

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041655.D
 Acq On : 10 Oct 2024 23:19
 Operator : SY/MD
 Sample : P4368-13 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024

Quant Time: Oct 11 05:47:31 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 10/11/2024
 Supervised By : Mahesh Dadoda 10/14/2024

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

Internal Standards						
1) Bromochloromethane	5.176	49	995572	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	2733141	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2414445	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1812357	10.197	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.706	85	16697m	0.116	ppbv	
3) Chlorodifluoromethane	2.652	51	12564	0.104	ppbv	98
4) Chloromethane	2.790	50	7313	0.110	ppbv	92
5) Vinyl Chloride	2.896	62	5666m	0.099	ppbv	
6) Bromomethane	3.099	94	2860m	0.100	ppbv	
7) Chloroethane	3.179	64	2604m	0.116	ppbv	
8) Dichlorotetrafluoroethane	2.832	85	16399	0.109	ppbv	92
9) Propene	2.674	41	6384m	0.125	ppbv	
10) Heptane	7.568	43	6479m	0.054	ppbv	
11) Trichlorofluoromethane	3.542	101	15080m	0.099	ppbv	
12) 1,1,2-Trichlorotrifluo...	4.044	101	10664m	0.096	ppbv	
13) Ethanol	3.240	45	594m	0.155	ppbv	
14) Bromoethene	3.346	108	3992m	0.095	ppbv	
15) Acetone	3.475	43	23683	0.189	ppbv #	88
16) 1,3-Butadiene	2.967	39	7710m	0.127	ppbv	
17) tert-Butyl alcohol	3.896	59	9715m	0.088	ppbv	
18) 1,1-Dichloroethene	3.861	96	4721	0.101	ppbv #	56
19) Isopropyl Alcohol	3.590	45	6715m	0.105	ppbv	
20) Methylene Chloride	3.912	84	9195	0.196	ppbv #	83
21) Allyl Chloride	3.979	41	7209m	0.100	ppbv	
22) trans-1,2-Dichloroethene	4.426	96	4788m	0.102	ppbv	
23) Vinyl Acetate	4.629	43	9284m	0.135	ppbv	
24) 1,1-Dichloroethane	4.549	63	10009m	0.097	ppbv	
25) Ethyl Acetate	5.205	43	17958m	0.080	ppbv	
26) Hexane	5.195	57	7254m	0.078	ppbv	
27) Carbon Disulfide	4.105	76	8095m	0.081	ppbv	
28) Methyl tert-Butyl Ether	4.587	73	4836m	0.084	ppbv	
29) Chloroform	5.253	83	14873m	0.097	ppbv	
30) Cyclohexane	6.651	84	16901m	0.234	ppbv	
31) cis-1,2-Dichloroethene	5.060	61	6734	0.076	ppbv	92
32) 1,1,1-Trichloroethane	5.992	97	13136m	0.096	ppbv	
34) 2-Butanone	4.793	43	13134m	0.101	ppbv	
35) Carbon Tetrachloride	6.475	117	11425	0.085	ppbv	88
36) Benzene	6.352	78	12888m	0.068	ppbv	
37) 1,2-Dichloroethane	5.793	62	9760m	0.089	ppbv	
38) Trichloroethene	7.269	130	7916m	0.081	ppbv	
39) 1,2-Dichloropropane	7.057	63	7803m	0.101	ppbv	
40) 1,4-Dioxane	7.330	88	1501m	0.052	ppbv	
41) Tetrahydrofuran	5.587	42	4718m	0.066	ppbv	
42) Bromodichloromethane	7.230	83	12347m	0.081	ppbv	
43) Methyl Methacrylate	7.484	69	3130m	0.046	ppbv	
44) 2,2,4-Trimethylpentane	7.307	57	17589m	0.054	ppbv	
45) t-1,3-Dichloropropene	8.696	75	2493m	0.046	ppbv	

