

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
 Data File : VL041325.D
 Acq On : 5 Jun 2024 13:24
 Operator : SY/MD
 Sample : P2673-06DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOC-4-AMBIENTDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024

Quant Time: Jun 06 04:38:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
 QLast Update : Wed Jun 05 04:42:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	900244	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2361470	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2143680	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1684117	10.175	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.761	85	17031m	0.118	ppbv	
4) Chloromethane	2.848	50	7250m	0.135	ppbv	
13) Ethanol	3.282	45	23768m	1.803	ppbv	
15) Acetone	3.501	43	275230	2.678	ppbv	100
20) Methylene Chloride	3.960	84	308779	8.265	ppbv	97
26) Hexane	5.234	57	319755	3.497	ppbv #	42

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

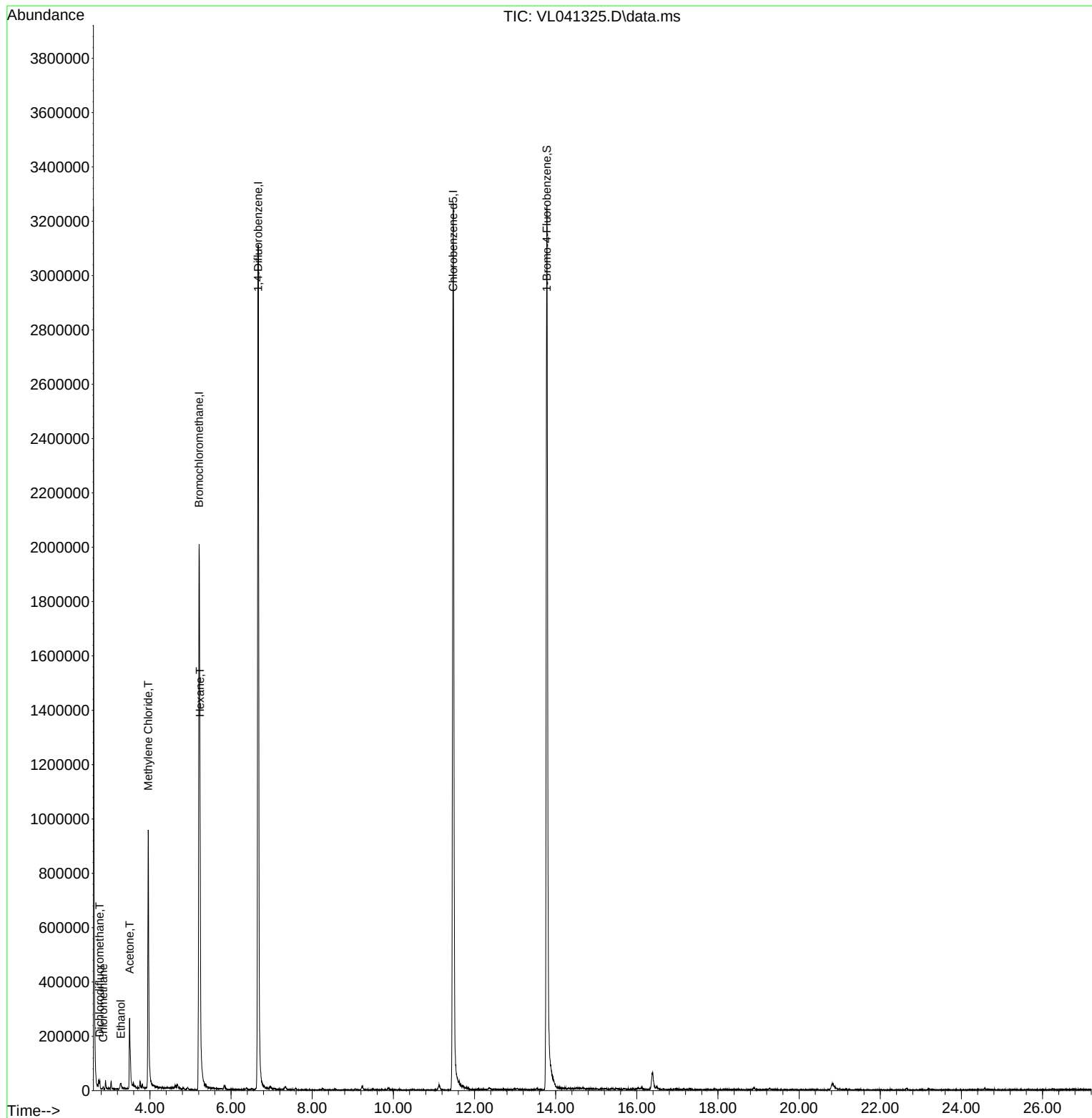
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
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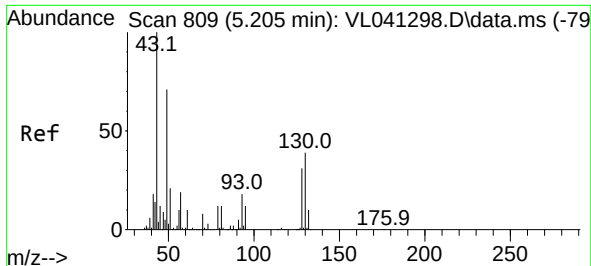
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
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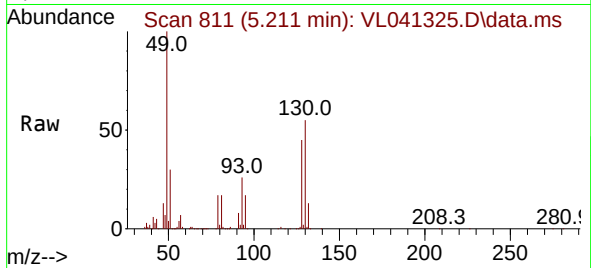
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL041325.D
Acq: 5 Jun 2024 13:24

