

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
 Data File : VL041310.D
 Acq On : 4 Jun 2024 18:06
 Operator : SY/MD
 Sample : P2673-06DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOC-4-AMBIENTDUP

Quant Time: Jun 05 05:29:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Jun 05 04:42:10 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

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

Internal Standards						
1) Bromochloromethane	5.205	49	732765	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	1867582	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	1802325	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1322687	9.505	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.761	85	51200	0.438	ppbv	95
3) Chlorodifluoromethane	2.710	51	33087	0.286	ppbv	97
4) Chloromethane	2.841	50	27741	0.636	ppbv	99
9) Propene	2.735	41	12942	0.314	ppbv #	75
11) Trichlorofluoromethane	3.587	101	28547	0.265	ppbv	88
12) 1,1,2-Trichlorotrifluo...	4.086	101	6344m	0.083	ppbv	
13) Ethanol	3.272	45	70440	6.564	ppbv	96
15) Acetone	3.494	43	247225	2.955	ppbv	98
20) Methylene Chloride	3.954	84	720736	23.702	ppbv	99
26) Hexane	5.227	57	940310	12.633	ppbv #	41
34) 2-Butanone	4.816	43	18455	0.206	ppbv #	89
35) Carbon Tetrachloride	6.504	117	10293m	0.097	ppbv	
36) Benzene	6.375	78	10449m	0.072	ppbv	
53) Toluene	9.221	91	27432m	0.165	ppbv	

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

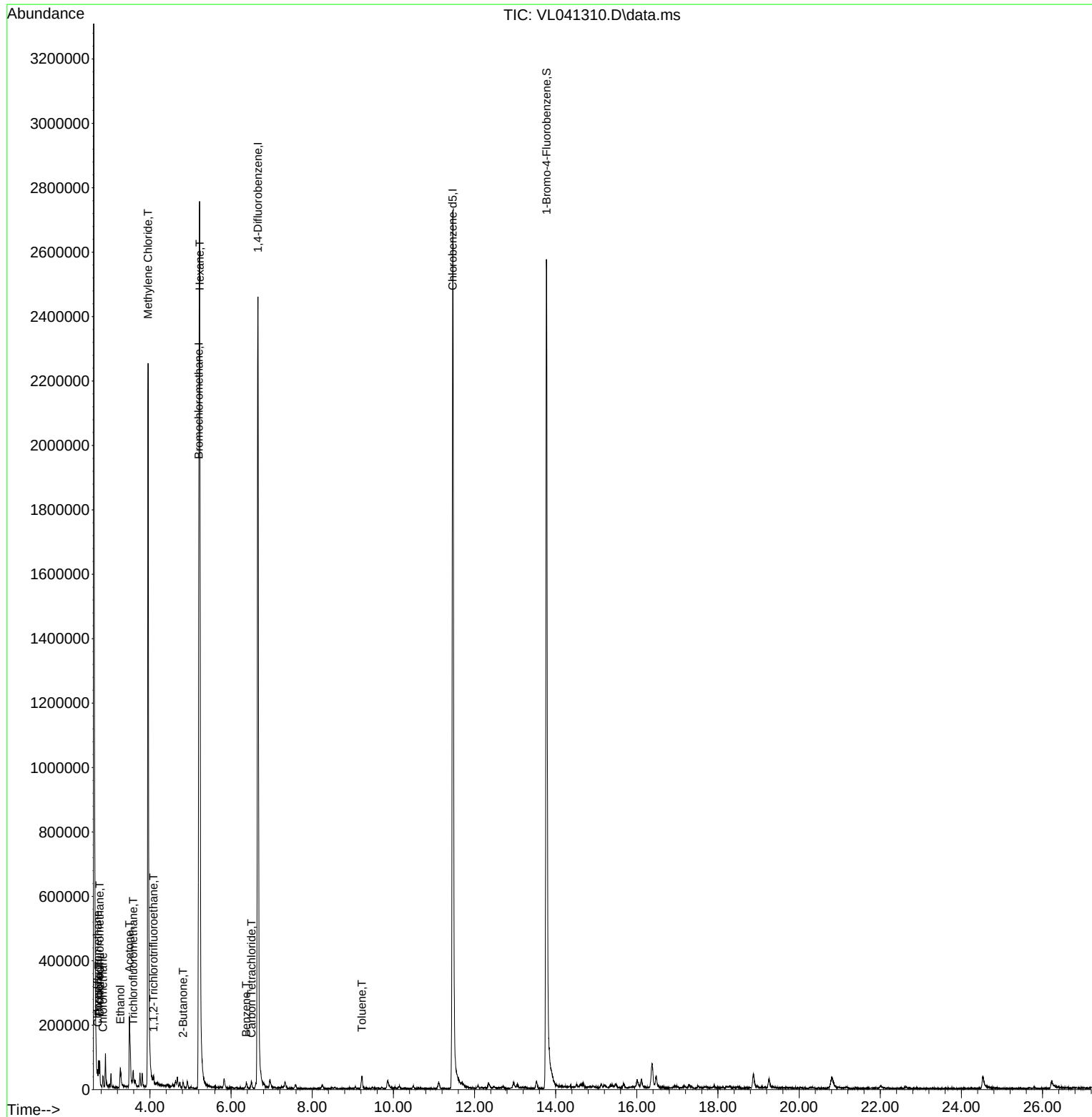
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
Data File : VL041310.D
Acq On : 4 Jun 2024 18:06
Operator : SY/MD
Sample : P2673-06DUP
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

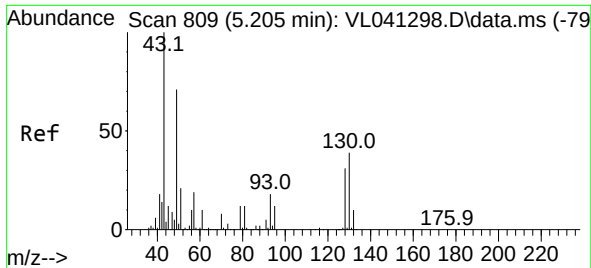
Instrument :
MSVOA_L
ClientSampleId :
LOC-4-AMBIENTDUP