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 05:47:31 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	4481m	0.056	ppbv	
47) 1,1,2-Trichloroethane	8.880	97	7247m	0.088	ppbv	
48) Dibromochloromethane	9.700	129	7592m	0.061	ppbv	
49) Bromoform	12.394	173	5506m	0.052	ppbv	
50) 4-Methyl-2-Pentanone	8.208	43	10970m	0.055	ppbv	
51) 2-Hexanone	9.587	43	6709m	0.044	ppbv	
52) Tetrachloroethene	10.597	164	5086m	0.074	ppbv	
53) Toluene	9.195	91	9345m	0.046	ppbv	
54) 1,2-Dibromoethane	9.999	107	6893m	0.068	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.490	131	9122m	0.097	ppbv	
57) Chlorobenzene	11.510	112	16745m	0.096	ppbv	
58) Ethyl Benzene	12.359	91	20858m	0.081	ppbv	
59) m/p-Xylene	12.359	91	19984m	0.087	ppbv	
60) o-Xylene	13.047	91	9702m	0.044	ppbv	
61) Styrene	12.886	104	3843m	0.042	ppbv	
62) Isopropylbenzene	14.018	105	20048m	0.060	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.040	83	10087m	0.089	ppbv	
64) n-propylbenzene	14.902	120	3222m	0.037	ppbv	
65) tert-Butylbenzene	16.085	119	13134m	0.043	ppbv	
66) Benzyl Chloride	16.326	91	1878m	0.118	ppbv	
67) sec-Butylbenzene	16.622	105	20232m	0.048	ppbv	
69) p-Isopropyltoluene	16.995	119	13701m	0.040	ppbv	
70) n-Butylbenzene	17.876	91	13684m	0.038	ppbv	
71) 2-Chlorotoluene	14.793	91	13190m	0.054	ppbv	
72) 4-Ethyltoluene	15.188	105	10556m	0.041	ppbv	
73) 1,3,5-Trimethylbenzene	15.346	105	9623m	0.042	ppbv	
74) 1,2,4-Trimethylbenzene	16.098	105	10674m	0.040	ppbv	
75) 1,3-Dichlorobenzene	16.326	146	10866m	0.065	ppbv	
76) 1,4-Dichlorobenzene	16.465	146	11363m	0.071	ppbv	
77) 1,2-Dichlorobenzene	17.140	146	9566m	0.058	ppbv	
78) Hexachloro-1,3-Butadiene	22.612	225	11927m	0.088	ppbv	
81) 1,2,4-Trichlorobenzene	21.133	180	3907m	0.031	ppbv	

