

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
 Data File : VL041568.D
 Acq On : 21 Aug 2024 15:34
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024

Quant Time: Aug 22 01:12:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 22 01:12:46 2024
 QLast Update : Thu Aug 22 01:05:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1010362	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2687632	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2438224	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1883752	10.039	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.400%	
Target Compounds						
					Qvalue	
9) Propene	2.722	41	24169	0.437	ppbv	86
13) Ethanol	3.279	45	6524m	1.321	ppbv	
15) Acetone	3.504	43	47391	0.413	ppbv	98
20) Methylene Chloride	3.947	84	16167	0.378	ppbv	96
26) Hexane	5.221	57	16858	0.178	ppbv	# 53
34) 2-Butanone	4.822	43	15421m	0.119	ppbv	
35) Carbon Tetrachloride	6.503	117	6445m	0.043	ppbv	
38) Trichloroethene	7.294	130	4904m	0.055	ppbv	
52) Tetrachloroethene	10.613	164	82482m	1.087	ppbv	

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

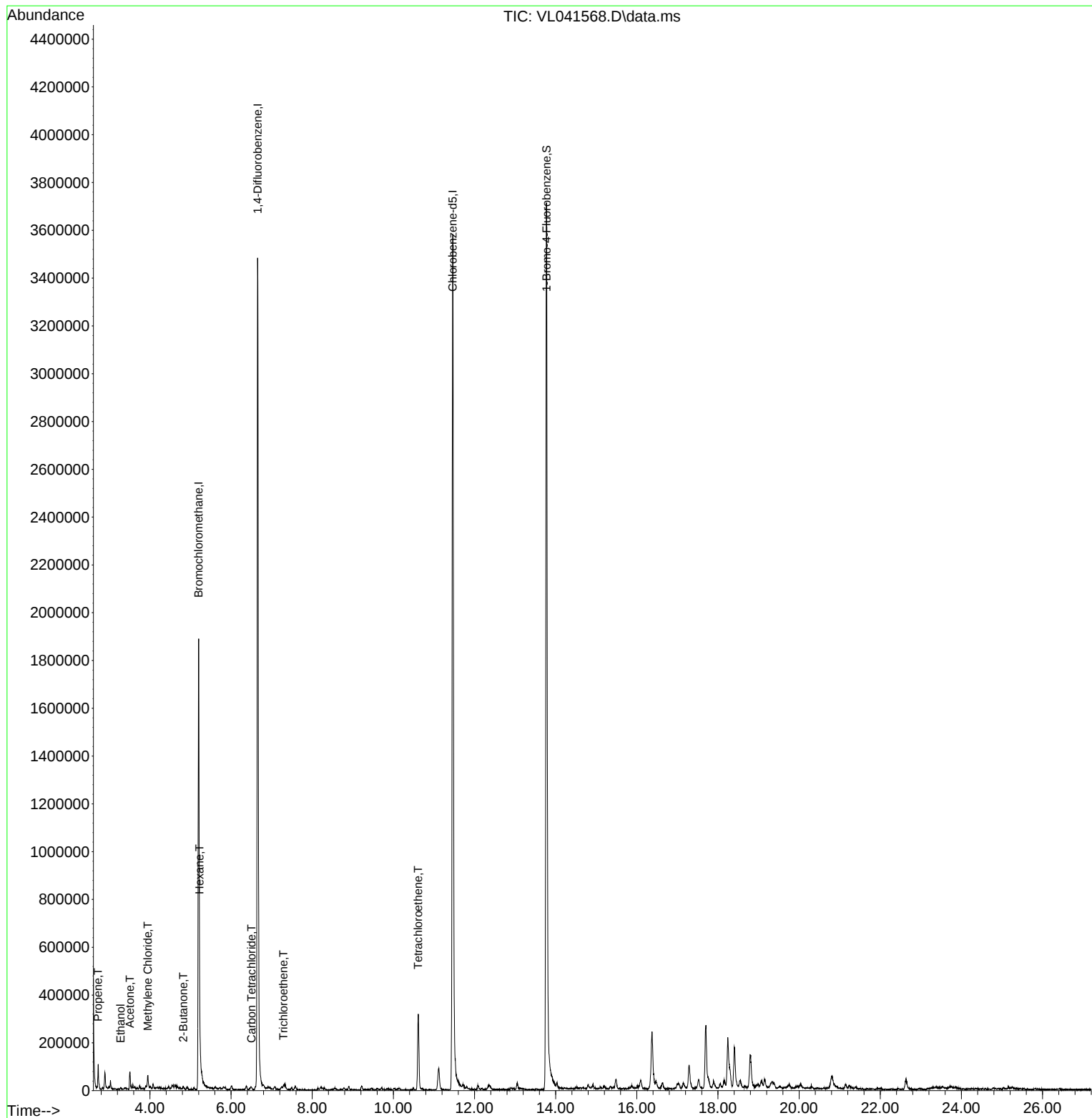
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
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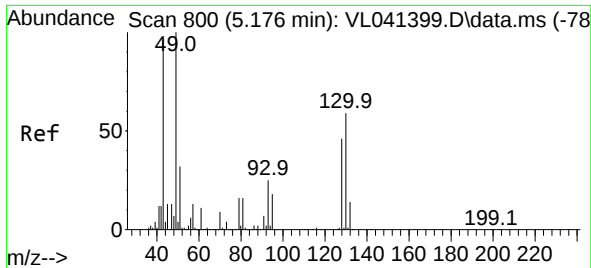
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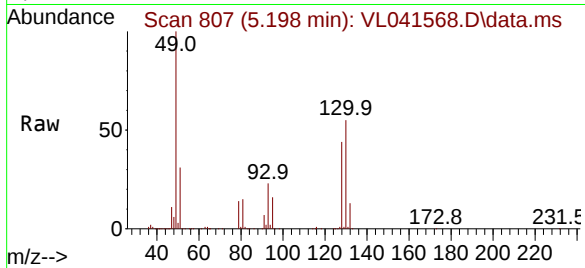
Quant Time: Aug 22 01:12:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Aug 22 01:05:17 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041568.D
Acq: 21 Aug 2024 15:34

