

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041669.D
 Acq On : 14 Oct 2024 15:40
 Operator : SY/MD
 Sample : P4368-15 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2024

Quant Time: Oct 15 04:50:18 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 10/15/2024
 Supervised By : Mahesh Dadoda 10/15/2024

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

Internal Standards						
1) Bromochloromethane	5.205	49	949351	10.000	ppbv	0.04
33) 1,4-Difluorobenzene	6.668	114	2647068	10.000	ppbv	0.04
55) Chlorobenzene-d5	11.484	117	2363204	10.000	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.799 95 1752732 10.075 ppbv 0.05
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.800%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.729	85	16822m	0.123 ppbv	
3) Chlorodifluoromethane	2.671	51	11290	0.098 ppbv	94
4) Chloromethane	2.809	50	7395	0.117 ppbv	98
5) Vinyl Chloride	2.919	62	4828	0.088 ppbv #	83
6) Bromomethane	3.124	94	3055m	0.112 ppbv	
7) Chloroethane	3.195	64	2705m	0.127 ppbv	
8) Dichlorotetrafluoroethane	2.857	85	14598m	0.102 ppbv	
9) Propene	2.693	41	7798m	0.161 ppbv	
10) Heptane	7.594	43	6730m	0.059 ppbv	
11) Trichlorofluoromethane	3.565	101	14212	0.097 ppbv	87
12) 1,1,2-Trichlorotrifluo...	4.070	101	9571m	0.091 ppbv	
13) Ethanol	3.269	45	469m	0.128 ppbv	
14) Bromoethene	3.375	108	4016m	0.100 ppbv	
15) Acetone	3.497	43	27001	0.227 ppbv	92
16) 1,3-Butadiene	2.980	39	5474m	0.094 ppbv	
17) tert-Butyl alcohol	3.922	59	7616m	0.073 ppbv	
18) 1,1-Dichloroethene	3.883	96	4511m	0.101 ppbv	
19) Isopropyl Alcohol	3.616	45	4274m	0.070 ppbv	
20) Methylene Chloride	3.938	84	9862m	0.220 ppbv	
21) Allyl Chloride	3.999	41	5653m	0.082 ppbv	
22) trans-1,2-Dichloroethene	4.459	96	4231m	0.095 ppbv	
23) Vinyl Acetate	4.655	43	8621m	0.132 ppbv	
24) 1,1-Dichloroethane	4.571	63	9761m	0.099 ppbv	
25) Ethyl Acetate	5.230	43	15674m	0.073 ppbv	
26) Hexane	5.227	57	6200m	0.069 ppbv	
27) Carbon Disulfide	4.131	76	6436m	0.068 ppbv	
28) Methyl tert-Butyl Ether	4.619	73	4488m	0.082 ppbv	
29) Chloroform	5.282	83	14223m	0.097 ppbv	
30) Cyclohexane	6.606	84	3996m	0.058 ppbv	
31) cis-1,2-Dichloroethene	5.086	61	5853m	0.069 ppbv	
32) 1,1,1-Trichloroethane	6.018	97	12506m	0.096 ppbv	
34) 2-Butanone	4.835	43	10126m	0.080 ppbv	
35) Carbon Tetrachloride	6.507	117	12097m	0.093 ppbv	
36) Benzene	6.388	78	12332m	0.067 ppbv	
37) 1,2-Dichloroethane	5.819	62	8700m	0.082 ppbv	
38) Trichloroethene	7.311	130	7270m	0.077 ppbv	
39) 1,2-Dichloropropane	7.089	63	7295m	0.098 ppbv	
40) 1,4-Dioxane	7.381	88	1156m	0.041 ppbv	
41) Tetrahydrofuran	5.607	42	3589m	0.052 ppbv	
42) Bromodichloromethane	7.262	83	12460m	0.084 ppbv	
43) Methyl Methacrylate	7.497	69	3661m	0.056 ppbv	
44) 2,2,4-Trimethylpentane	7.340	57	17279m	0.054 ppbv	
45) t-1,3-Dichloropropene	8.741	75	2453m	0.046 ppbv	

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

Quant Time: Oct 15 04:50:18 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.166	75	4170m	0.054	ppbv	
47) 1,1,2-Trichloroethane	8.928	97	7580m	0.095	ppbv	
48) Dibromochloromethane	9.732	129	6971m	0.058	ppbv	
49) Bromoform	12.423	173	5176m	0.050	ppbv	
50) 4-Methyl-2-Pentanone	8.243	43	9780m	0.050	ppbv	
51) 2-Hexanone	9.619	43	6932m	0.047	ppbv	
52) Tetrachloroethene	10.629	164	4671m	0.070	ppbv	
53) Toluene	9.240	91	10060m	0.052	ppbv	
54) 1,2-Dibromoethane	10.034	107	5704m	0.058	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.536	131	3490	0.038	ppbv #	9
57) Chlorobenzene	11.545	112	15197m	0.089	ppbv	
58) Ethyl Benzene	12.114	91	11962m	0.047	ppbv	
59) m/p-Xylene	12.362	91	18777m	0.083	ppbv	
60) o-Xylene	13.076	91	9373m	0.043	ppbv	
61) Styrene	12.912	104	3328m	0.037	ppbv	
62) Isopropylbenzene	14.044	105	17691m	0.054	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.069	83	9456m	0.086	ppbv	
64) n-propylbenzene	14.944	120	3833m	0.045	ppbv	
65) tert-Butylbenzene	16.121	119	11861m	0.040	ppbv	
66) Benzyl Chloride	16.362	91	1356m	0.087	ppbv	
67) sec-Butylbenzene	16.670	105	18064m	0.043	ppbv	
69) p-Isopropyltoluene	17.024	119	12348m	0.037	ppbv	
70) n-Butylbenzene	17.921	91	13581m	0.039	ppbv	
71) 2-Chlorotoluene	14.825	91	11162m	0.046	ppbv	
72) 4-Ethyltoluene	15.224	105	9664m	0.038	ppbv	
73) 1,3,5-Trimethylbenzene	15.387	105	8139m	0.037	ppbv	
74) 1,2,4-Trimethylbenzene	16.140	105	9091m	0.035	ppbv	
75) 1,3-Dichlorobenzene	16.359	146	10396m	0.064	ppbv	
76) 1,4-Dichlorobenzene	16.503	146	9756m	0.062	ppbv	
77) 1,2-Dichlorobenzene	17.169	146	9128m	0.057	ppbv	
78) Hexachloro-1,3-Butadiene	22.651	225	11426m	0.086	ppbv	

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

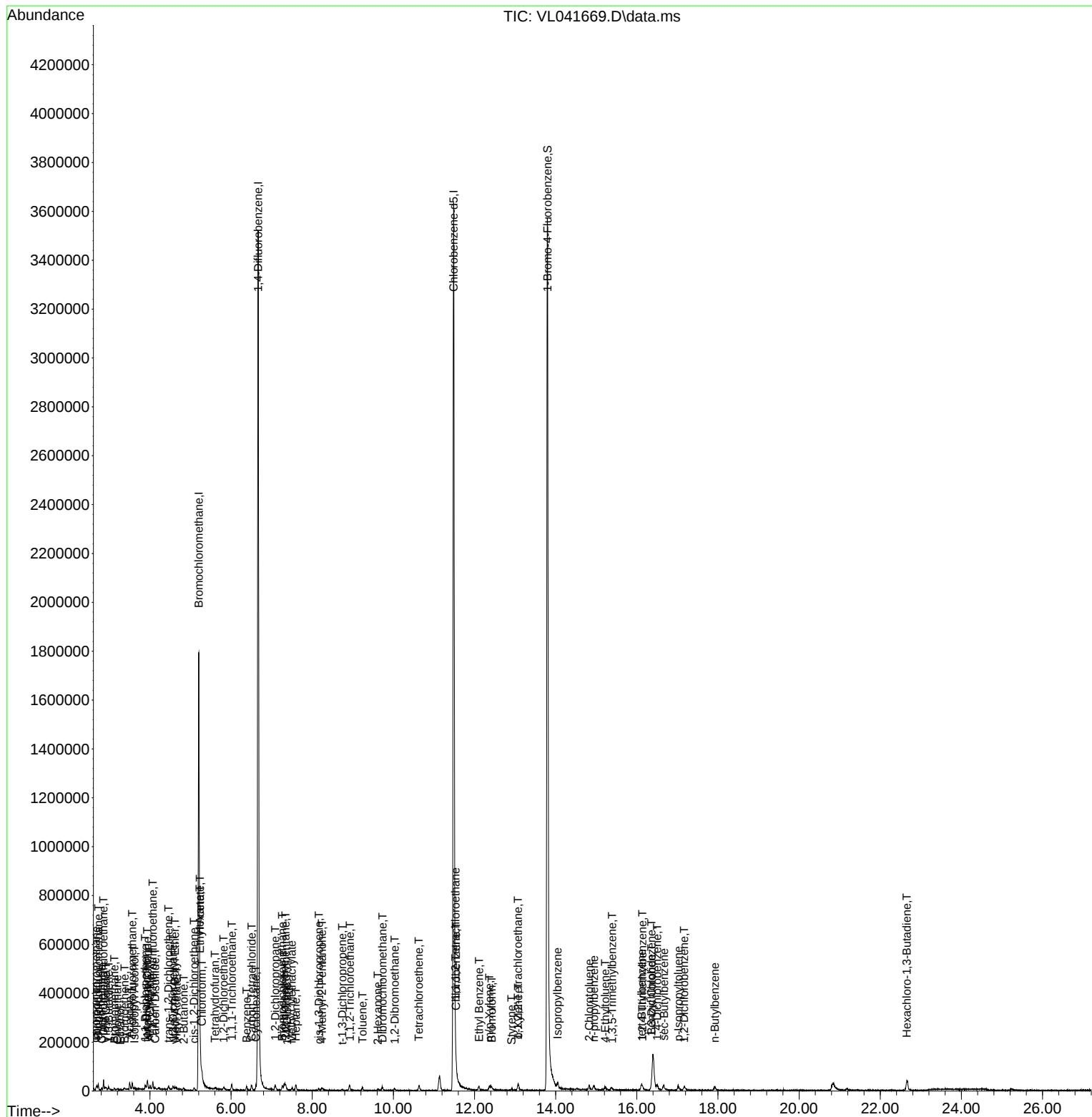
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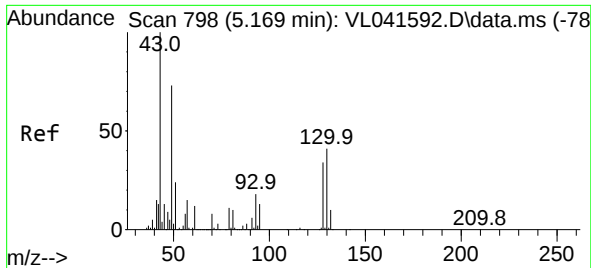
Instrument :
MSVOA_L
ClientSampleId :
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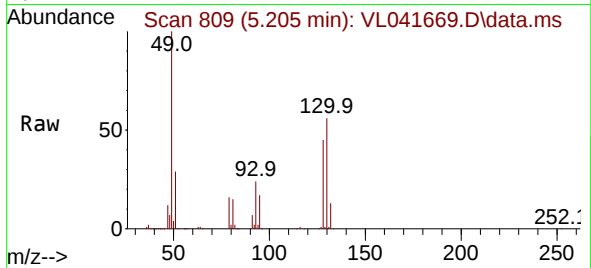
Reviewed By : Semsettin Yesilyurt 10/15/2024
Supervised By : Mahesh Dadoda 10/15/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.036 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

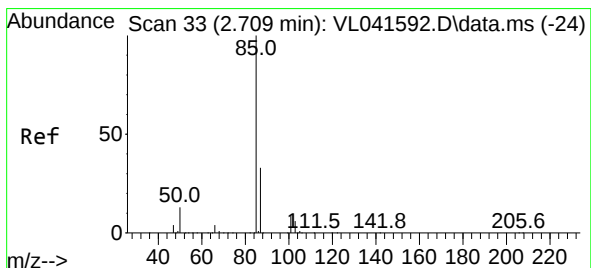
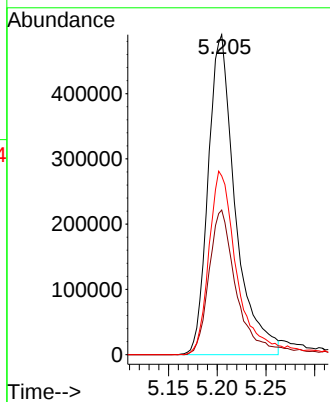
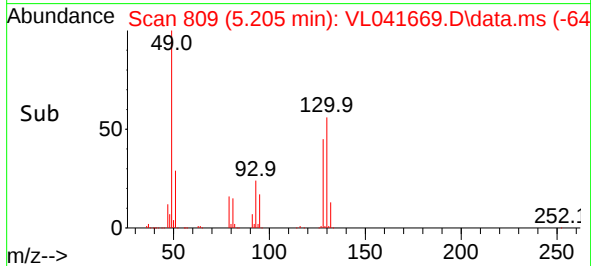
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2024



Tgt Ion: 49 Resp: 94935
Ion Ratio Lower Upper
49 100
128 48.4 23.8 71.5
130 61.8 30.4 91.3

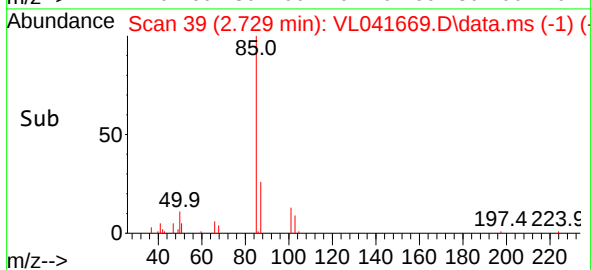
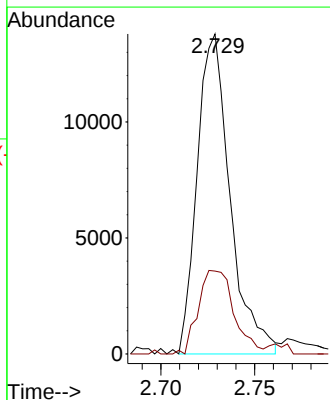
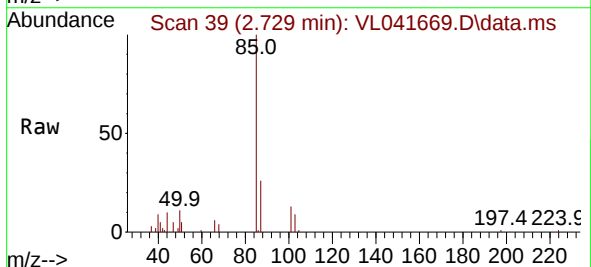
Manual Integrations
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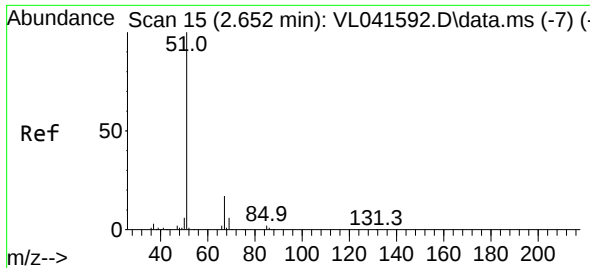
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#2
Dichlorodifluoromethane
Concen: 0.123 ppbv m
RT: 2.729 min Scan# 39
Delta R.T. 0.019 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

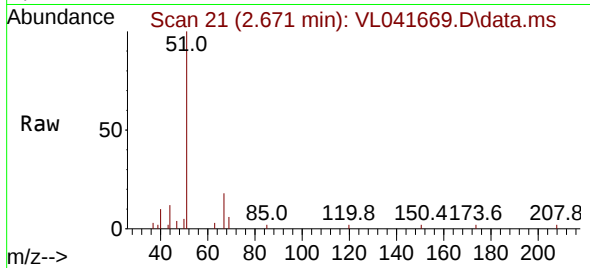
Tgt Ion: 85 Resp: 16822
Ion Ratio Lower Upper
85 100
87 25.9 26.3 39.5#





#3
Chlorodifluoromethane
Concen: 0.098 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

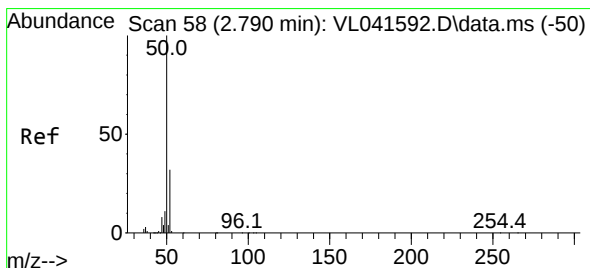
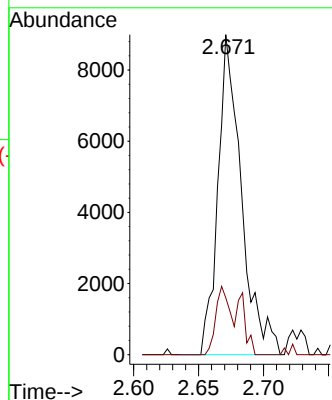
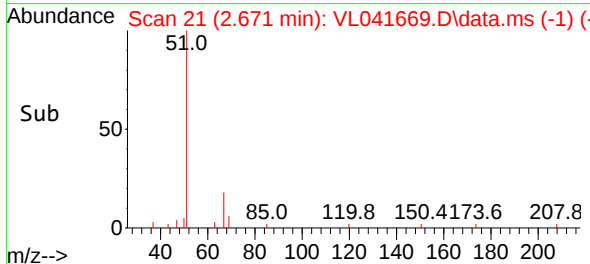
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2024



Tgt Ion: 51 Resp: 11290
Ion Ratio Lower Upper
51 100
67 20.3 14.1 21.1

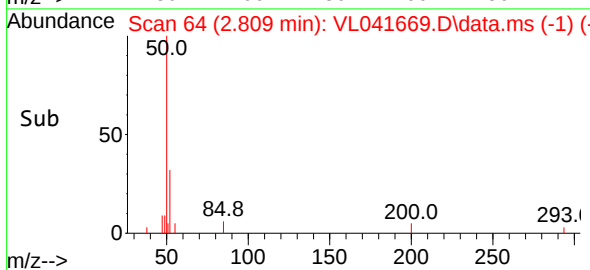
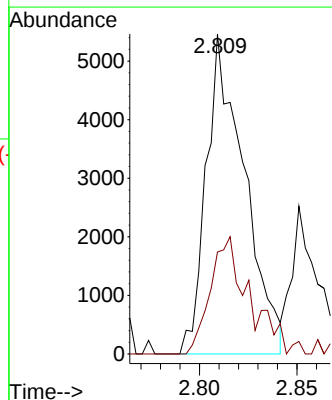
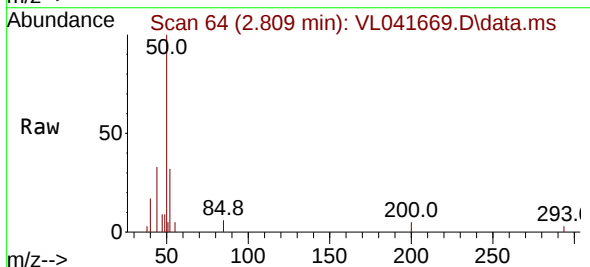
Manual Integrations
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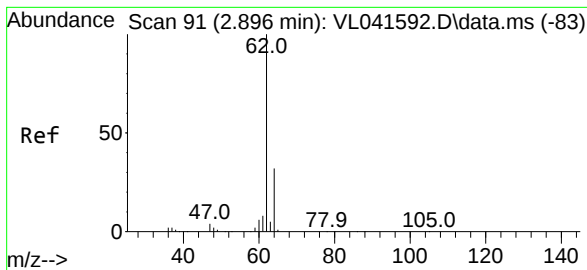
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#4
Chloromethane
Concen: 0.117 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.019 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

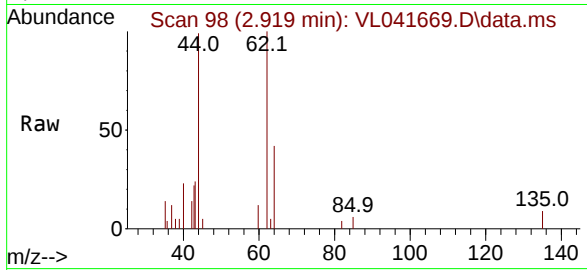
Tgt Ion: 50 Resp: 7395
Ion Ratio Lower Upper
50 100
52 30.5 25.4 38.2





#5
 Vinyl Chloride
 Concen: 0.088 ppbv
 RT: 2.919 min Scan# 91
 Delta R.T. 0.023 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

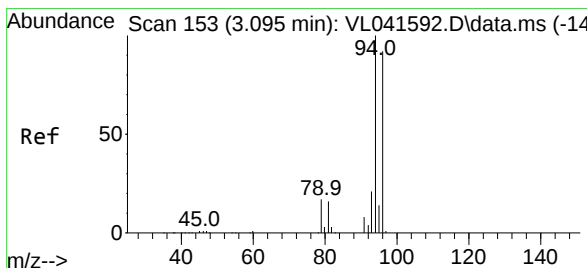
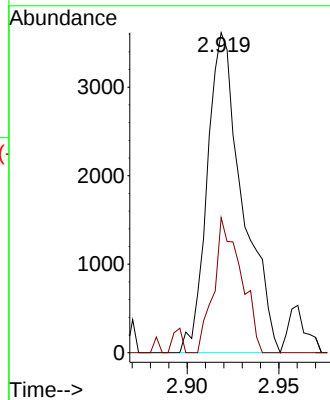
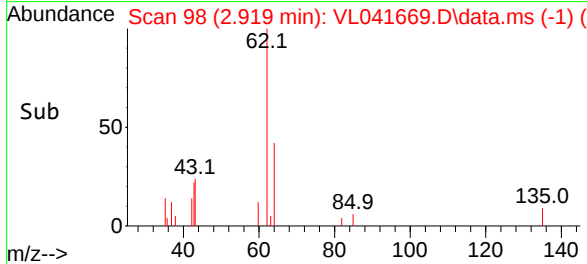
Instrument :
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 MDL-AIR-03-QT4-2024



Tgt Ion: 62 Resp: 4828
 Ion Ratio Lower Upper
 62 100
 64 42.2 26.0 39.0

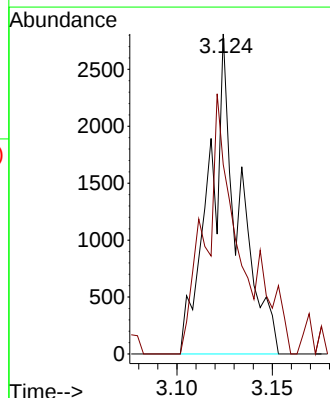
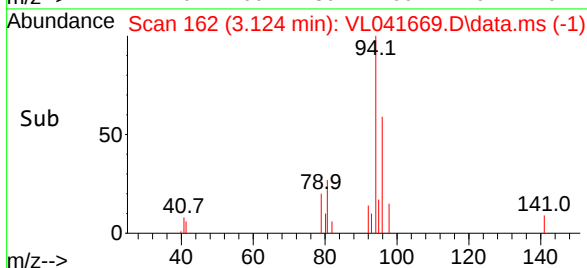
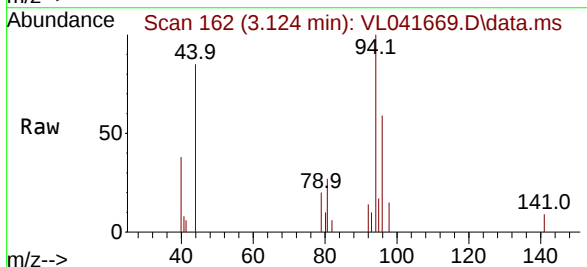
Manual Integrations
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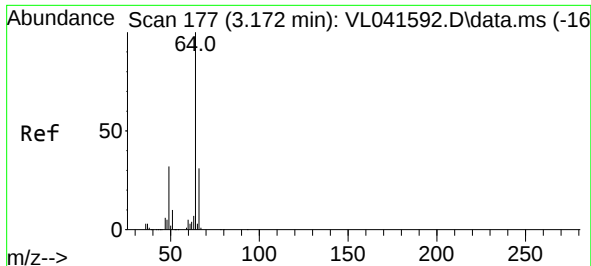
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#6
 Bromomethane
 Concen: 0.112 ppbv m
 RT: 3.124 min Scan# 162
 Delta R.T. 0.029 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