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

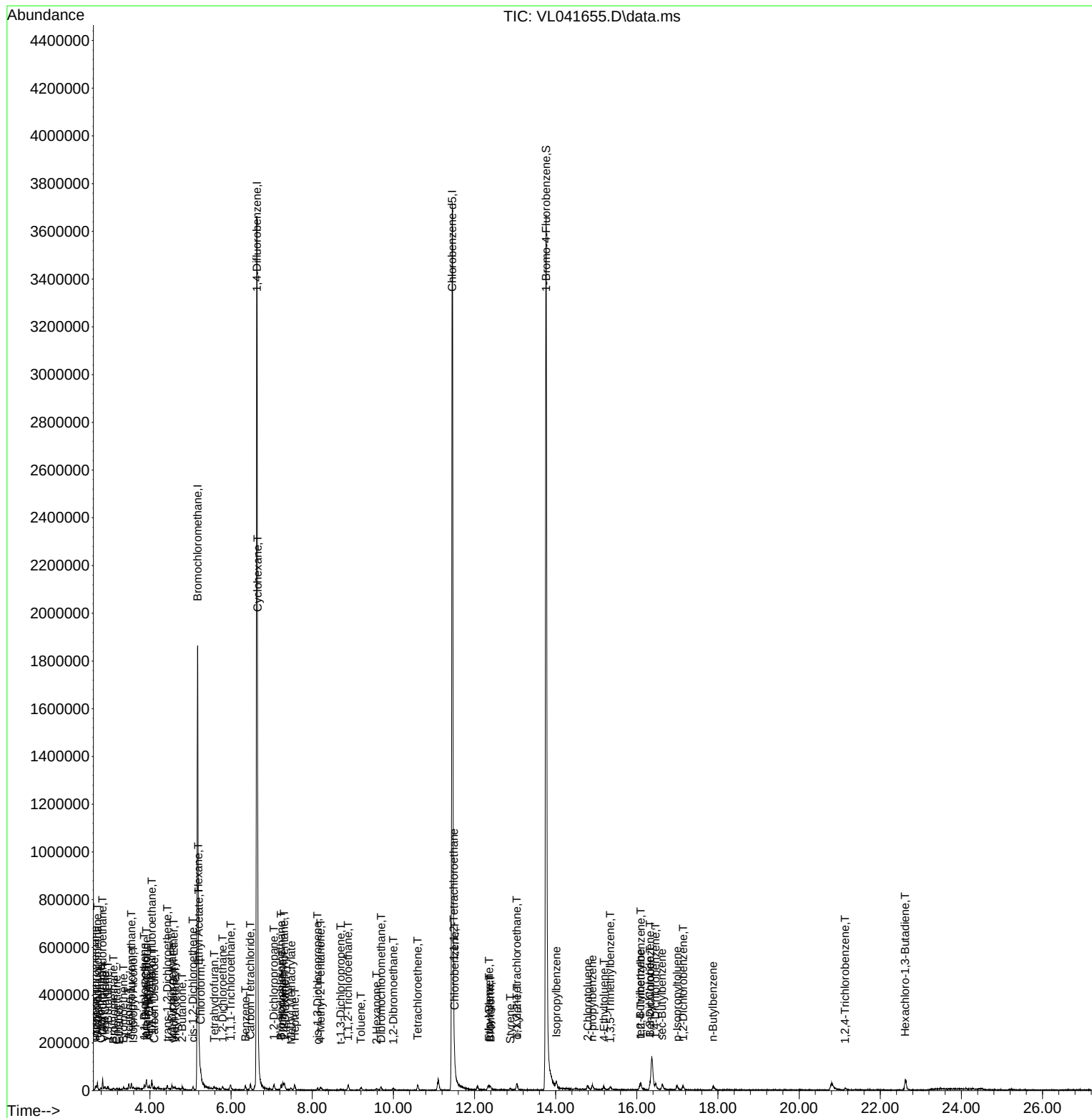
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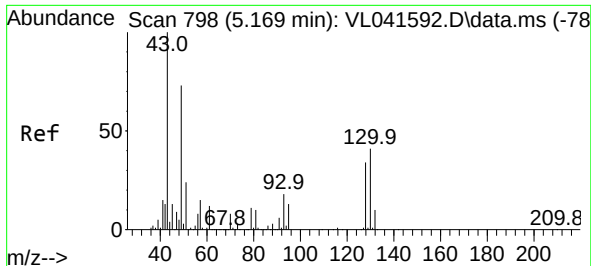
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

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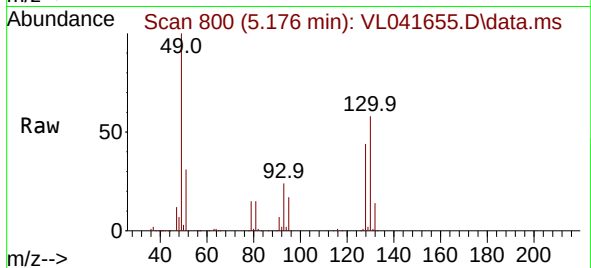
Reviewed By : Semsettin Yesilyurt 10/11/2024
Supervised By : Mahesh Dadoda 10/14/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

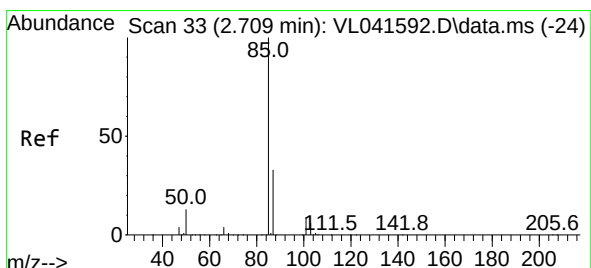
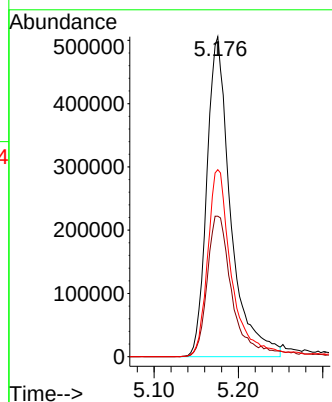
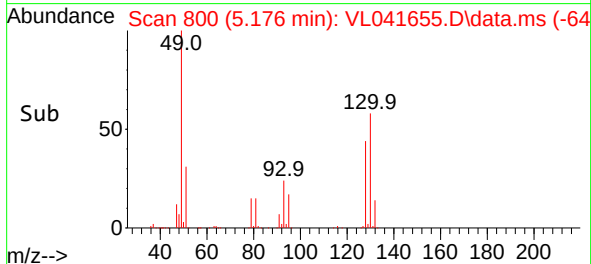
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 49 Resp: 995572
Ion Ratio Lower Upper
49 100
128 48.2 23.8 71.5
130 61.4 30.4 91.3