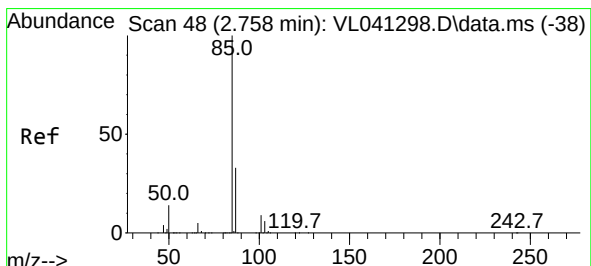
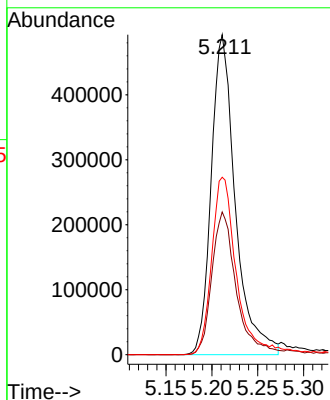
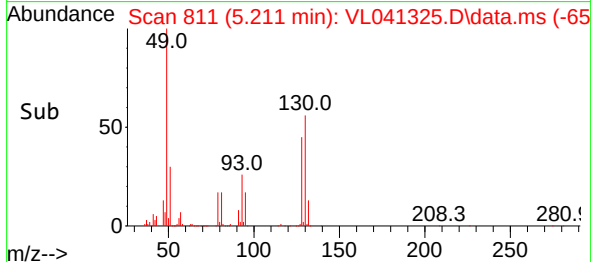
Instrument :
MSVOA_L
ClientSampleId :
LOC-4-AMBIENTDL



Tgt Ion: 49 Resp: 900244
Ion Ratio Lower Upper
49 100
128 47.2 22.8 68.3
130 59.1 28.4 85.3