Quant Time: Jun 05 05:29:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Jun 05 04:42:10 2024
Response via : Initial Calibration

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Supervised By : Mahesh Dadoda 06/05/2024





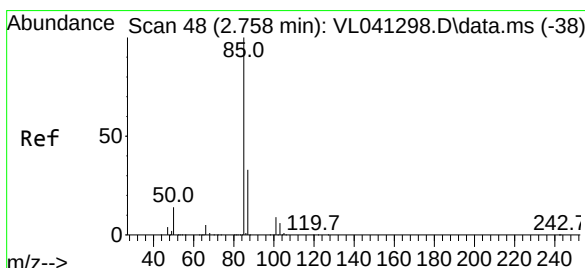
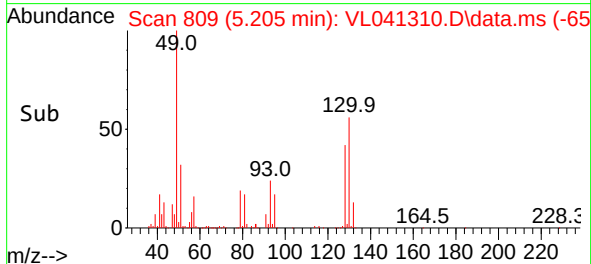
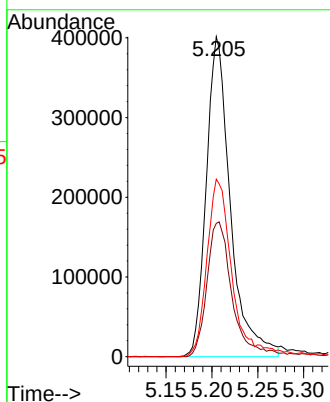
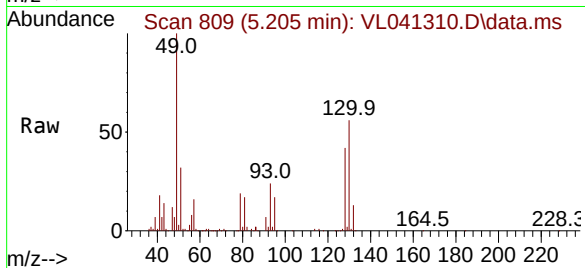
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.000 min
Lab File: VL041310.D
Acq: 4 Jun 2024 18:06

Instrument :
MSVOA_L
ClientSampleId :
LOC-4-AMBIENTDUP

Tgt Ion: 49 Resp: 73276
Ion Ratio Lower Upper
49 100
128 45.2 22.8 68.3
130 59.9 28.4 85.3

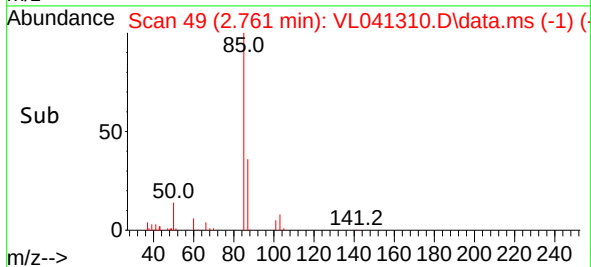
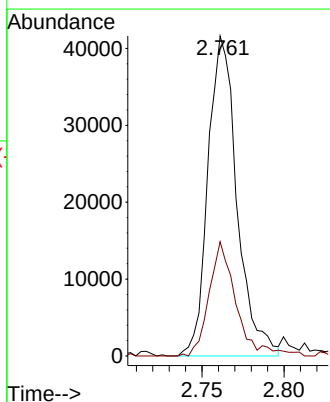
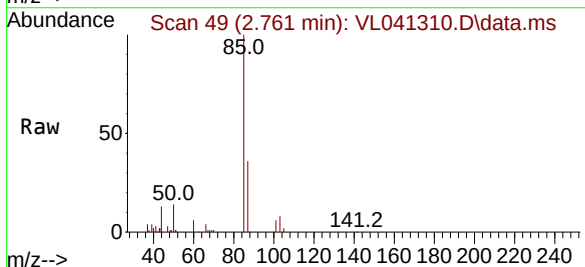
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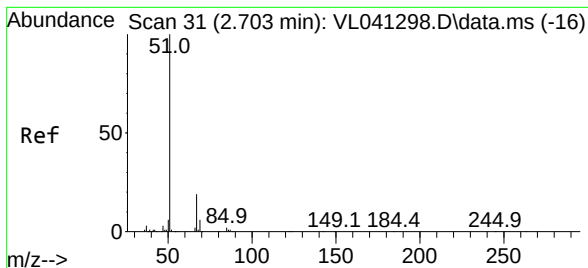
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#2
Dichlorodifluoromethane
Concen: 0.438 ppbv
RT: 2.761 min Scan# 49
Delta R.T. 0.003 min
Lab File: VL041310.D
Acq: 4 Jun 2024 18:06