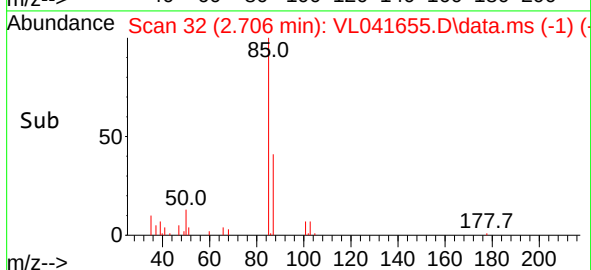
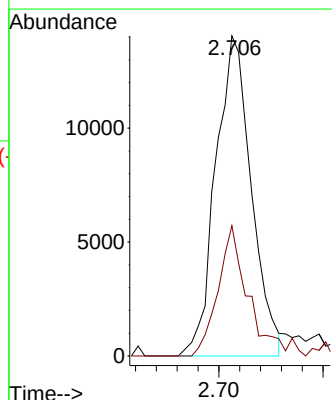
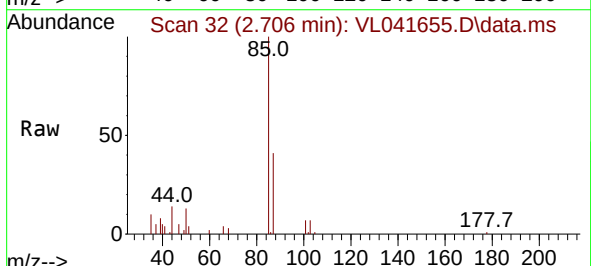
Manual Integrations
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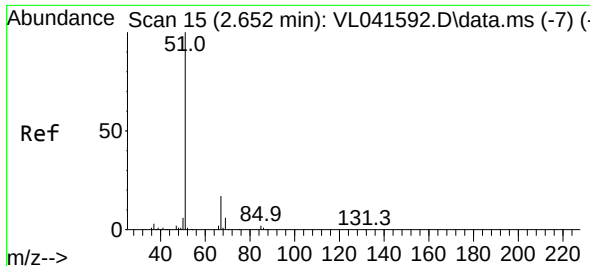
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#2
Dichlorodifluoromethane
Concen: 0.116 ppbv m
RT: 2.706 min Scan# 32
Delta R.T. -0.003 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

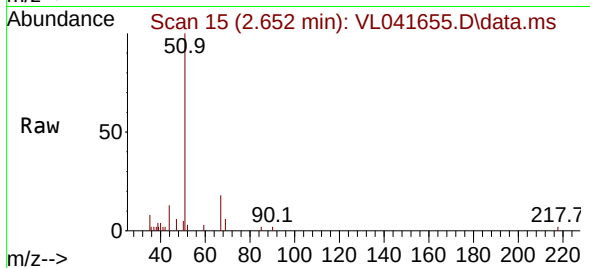
Tgt Ion: 85 Resp: 16697
Ion Ratio Lower Upper
85 100
87 40.7 26.3 39.5#





#3
Chlorodifluoromethane
Concen: 0.104 ppbv
RT: 2.652 min Scan# 15
Delta R.T. 0.000 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

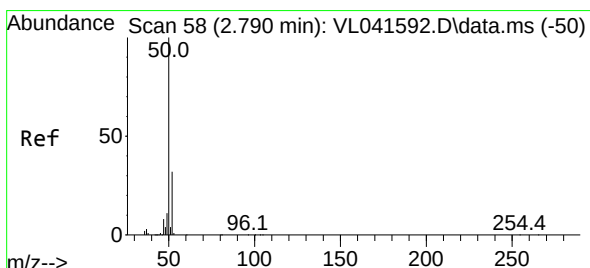
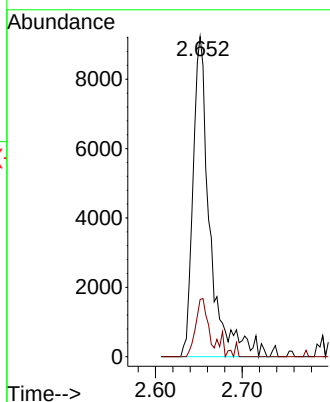
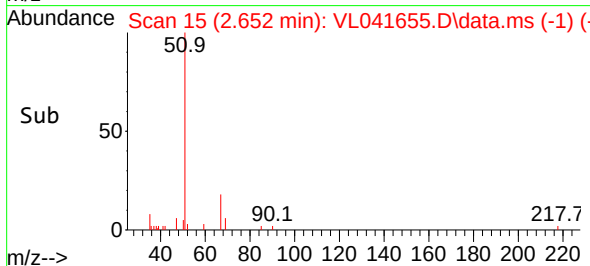
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 51 Resp: 12564
Ion Ratio Lower Upper
51 100
67 16.5 14.1 21.1