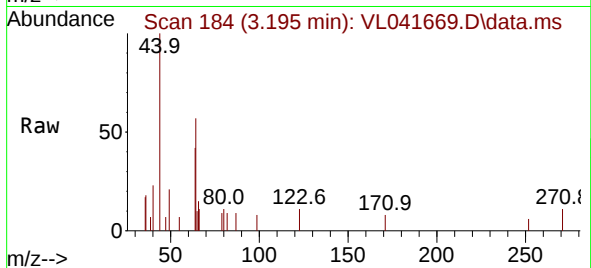
Tgt Ion: 94 Resp: 3055
 Ion Ratio Lower Upper
 94 100
 96 59.2 73.4 110.2#





#7
Chloroethane
Concen: 0.127 ppbv m
RT: 3.195 min Scan# 11
Delta R.T. 0.023 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

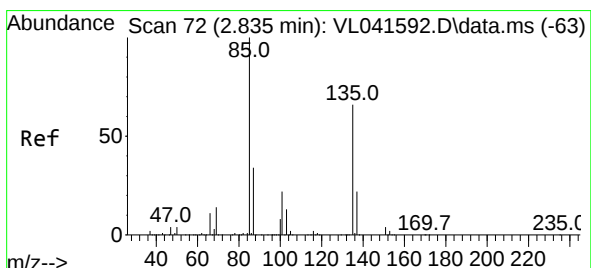
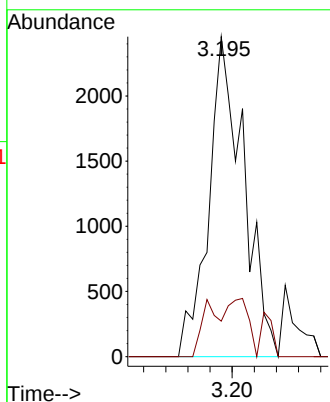
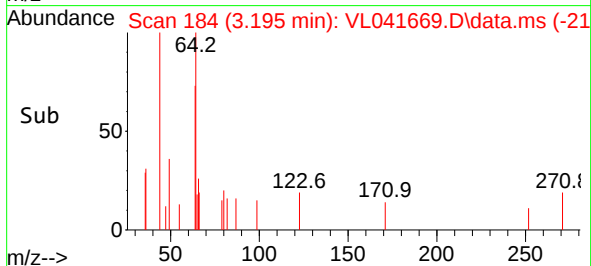
Instrument :
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ClientSampleId :
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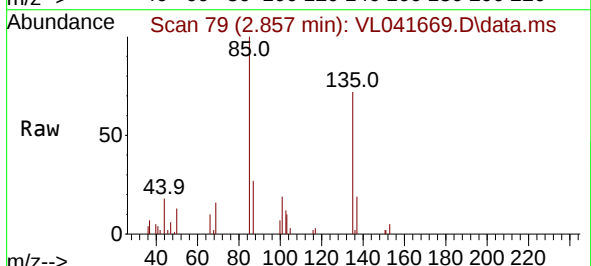
Tgt Ion: 64 Resp: 270
Ion Ratio Lower Upper
64 100
66 19.2 25.1 37.7

Manual Integrations
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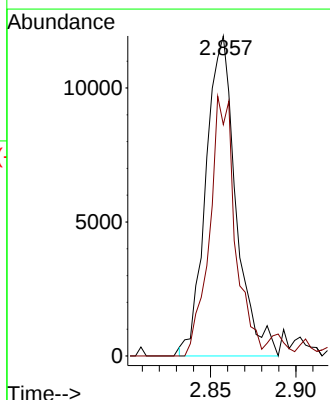
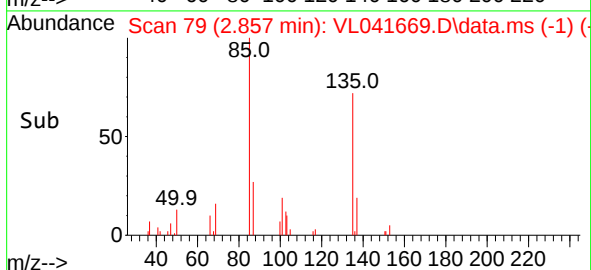
Reviewed By :Semsettin Yesilyurt 10/15/2024
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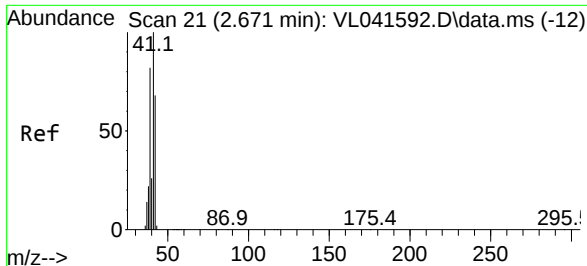


#8
Dichlorotetrafluoroethane
Concen: 0.102 ppbv m
RT: 2.857 min Scan# 79
Delta R.T. 0.023 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40



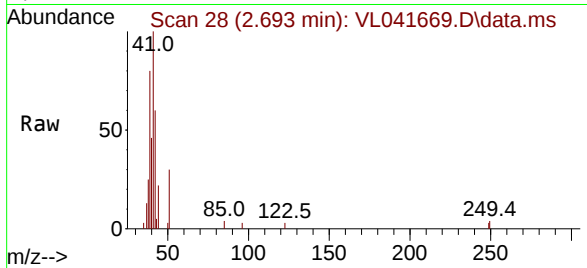
Tgt Ion: 85 Resp: 14598
Ion Ratio Lower Upper
85 100
135 77.3 53.9 80.9





#9
Propene
Concen: 0.161 ppbv m
RT: 2.693 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

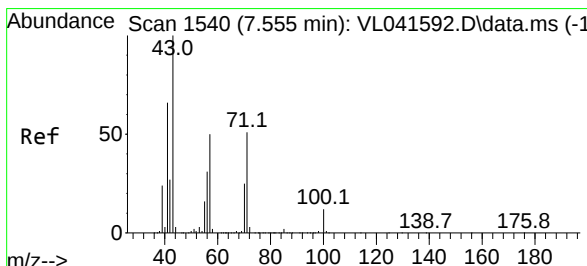
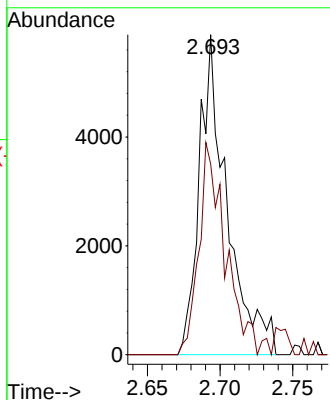
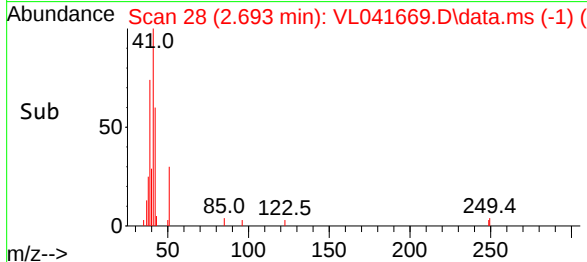
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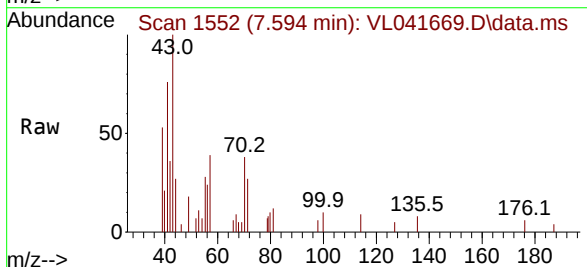
Tgt Ion: 41 Resp: 7798
Ion Ratio Lower Upper
41 100
42 69.1 55.2 82.8

Manual Integrations
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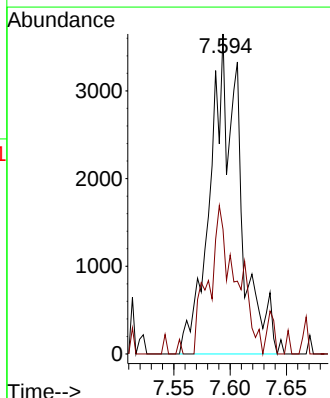
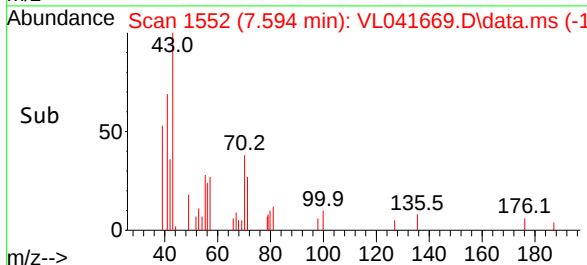
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

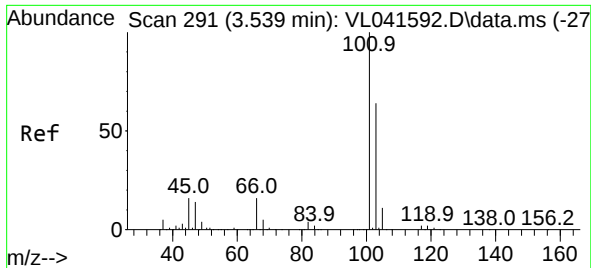


#10
Heptane
Concen: 0.059 ppbv m
RT: 7.594 min Scan# 1552
Delta R.T. 0.039 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40



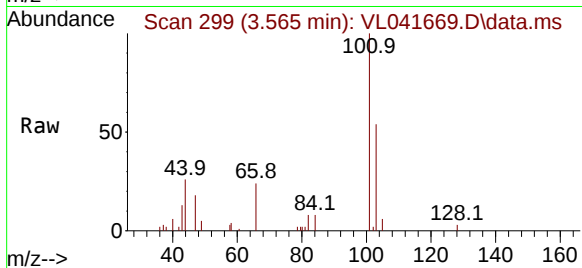
Tgt Ion: 43 Resp: 6730
Ion Ratio Lower Upper
43 100
57 0.0 39.8 59.8#





#11
 Trichlorofluoromethane
 Concen: 0.097 ppbv
 RT: 3.565 min Scan# 291
 Delta R.T. 0.026 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

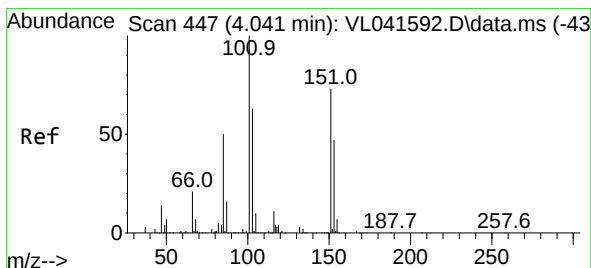
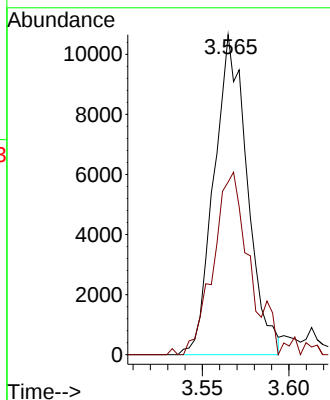
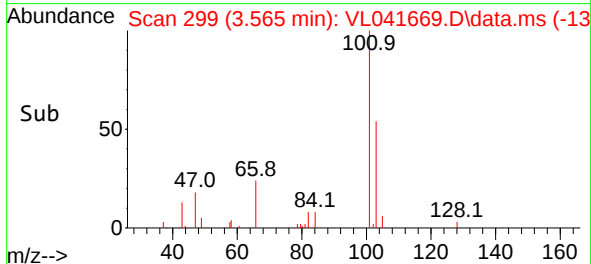
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2024



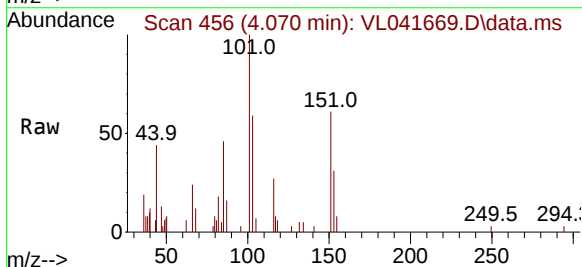
Tgt Ion:101 Resp: 1421
 Ion Ratio Lower Upper
 101 100
 103 53.9 51.2 76.8

Manual Integrations
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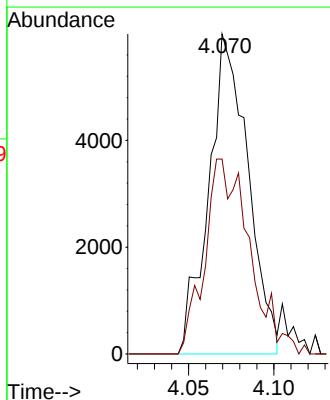
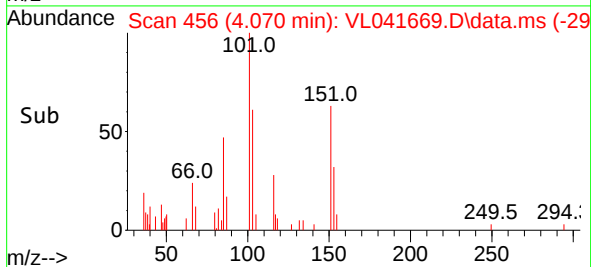
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

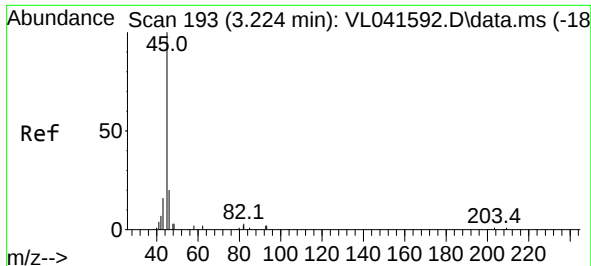


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.091 ppbv m
 RT: 4.070 min Scan# 456
 Delta R.T. 0.029 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40



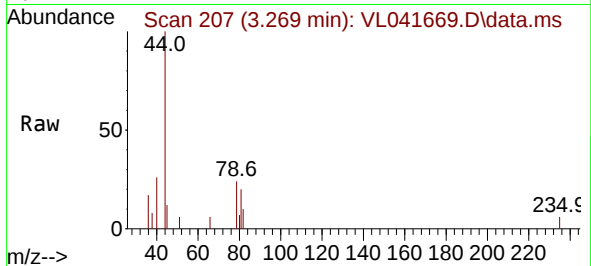
Tgt Ion:101 Resp: 9571
 Ion Ratio Lower Upper
 101 100
 151 69.6 59.4 89.2





#13
Ethanol
Concen: 0.128 ppbv m
RT: 3.269 min Scan# 207
Delta R.T. 0.045 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

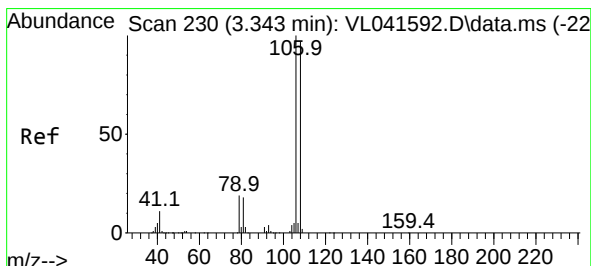
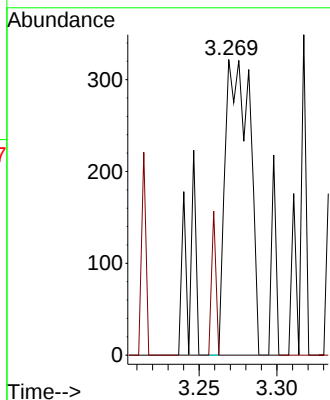
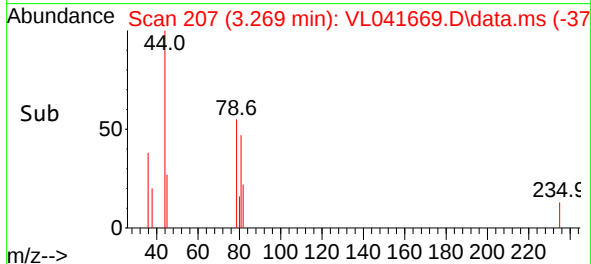
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2024



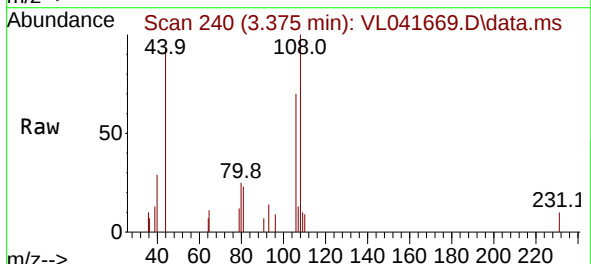
Tgt Ion: 45 Resp: 469
Ion Ratio Lower Upper
45 100
46 0.0 15.2 60.8

Manual Integrations
APPROVED

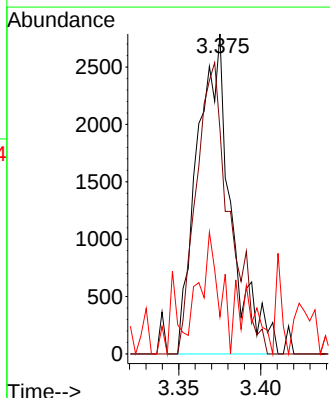
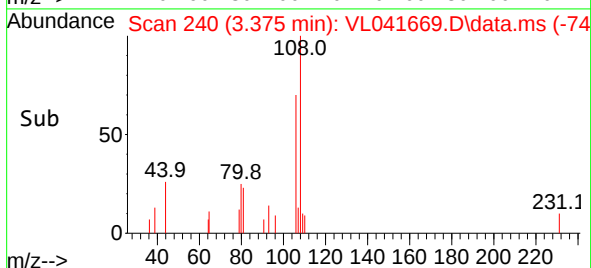
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

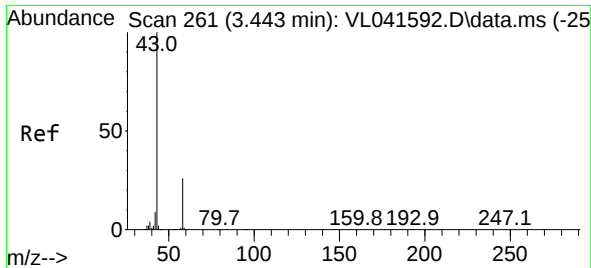


#14
Bromoethene
Concen: 0.100 ppbv m
RT: 3.375 min Scan# 240
Delta R.T. 0.032 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40



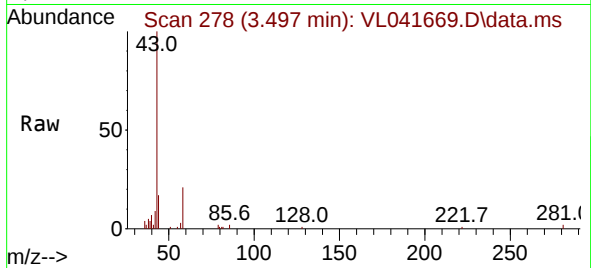
Tgt Ion:108 Resp: 4016
Ion Ratio Lower Upper
108 100
106 0.0 86.5 129.7#
79 34.0 16.2 24.4#





#15
Acetone
Concen: 0.227 ppbv
RT: 3.497 min Scan# 21
Delta R.T. 0.055 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

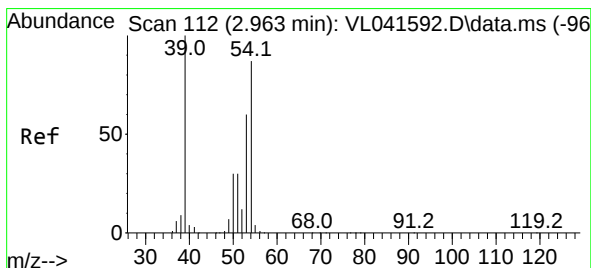
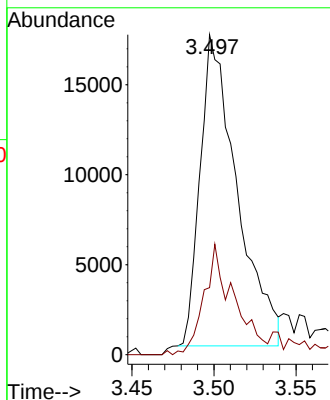
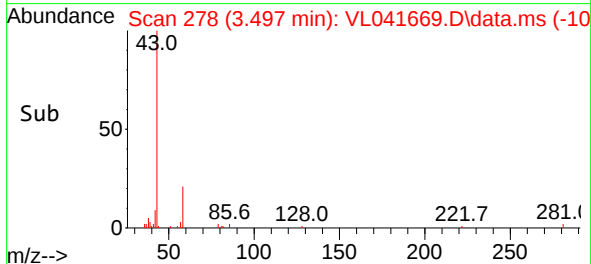
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2024



Tgt Ion: 43 Resp: 2700
Ion Ratio Lower Upper
43 100
58 31.0 21.5 32.3

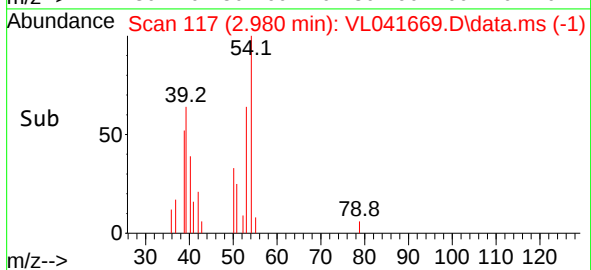
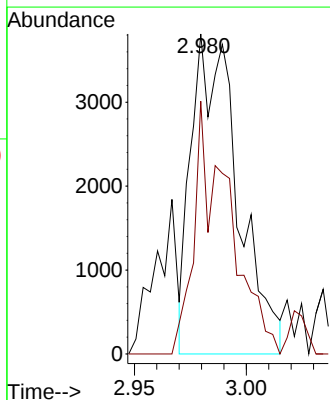
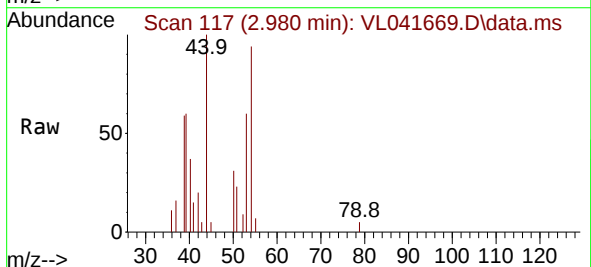
Manual Integrations
APPROVED

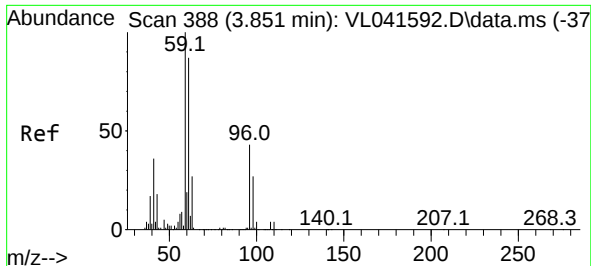
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#16
1,3-Butadiene
Concen: 0.094 ppbv m
RT: 2.980 min Scan# 117
Delta R.T. 0.016 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion: 39 Resp: 5474
Ion Ratio Lower Upper
39 100
54 64.7 62.9 94.3





#17

tert-Butyl alcohol

Concen: 0.073 ppbv m

RT: 3.922 min Scan# 410

Delta R.T. 0.071 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

ClientSampleId :

