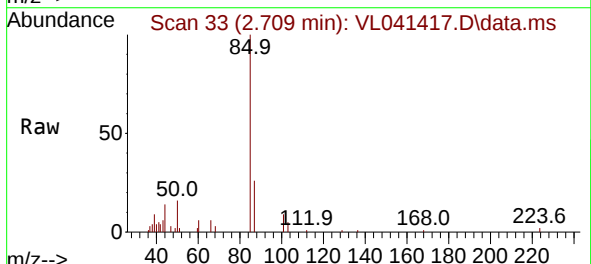
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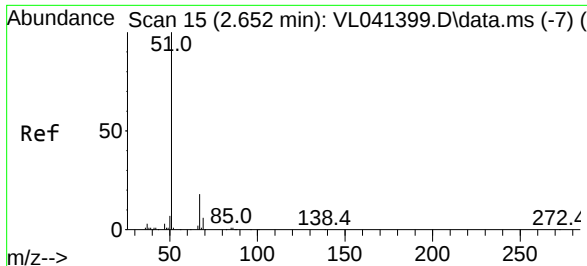
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#2
Dichlorodifluoromethane
Concen: 0.111 ppbv m
RT: 2.709 min Scan# 33
Delta R.T. 0.003 min
Lab File: VL041417.D
Acq: 26 Jul 2024 12:05

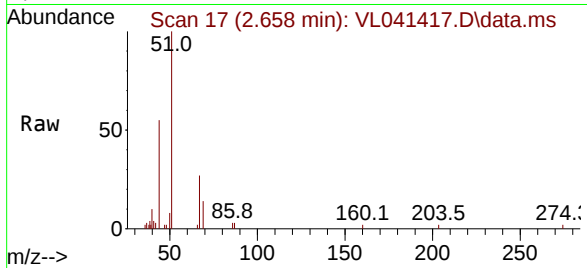
Tgt Ion: 85 Resp: 20838
Ion Ratio Lower Upper
85 100
87 26.1 26.0 39.0





#3
Chlorodifluoromethane
Concen: 0.109 ppbv m
RT: 2.658 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041417.D
Acq: 26 Jul 2024 12:05

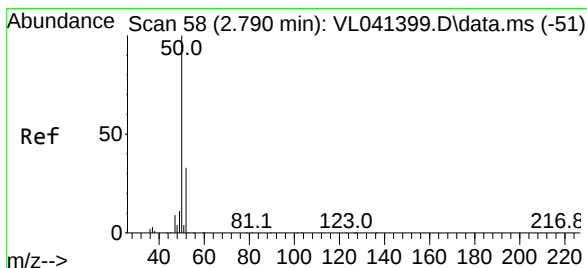
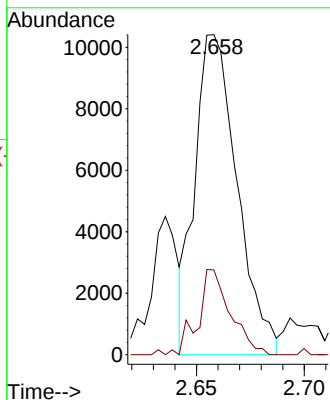
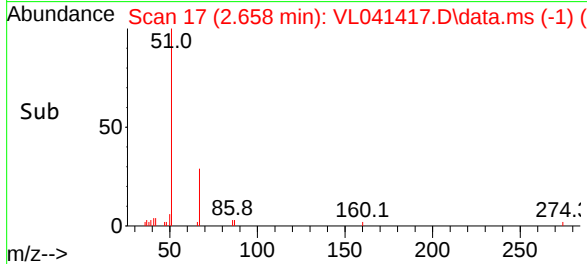
Instrument :
MSVOA_L
ClientSampleId :
1DL