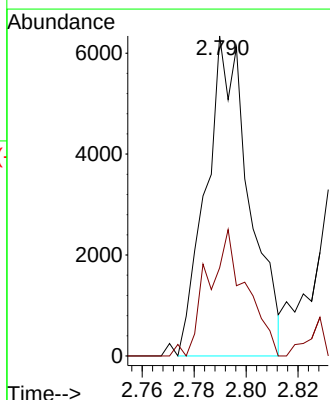
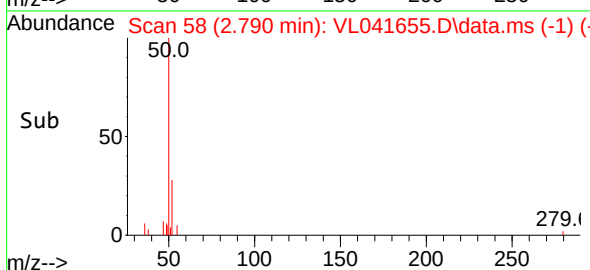
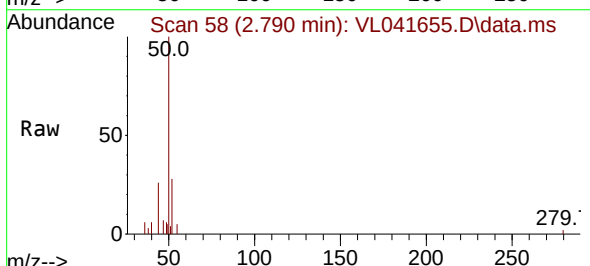
Manual Integrations
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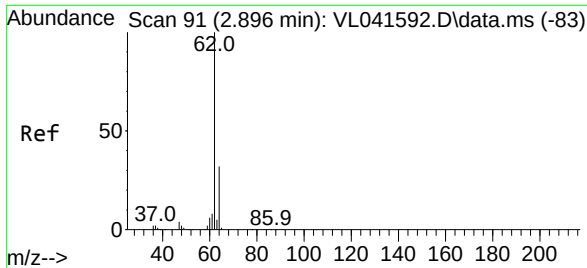
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#4
Chloromethane
Concen: 0.110 ppbv
RT: 2.790 min Scan# 58
Delta R.T. 0.000 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

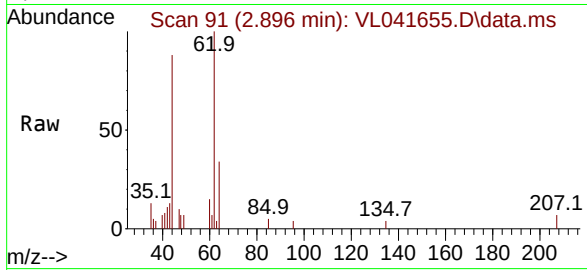
Tgt Ion: 50 Resp: 7313
Ion Ratio Lower Upper
50 100
52 27.6 25.4 38.2





#5
 Vinyl Chloride
 Concen: 0.099 ppbv m
 RT: 2.896 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL041655.D
 Acq: 10 Oct 2024 23:19