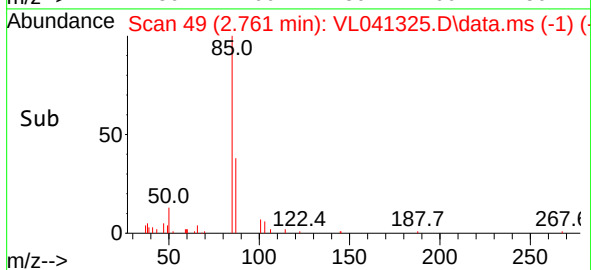
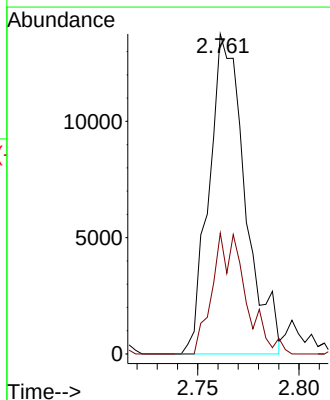
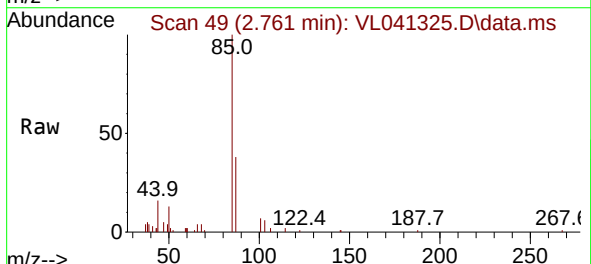
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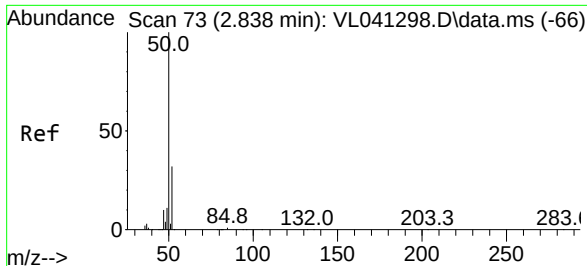
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#2
Dichlorodifluoromethane
Concen: 0.118 ppbv m
RT: 2.761 min Scan# 49
Delta R.T. 0.003 min
Lab File: VL041325.D
Acq: 5 Jun 2024 13:24

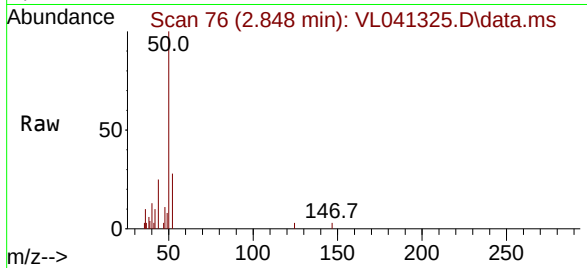
Tgt Ion: 85 Resp: 17031
Ion Ratio Lower Upper
85 100
87 37.8 26.5 39.7





#4
Chloromethane
Concen: 0.135 ppbv m
RT: 2.848 min Scan# 73
Delta R.T. 0.010 min
Lab File: VL041325.D
Acq: 5 Jun 2024 13:24

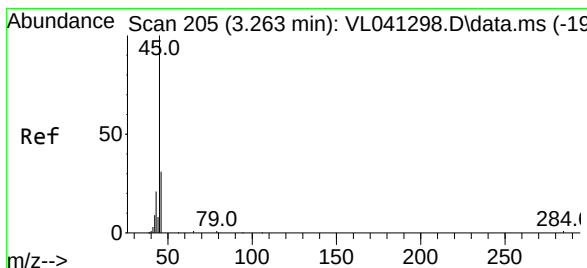
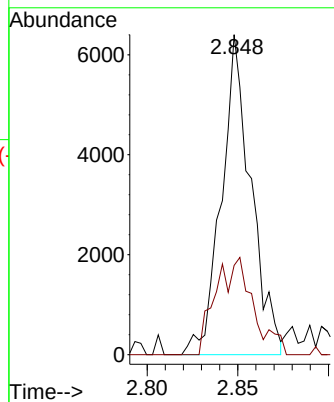
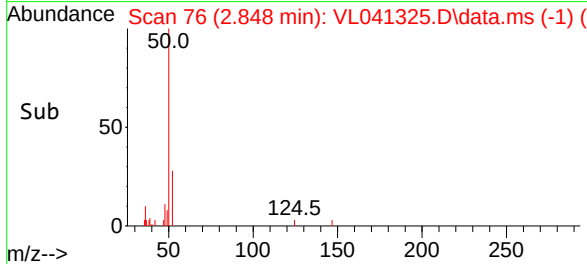
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Tgt Ion: 50 Resp: 7250
Ion Ratio Lower Upper
50 100
52 27.9 25.6 38.4