Tgt Ion: 51 Resp: 14154
Ion Ratio Lower Upper
51 100
67 20.3 14.5 21.7

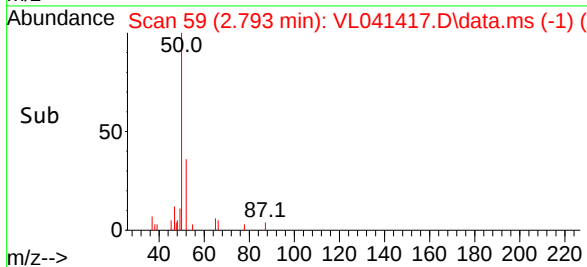
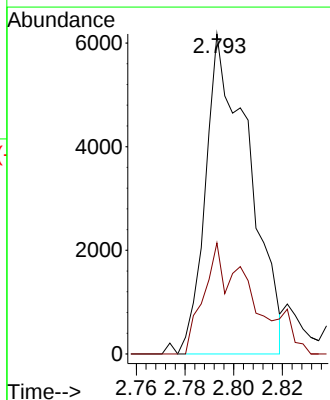
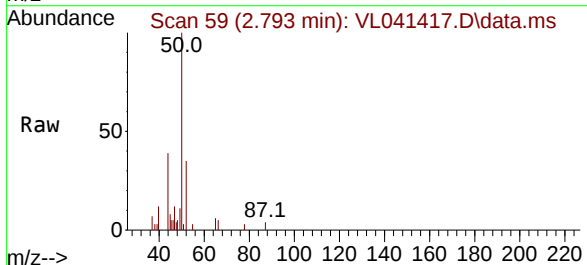
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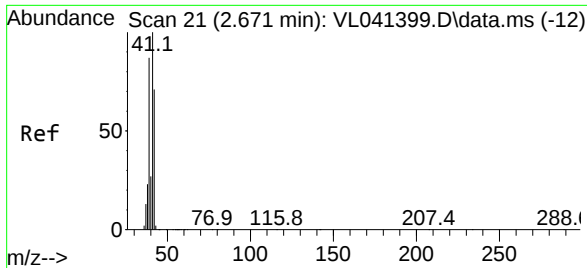
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#4
Chloromethane
Concen: 0.111 ppbv m
RT: 2.793 min Scan# 59
Delta R.T. 0.003 min
Lab File: VL041417.D
Acq: 26 Jul 2024 12:05

Tgt Ion: 50 Resp: 7680
Ion Ratio Lower Upper
50 100
52 34.7 26.1 39.1





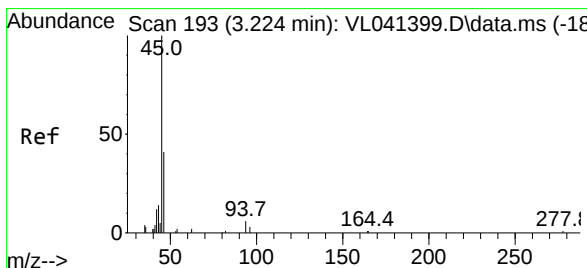
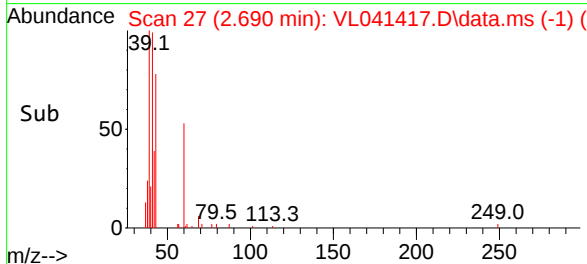
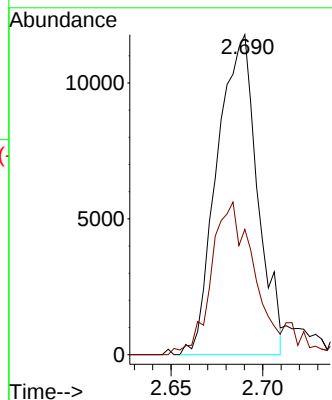
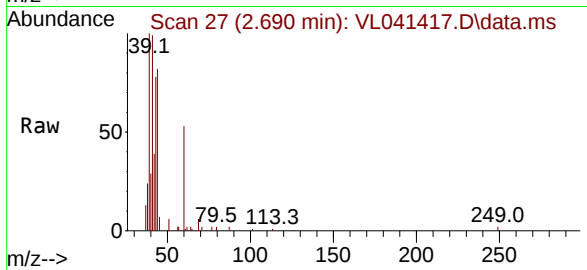
#9
 Propene
 Concen: 0.303 ppbv
 RT: 2.690 min Scan# 21
 Delta R.T. 0.019 min
 Lab File: VL041417.D
 Acq: 26 Jul 2024 12:05