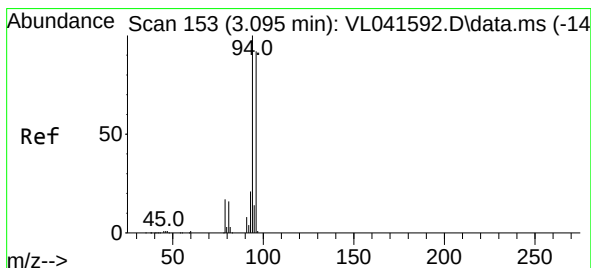
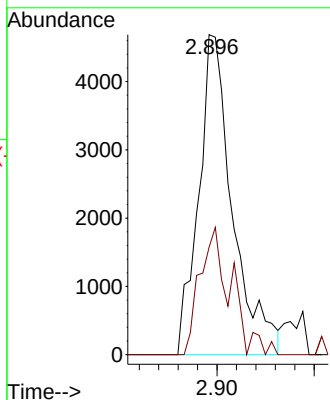
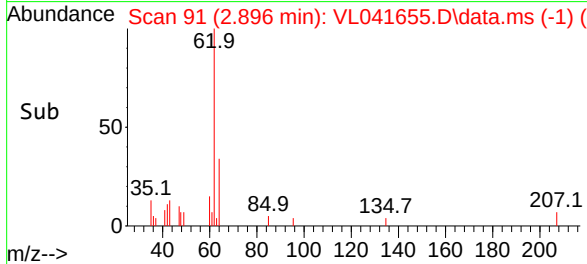
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 62 Resp: 566
 Ion Ratio Lower Upper
 62 100
 64 33.6 26.0 39.0

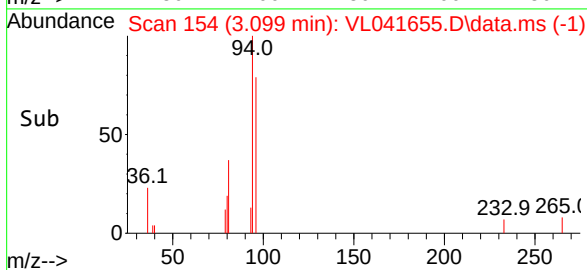
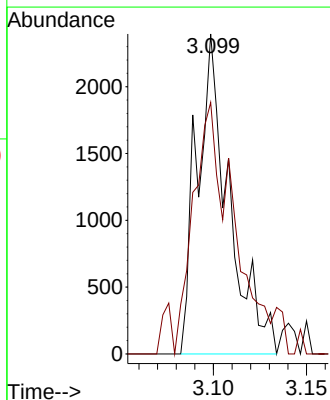
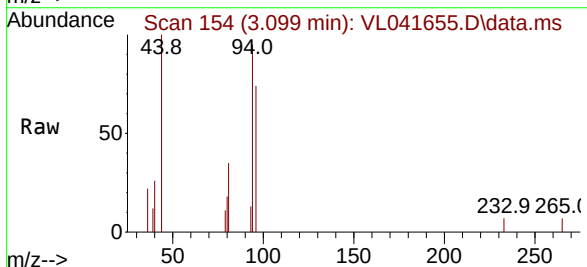
Manual Integrations
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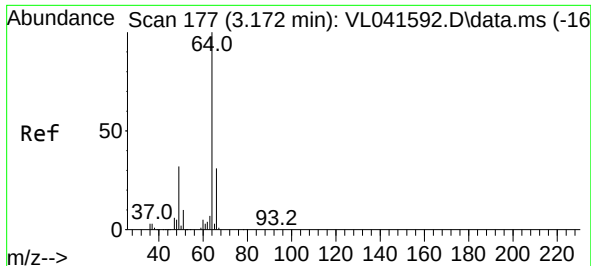
Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#6
 Bromomethane
 Concen: 0.100 ppbv m
 RT: 3.099 min Scan# 154
 Delta R.T. 0.003 min
 Lab File: VL041655.D
 Acq: 10 Oct 2024 23:19

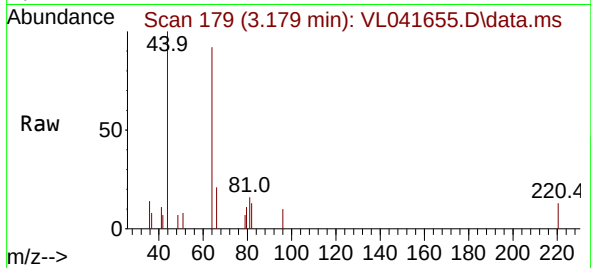
Tgt Ion: 94 Resp: 2860
 Ion Ratio Lower Upper
 94 100
 96 78.6 73.4 110.2





#7
Chloroethane
Concen: 0.116 ppbv m
RT: 3.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