Tgt Ion: 85 Resp: 51200
Ion Ratio Lower Upper
85 100
87 35.7 26.5 39.7





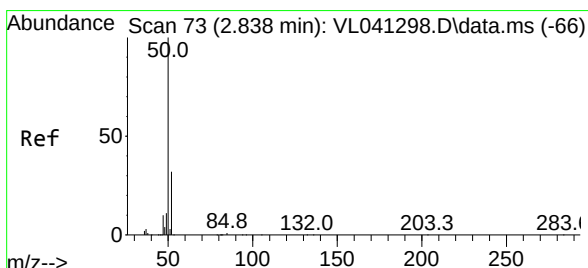
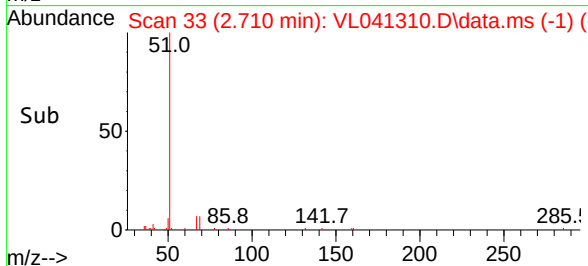
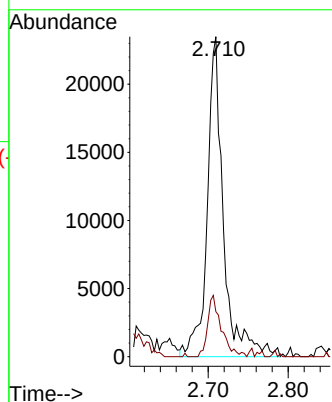
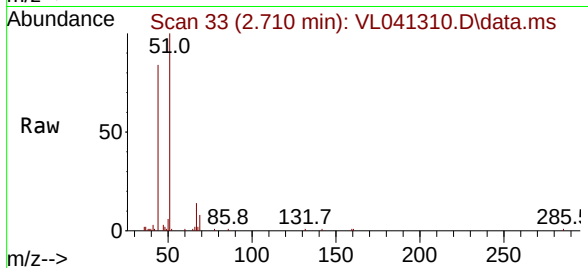
#3
Chlorodifluoromethane
Concen: 0.286 ppbv
RT: 2.710 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041310.D
Acq: 4 Jun 2024 18:06

Instrument :
MSVOA_L
ClientSampleId :
LOC-4-AMBIENTDUP

Tgt Ion: 51 Resp: 3308
Ion Ratio Lower Upper
51 100
67 17.3 14.7 22.1

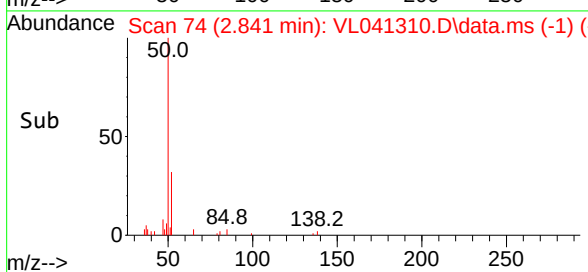
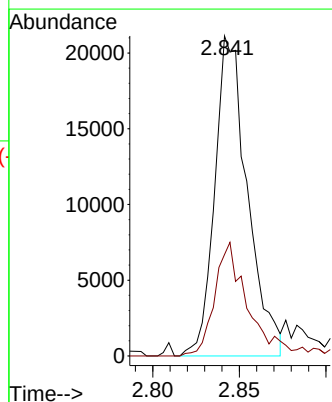
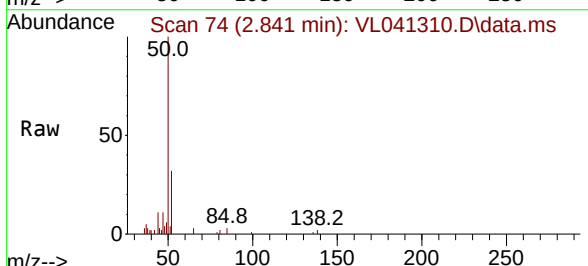
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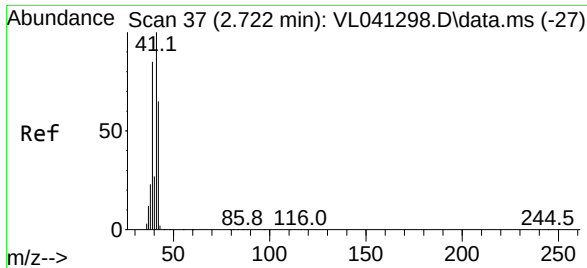
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#4
Chloromethane
Concen: 0.636 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.003 min
Lab File: VL041310.D
Acq: 4 Jun 2024 18:06

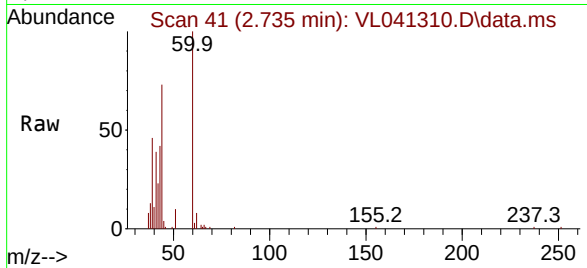
Tgt Ion: 50 Resp: 27741
Ion Ratio Lower Upper
50 100
52 31.7 25.6 38.4





#9
Propene
Concen: 0.314 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL041310.D
Acq: 4 Jun 2024 18:06

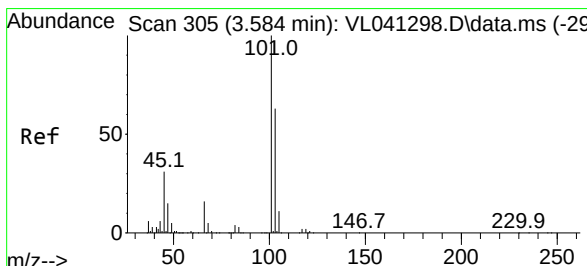
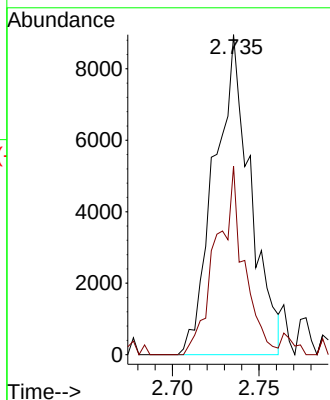
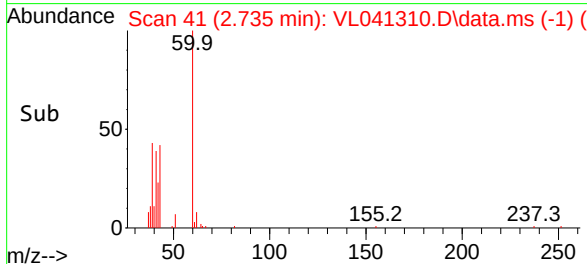
Instrument :
MSVOA_L
ClientSampleId :
LOC-4-AMBIENTDUP