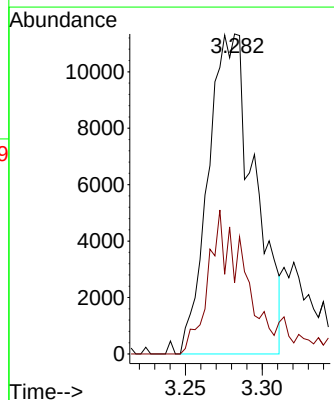
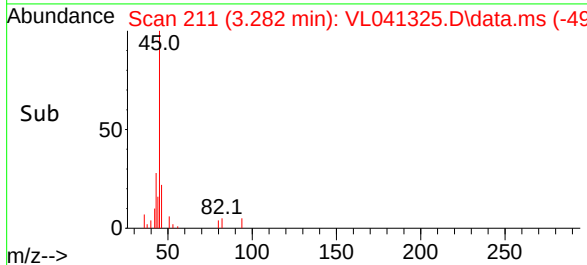
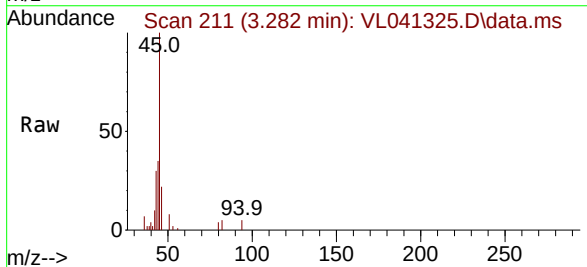
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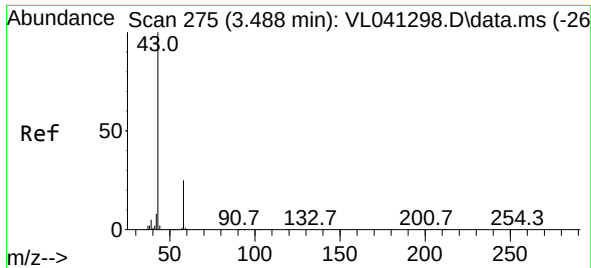
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#13
Ethanol
Concen: 1.803 ppbv m
RT: 3.282 min Scan# 211
Delta R.T. 0.019 min
Lab File: VL041325.D
Acq: 5 Jun 2024 13:24

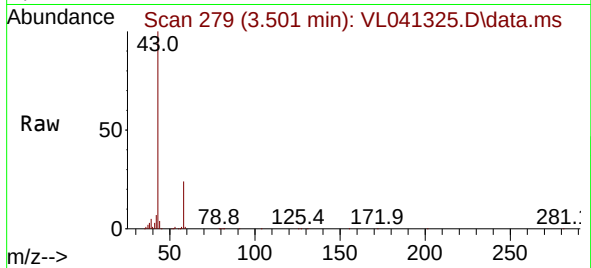
Tgt Ion: 45 Resp: 23768
Ion Ratio Lower Upper
45 100
46 44.8 14.2 56.6





#15
Acetone
Concen: 2.678 ppbv
RT: 3.501 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041325.D
Acq: 5 Jun 2024 13:24