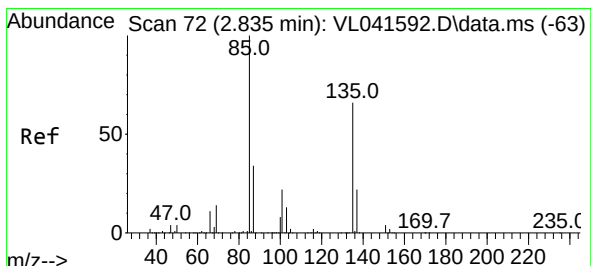
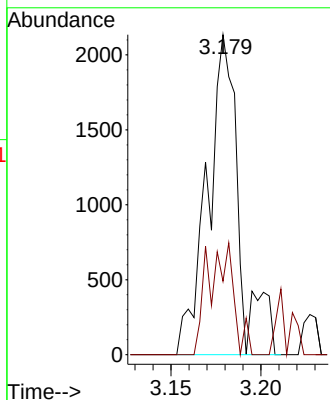
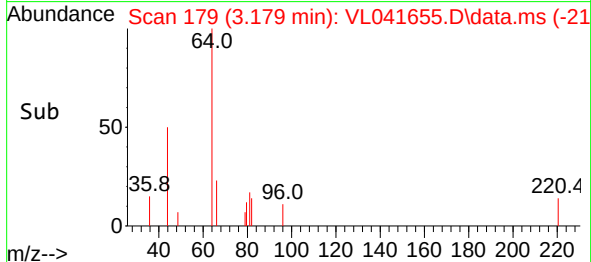
Instrument :
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ClientSampleId :
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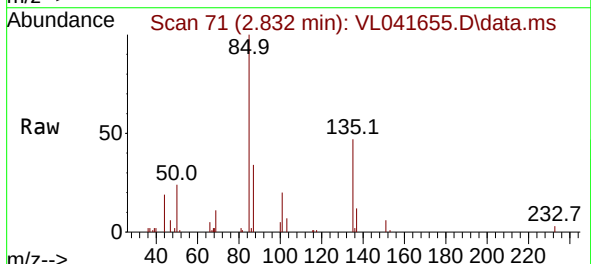
Tgt Ion: 64 Resp: 2604
Ion Ratio Lower Upper
64 100
66 23.0 25.1 37.7

Manual Integrations
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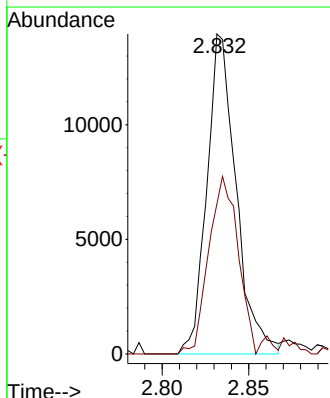
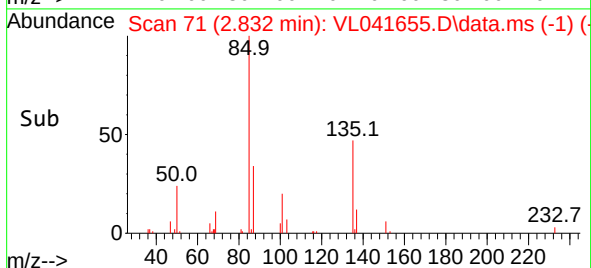
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

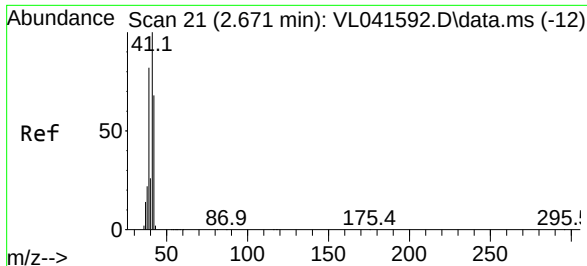


#8
Dichlorotetrafluoroethane
Concen: 0.109 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19



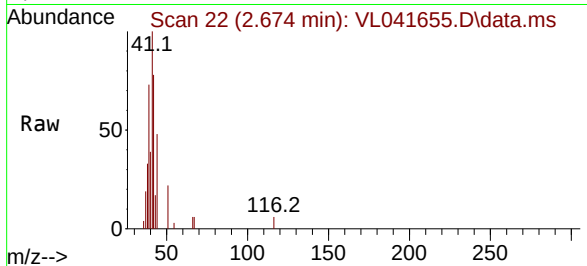
Tgt Ion: 85 Resp: 16399
Ion Ratio Lower Upper
85 100
135 60.9 53.9 80.9