Tgt Ion: 41 Resp: 1294
Ion Ratio Lower Upper
41 100
42 48.6 55.2 82.8

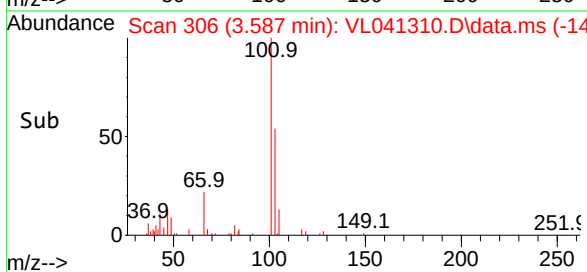
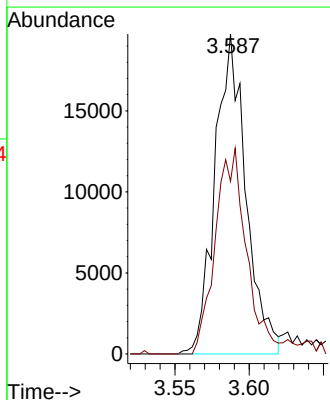
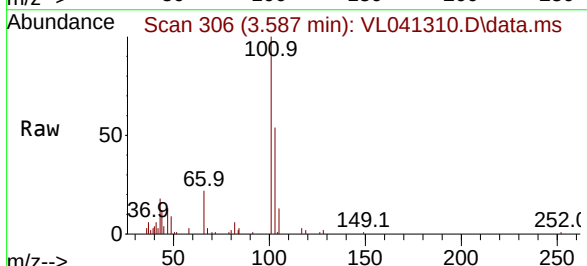
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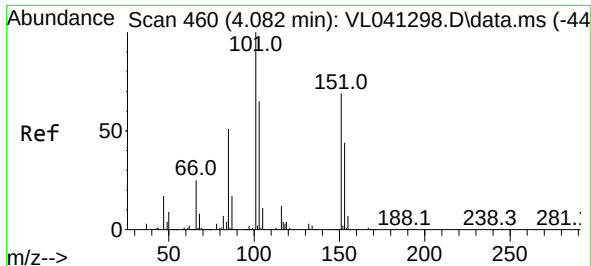
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#11
Trichlorofluoromethane
Concen: 0.265 ppbv
RT: 3.587 min Scan# 306
Delta R.T. 0.003 min
Lab File: VL041310.D
Acq: 4 Jun 2024 18:06

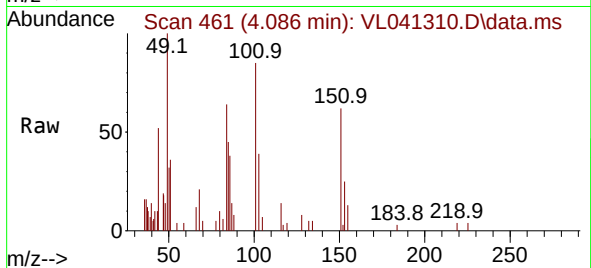
Tgt Ion:101 Resp: 28547
Ion Ratio Lower Upper
101 100
103 54.0 50.6 76.0





#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.083 ppbv m
RT: 4.086 min Scan# 4
Delta R.T. 0.003 min
Lab File: VL041310.D
Acq: 4 Jun 2024 18:06

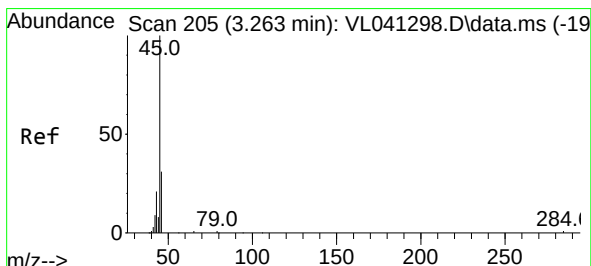
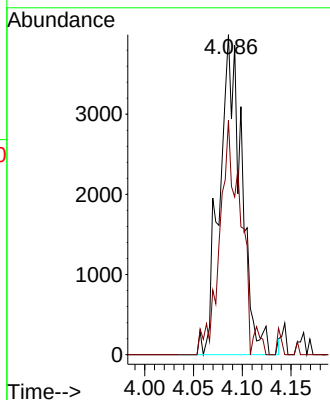
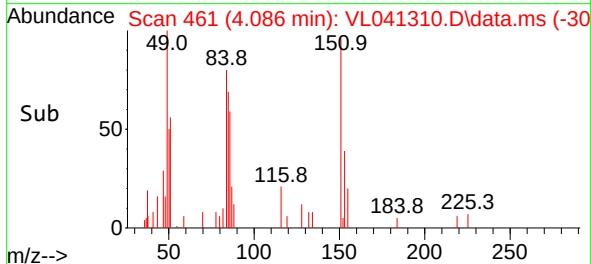
Instrument :
MSVOA_L
ClientSampleId :
LOC-4-AMBIENTDUP



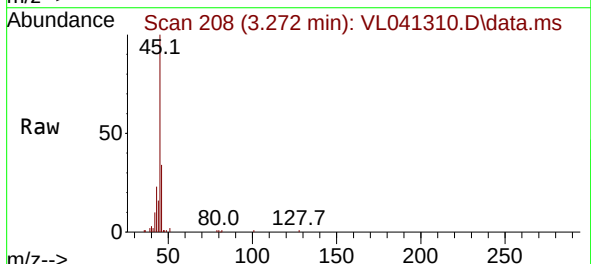
Tgt Ion:101 Resp: 6344
Ion Ratio Lower Upper
101 100
151 0.0 54.8 82.2