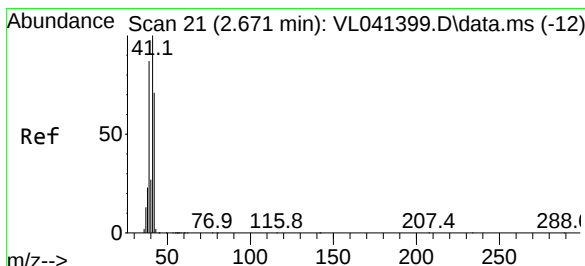
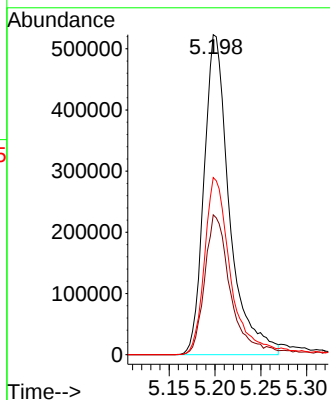
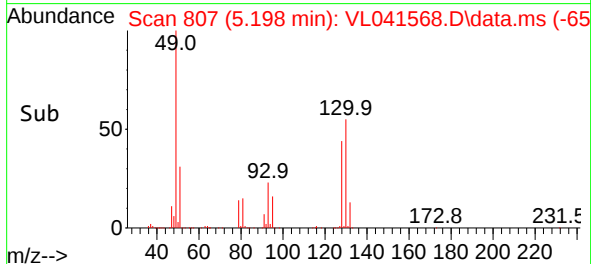
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



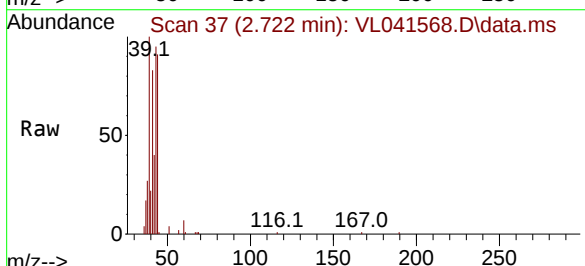
Tgt Ion: 49 Resp: 101036
Ion Ratio Lower Upper
49 100
128 46.8 23.8 71.4
130 59.5 30.8 92.4

Manual Integrations
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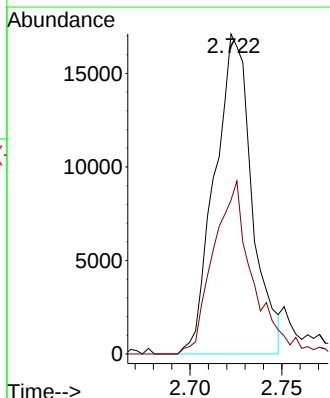
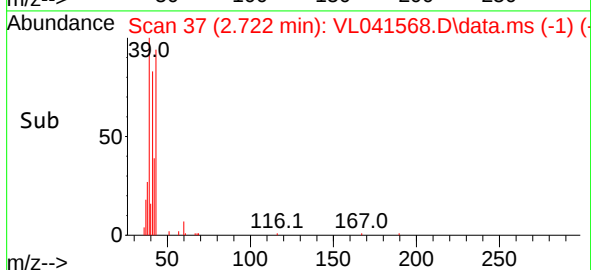
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