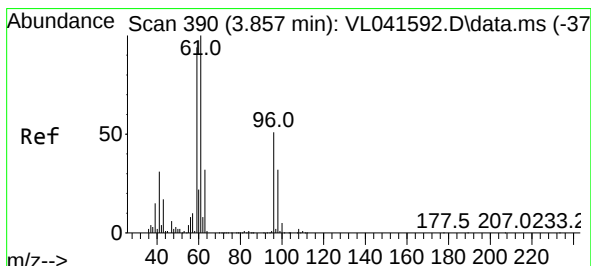
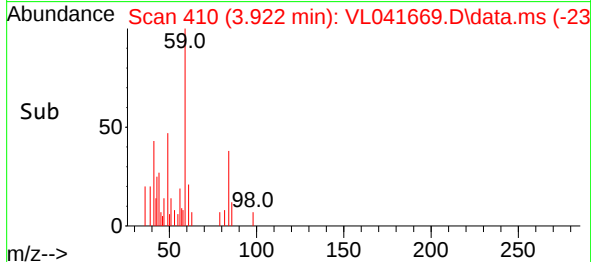
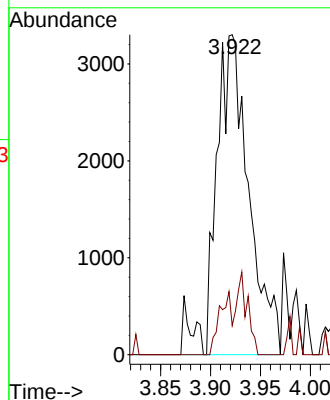
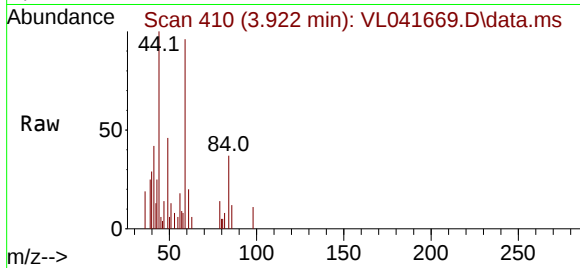
MDL-AIR-03-QT4-2024

Tgt Ion: 59 Resp: 7610
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#18

1,1-Dichloroethene

Concen: 0.101 ppbv m

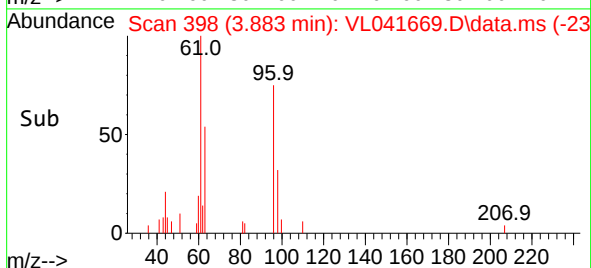
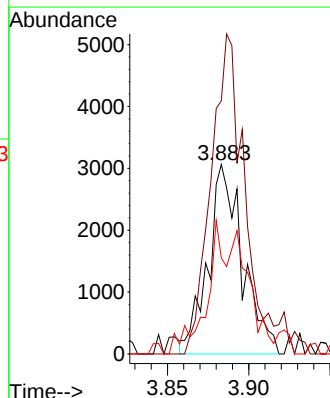
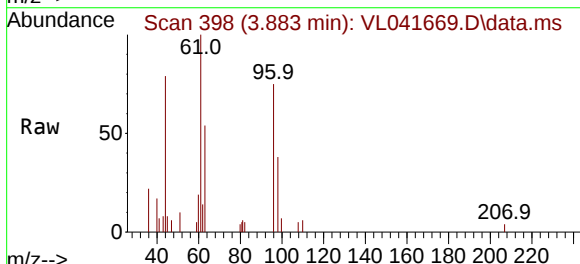
RT: 3.883 min Scan# 398

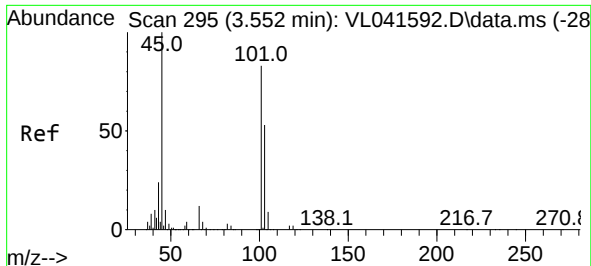
Delta R.T. 0.026 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

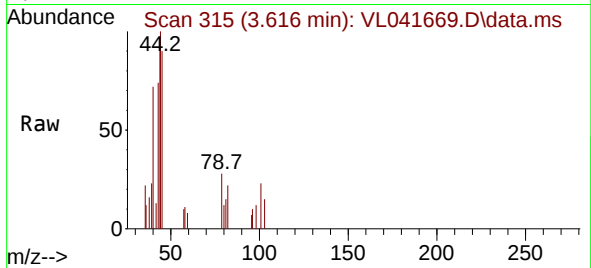
Tgt Ion: 96 Resp: 4511
 Ion Ratio Lower Upper
 96 100
 61 133.6 155.6 233.4#
 98 50.7 50.6 75.8





#19
Isopropyl Alcohol
Concen: 0.070 ppbv m
RT: 3.616 min Scan# 315
Delta R.T. 0.064 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

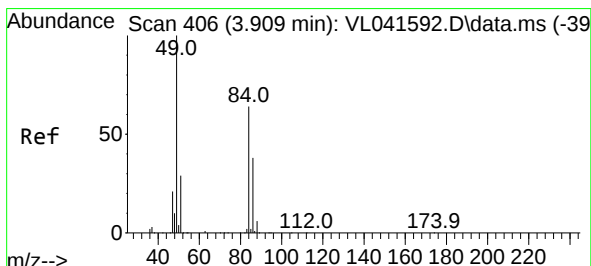
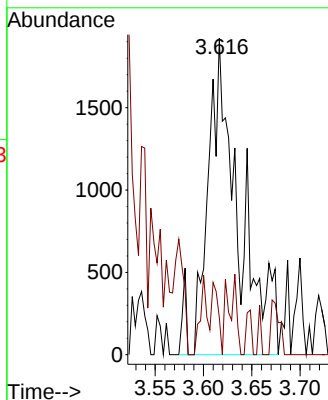
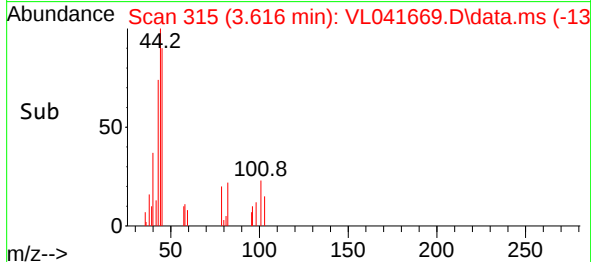
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2024



Tgt Ion: 45 Resp: 4274
Ion Ratio Lower Upper
45 100
58 0.0 2.1 3.1

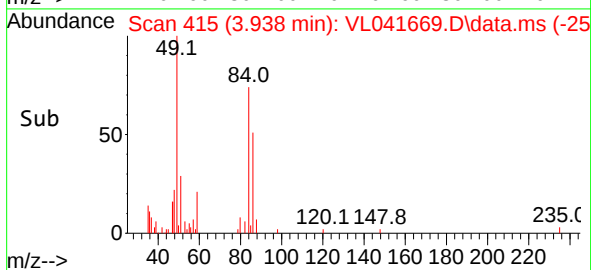
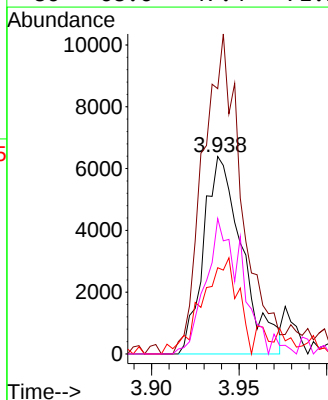
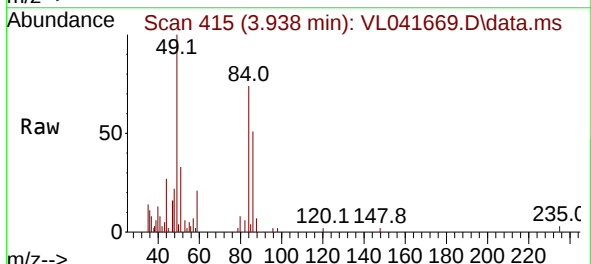
Manual Integrations
APPROVED

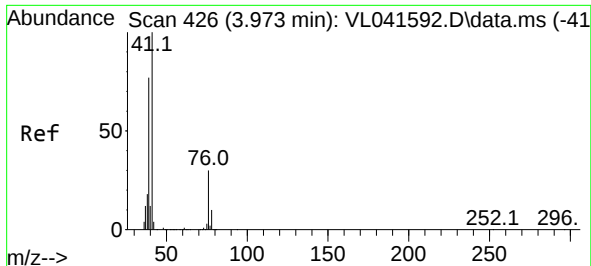
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#20
Methylene Chloride
Concen: 0.220 ppbv m
RT: 3.938 min Scan# 415
Delta R.T. 0.029 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion: 84 Resp: 9862
Ion Ratio Lower Upper
84 100
49 134.4 124.3 186.5
51 43.7 36.3 54.5
86 68.6 47.4 71.2





#21

Allyl Chloride

Concen: 0.082 ppbv m

RT: 3.999 min Scan# 41

Delta R.T. 0.026 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2024

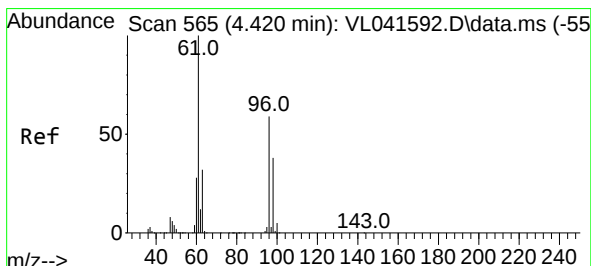
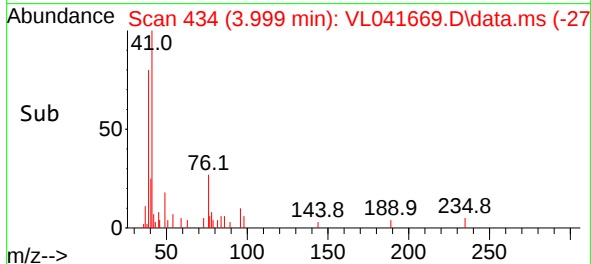
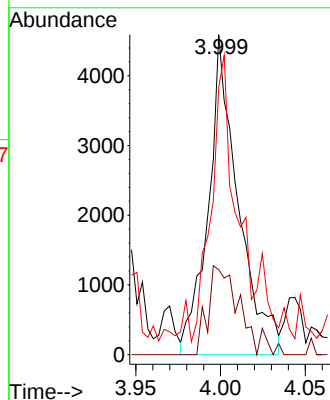
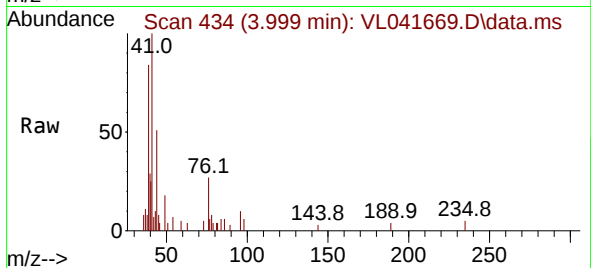
Tgt Ion: 41	Resp: 565
Ion Ratio	Lower Upper
41	100
76	29.7 23.8 35.6
39	114.7 63.9 95.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#22

trans-1,2-Dichloroethene

Concen: 0.095 ppbv m

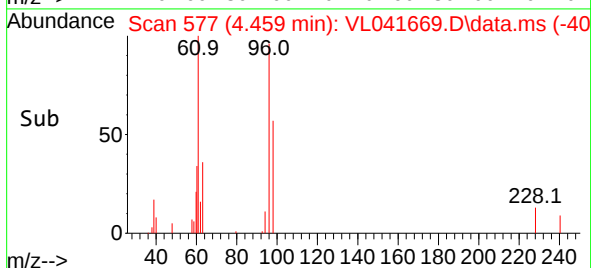
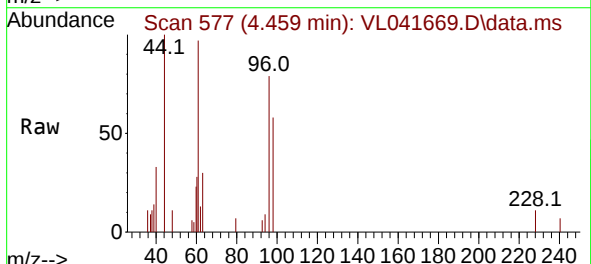
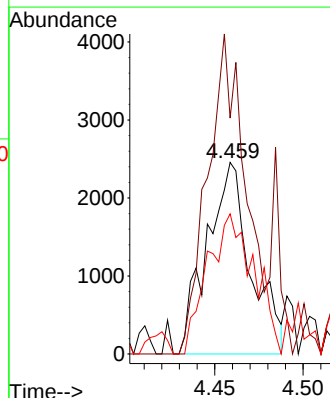
RT: 4.459 min Scan# 577

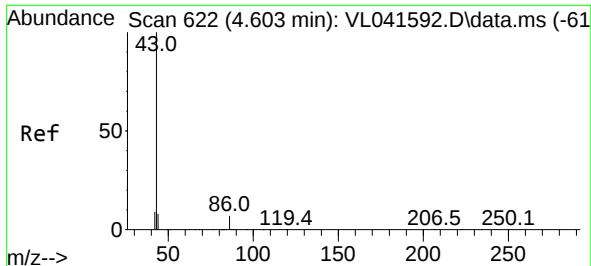
Delta R.T. 0.039 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Tgt Ion: 96	Resp: 4231
Ion Ratio	Lower Upper
96	100
61	123.1 135.7 203.5
98	73.2 50.9 76.3





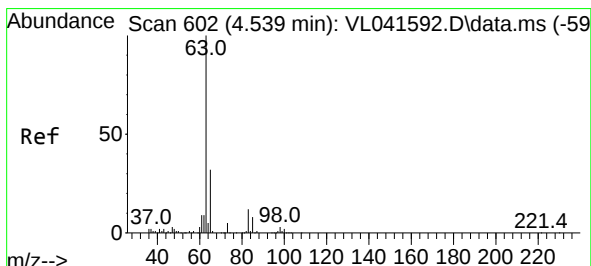
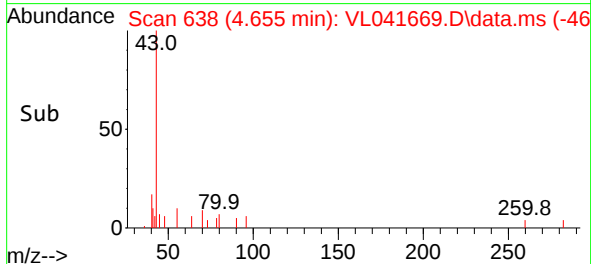
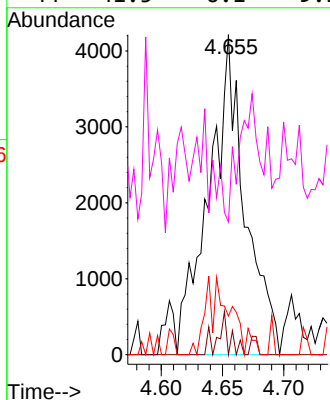
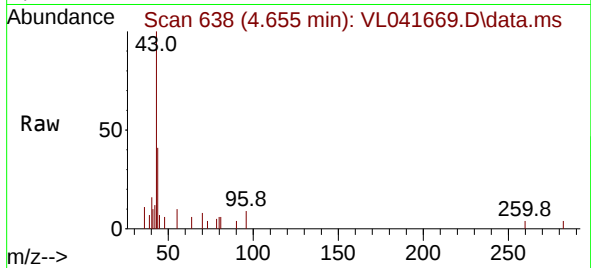
#23
 Vinyl Acetate
 Concen: 0.132 ppbv m
 RT: 4.655 min Scan# 612
 Delta R.T. 0.052 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2024

Tgt Ion: 43 Resp: 862
 Ion Ratio Lower Upper
 43 100
 86 0.0 4.9 7.3
 42 12.1 8.0 12.0
 44 41.5 6.1 9.1

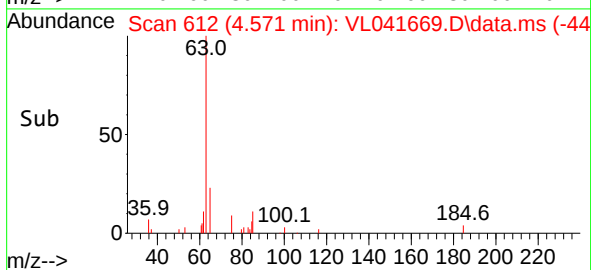
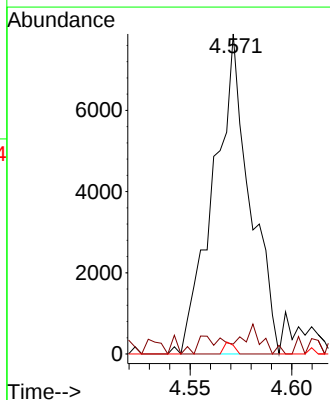
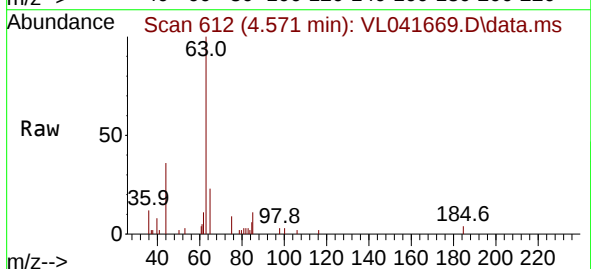
Manual Integrations
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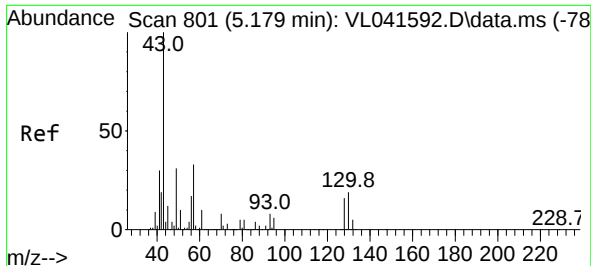
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#24
 1,1-Dichloroethane
 Concen: 0.099 ppbv m
 RT: 4.571 min Scan# 612
 Delta R.T. 0.032 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

Tgt Ion: 63 Resp: 9761
 Ion Ratio Lower Upper
 63 100
 98 3.1 1.7 5.1
 100 2.7 1.1 3.3





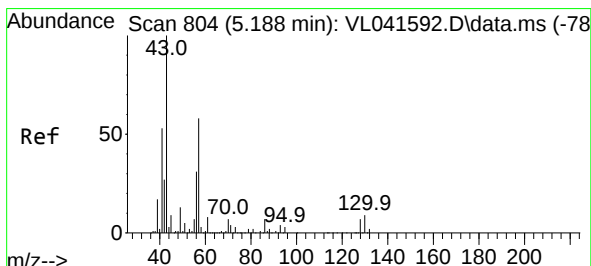
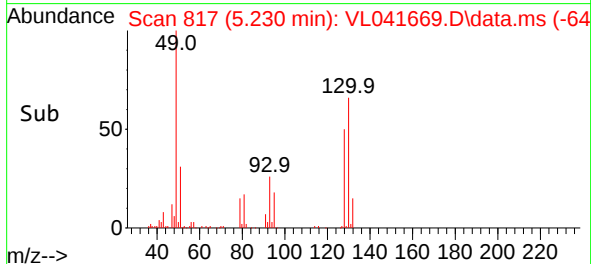
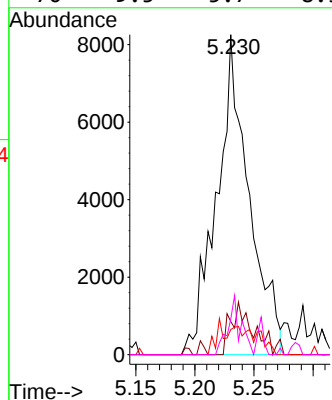
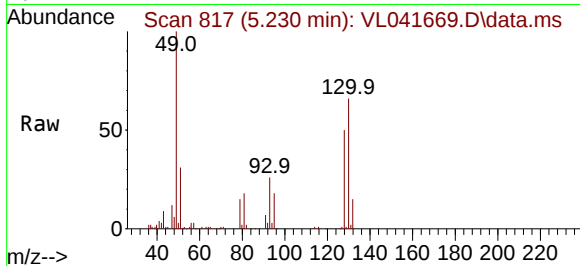
#25
Ethyl Acetate
Concen: 0.073 ppbv m
RT: 5.230 min Scan# 817
Delta R.T. 0.052 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2024

Tgt Ion: 43	Resp: 15674
Ion Ratio	Lower Upper
43 100	
45 11.9	8.2 12.2
61 10.4	8.0 12.0
70 9.5	5.7 8.5#

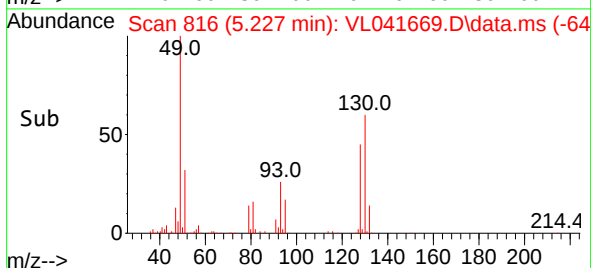
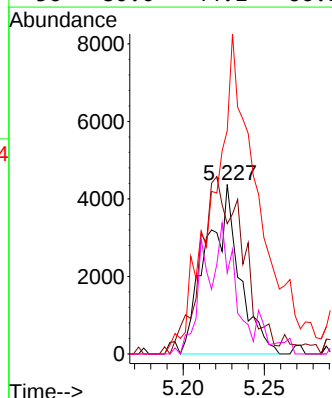
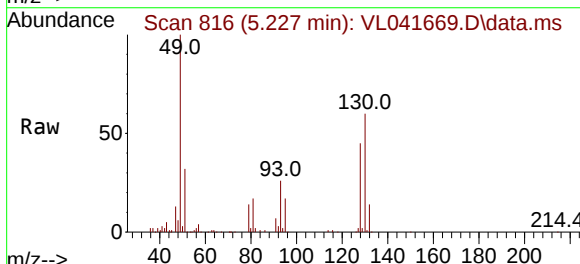
Manual Integrations
APPROVED

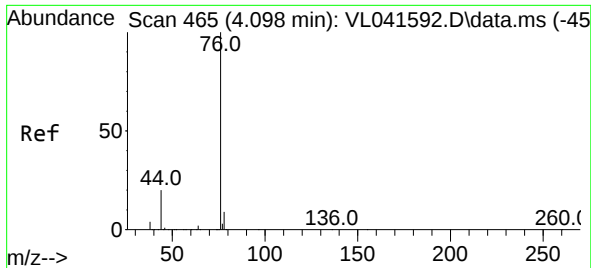
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#26
Hexane
Concen: 0.069 ppbv m
RT: 5.227 min Scan# 816
Delta R.T. 0.039 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

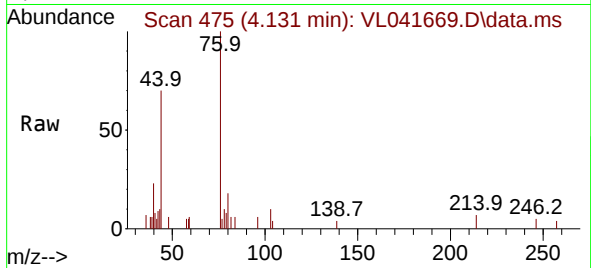
Tgt Ion: 57	Resp: 6200
Ion Ratio	Lower Upper
57 100	
41 140.0	75.7 113.5#
43 259.2	198.5 297.7
56 80.0	44.1 66.1#