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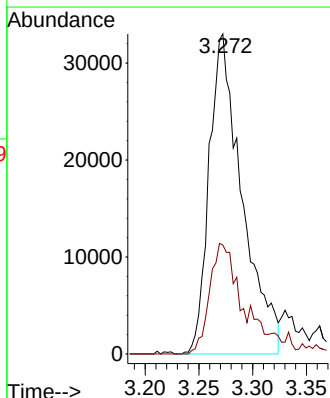
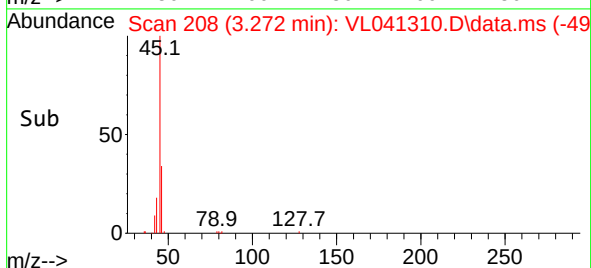
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Supervised By :Mahesh Dadoda 06/05/2024

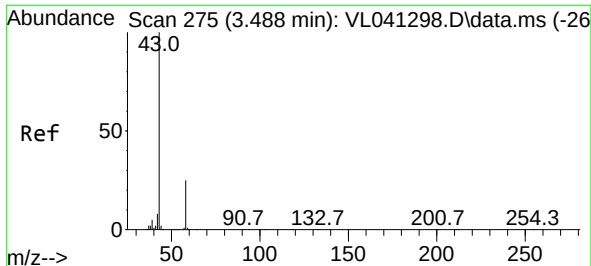


#13
Ethanol
Concen: 6.564 ppbv
RT: 3.272 min Scan# 208
Delta R.T. 0.010 min
Lab File: VL041310.D
Acq: 4 Jun 2024 18:06



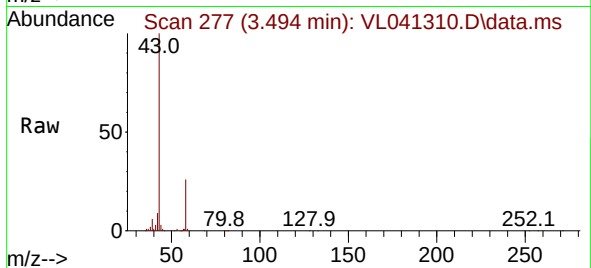
Tgt Ion: 45 Resp: 70440
Ion Ratio Lower Upper
45 100
46 37.7 14.2 56.6





#15
Acetone
Concen: 2.955 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041310.D
Acq: 4 Jun 2024 18:06

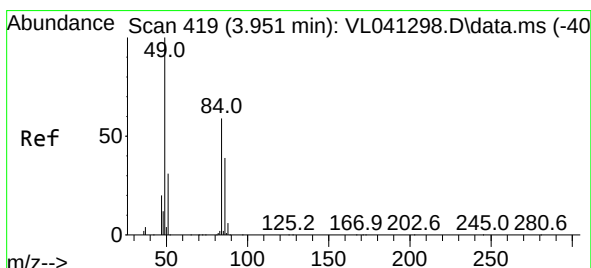
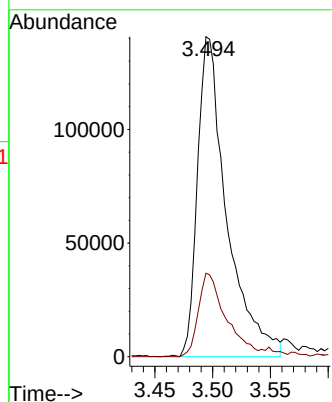
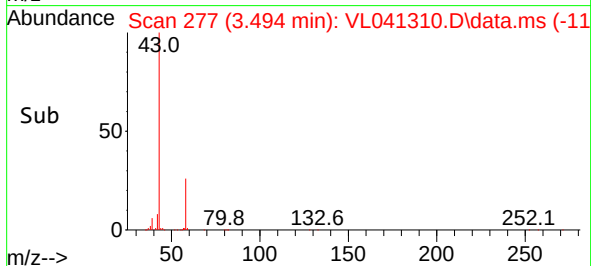
Instrument :
MSVOA_L
ClientSampleId :
LOC-4-AMBIENTDUP



Tgt Ion: 43 Resp: 247225
Ion Ratio Lower Upper
43 100
58 27.0 20.6 31.0

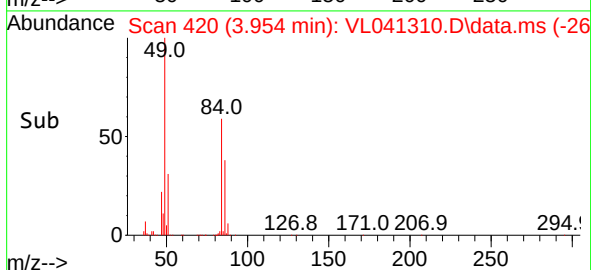
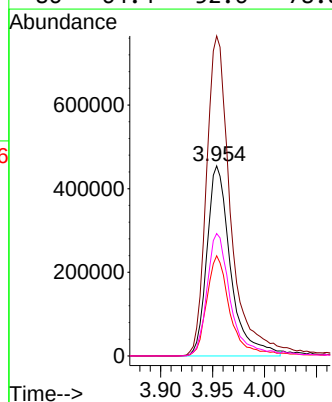
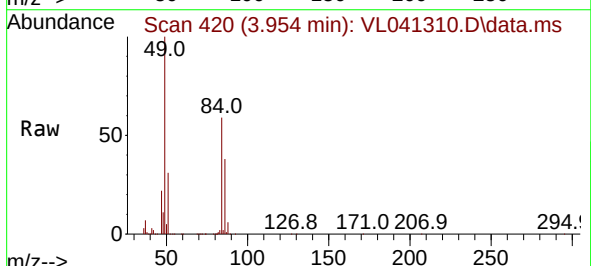
Manual Integrations
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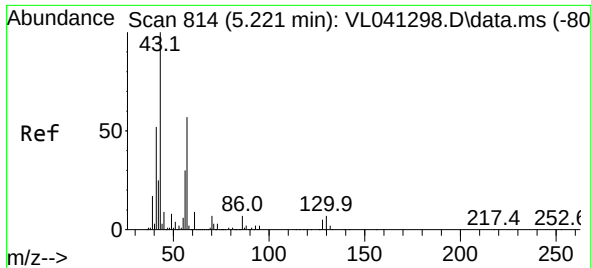
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#20
Methylene Chloride
Concen: 23.702 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.003 min
Lab File: VL041310.D
Acq: 4 Jun 2024 18:06