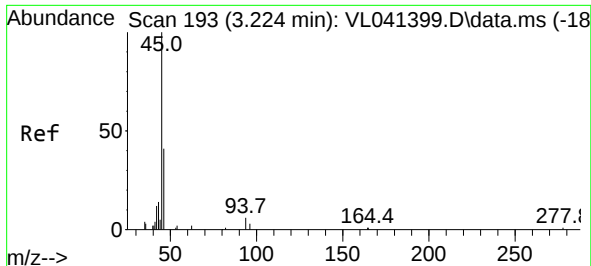


#9
Propene
Concen: 0.437 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.016 min
Lab File: VL041568.D
Acq: 21 Aug 2024 15:34



Tgt Ion: 41 Resp: 24169
Ion Ratio Lower Upper
41 100
42 58.2 55.9 83.9





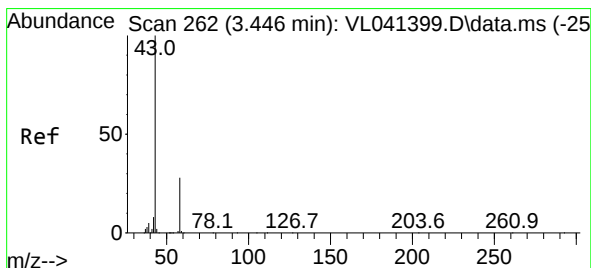
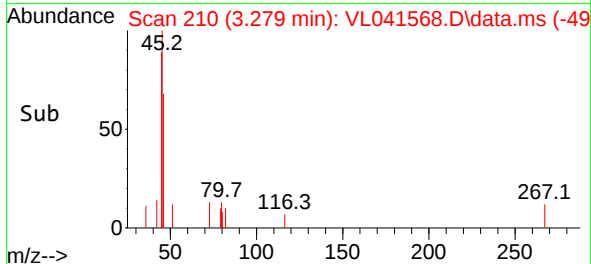
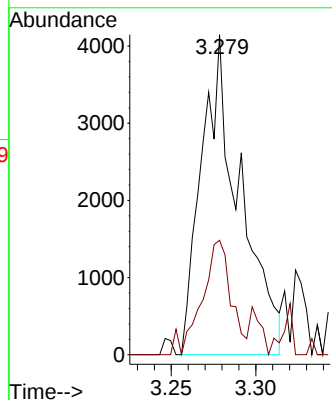
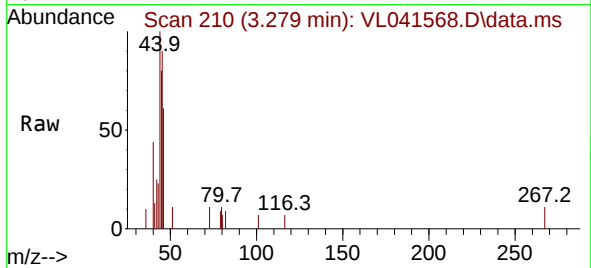
#13
Ethanol
Concen: 1.321 ppbv m
RT: 3.279 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041568.D
Acq: 21 Aug 2024 15:34

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 45 Resp: 6524
Ion Ratio Lower Upper
45 100
46 0.0 13.4 53.4