Instrument :
 MSVOA_L
 ClientSampleId :
 1DL

Tgt Ion: 41 Resp: 1803
 Ion Ratio Lower Upper
 41 100
 42 56.3 55.9 83.9

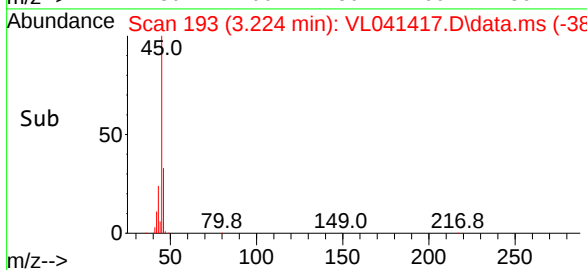
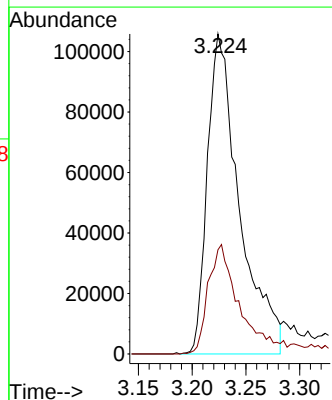
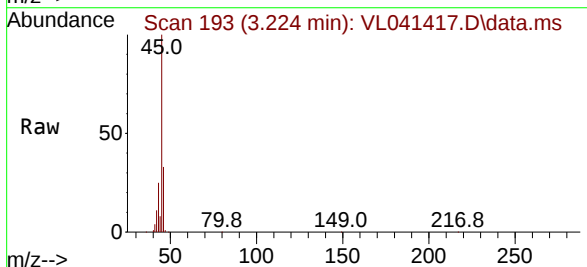
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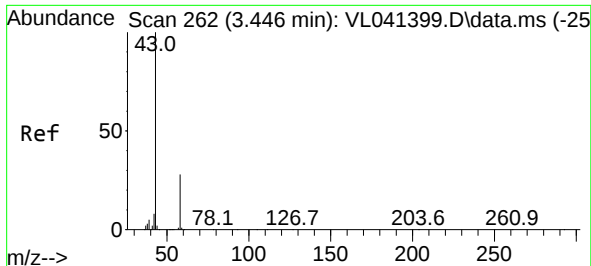
Reviewed By :Semsettin Yesilyurt 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#13
 Ethanol
 Concen: 41.253 ppbv
 RT: 3.224 min Scan# 193
 Delta R.T. -0.000 min
 Lab File: VL041417.D
 Acq: 26 Jul 2024 12:05

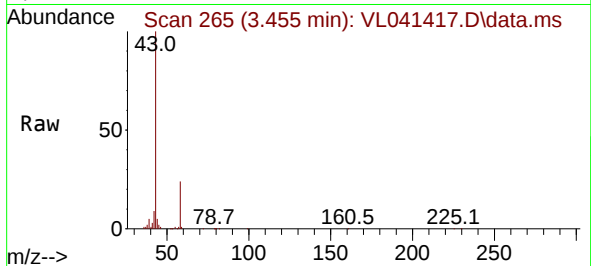
Tgt Ion: 45 Resp: 219822
 Ion Ratio Lower Upper
 45 100
 46 36.7 13.4 53.4