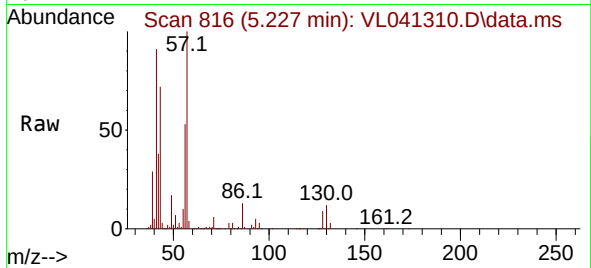
Tgt Ion: 84 Resp: 720736
Ion Ratio Lower Upper
84 100
49 168.2 136.2 204.2
51 52.5 41.9 62.9
86 64.4 52.6 78.8





#26
Hexane
Concen: 12.633 ppbv
RT: 5.227 min Scan# 814
Delta R.T. 0.006 min
Lab File: VL041310.D
Acq: 4 Jun 2024 18:06

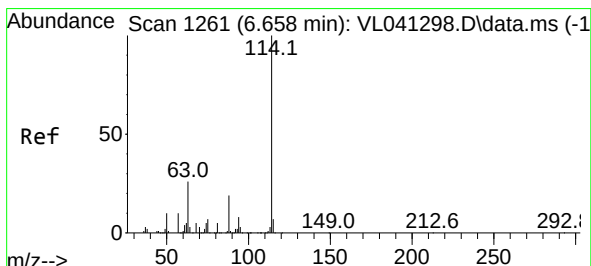
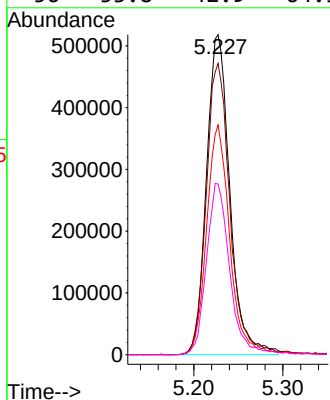
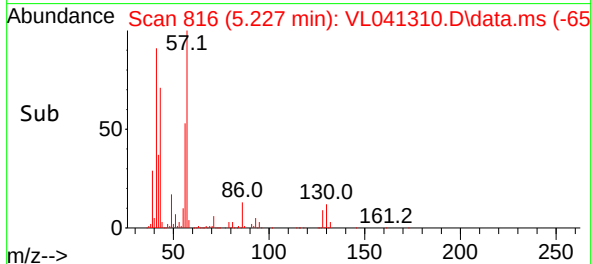
Instrument :
MSVOA_L
ClientSampleId :
LOC-4-AMBIENTDUP



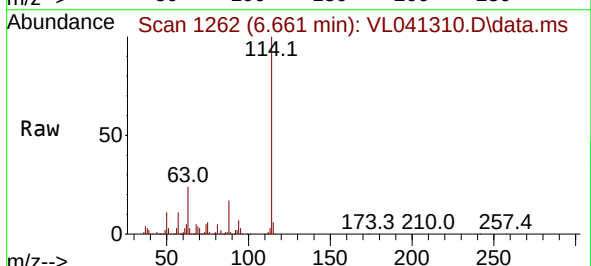
Tgt Ion: 57 Resp: 940310
Ion Ratio Lower Upper
57 100
41 93.6 77.1 115.7
43 71.8 186.1 279.1
56 53.8 42.9 64.3

Manual Integrations
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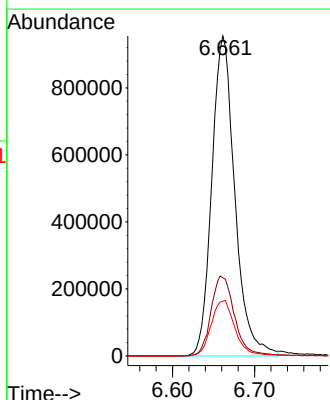
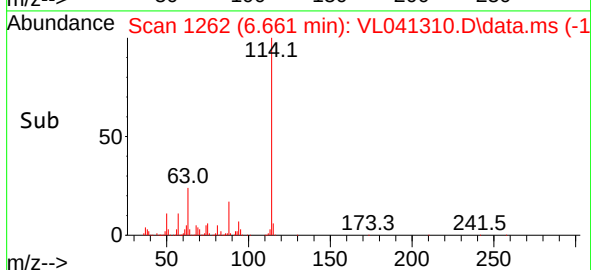
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

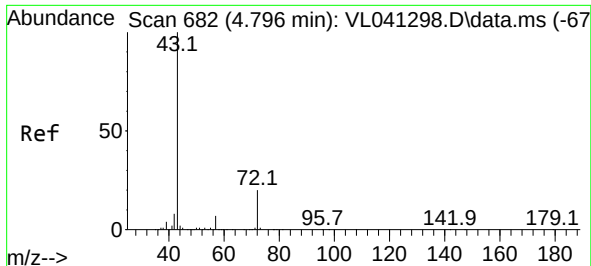


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VL041310.D
Acq: 4 Jun 2024 18:06



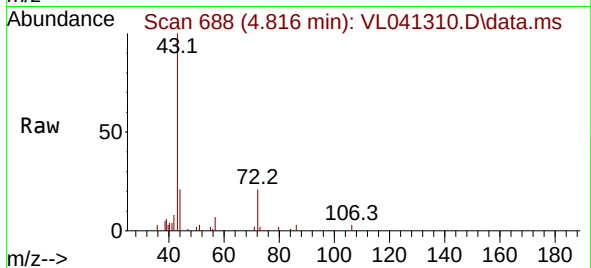
Tgt Ion:114 Resp: 1867582
Ion Ratio Lower Upper
114 100
63 25.8 20.6 30.8
88 18.1 14.5 21.7





#34
2-Butanone
Concen: 0.206 ppbv
RT: 4.816 min Scan# 61
Delta R.T. 0.019 min
Lab File: VL041310.D
Acq: 4 Jun 2024 18:06