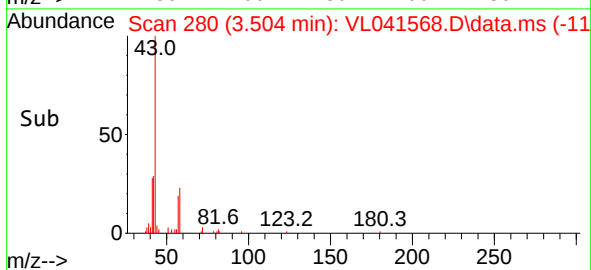
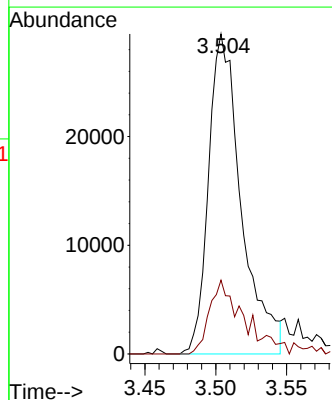
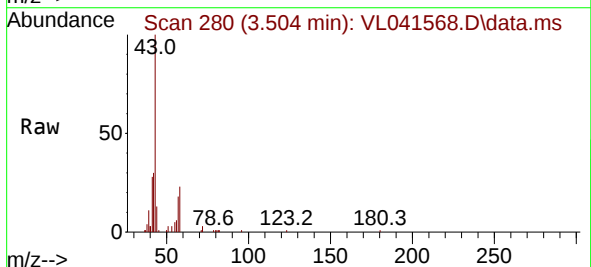
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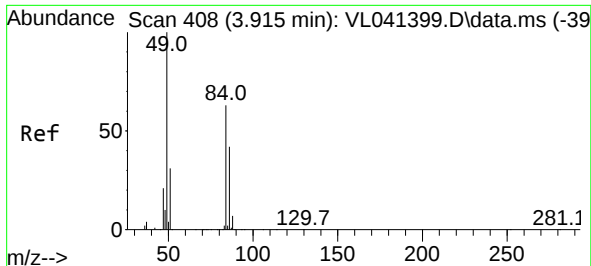
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#15
Acetone
Concen: 0.413 ppbv
RT: 3.504 min Scan# 280
Delta R.T. 0.026 min
Lab File: VL041568.D
Acq: 21 Aug 2024 15:34

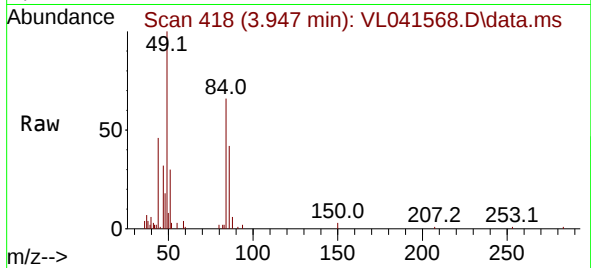
Tgt Ion: 43 Resp: 47391
Ion Ratio Lower Upper
43 100
58 25.9 21.4 32.2





#20
Methylene Chloride
Concen: 0.378 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.006 min
Lab File: VL041568.D
Acq: 21 Aug 2024 15:34

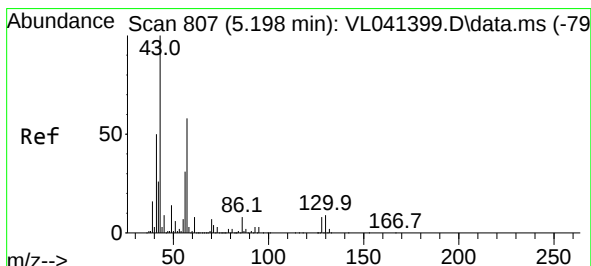
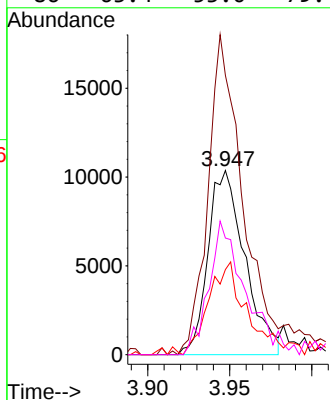
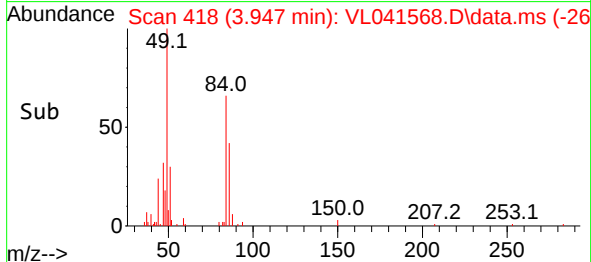
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



Tgt Ion: 84	Resp: 1616
Ion Ratio	Lower Upper
84 100	
49 151.6	126.6 190.0
51 48.5	38.6 58.0
86 63.4	53.0 79.4