#27
Carbon Disulfide
Concen: 0.068 ppbv m
RT: 4.131 min Scan# 41
Delta R.T. 0.032 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

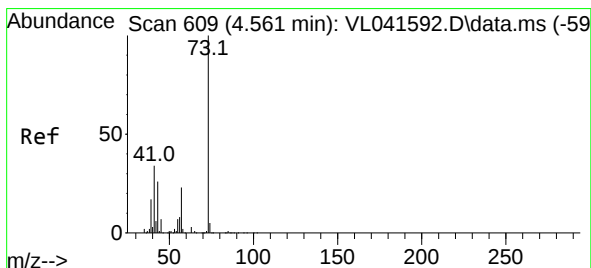
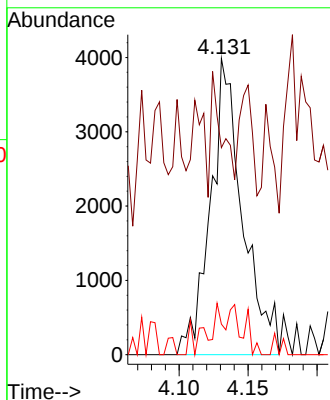
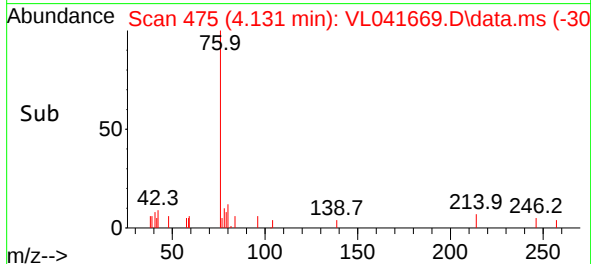
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2024



Tgt Ion: 76 Resp: 6430
Ion Ratio Lower Upper
76 100
44 62.0 15.8 23.8
78 17.9 7.5 11.3

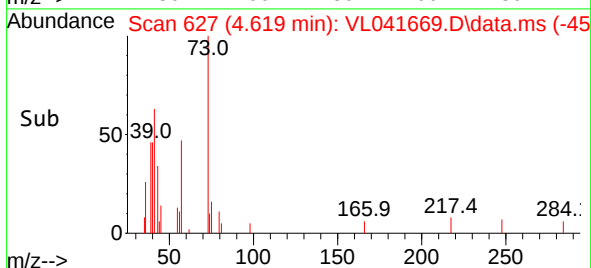
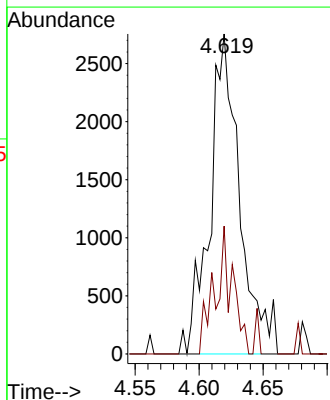
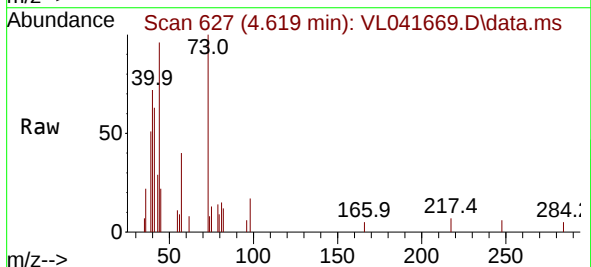
Manual Integrations
APPROVED

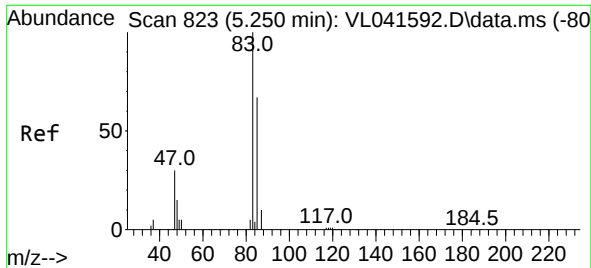
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#28
Methyl tert-Butyl Ether
Concen: 0.082 ppbv m
RT: 4.619 min Scan# 627
Delta R.T. 0.058 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion: 73 Resp: 4488
Ion Ratio Lower Upper
73 100
57 0.0 19.3 28.9





#29

Chloroform

Concen: 0.097 ppbv m

RT: 5.282 min Scan# 81

Delta R.T. 0.032 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2024

Tgt Ion: 83 Resp: 1422

Ion Ratio Lower Upper

83 100

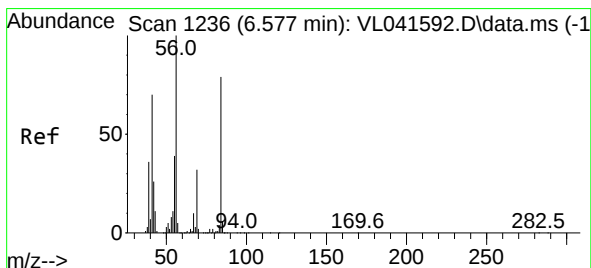
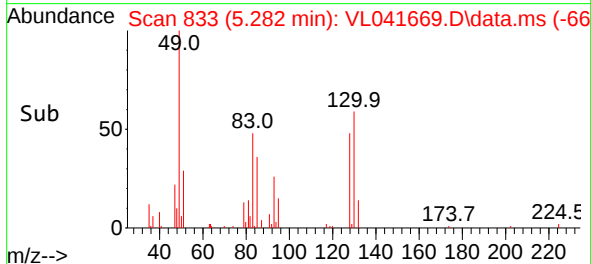
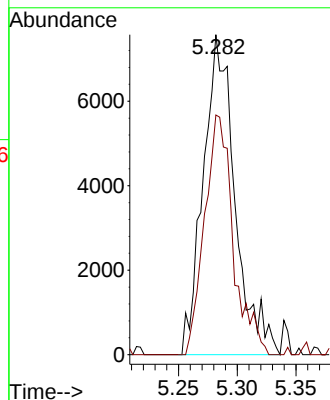
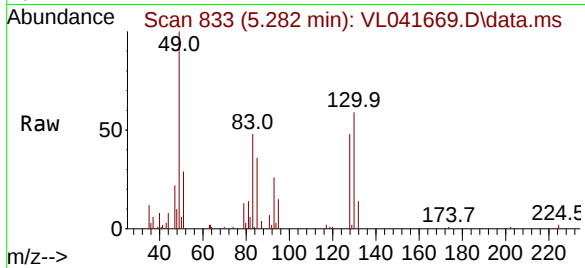
85 74.9 53.8 80.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#30

Cyclohexane

Concen: 0.058 ppbv m

RT: 6.606 min Scan# 1245

Delta R.T. 0.029 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

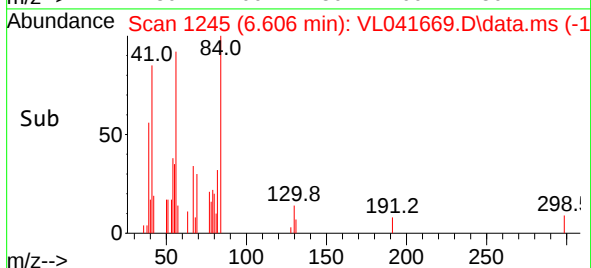
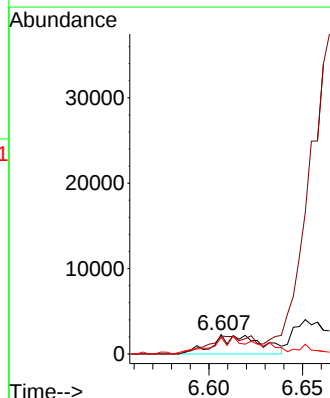
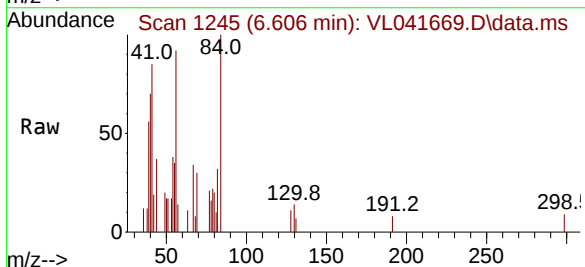
Tgt Ion: 84 Resp: 3996

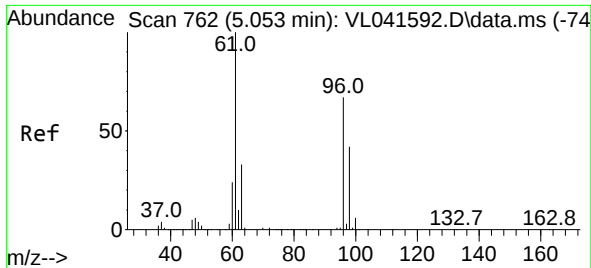
Ion Ratio Lower Upper

84 100

56 0.0 111.5 167.3#

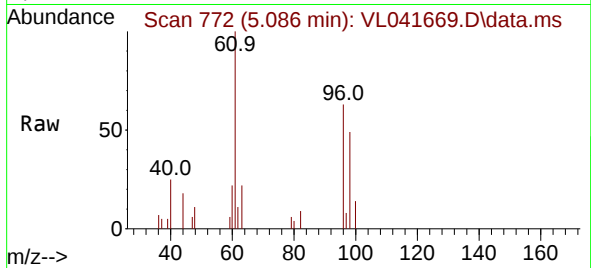
41 0.0 70.9 106.3#





#31
 cis-1,2-Dichloroethene
 Concen: 0.069 ppbv m
 RT: 5.086 min Scan# 71
 Delta R.T. 0.032 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

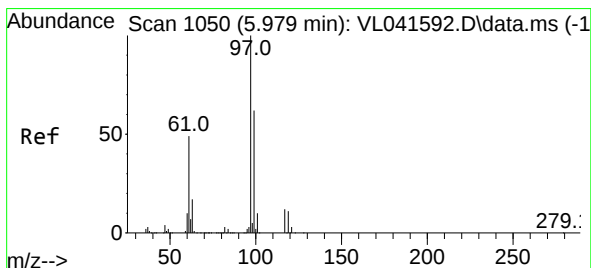
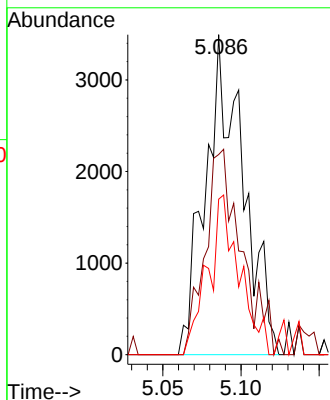
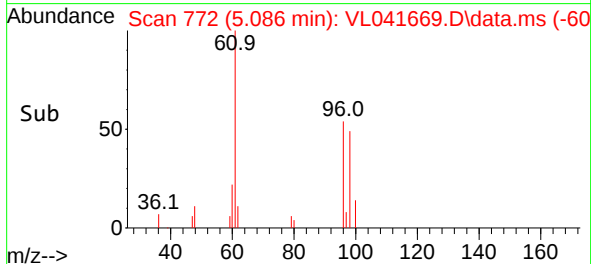
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2024



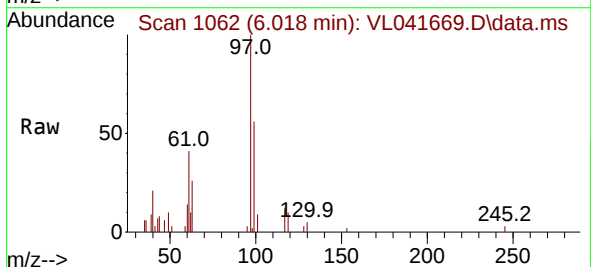
Tgt Ion: 61 Resp: 585
 Ion Ratio Lower Upper
 61 100
 96 62.5 53.5 80.3
 98 48.6 33.7 50.5

Manual Integrations
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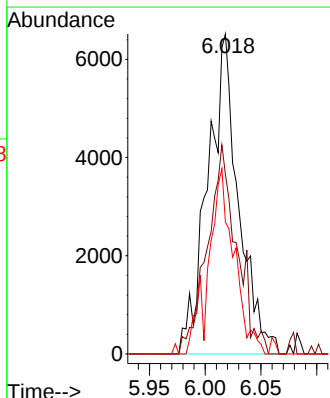
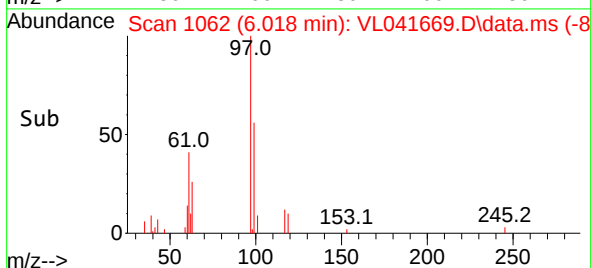
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

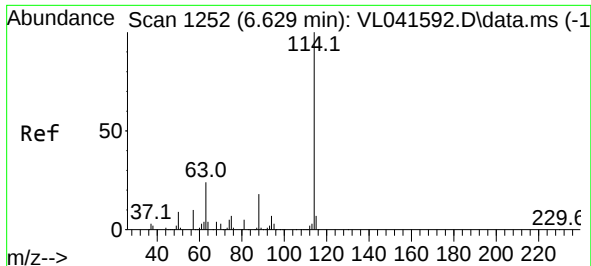


#32
 1,1,1-Trichloroethane
 Concen: 0.096 ppbv m
 RT: 6.018 min Scan# 1062
 Delta R.T. 0.039 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40



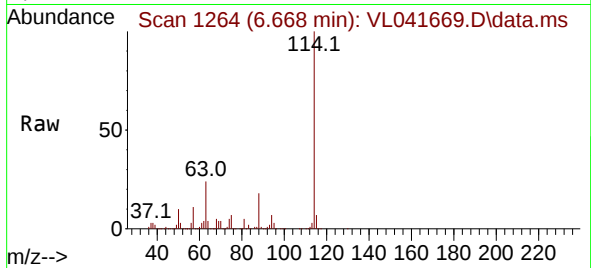
Tgt Ion: 97 Resp: 12506
 Ion Ratio Lower Upper
 97 100
 99 62.7 51.0 76.4
 61 48.9 41.0 61.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 114
Delta R.T. 0.039 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

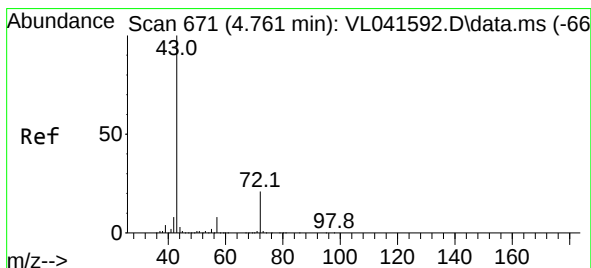
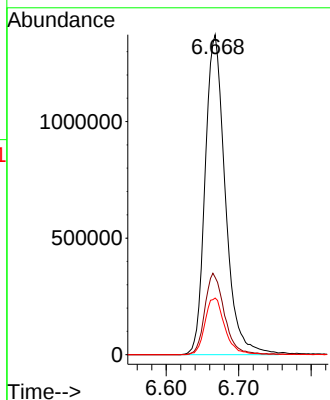
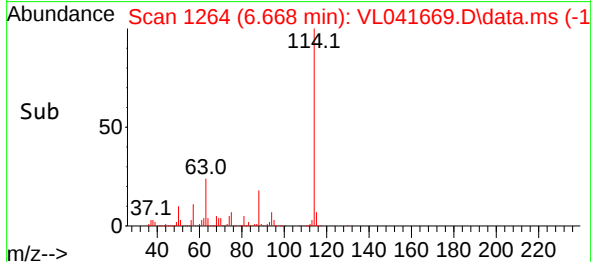
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2024



Tgt Ion: 114 Resp: 2647068
Ion Ratio Lower Upper
114 100
63 25.0 20.2 30.2
88 17.7 14.2 21.4

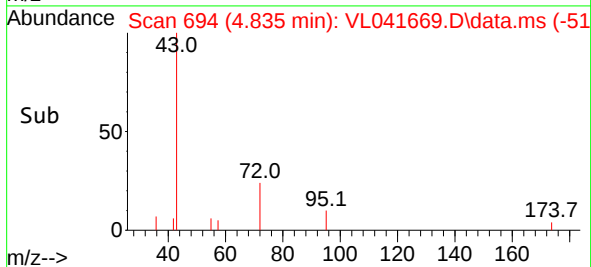
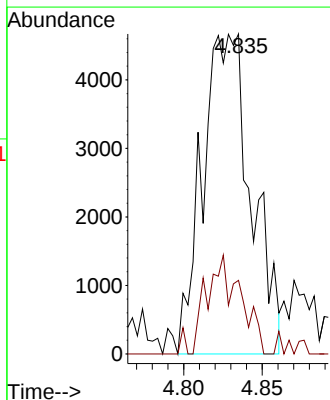
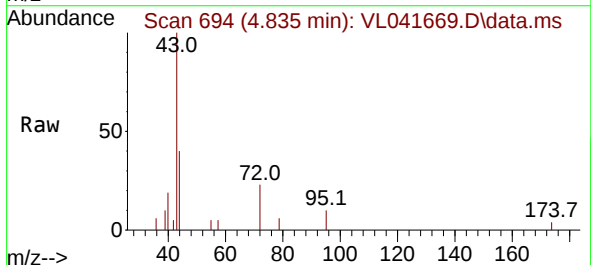
Manual Integrations
APPROVED

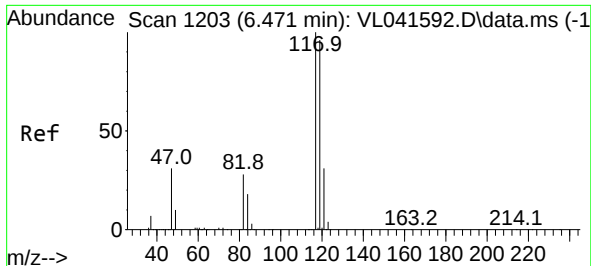
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#34
2-Butanone
Concen: 0.080 ppbv m
RT: 4.835 min Scan# 694
Delta R.T. 0.074 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

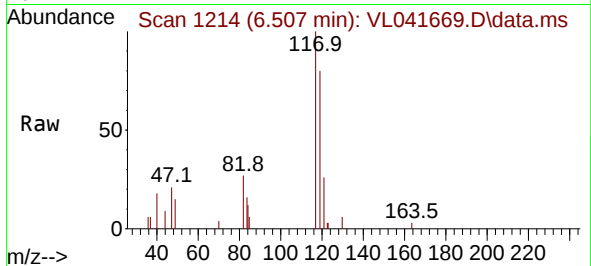
Tgt Ion: 43 Resp: 10126
Ion Ratio Lower Upper
43 100
72 0.0 16.8 25.2#





#35
Carbon Tetrachloride
Concen: 0.093 ppbv m
RT: 6.507 min Scan# 1177
Delta R.T. 0.035 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

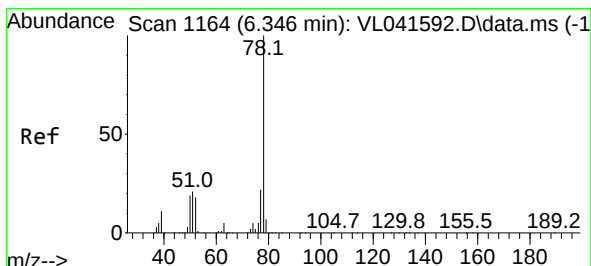
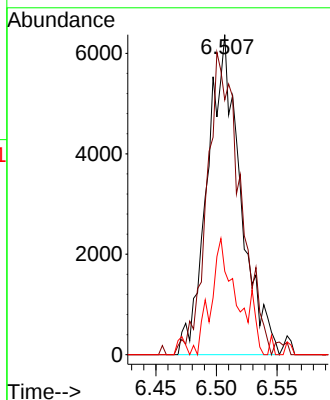
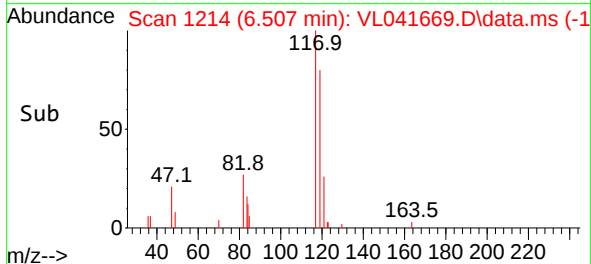
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT4-2024



Tgt Ion: 117 Resp: 1209
Ion Ratio Lower Upper
117 100
119 79.6 76.8 115.2
121 26.0 25.0 37.6

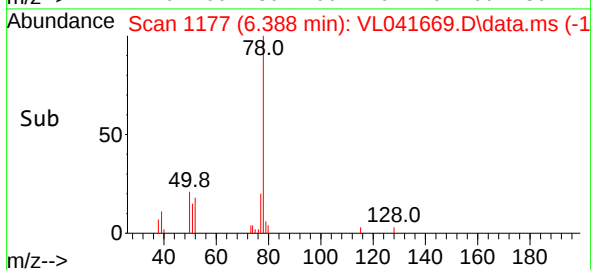
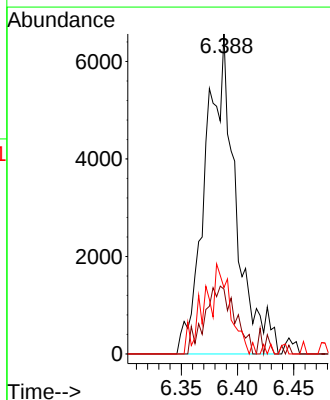
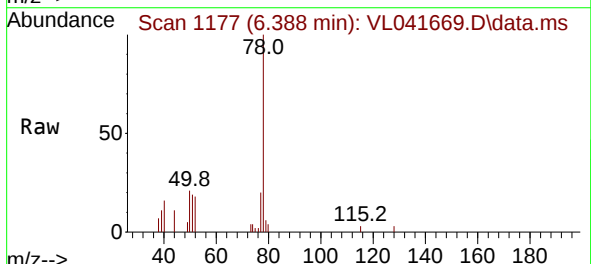
Manual Integrations
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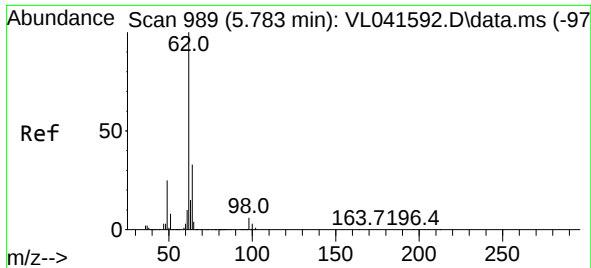
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#36
Benzene
Concen: 0.067 ppbv m
RT: 6.388 min Scan# 1177
Delta R.T. 0.042 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion: 78 Resp: 12332
Ion Ratio Lower Upper
78 100
77 20.3 17.8 26.6
50 20.7 15.4 23.0