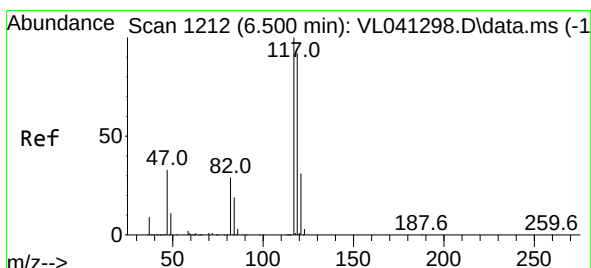
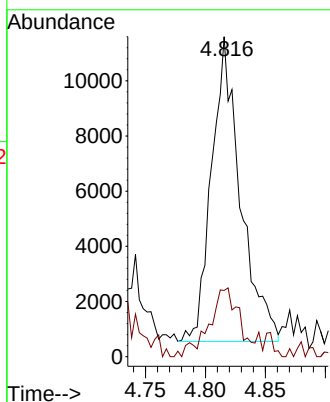
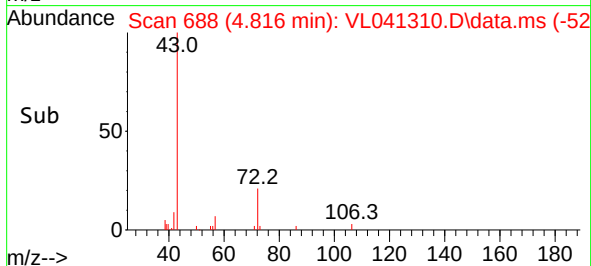
Instrument :
MSVOA_L
ClientSampleId :
LOC-4-AMBIENTDUP



Tgt Ion: 43 Resp: 1845
Ion Ratio Lower Upper
43 100
72 26.8 17.4 26.0

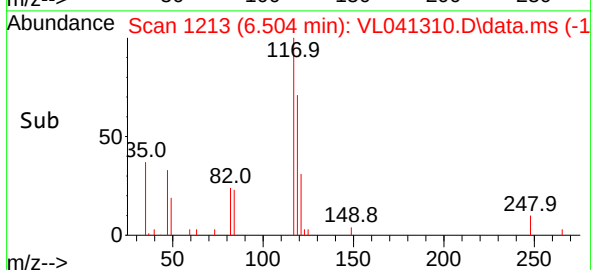
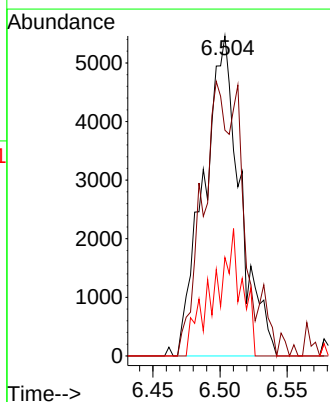
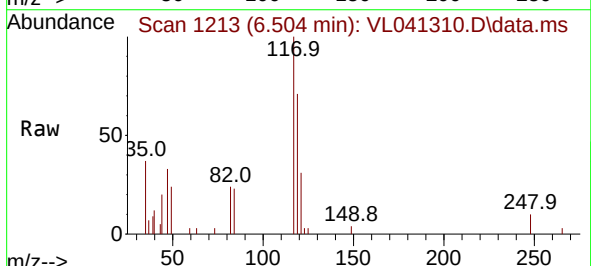
Manual Integrations
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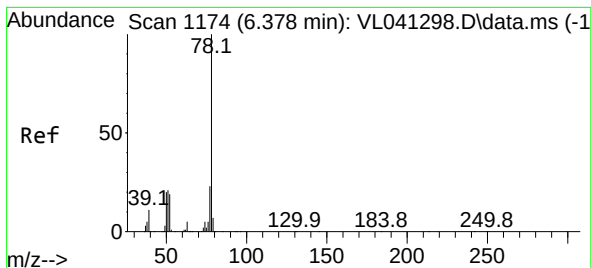
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#35
Carbon Tetrachloride
Concen: 0.097 ppbv m
RT: 6.504 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VL041310.D
Acq: 4 Jun 2024 18:06

Tgt Ion:117 Resp: 10293
Ion Ratio Lower Upper
117 100
119 70.5 74.0 111.0#
121 30.8 24.8 37.2





#36

Benzene

Concen: 0.072 ppbv m

RT: 6.375 min Scan# 1174

Delta R.T. -0.003 min

Lab File: VL041310.D

Acq: 4 Jun 2024 18:06

Instrument :

MSVOA_L

ClientSampleId :

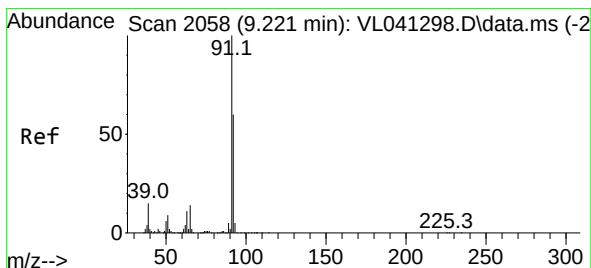
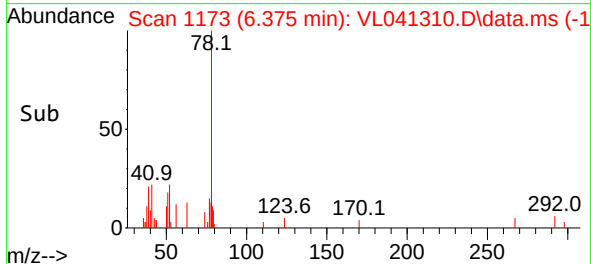
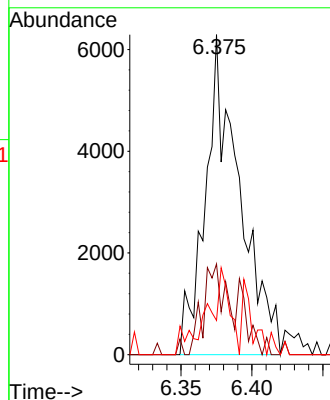
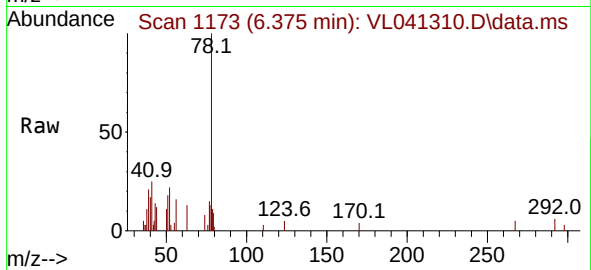
LOC-4-AMBIENTDUP