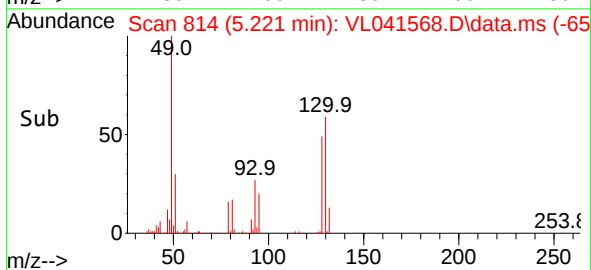
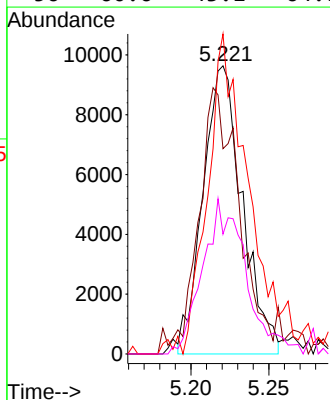
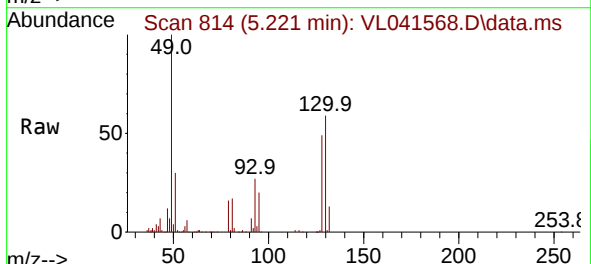
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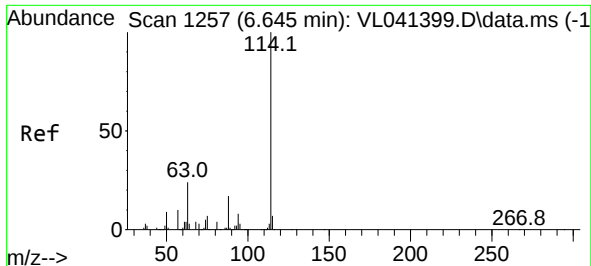
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#26
Hexane
Concen: 0.178 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.003 min
Lab File: VL041568.D
Acq: 21 Aug 2024 15:34

Tgt Ion: 57	Resp: 16858
Ion Ratio	Lower Upper
57 100	
41 103.3	74.0 111.0
43 125.4	193.6 290.4#
56 60.6	43.1 64.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL041568.D

Acq: 21 Aug 2024 15:34

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion:114 Resp: 268763

Ion Ratio Lower Upper

114 100

63 25.2 20.3 30.5

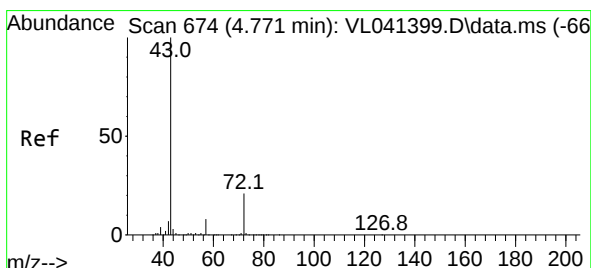
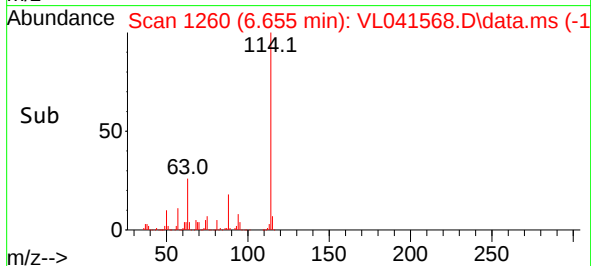
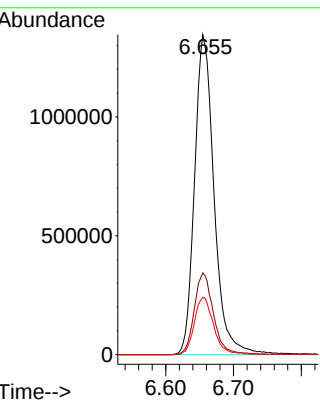
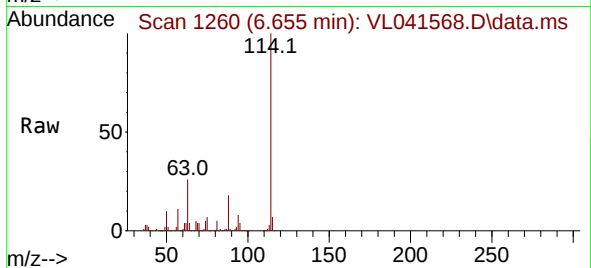
88 18.0 14.3 21.5