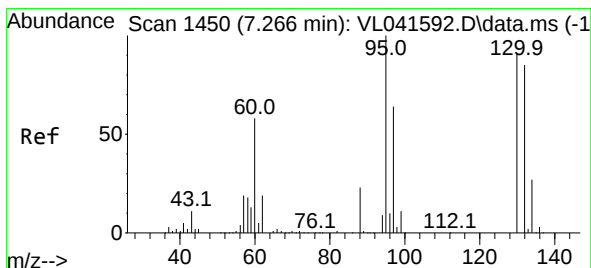
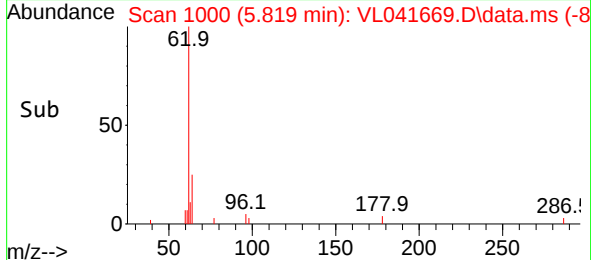
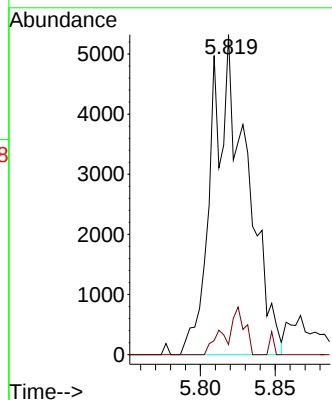
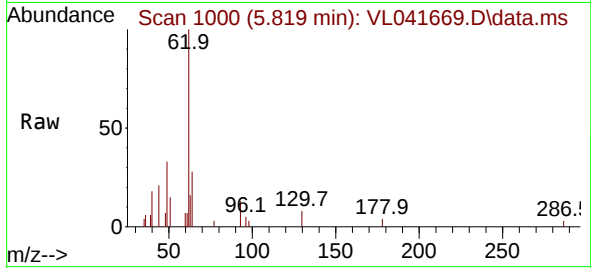
#37
1,2-Dichloroethane
Concen: 0.082 ppbv m
RT: 5.819 min Scan# 1000
Delta R.T. 0.035 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2024

Tgt Ion: 62 Resp: 8700
Ion Ratio Lower Upper
62 100
98 0.0 4.8 7.2

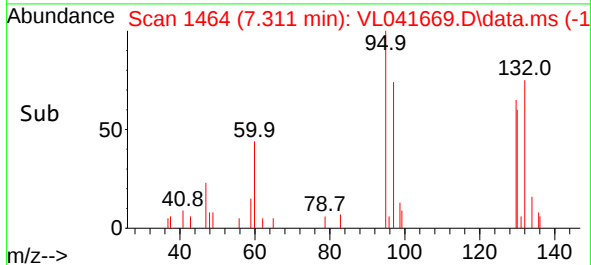
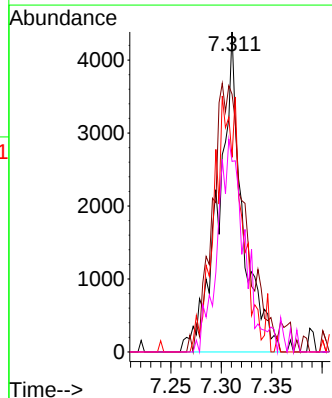
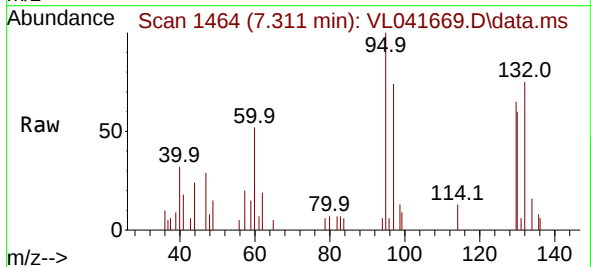
Manual Integrations
APPROVED

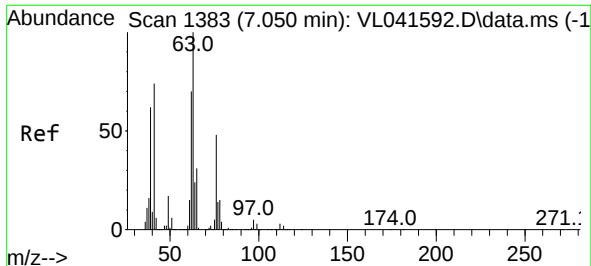
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#38
Trichloroethene
Concen: 0.077 ppbv m
RT: 7.311 min Scan# 1464
Delta R.T. 0.045 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion:130 Resp: 7270
Ion Ratio Lower Upper
130 100
95 154.9 87.7 131.5#
132 116.9 74.5 111.7#
97 114.5 56.3 84.5#





#39

1,2-Dichloropropane

Concen: 0.098 ppbv m

RT: 7.089 min Scan# 11

Delta R.T. 0.039 min

Lab File: VL041669.D

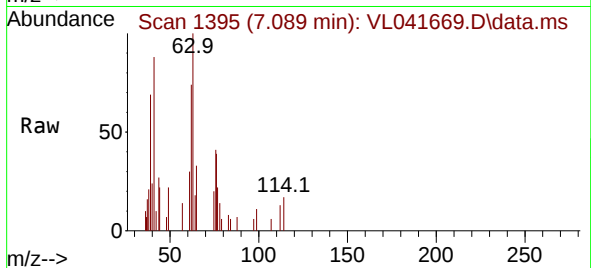
Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2024

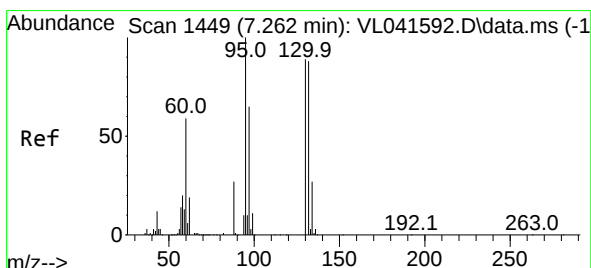
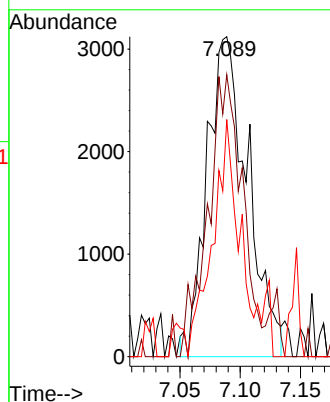
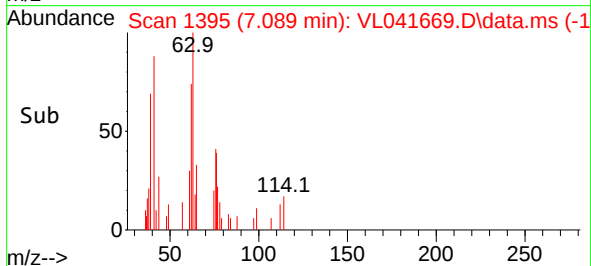


Tgt Ion: 63	Resp: 729
Ion Ratio	Lower Upper
63	100
41	88.1 59.5 89.3
62	74.1 56.2 84.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#40

1,4-Dioxane

Concen: 0.041 ppbv m

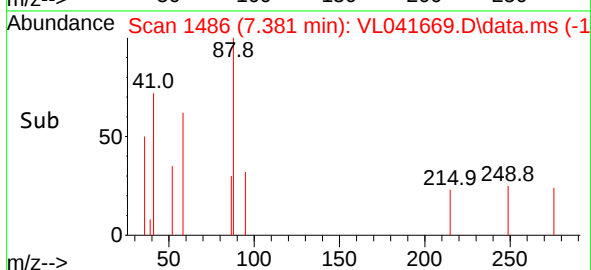
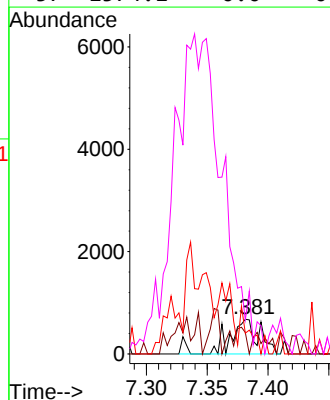
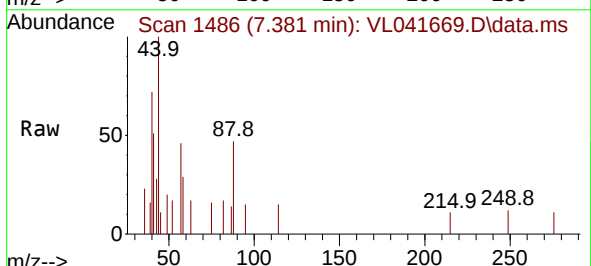
RT: 7.381 min Scan# 1486

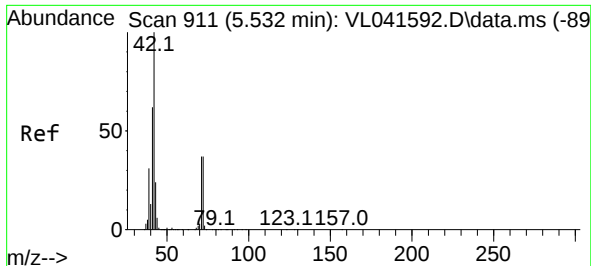
Delta R.T. 0.119 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

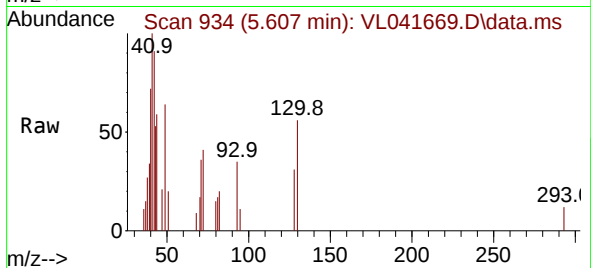
Tgt Ion: 88	Resp: 1156
Ion Ratio	Lower Upper
88	100
58	0.0 100.2 150.4#
43	419.0 0.0 0.0#
57	1574.1 0.0 0.0#





#41
Tetrahydrofuran
Concen: 0.052 ppbv m
RT: 5.607 min Scan# 911
Delta R.T. 0.074 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

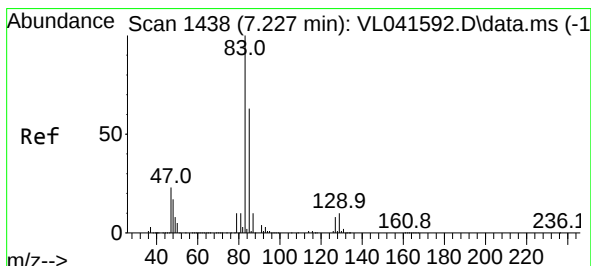
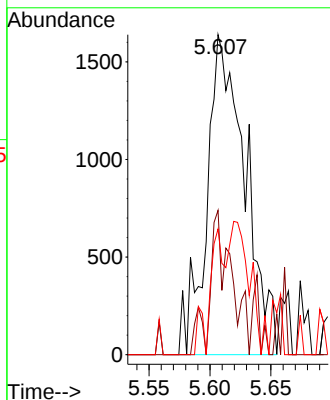
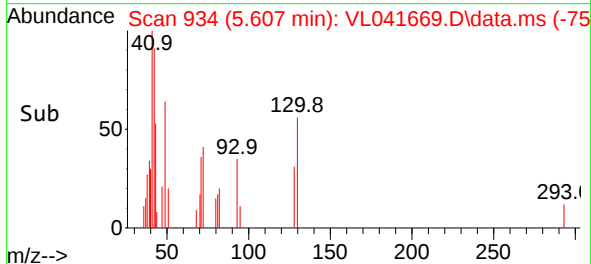
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2024



Tgt Ion: 42 Resp: 3589
Ion Ratio Lower Upper
42 100
72 0.0 30.2 45.2#
71 0.0 29.6 44.4#

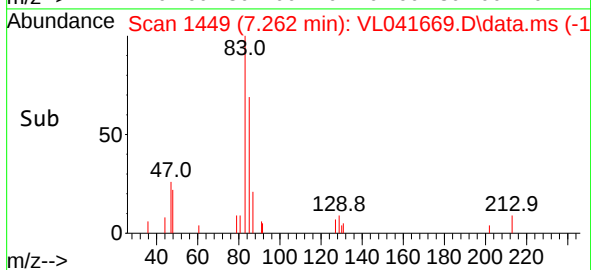
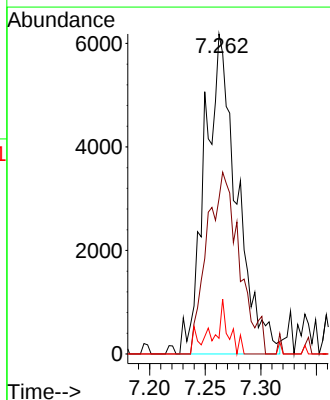
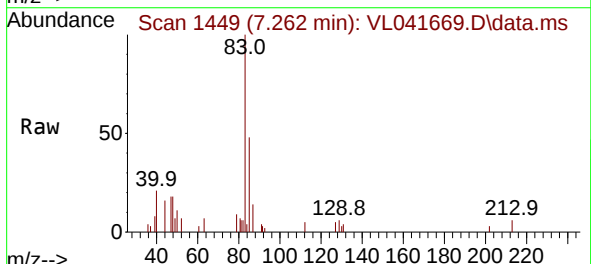
Manual Integrations
APPROVED

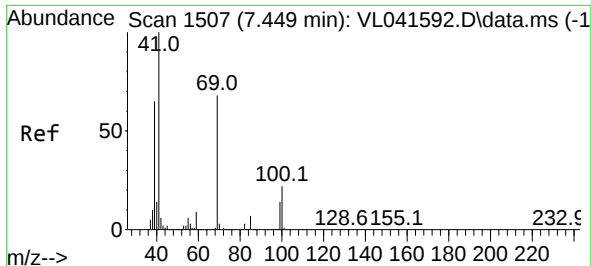
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#42
Bromodichloromethane
Concen: 0.084 ppbv m
RT: 7.262 min Scan# 1449
Delta R.T. 0.035 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion: 83 Resp: 12460
Ion Ratio Lower Upper
83 100
85 48.5 50.5 75.7#
127 4.9 6.5 9.7#





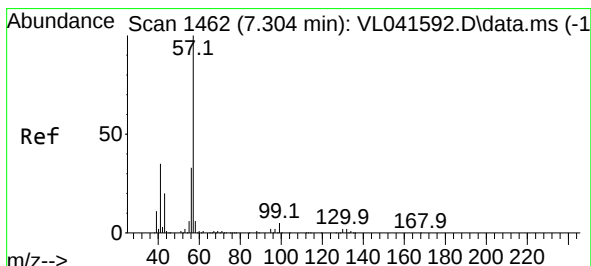
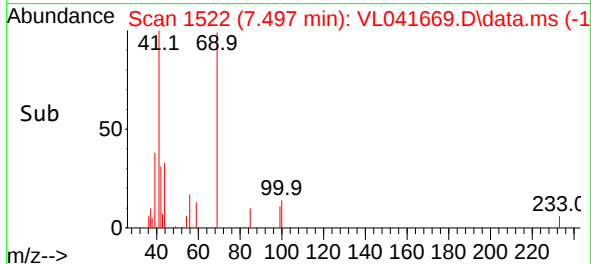
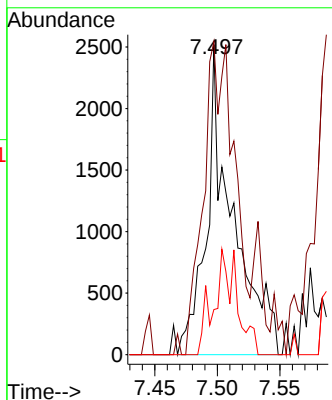
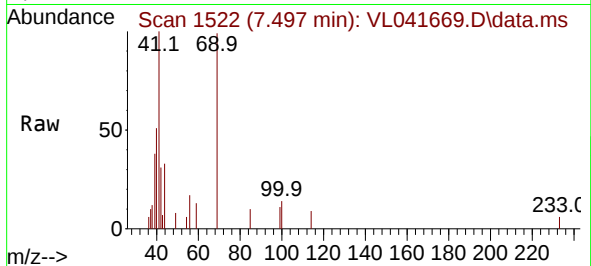
#43
Methyl Methacrylate
Concen: 0.056 ppbv m
RT: 7.497 min Scan# 1472
Delta R.T. 0.048 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2024

Tgt Ion: 69 Resp: 366
Ion Ratio Lower Upper
69 100
41 140.3 121.8 182.6
100 0.0 26.5 39.7

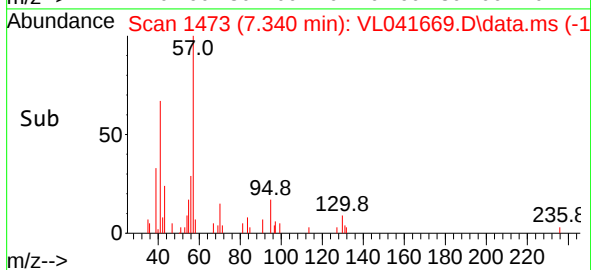
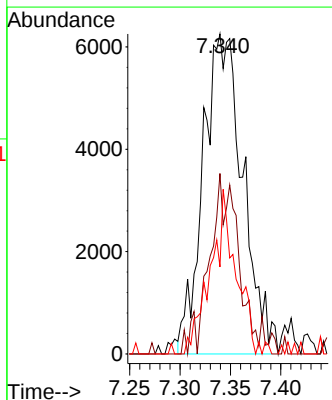
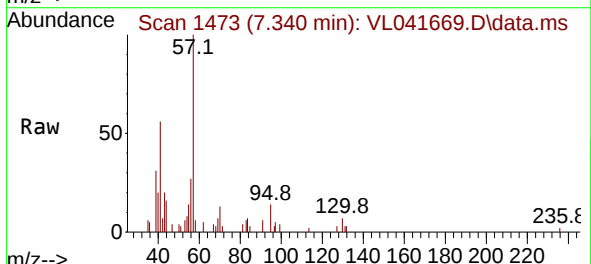
Manual Integrations
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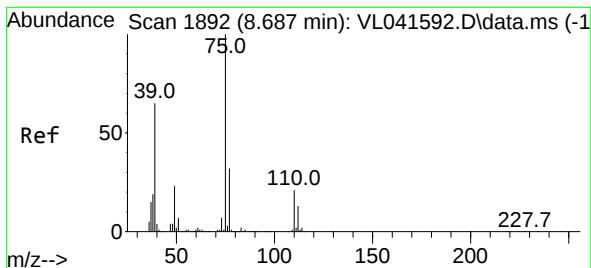
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#44
2,2,4-Trimethylpentane
Concen: 0.054 ppbv m
RT: 7.340 min Scan# 1473
Delta R.T. 0.035 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion: 57 Resp: 17279
Ion Ratio Lower Upper
57 100
41 0.0 27.0 40.6#
56 0.0 25.5 38.3#





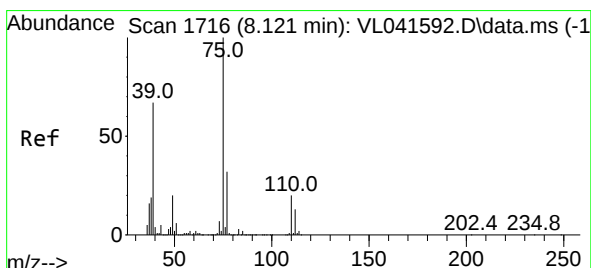
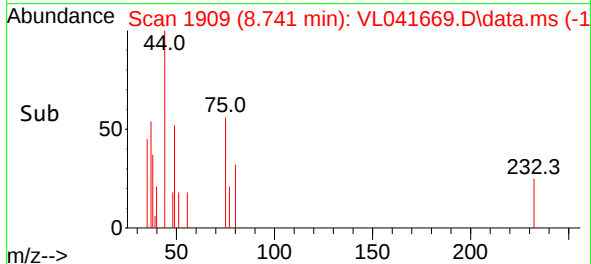
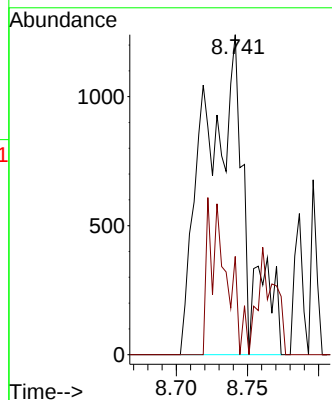
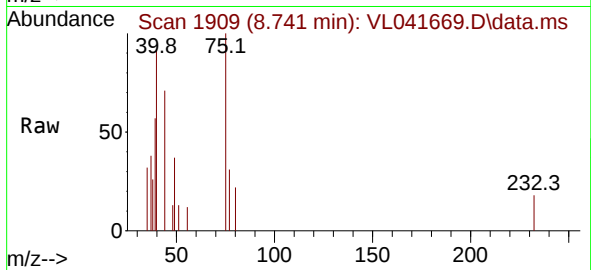
#45
t-1,3-Dichloropropene
Concen: 0.046 ppbv m
RT: 8.741 min Scan# 1909
Delta R.T. 0.055 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2024

Tgt Ion: 75 Resp: 245
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

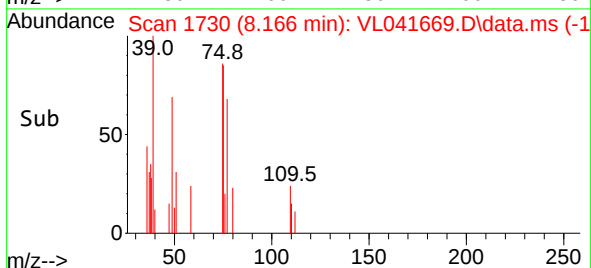
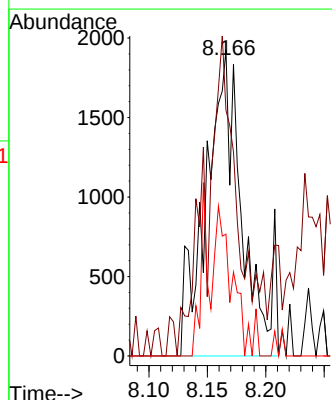
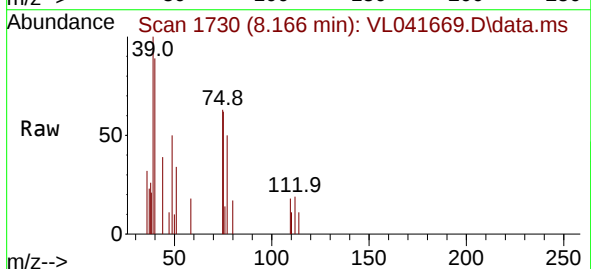
Manual Integrations
APPROVED

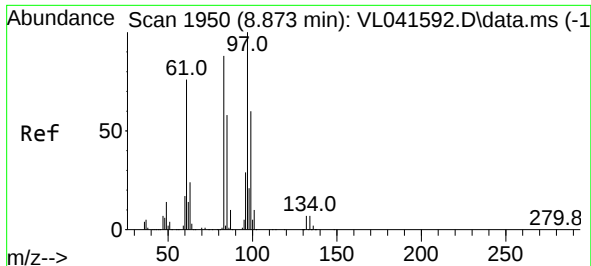
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#46
cis-1,3-Dichloropropene
Concen: 0.054 ppbv m
RT: 8.166 min Scan# 1730
Delta R.T. 0.045 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion: 75 Resp: 4170
Ion Ratio Lower Upper
75 100
39 159.4 54.0 81.0#
77 79.0 25.2 37.8#





#47

1,1,2-Trichloroethane

Concen: 0.095 ppbv m

RT: 8.928 min Scan# 1950

Delta R.T. 0.055 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

ClientSampleId :