Tgt Ion: 78	Resp: 10449
Ion Ratio	Lower Upper
78 100	
77 15.2	18.6 28.0
50 10.7	16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#53

Toluene

Concen: 0.165 ppbv m

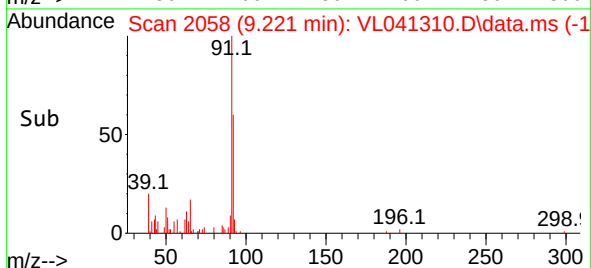
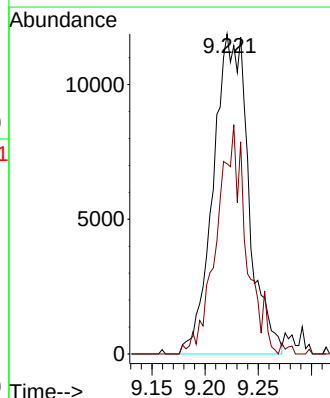
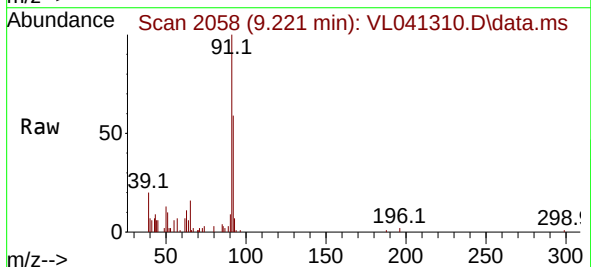
RT: 9.221 min Scan# 2058

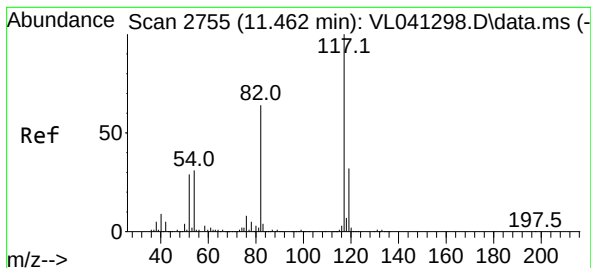
Delta R.T. 0.000 min

Lab File: VL041310.D

Acq: 4 Jun 2024 18:06

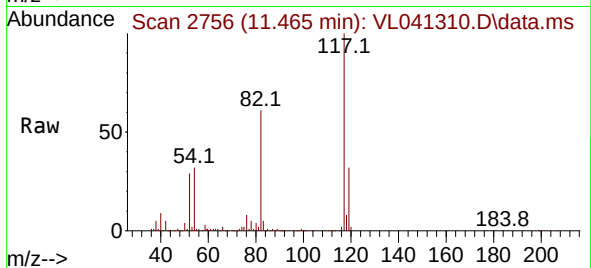
Tgt Ion: 91	Resp: 27432
Ion Ratio	Lower Upper
91 100	
92 0.0	49.2 73.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041310.D
Acq: 4 Jun 2024 18:06

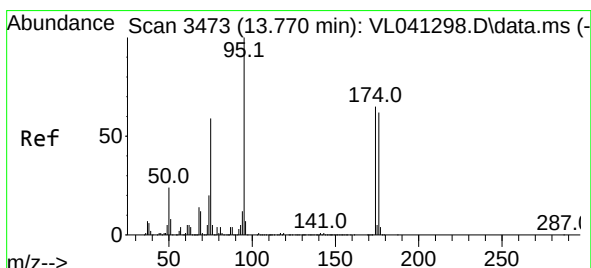
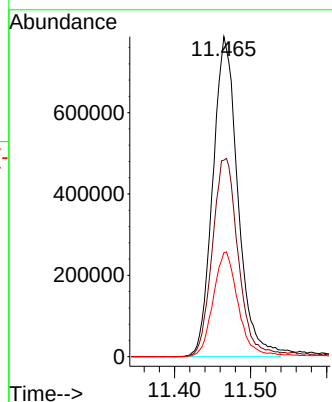
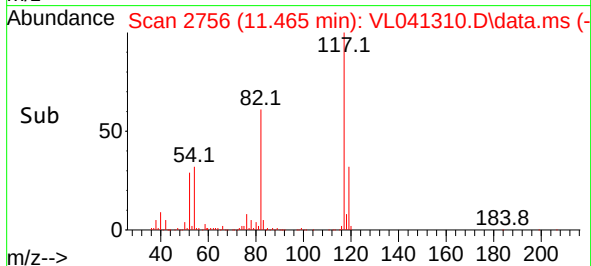
Instrument :
MSVOA_L
ClientSampleId :
LOC-4-AMBIENTDUP



Tgt Ion: 117 Resp: 180232
Ion Ratio Lower Upper
117 100
82 66.1 52.3 78.5
119 32.9 26.2 39.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 9.505 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. 0.003 min
Lab File: VL041310.D
Acq: 4 Jun 2024 18:06

Tgt Ion: 95 Resp: 1322687
Ion Ratio Lower Upper
95 100
174 65.9 52.2 78.2
175 4.8 4.1 6.1