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#34

2-Butanone

Concen: 0.119 ppbv m

RT: 4.822 min Scan# 690

Delta R.T. 0.029 min

Lab File: VL041568.D

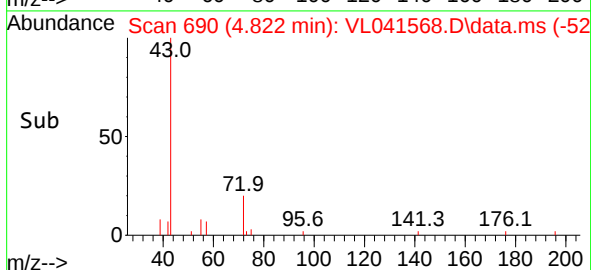
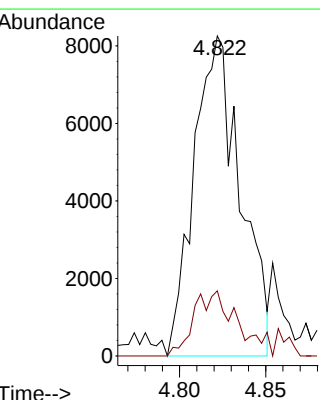
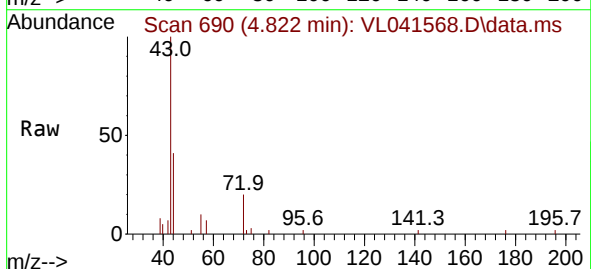
Acq: 21 Aug 2024 15:34

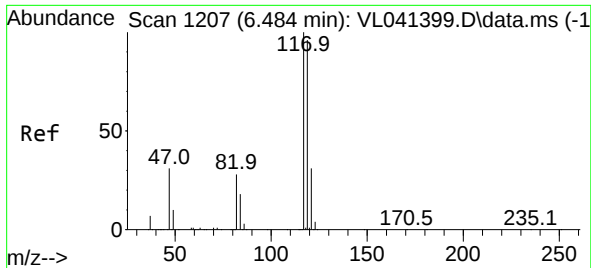
Tgt Ion: 43 Resp: 15421

Ion Ratio Lower Upper

43 100

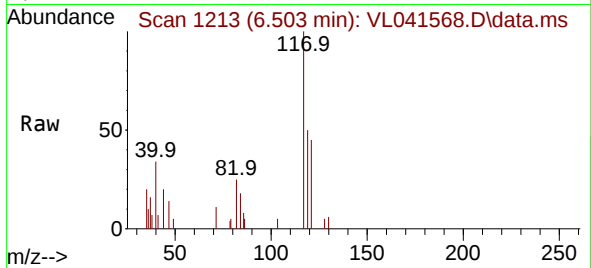
72 21.2 17.3 25.9





#35
Carbon Tetrachloride
Concen: 0.043 ppbv m
RT: 6.503 min Scan# 117
Delta R.T. 0.006 min
Lab File: VL041568.D
Acq: 21 Aug 2024 15:34

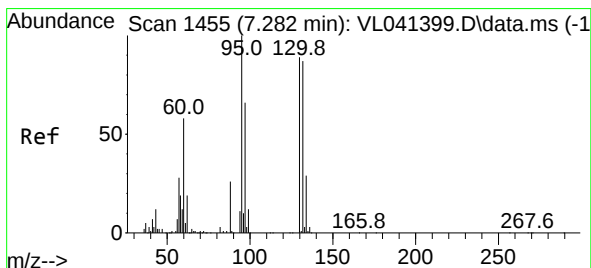
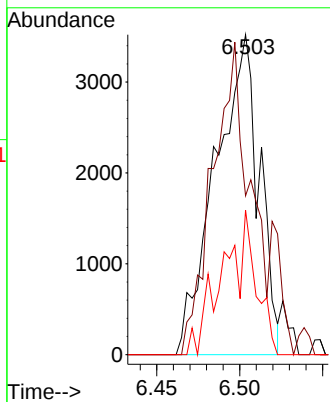
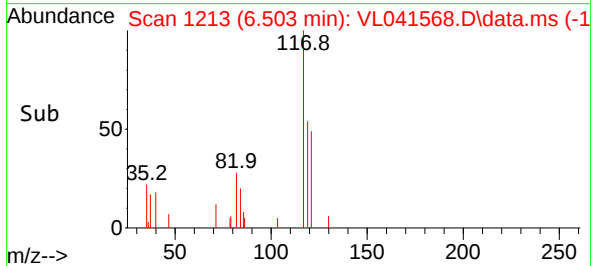
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