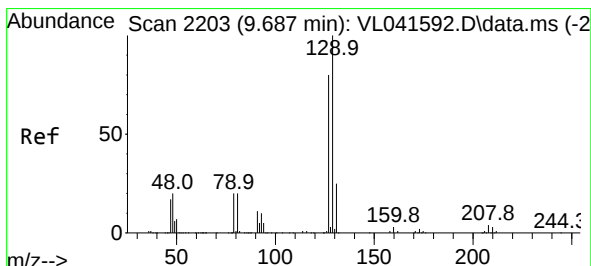
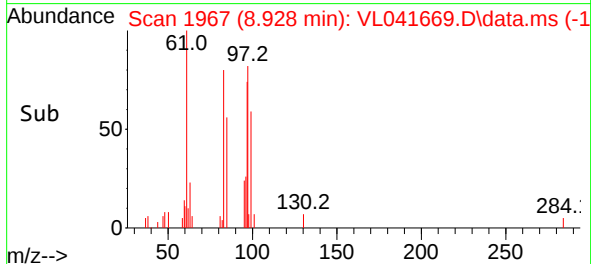
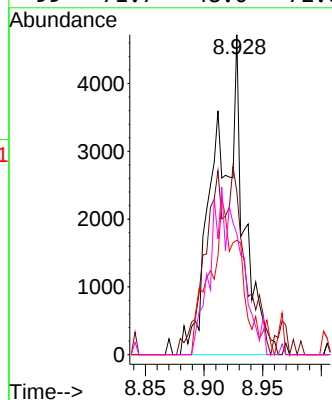
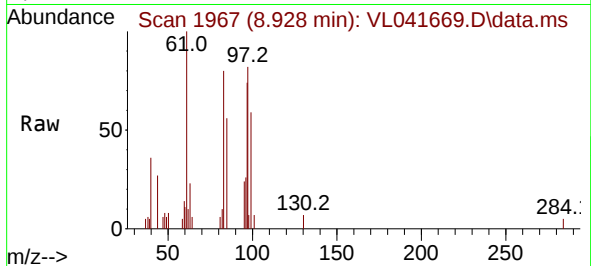
MDL-AIR-03-QT4-2024

Tgt Ion: 97	Resp: 7580
Ion Ratio	Lower Upper
97 100	
83 96.8	70.2 105.4
85 67.8	46.3 69.5
99 71.7	48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#48

Dibromochloromethane

Concen: 0.058 ppbv m

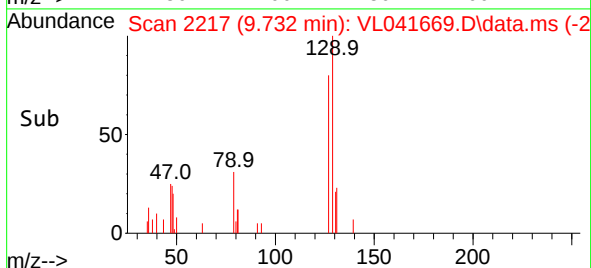
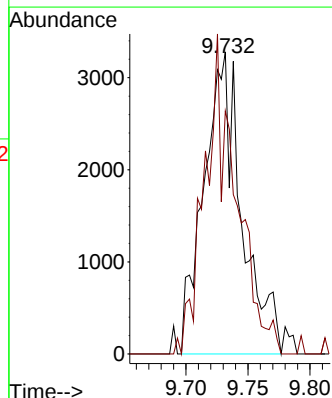
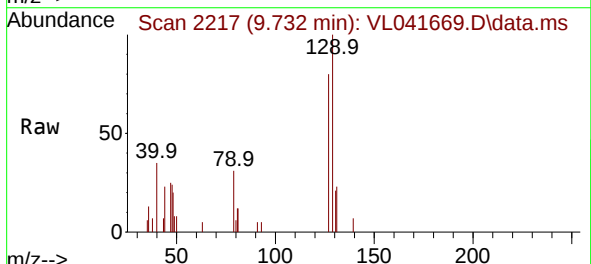
RT: 9.732 min Scan# 2217

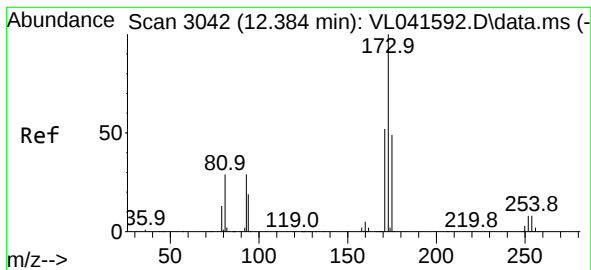
Delta R.T. 0.045 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Tgt Ion:129	Resp: 6971
Ion Ratio	Lower Upper
129 100	
127 0.0	39.3 117.9#





#49

Bromoform

Concen: 0.050 ppbv m

RT: 12.423 min Scan# 3042

Delta R.T. 0.039 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

ClientSampleId :

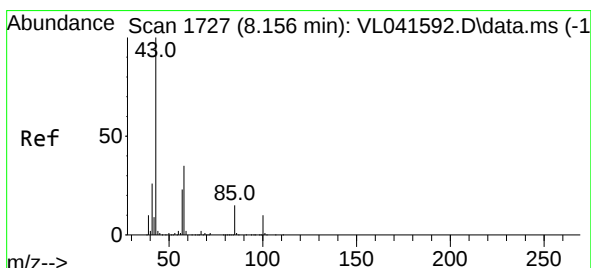
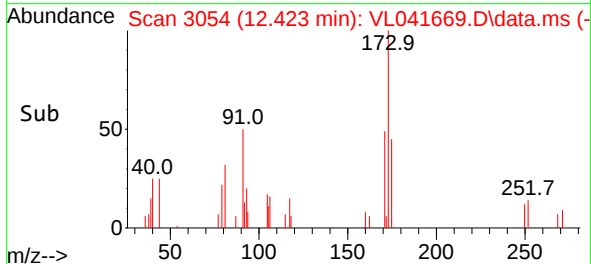
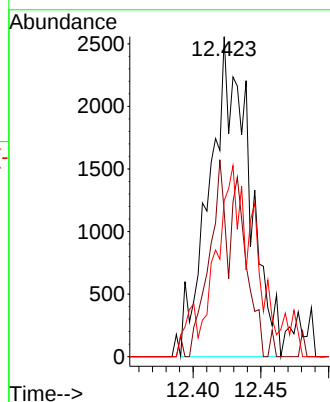
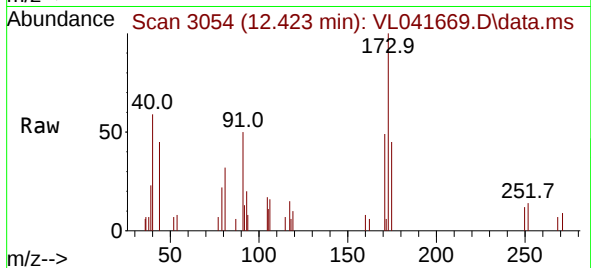
MDL-AIR-03-QT4-2024

Tgt Ion:173	Resp:	5170
Ion Ratio	Lower	Upper
173	100	
175	0.0	40.1
171	0.0	42.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#50

4-Methyl-2-Pentanone

Concen: 0.050 ppbv m

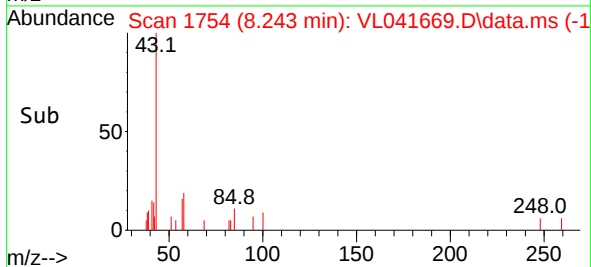
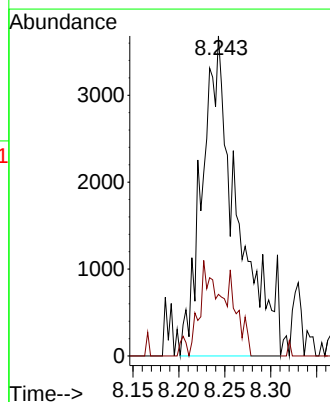
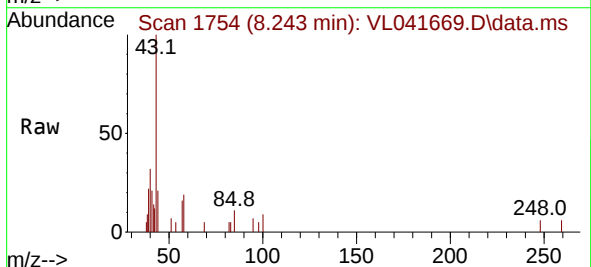
RT: 8.243 min Scan# 1754

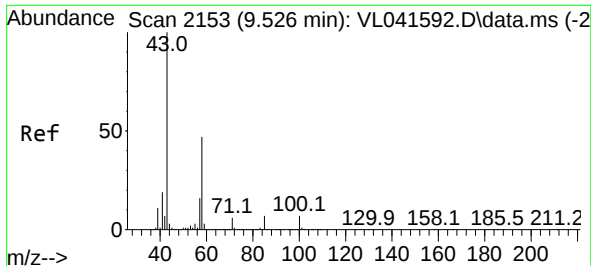
Delta R.T. 0.087 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

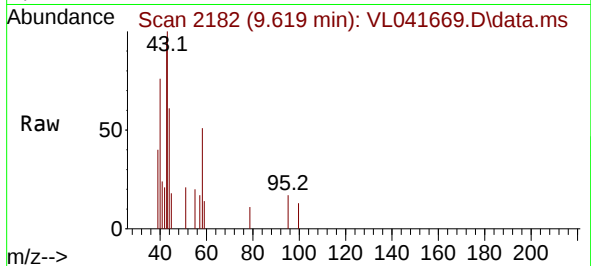
Tgt Ion: 43	Resp:	9780
Ion Ratio	Lower	Upper
43	100	
58	0.0	27.8





#51
2-Hexanone
Concen: 0.047 ppbv m
RT: 9.619 min Scan# 2153
Delta R.T. 0.093 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

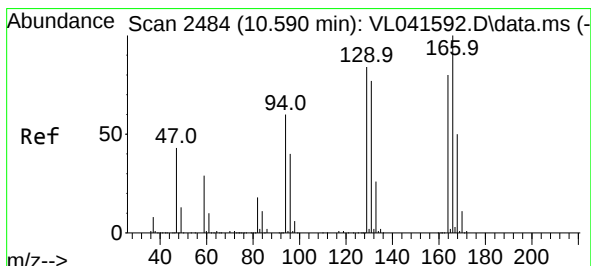
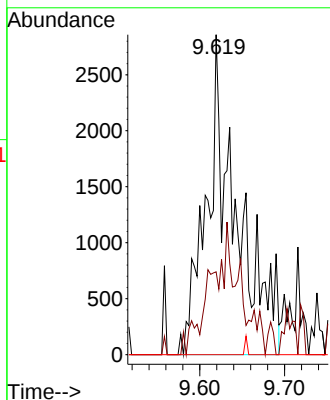
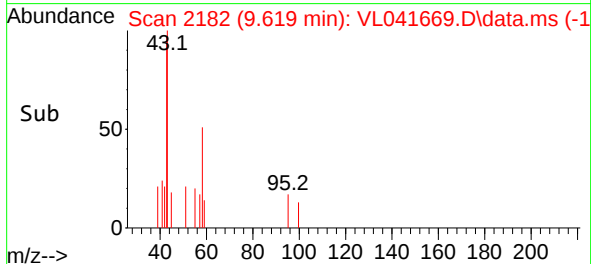
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2024



Tgt Ion: 43 Resp: 6932
Ion Ratio Lower Upper
43 100
58 0.0 37.2 55.8
98 0.0 0.5 0.7

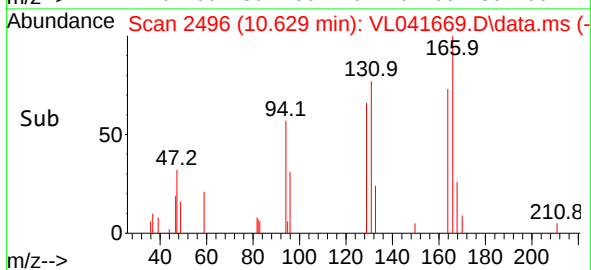
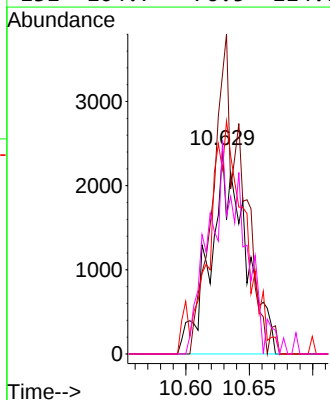
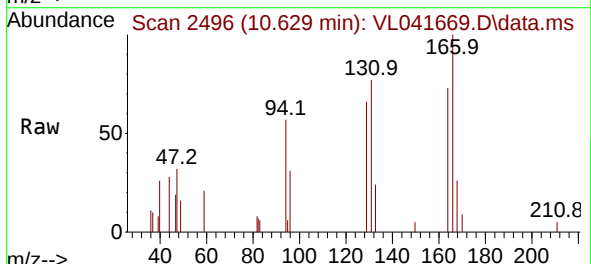
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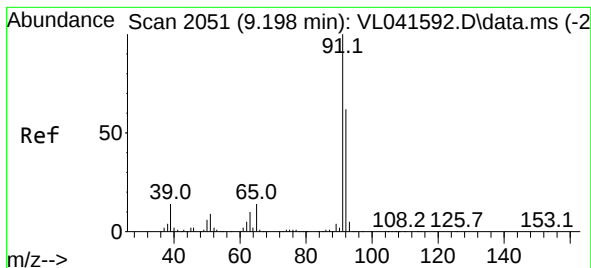
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#52
Tetrachloroethene
Concen: 0.070 ppbv m
RT: 10.629 min Scan# 2496
Delta R.T. 0.039 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion:164 Resp: 4671
Ion Ratio Lower Upper
164 100
166 136.9 99.4 149.2
129 90.1 83.5 125.3
131 104.7 76.5 114.7





#53

Toluene

Concen: 0.052 ppbv m

RT: 9.240 min Scan# 2051

Delta R.T. 0.042 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2024

Tgt Ion: 91 Resp: 1006

Ion Ratio Lower Upper

91 100

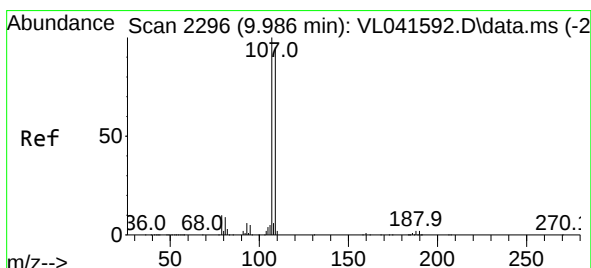
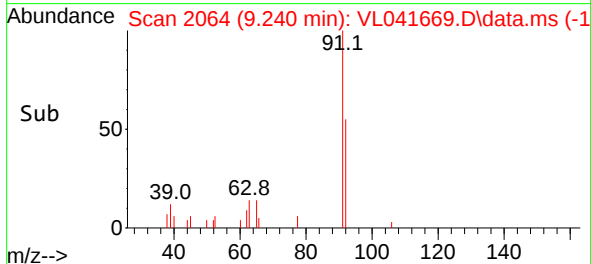
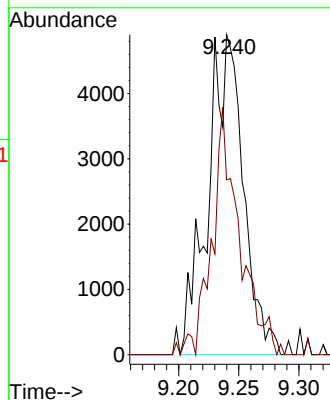
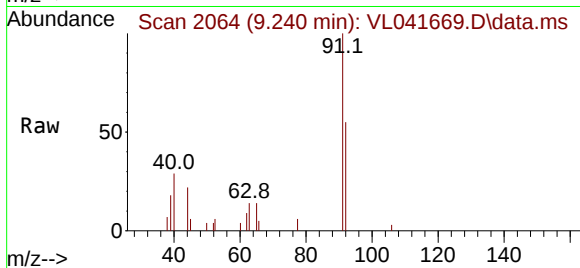
92 59.9 48.9 73.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#54

1,2-Dibromoethane

Concen: 0.058 ppbv m

RT: 10.034 min Scan# 2311

Delta R.T. 0.048 min

Lab File: VL041669.D

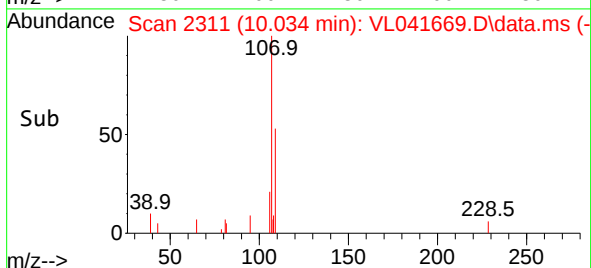
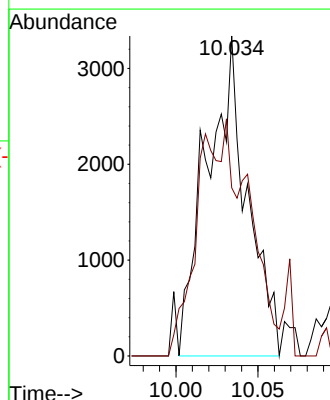
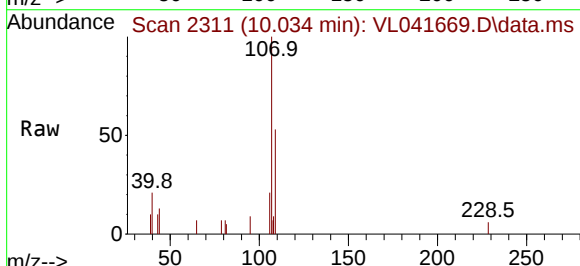
Acq: 14 Oct 2024 15:40

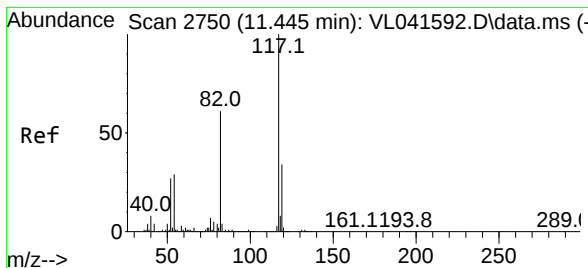
Tgt Ion:107 Resp: 5704

Ion Ratio Lower Upper

107 100

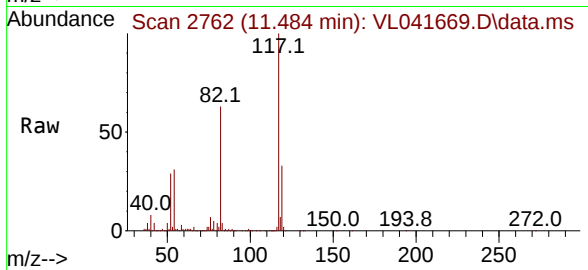
109 52.5 75.7 113.5#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 21
Delta R.T. 0.039 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

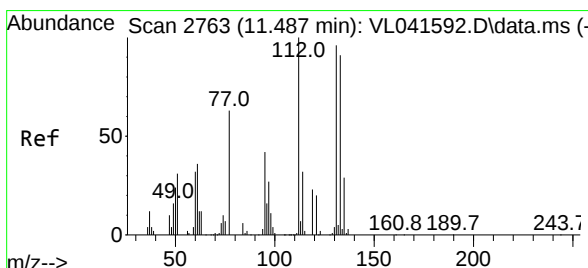
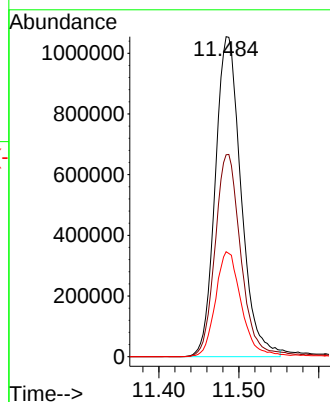
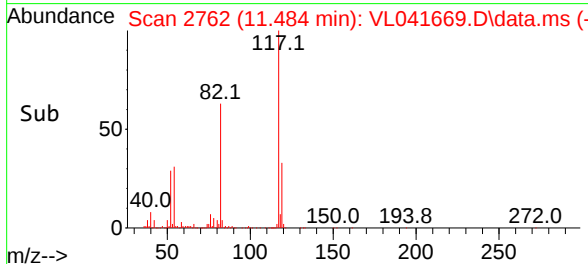
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2024



Tgt Ion:117 Resp: 2363204
Ion Ratio Lower Upper
117 100
82 64.6 49.4 74.2
119 33.6 24.4 36.6

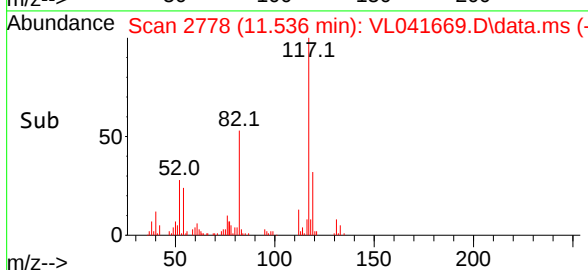
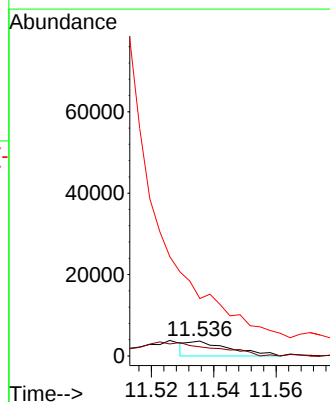
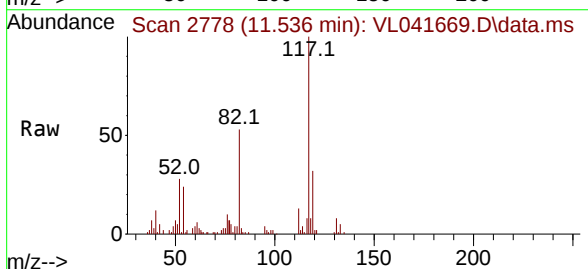
Manual Integrations
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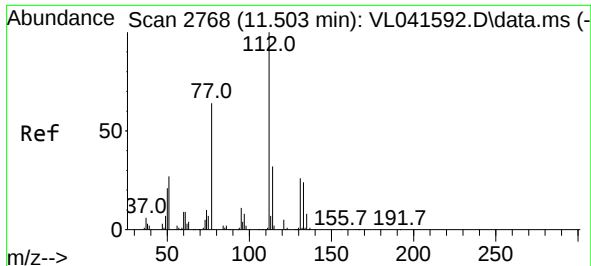
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 0.038 ppbv
RT: 11.536 min Scan# 2778
Delta R.T. 0.048 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion:131 Resp: 3490
Ion Ratio Lower Upper
131 100
133 0.0 76.6 115.0#
119 0.0 48.5 72.7#





#57

Chlorobenzene

Concen: 0.089 ppbv m

RT: 11.545 min Scan# 21

Delta R.T. 0.042 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2024

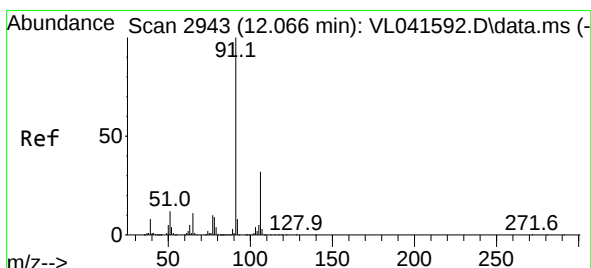
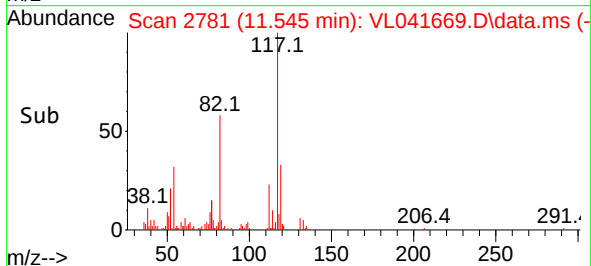
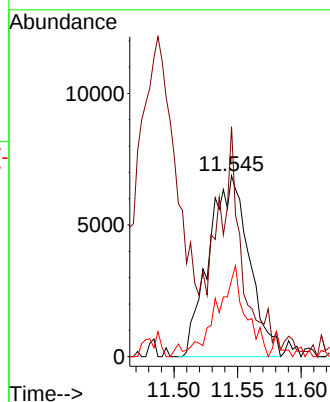
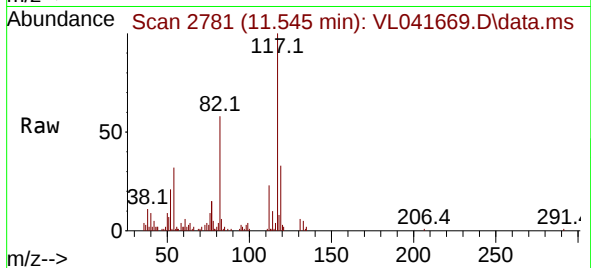
Tgt Ion:	112	Resp:	1519
Ion Ratio	Lower	Upper	
112	100		
77	63.6	52.0	78.0
114	42.4	28.6	35.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#58