#15
Acetone
Concen: 1.426 ppbv
RT: 3.455 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL041417.D
Acq: 26 Jul 2024 12:05

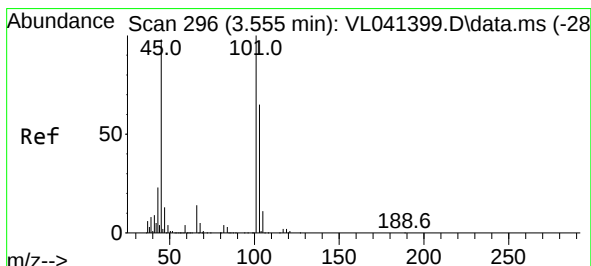
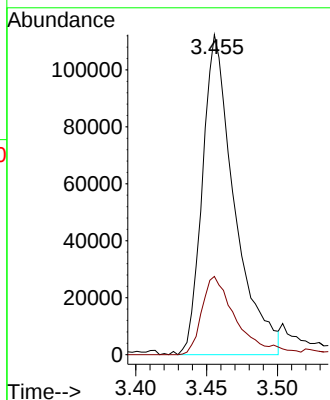
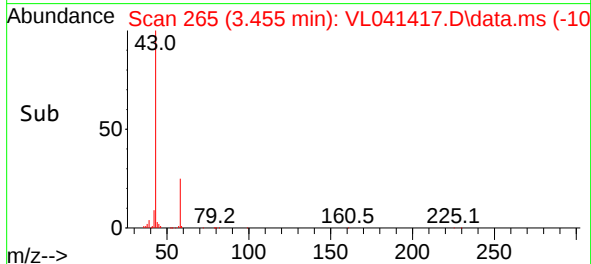
Instrument :
MSVOA_L
ClientSampleId :
1DL



Tgt Ion: 43 Resp: 176640
Ion Ratio Lower Upper
43 100
58 27.5 21.4 32.2

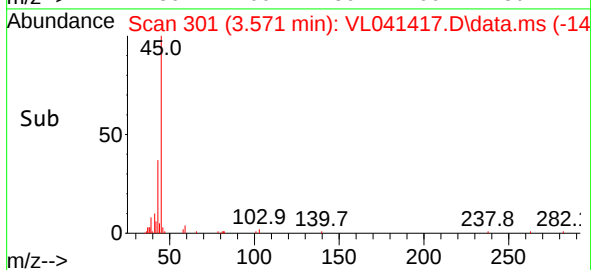
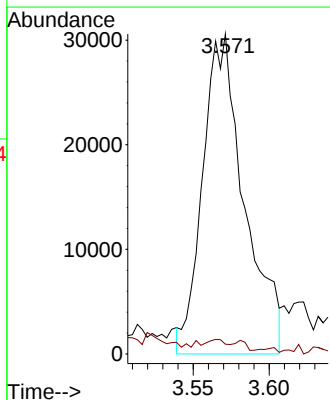
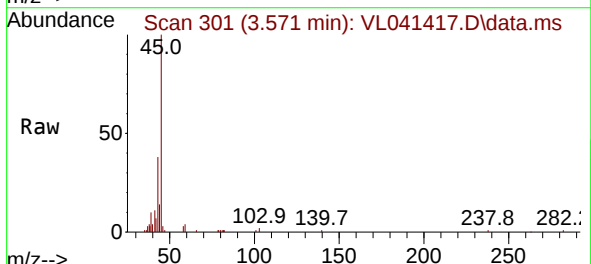
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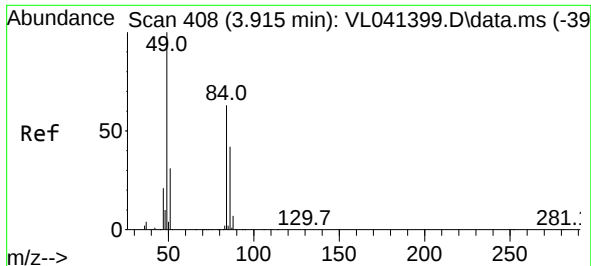
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#19
Isopropyl Alcohol
Concen: 0.804 ppbv m
RT: 3.571 min Scan# 301
Delta R.T. 0.016 min
Lab File: VL041417.D
Acq: 26 Jul 2024 12:05