Tgt Ion:117 Resp: 644
Ion Ratio Lower Upper
117 100
119 49.6 76.6 115.0
121 45.2 25.1 37.7

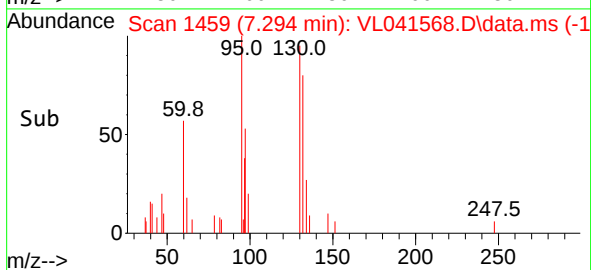
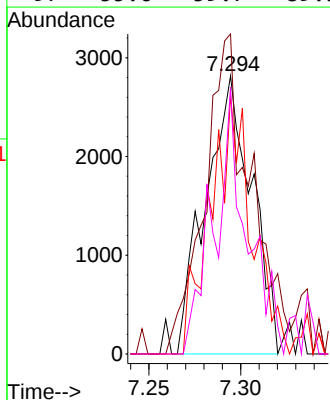
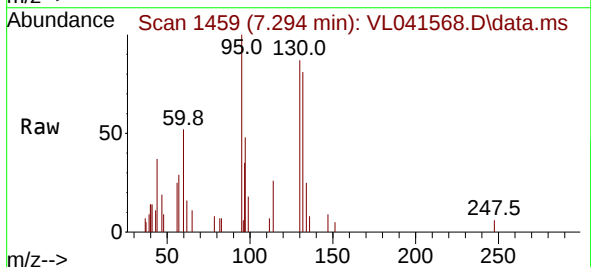
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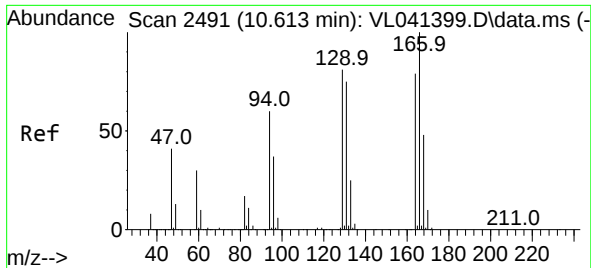
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#38
Trichloroethene
Concen: 0.055 ppbv m
RT: 7.294 min Scan# 1459
Delta R.T. 0.003 min
Lab File: VL041568.D
Acq: 21 Aug 2024 15:34

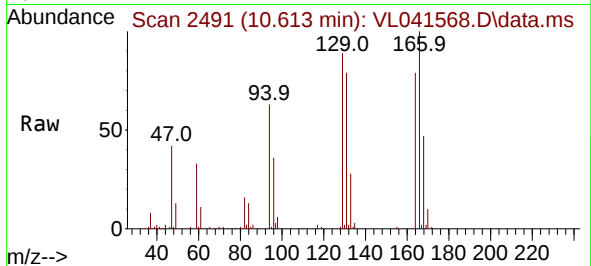
Tgt Ion:130 Resp: 4904
Ion Ratio Lower Upper
130 100
95 115.1 90.2 135.2
132 93.0 78.1 117.1
97 55.6 59.7 89.5





#52
Tetrachloroethene
Concen: 1.087 ppbv m
RT: 10.613 min Scan# 2491
Delta R.T. -0.003 min
Lab File: VL041568.D
Acq: 21 Aug 2024 15:34