Ethyl Benzene

Concen: 0.047 ppbv m

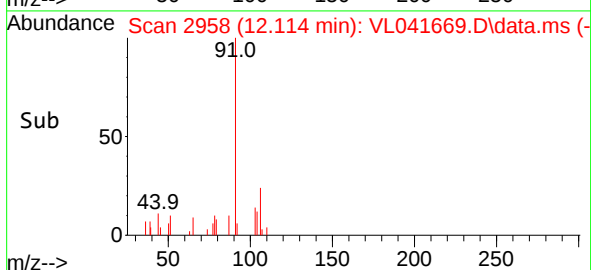
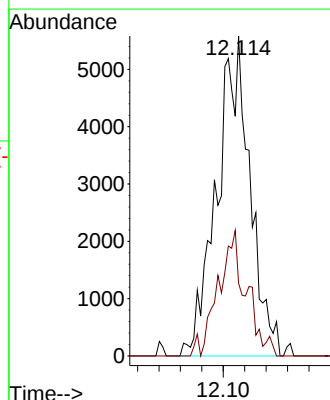
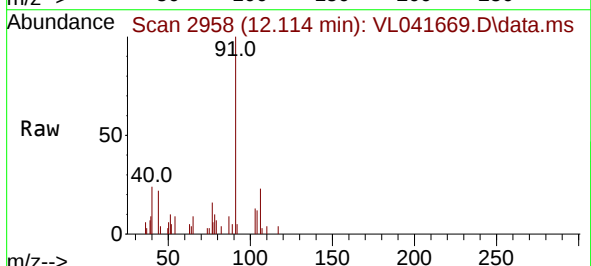
RT: 12.114 min Scan# 2958

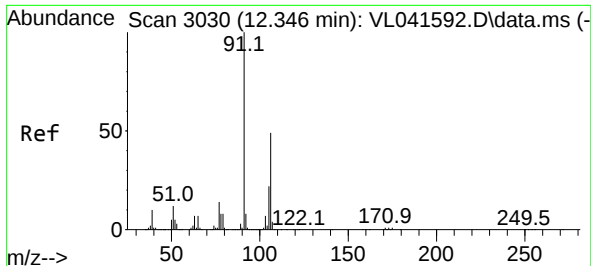
Delta R.T. 0.048 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Tgt Ion:	91	Resp:	11962
Ion Ratio	Lower	Upper	
91	100		
106	22.7	25.8	38.6





#59

m/p-Xylene

Concen: 0.083 ppbv m

RT: 12.362 min Scan# 3035

Delta R.T. 0.016 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2024

Tgt Ion: 91 Resp: 1877

Ion Ratio Lower Upper

91 100

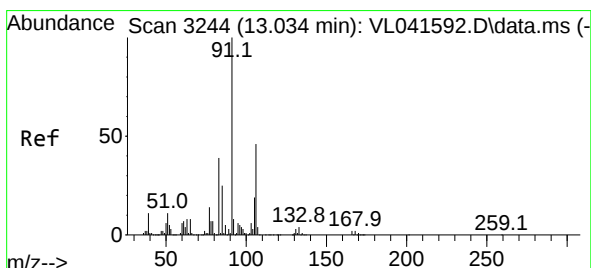
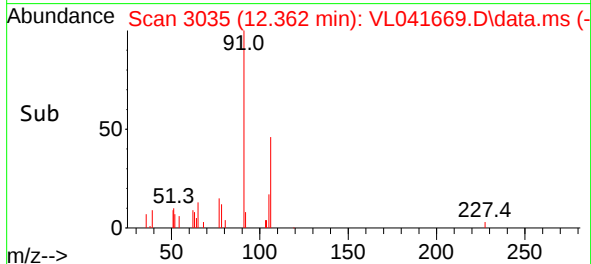
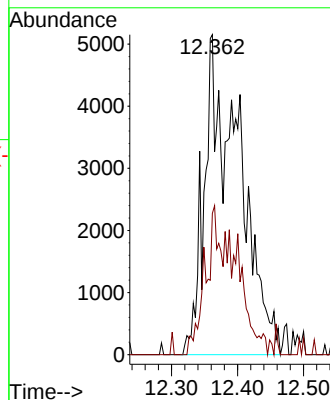
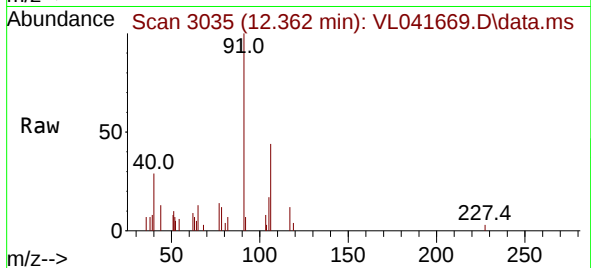
106 0.0 36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#60

o-Xylene

Concen: 0.043 ppbv m

RT: 13.076 min Scan# 3257

Delta R.T. 0.042 min

Lab File: VL041669.D

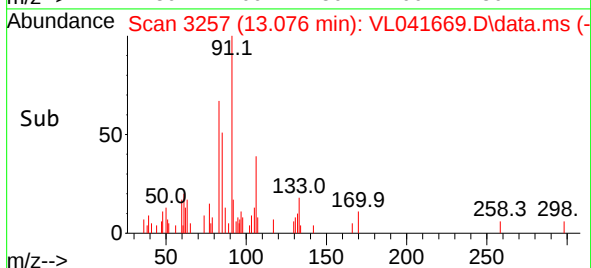
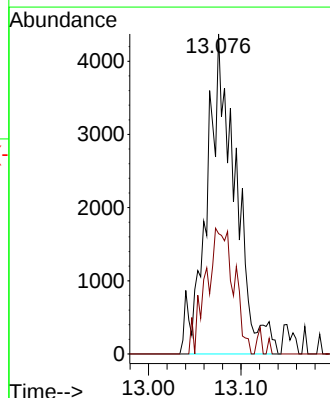
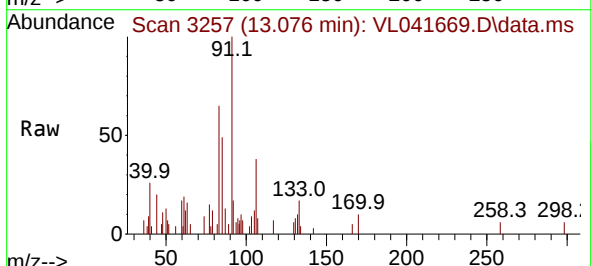
Acq: 14 Oct 2024 15:40

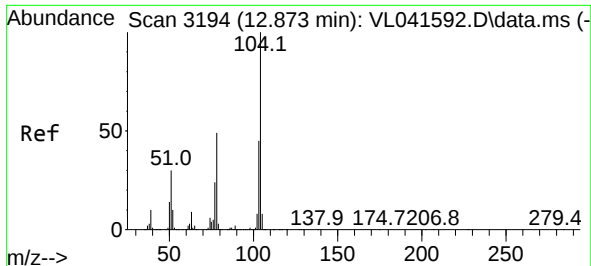
Tgt Ion: 91 Resp: 9373

Ion Ratio Lower Upper

91 100

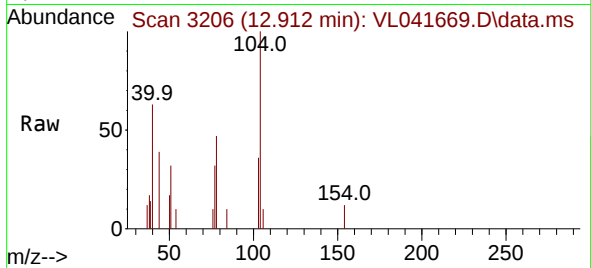
106 40.2 23.1 69.3





#61
Styrene
Concen: 0.037 ppbv m
RT: 12.912 min Scan# 3194
Delta R.T. 0.039 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

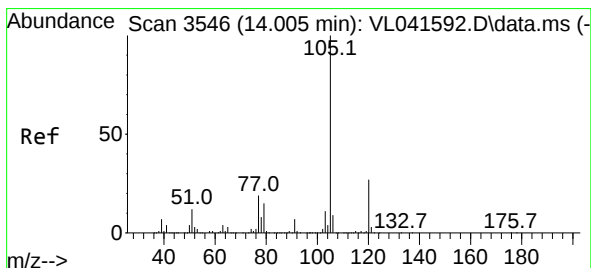
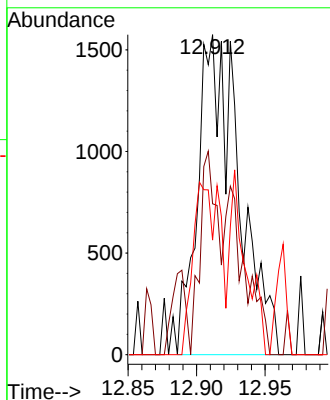
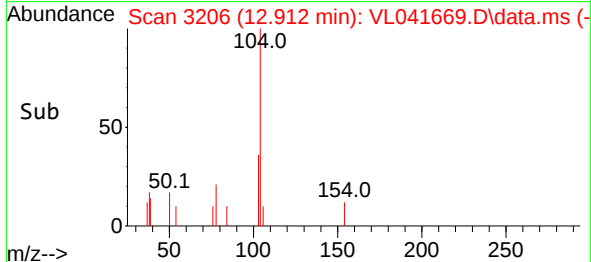
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2024



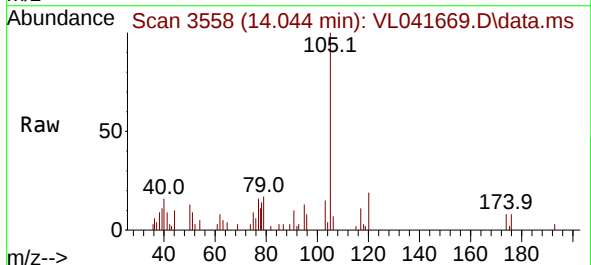
Tgt Ion:104 Resp: 3328
Ion Ratio Lower Upper
104 100
78 0.0 39.8 59.6
103 0.0 37.4 56.0

Manual Integrations
APPROVED

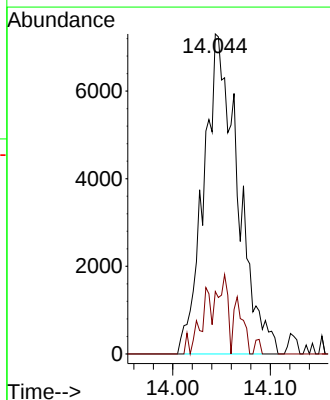
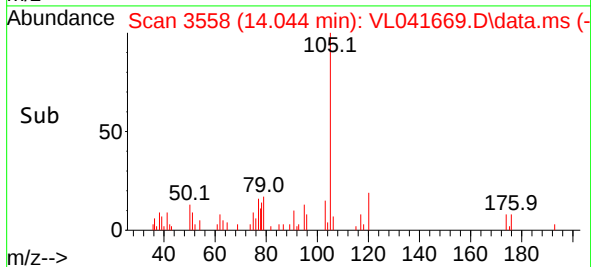
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

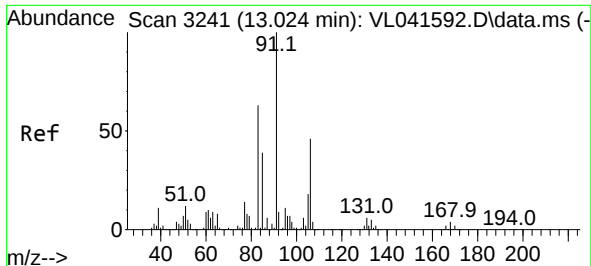


#62
Isopropylbenzene
Concen: 0.054 ppbv m
RT: 14.044 min Scan# 3558
Delta R.T. 0.039 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40



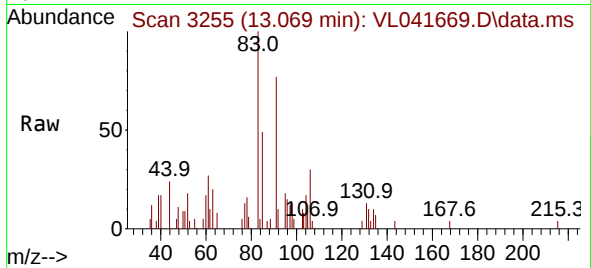
Tgt Ion:105 Resp: 17691
Ion Ratio Lower Upper
105 100
120 20.2 20.9 31.3#





#63
1,1,2,2-Tetrachloroethane
Concen: 0.086 ppbv m
RT: 13.069 min Scan# 31
Delta R.T. 0.045 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

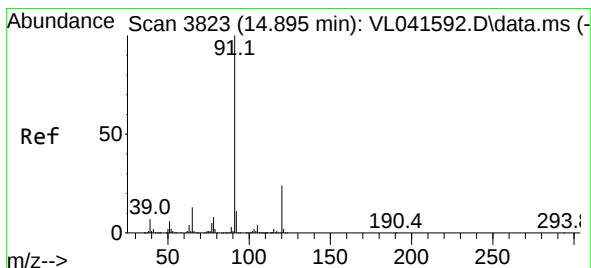
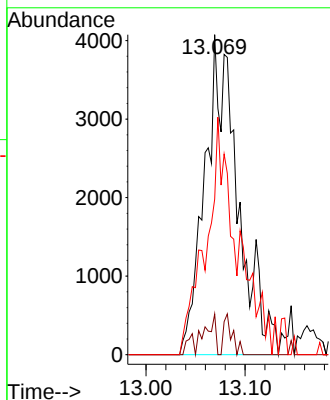
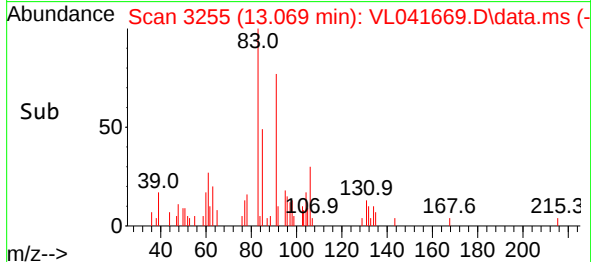
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2024



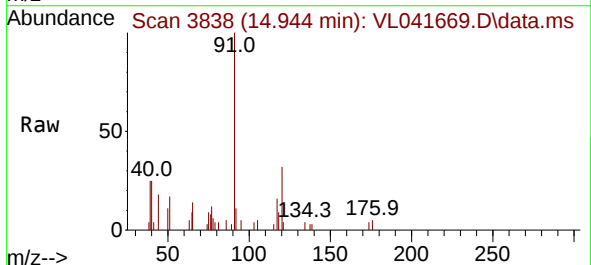
Tgt Ion: 83 Resp: 9450
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4
85 73.6 32.5 97.4

Manual Integrations
APPROVED

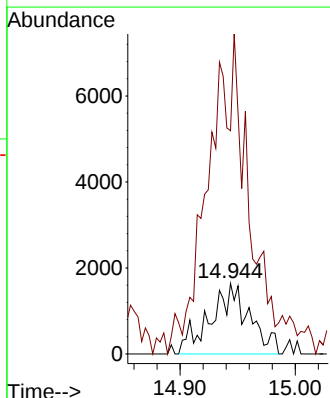
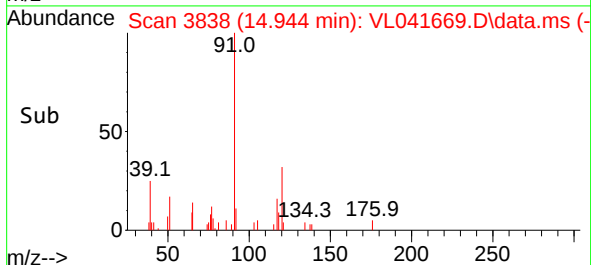
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

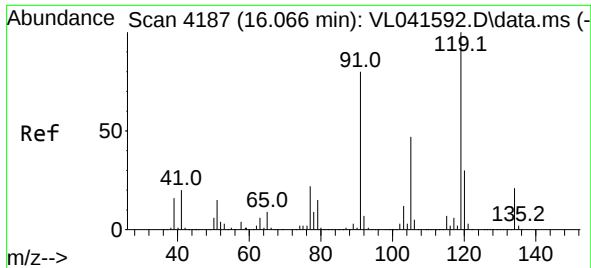


#64
n-propylbenzene
Concen: 0.045 ppbv m
RT: 14.944 min Scan# 3838
Delta R.T. 0.048 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40



Tgt Ion:120 Resp: 3833
Ion Ratio Lower Upper
120 100
91 494.4 366.4 549.6





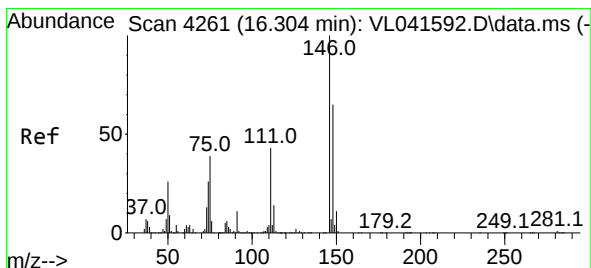
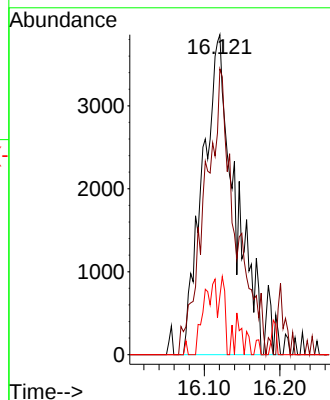
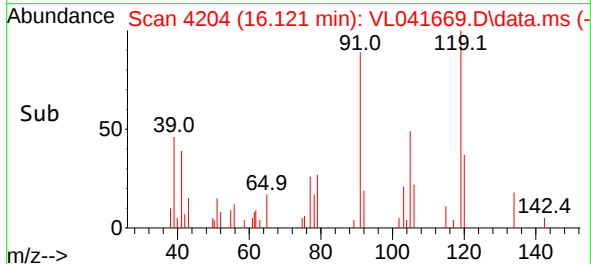
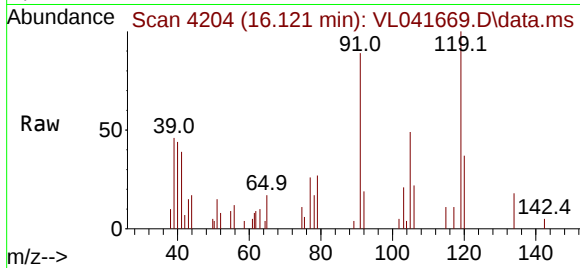
#65
tert-Butylbenzene
Concen: 0.040 ppbv m
RT: 16.121 min Scan# 4187
Delta R.T. 0.055 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2024

Tgt Ion: 119 Resp: 1186
Ion Ratio Lower Upper
119 100
91 82.4 64.6 96.8
134 13.9 15.8 23.8

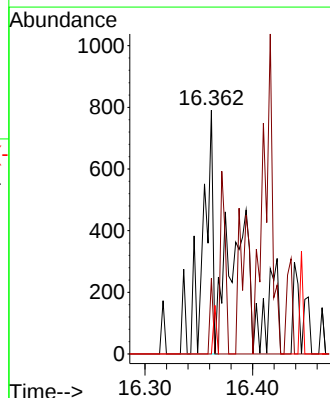
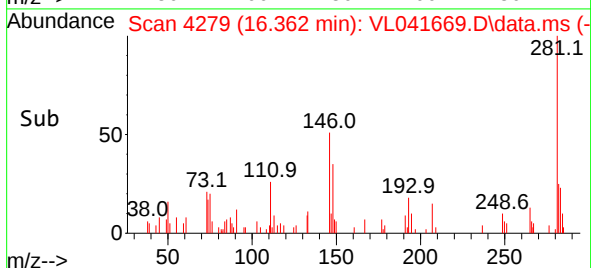
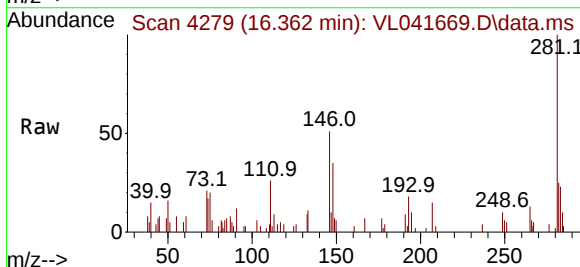
Manual Integrations
APPROVED

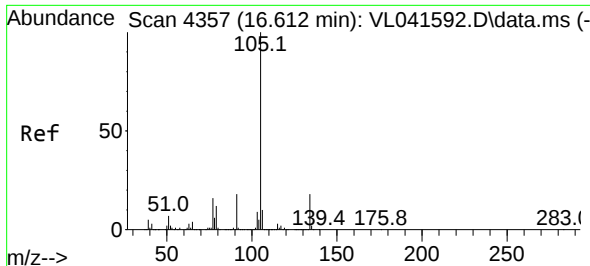
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#66
Benzyl Chloride
Concen: 0.087 ppbv m
RT: 16.362 min Scan# 4279
Delta R.T. 0.058 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

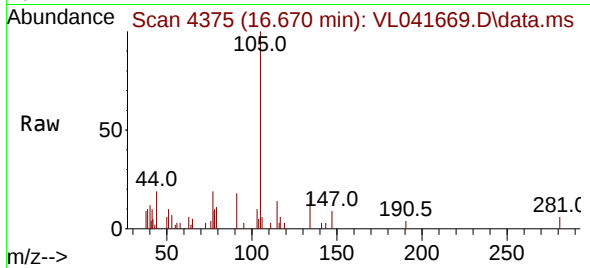
Tgt Ion: 91 Resp: 1356
Ion Ratio Lower Upper
91 100
126 0.0 15.4 23.2#
128 0.0 4.8 7.2#





#67
 sec-Butylbenzene
 Concen: 0.043 ppbv
 RT: 16.670 min Scan# 41
 Delta R.T. 0.058 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

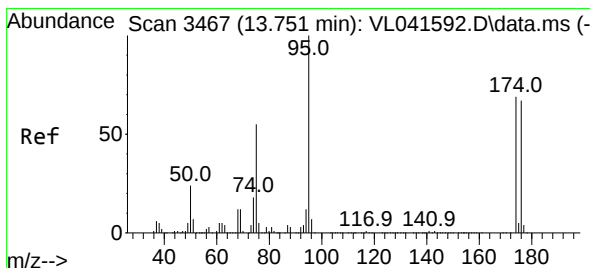
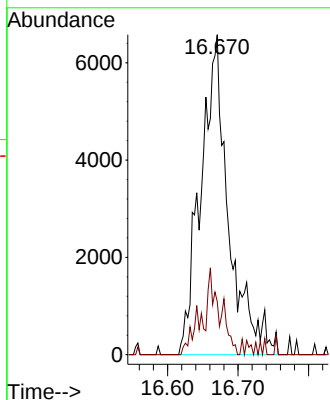
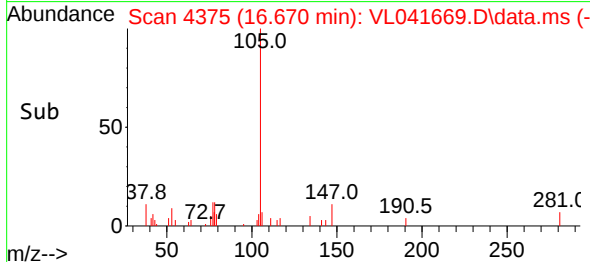
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2024



Tgt Ion:105 Resp: 18064
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.6 21.8