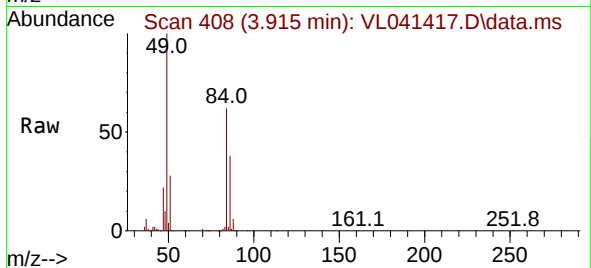
Tgt Ion: 45 Resp: 58253
Ion Ratio Lower Upper
45 100
58 5.0 1.9 2.9#





#20
Methylene Chloride
Concen: 8.426 ppbv
RT: 3.915 min Scan# 408
Delta R.T. -0.000 min
Lab File: VL041417.D
Acq: 26 Jul 2024 12:05

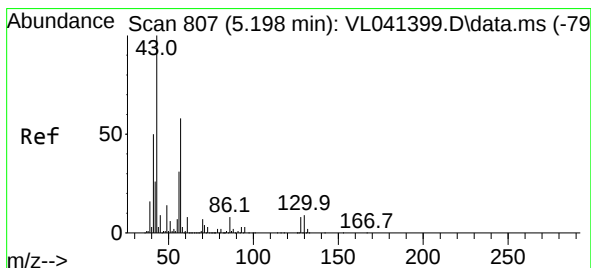
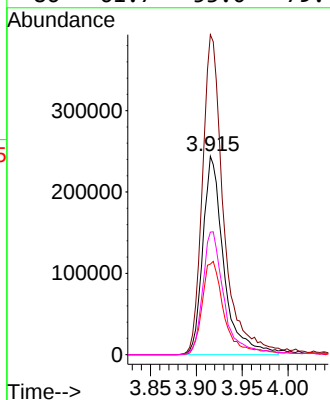
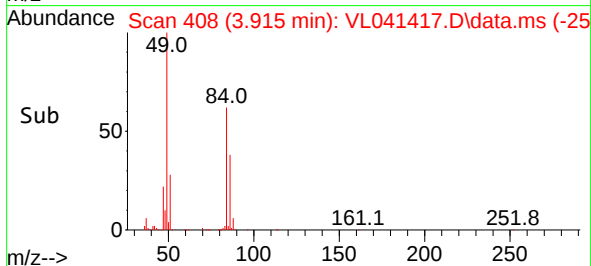
Instrument :
MSVOA_L
ClientSampleId :
1DL



Tgt Ion: 84 Resp: 389233
Ion Ratio Lower Upper
84 100
49 161.3 126.6 190.0
51 45.5 38.6 58.0
86 61.7 53.0 79.4