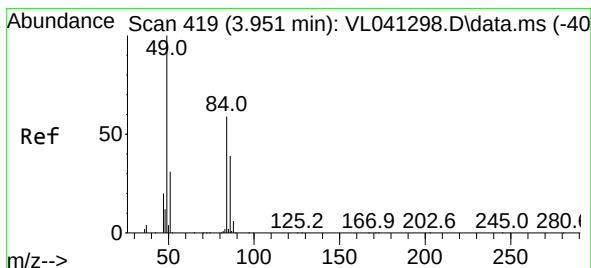
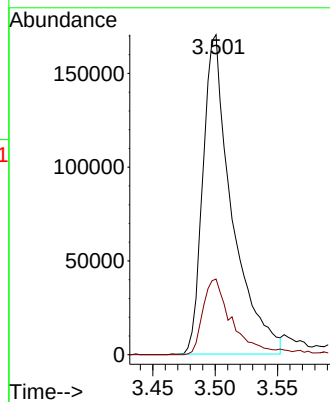
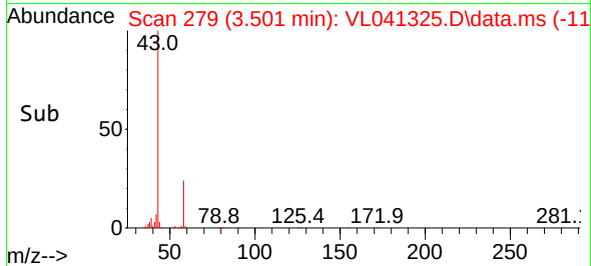
Instrument :
MSVOA_L
ClientSampleId :
LOC-4-AMBIENTDL



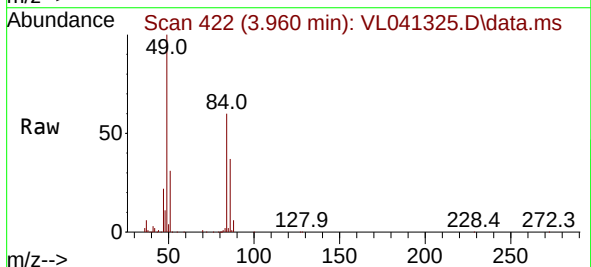
Tgt Ion: 43 Resp: 275230
Ion Ratio Lower Upper
43 100
58 25.8 20.6 31.0

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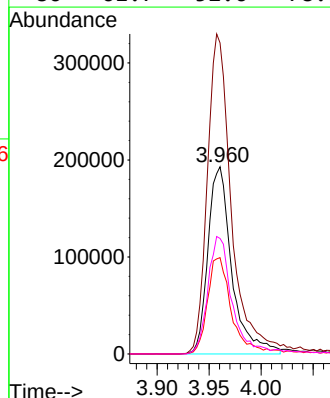
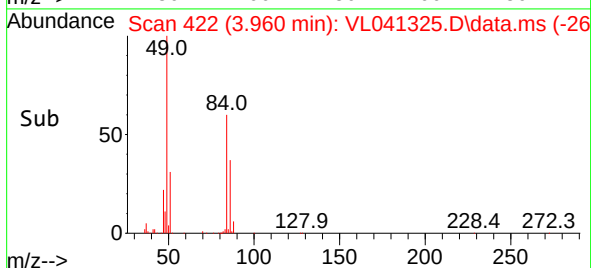
Reviewed By :Semsettin Yesilyurt 06/06/2024
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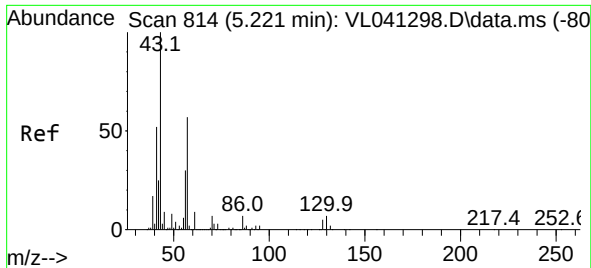


#20
Methylene Chloride
Concen: 8.265 ppbv
RT: 3.960 min Scan# 422
Delta R.T. 0.010 min
Lab File: VL041325.D
Acq: 5 Jun 2024 13:24