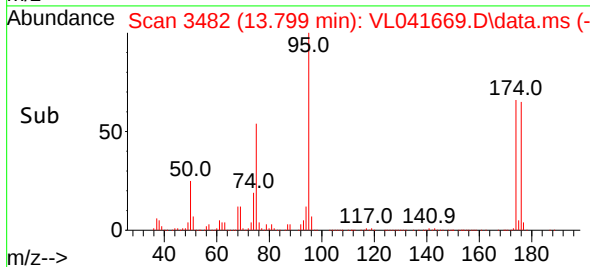
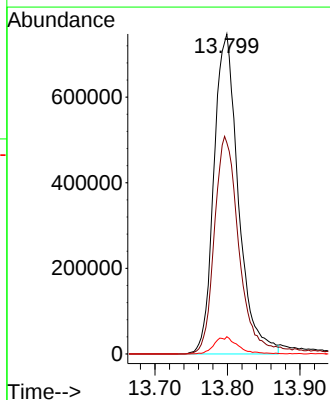
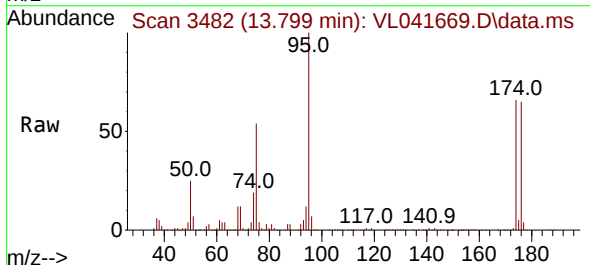
Manual Integrations
 APPROVED

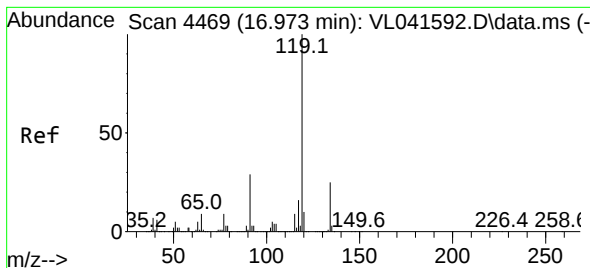
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.075 ppbv
 RT: 13.799 min Scan# 3482
 Delta R.T. 0.048 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

Tgt Ion: 95 Resp: 1752732
 Ion Ratio Lower Upper
 95 100
 174 71.0 55.8 83.8
 175 5.2 4.1 6.1





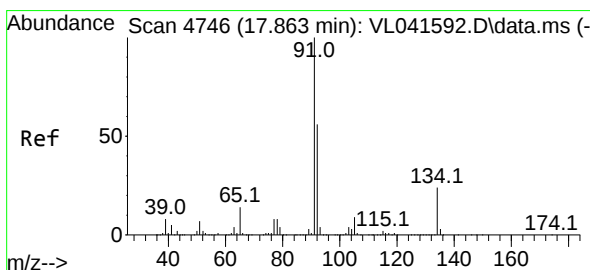
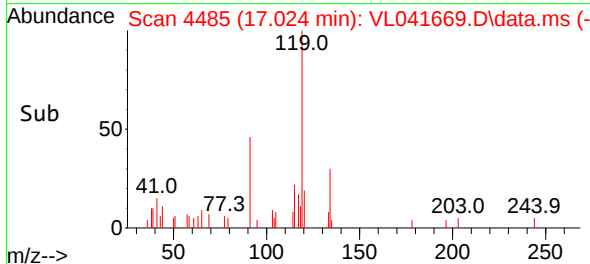
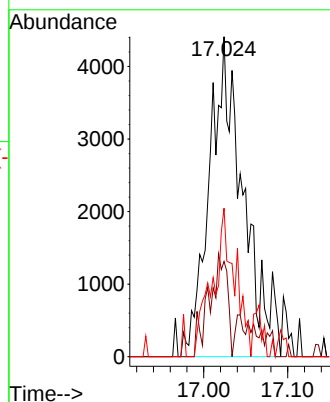
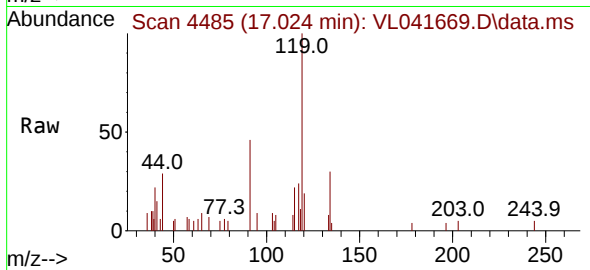
#69
p-Isopropyltoluene
Concen: 0.037 ppbv m
RT: 17.024 min Scan# 4469
Delta R.T. 0.052 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2024

Tgt Ion: 119 Resp: 12348
Ion Ratio Lower Upper
119 100
134 0.0 20.5 30.7
91 0.0 23.1 34.7

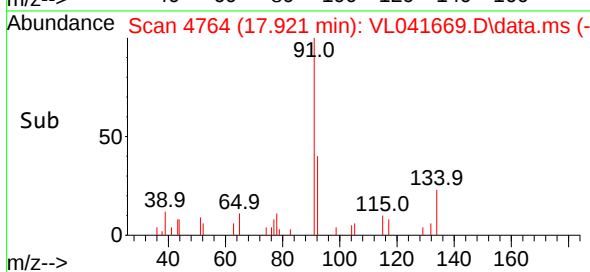
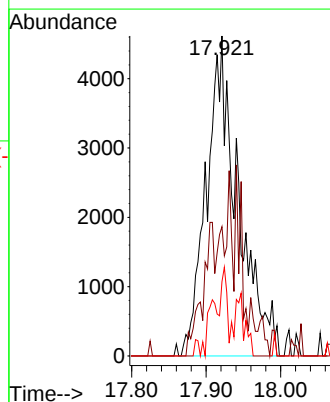
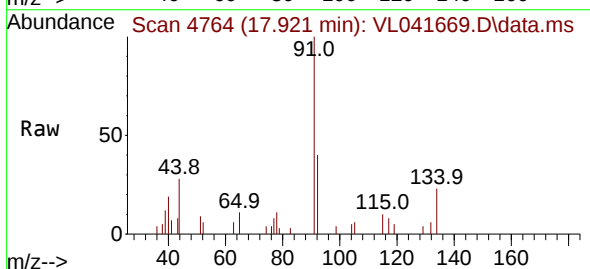
Manual Integrations
APPROVED

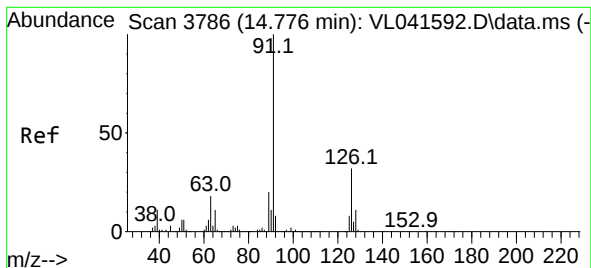
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#70
n-Butylbenzene
Concen: 0.039 ppbv m
RT: 17.921 min Scan# 4764
Delta R.T. 0.058 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

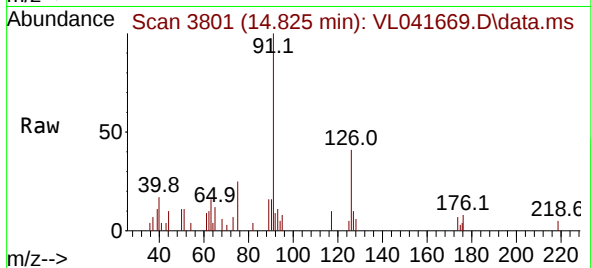
Tgt Ion: 91 Resp: 13581
Ion Ratio Lower Upper
91 100
92 0.0 43.2 64.8#
134 18.1 18.6 27.8#





#71
2-Chlorotoluene
Concen: 0.046 ppbv m
RT: 14.825 min Scan# 3116
Delta R.T. 0.048 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

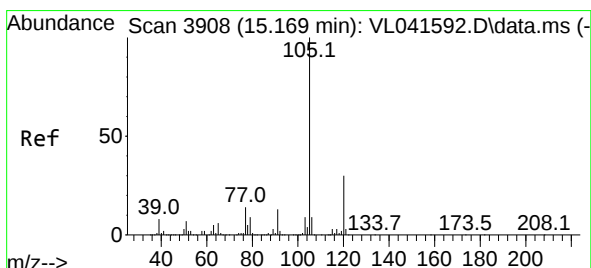
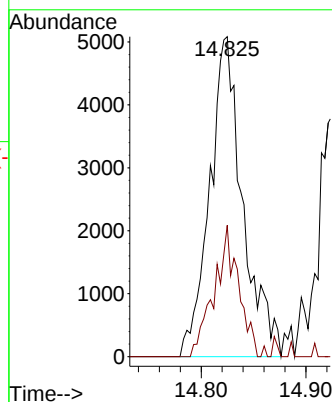
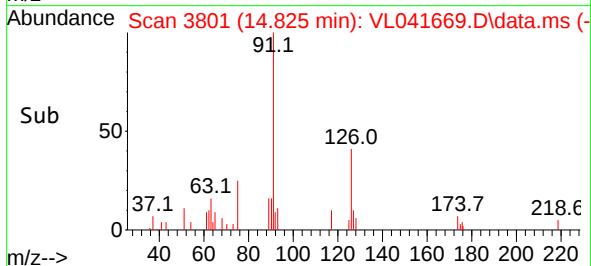
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2024



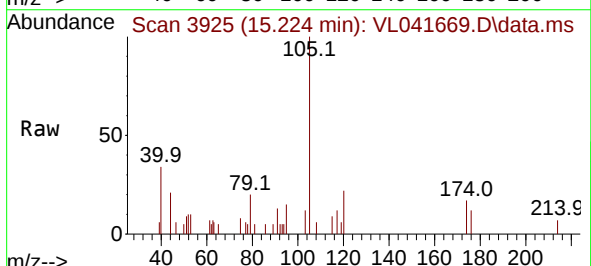
Tgt Ion: 91 Resp: 1116
Ion Ratio Lower Upper
91 100
126 30.4 12.9 51.5

Manual Integrations
APPROVED

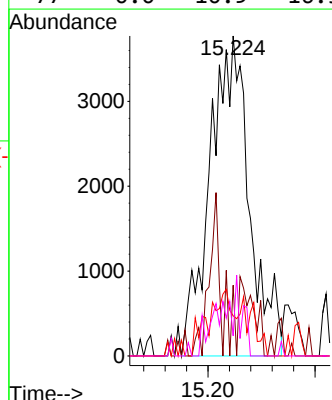
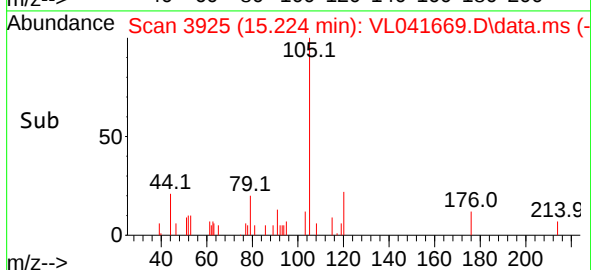
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

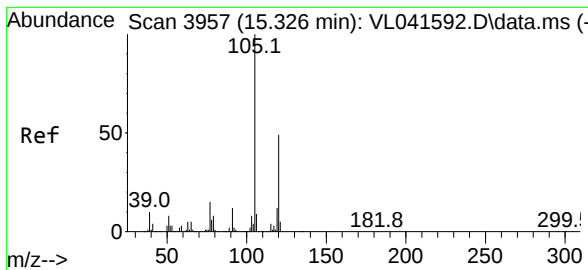


#72
4-Ethyltoluene
Concen: 0.038 ppbv m
RT: 15.224 min Scan# 3925
Delta R.T. 0.055 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40



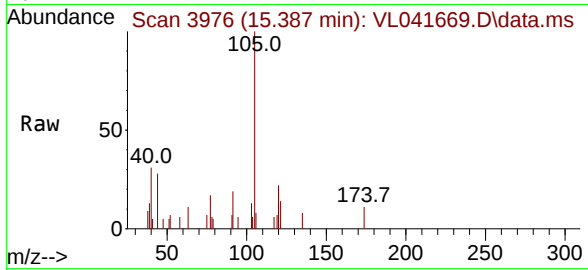
Tgt Ion:105 Resp: 9664
Ion Ratio Lower Upper
105 100
120 0.0 24.1 36.1#
91 19.4 10.2 15.2#
77 0.0 10.9 16.3#





#73
1,3,5-Trimethylbenzene
Concen: 0.037 ppbv m
RT: 15.387 min Scan# 3957
Delta R.T. 0.061 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

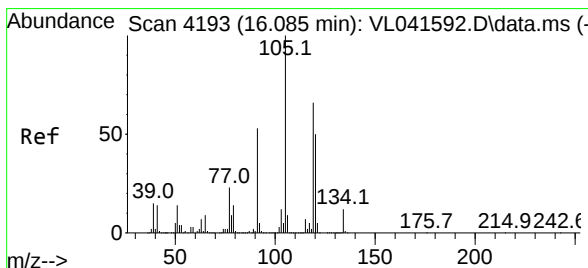
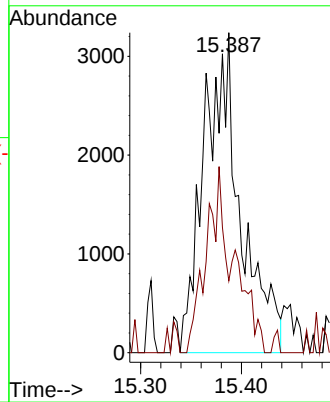
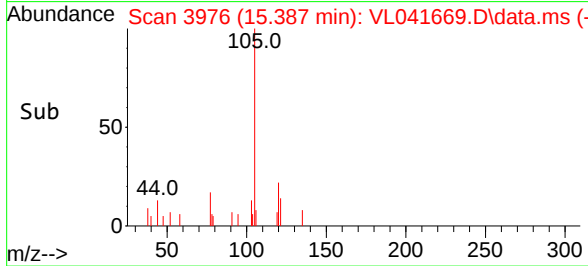
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2024



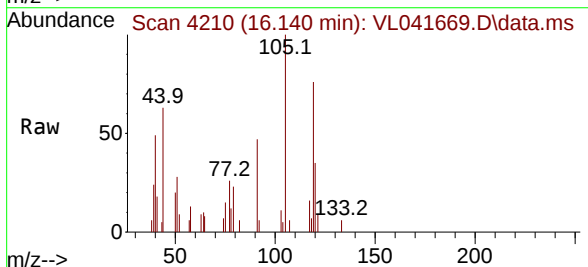
Tgt Ion:105 Resp: 8139
Ion Ratio Lower Upper
105 100
120 22.4 39.4 59.0

Manual Integrations
APPROVED

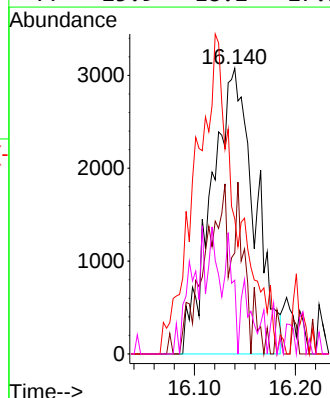
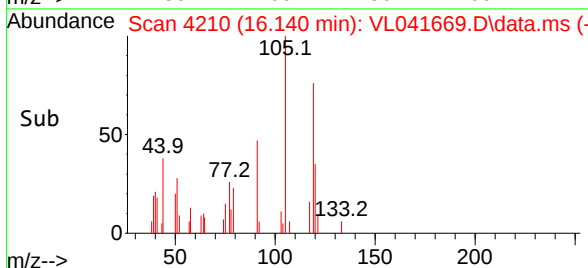
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

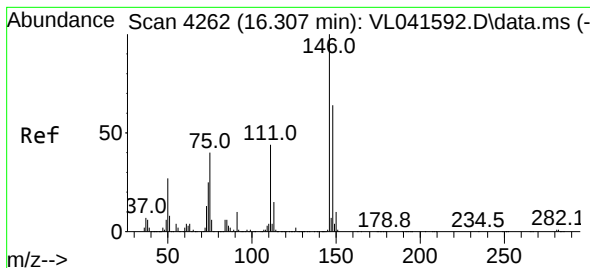


#74
1,2,4-Trimethylbenzene
Concen: 0.035 ppbv m
RT: 16.140 min Scan# 4210
Delta R.T. 0.055 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40



Tgt Ion:105 Resp: 9091
Ion Ratio Lower Upper
105 100
120 35.3 39.9 59.9#
91 47.3 42.6 63.8
77 25.9 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 0.064 ppbv m

RT: 16.359 min Scan# 4323

Delta R.T. 0.052 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

ClientSampleId :

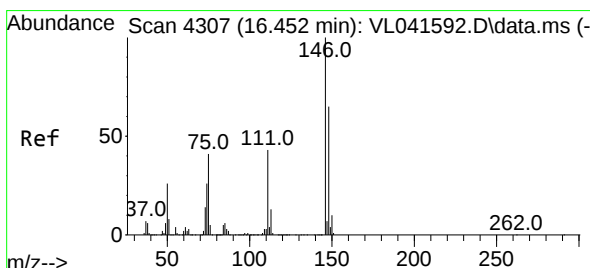
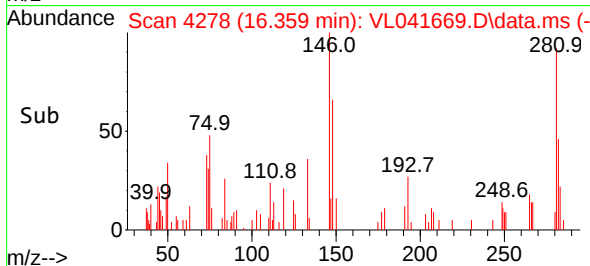
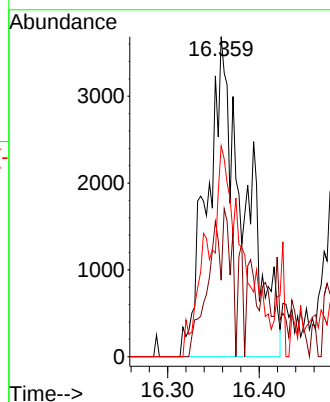
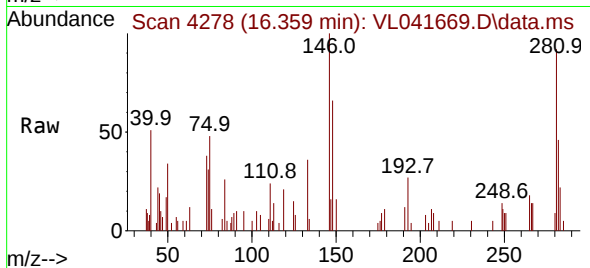
MDL-AIR-03-QT4-2024

Tgt Ion:	146	Resp:	10390
Ion Ratio	Lower	Upper	
146	100		
111	39.2	22.4	67.0
148	67.4	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#76

1,4-Dichlorobenzene

Concen: 0.062 ppbv m

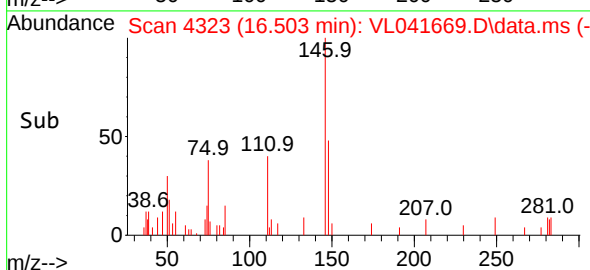
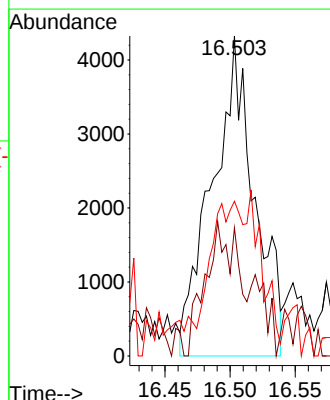
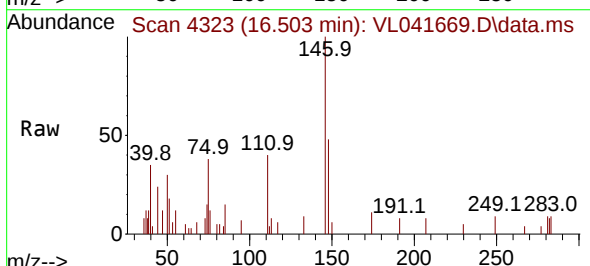
RT: 16.503 min Scan# 4323

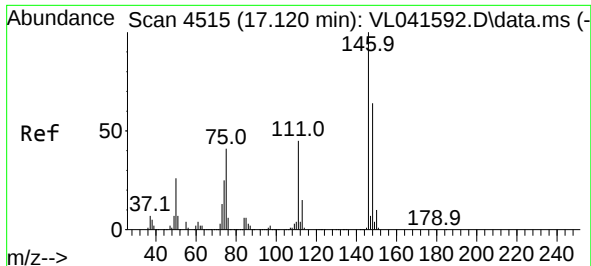
Delta R.T. 0.052 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

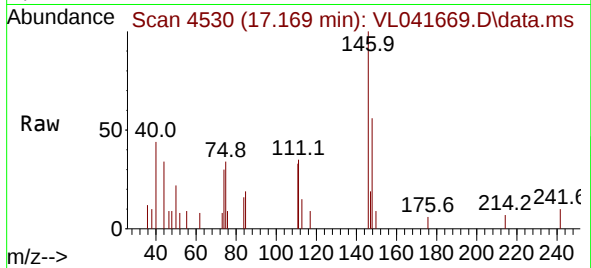
Tgt Ion:	146	Resp:	9756
Ion Ratio	Lower	Upper	
146	100		
111	41.7	22.4	67.3
148	72.8	32.8	98.4





#77
1,2-Dichlorobenzene
Concen: 0.057 ppbv m
RT: 17.169 min Scan# 4530
Delta R.T. 0.048 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

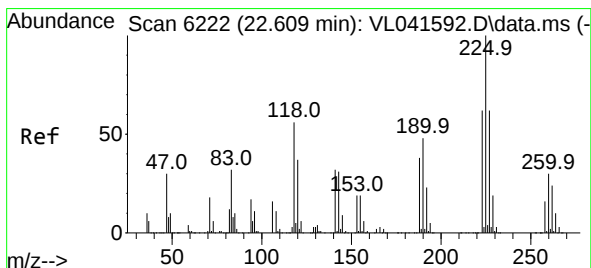
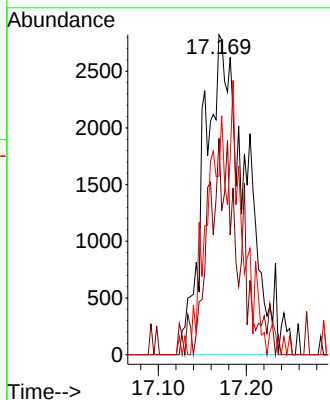
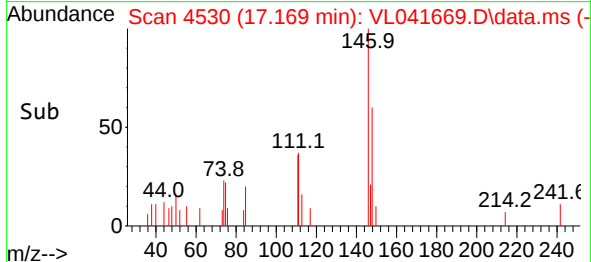
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2024



Tgt Ion:146 Resp: 9128
Ion Ratio Lower Upper
146 100
111 0.0 23.4 70.0#
148 63.7 32.5 97.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#78
Hexachloro-1,3-Butadiene
Concen: 0.086 ppbv m
RT: 22.651 min Scan# 6235
Delta R.T. 0.042 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion:225 Resp: 11426
Ion Ratio Lower Upper
225 100
223 0.0 50.6 75.8#
227 0.0 50.9 76.3#