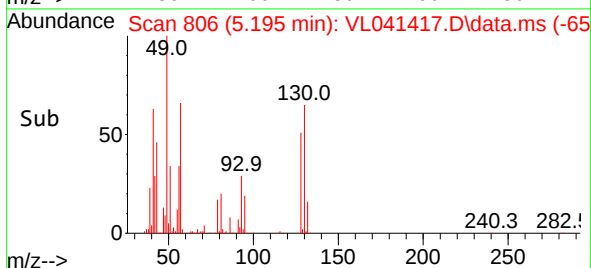
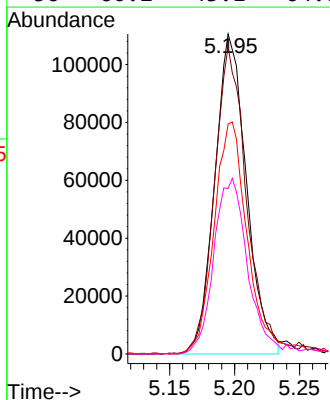
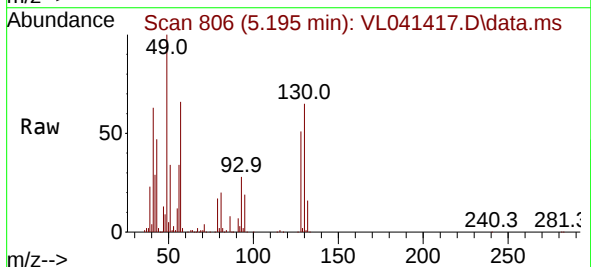
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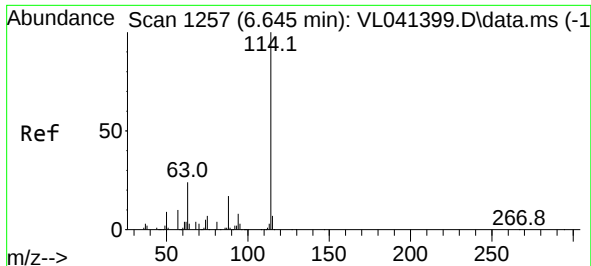
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#26
Hexane
Concen: 1.835 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.003 min
Lab File: VL041417.D
Acq: 26 Jul 2024 12:05

Tgt Ion: 57 Resp: 187362
Ion Ratio Lower Upper
57 100
41 100.4 74.0 111.0
43 79.2 193.6 290.4#
56 60.2 43.1 64.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL041417.D

Acq: 26 Jul 2024 12:05

Instrument :

MSVOA_L

ClientSampleId :

1DL

Tgt Ion:114 Resp: 303659

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

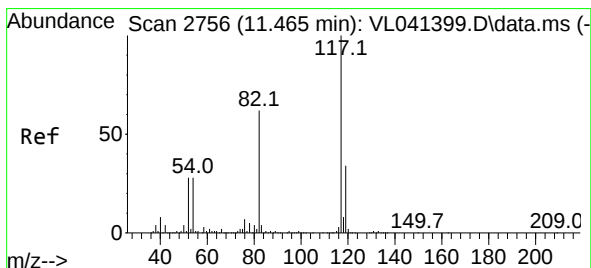
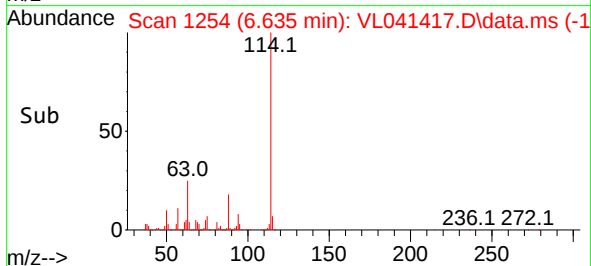
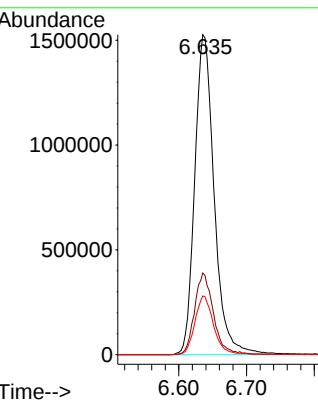
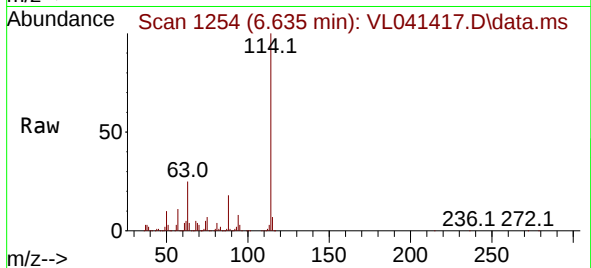
88 17.9 14.3 21.5