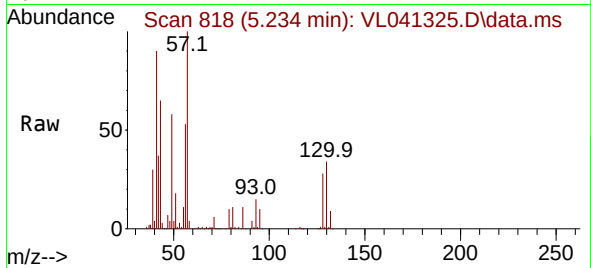
Tgt Ion: 84 Resp: 308779
Ion Ratio Lower Upper
84 100
49 166.0 136.2 204.2
51 51.5 41.9 62.9
86 61.7 52.6 78.8





#26
Hexane
Concen: 3.497 ppbv
RT: 5.234 min Scan# 814
Delta R.T. 0.013 min
Lab File: VL041325.D
Acq: 5 Jun 2024 13:24

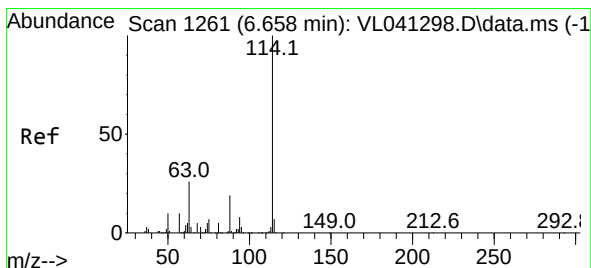
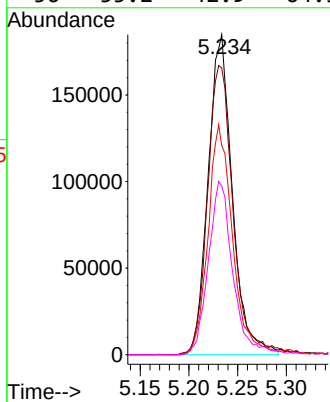
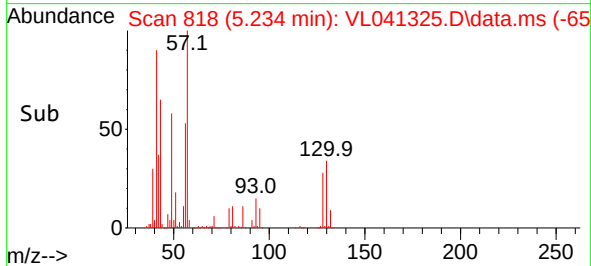
Instrument :
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ClientSampleId :
LOC-4-AMBIENTDL



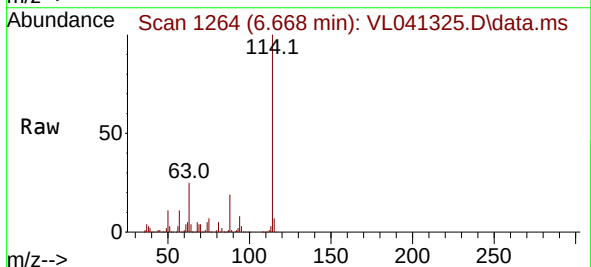
Tgt Ion: 57 Resp: 31975
Ion Ratio Lower Upper
57 100
41 96.3 77.1 115.7
43 73.9 186.1 279.1
56 55.2 42.9 64.3

Manual Integrations
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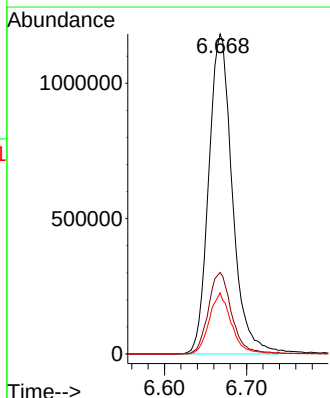
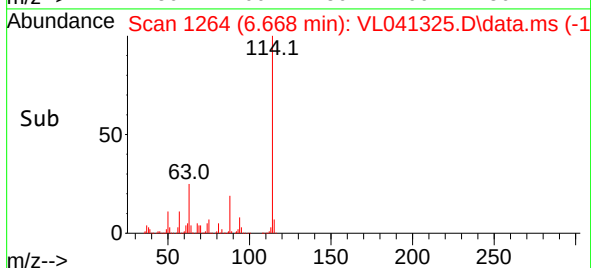
Reviewed By :Semsettin Yesilyurt 06/06/2024
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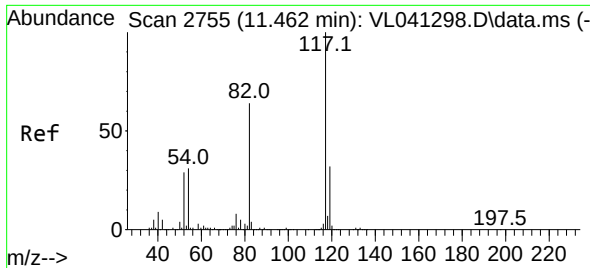