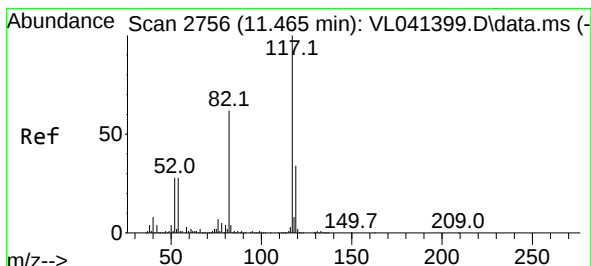
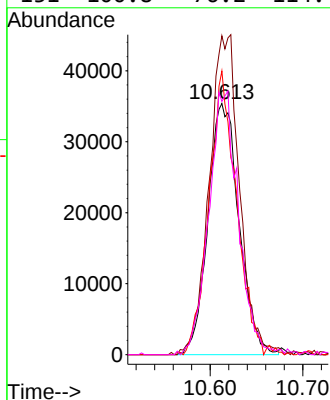
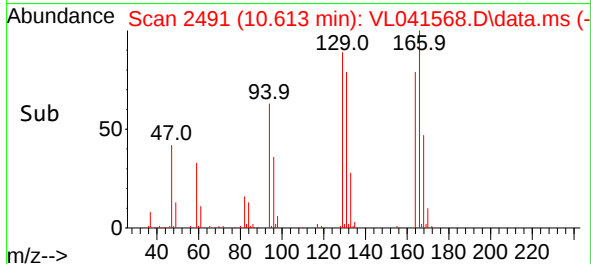
Instrument :
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VIBLK



Tgt Ion:164 Resp: 8248
Ion Ratio Lower Upper
164 100
166 126.9 101.1 151.7
129 112.9 81.7 122.5
131 100.8 76.2 114.4

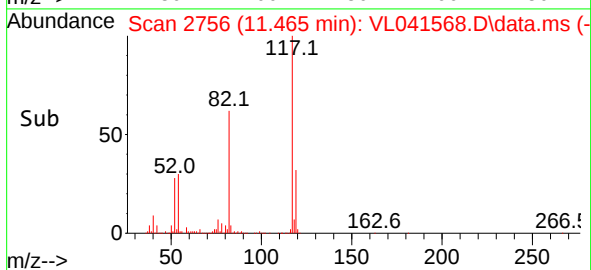
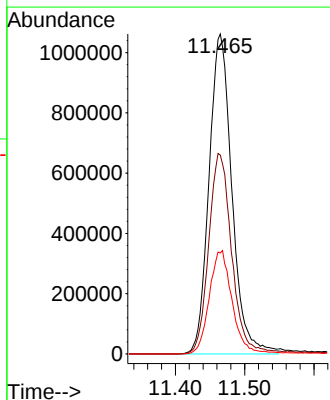
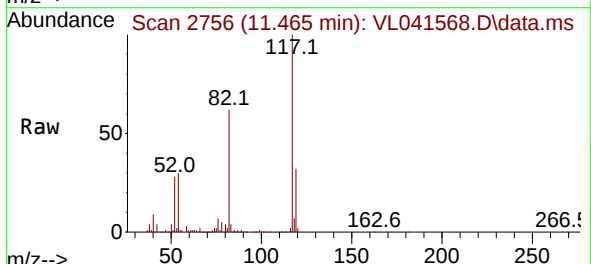
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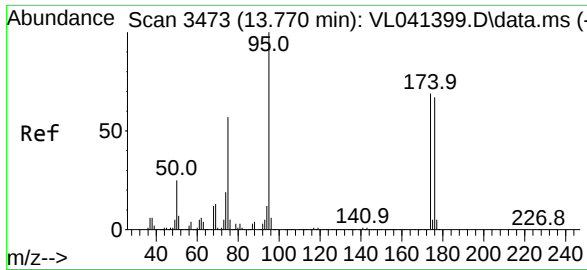
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. -0.000 min
Lab File: VL041568.D
Acq: 21 Aug 2024 15:34

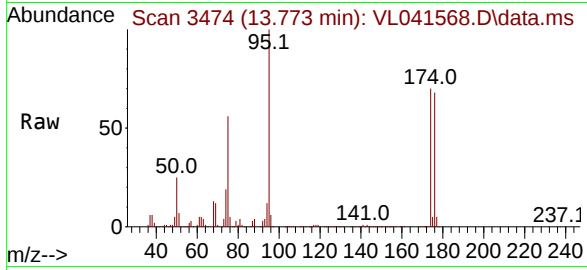
Tgt Ion:117 Resp: 2438224
Ion Ratio Lower Upper
117 100
82 63.5 51.0 76.6
119 33.1 45.2 67.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.039 ppbv
 RT: 13.773 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VL041568.D
 Acq: 21 Aug 2024 15:34

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK



Tgt Ion: 95 Resp: 1883752
 Ion Ratio Lower Upper
 95 100
 174 70.6 56.3 84.5
 175 5.0 4.0 6.0

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