Manual Integrations

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Supervised By :Mahesh Dadoda 07/29/2024



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.452 min Scan# 2752

Delta R.T. -0.013 min

Lab File: VL041417.D

Acq: 26 Jul 2024 12:05

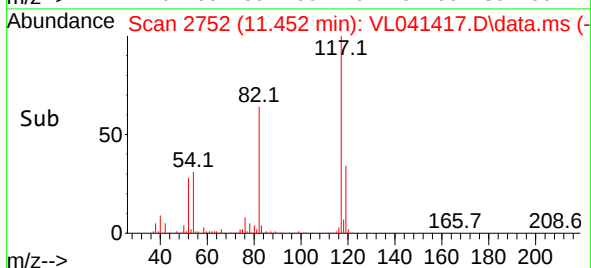
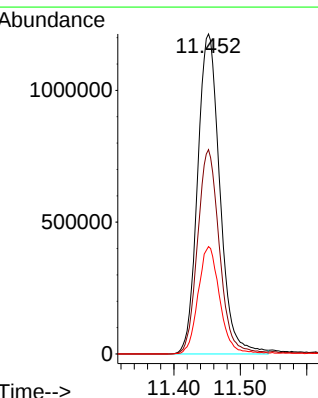
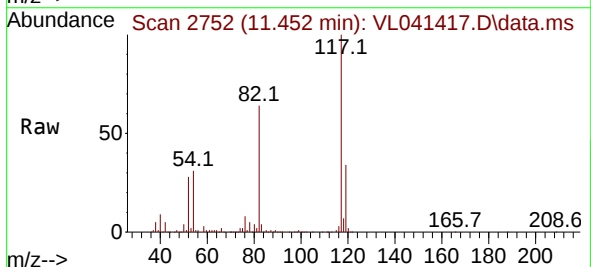
Tgt Ion:117 Resp: 2832978

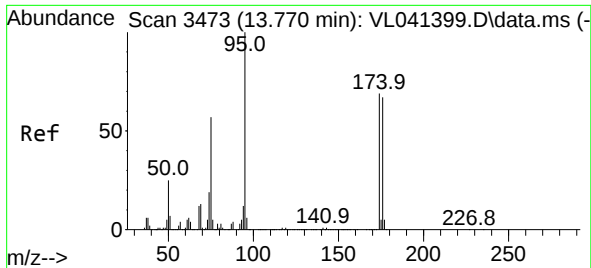
Ion Ratio Lower Upper

117 100

82 63.8 51.0 76.6

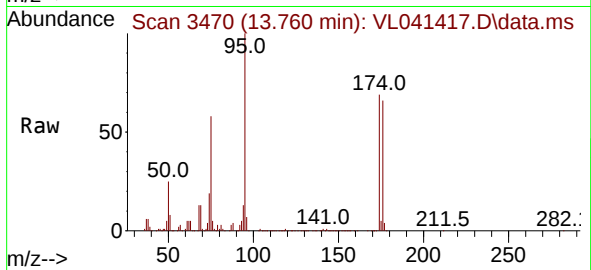
119 33.1 45.2 67.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.852 ppbv
 RT: 13.760 min Scan# 3473
 Delta R.T. -0.010 min
 Lab File: VL041417.D
 Acq: 26 Jul 2024 12:05

Instrument :
 MSVOA_L
 ClientSampleId :
 1DL



Tgt Ion: 95 Resp: 2147910
 Ion Ratio Lower Upper
 95 100
 174 72.1 56.3 84.5
 175 5.1 4.0 6.0

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