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VL041325.D
Acq: 5 Jun 2024 13:24



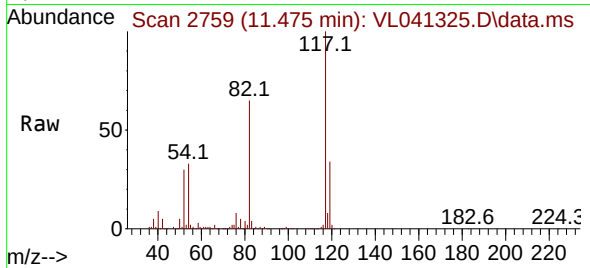
Tgt Ion:114 Resp: 2361470
Ion Ratio Lower Upper
114 100
63 25.7 20.6 30.8
88 18.1 14.5 21.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041325.D
Acq: 5 Jun 2024 13:24

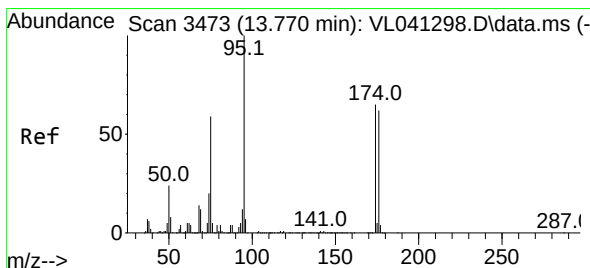
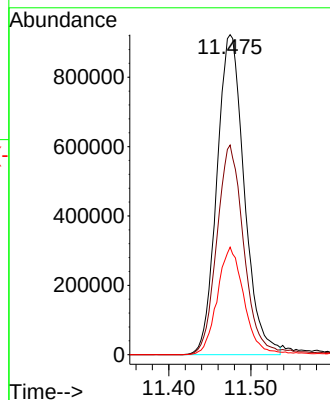
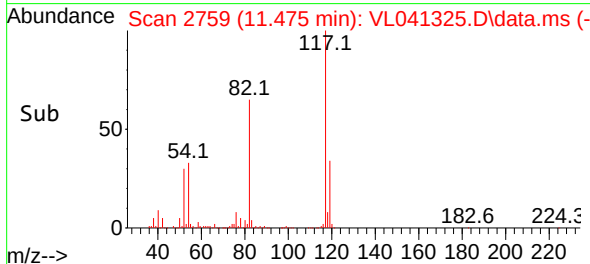
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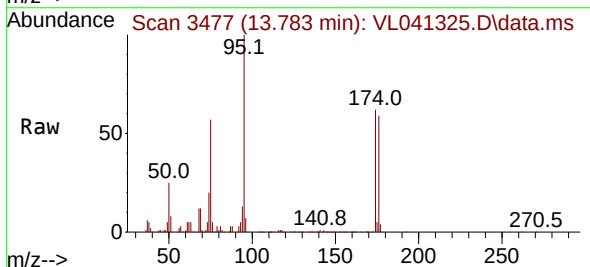
Tgt Ion: 117 Resp: 2143680
Ion Ratio Lower Upper
117 100
82 66.2 52.3 78.5
119 33.3 26.2 39.2

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.175 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. 0.013 min
Lab File: VL041325.D
Acq: 5 Jun 2024 13:24



Tgt Ion: 95 Resp: 1684117
Ion Ratio Lower Upper
95 100
174 65.0 52.2 78.2
175 4.6 4.1 6.1