#9
Propene
Concen: 0.125 ppbv m
RT: 2.674 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

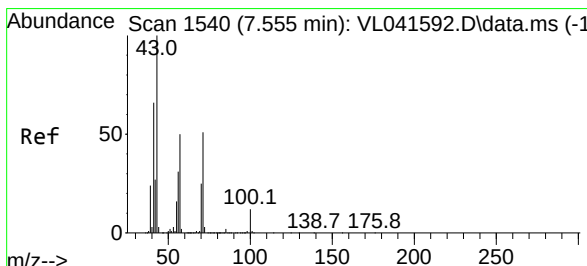
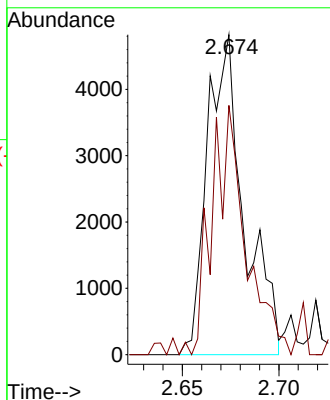
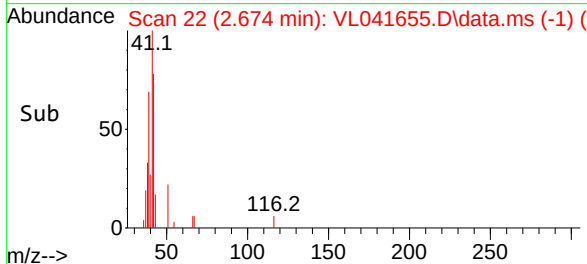
Instrument :
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LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 41 Resp: 6384
Ion Ratio Lower Upper
41 100
42 79.3 55.2 82.8

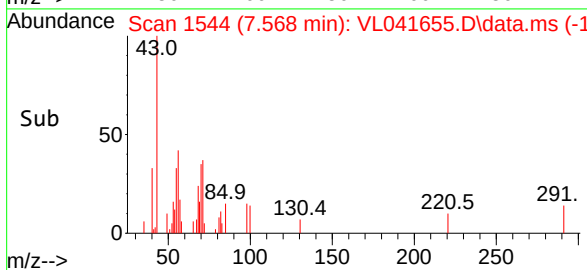
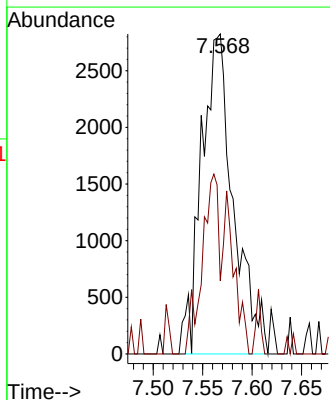
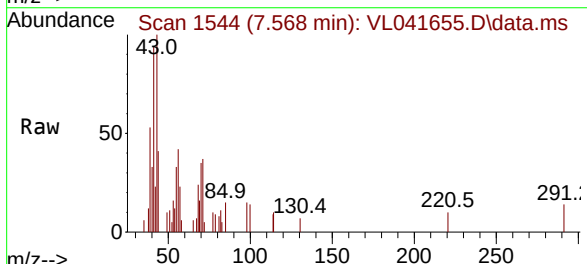
Manual Integrations
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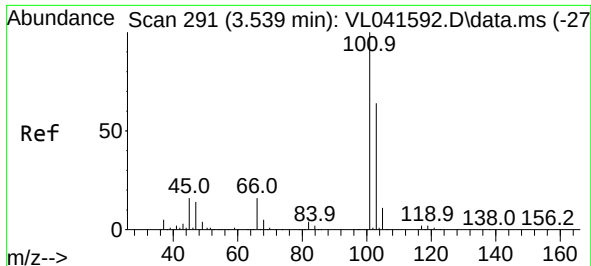
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#10
Heptane
Concen: 0.054 ppbv m
RT: 7.568 min Scan# 1544
Delta R.T. 0.013 min
Lab File: VL041655.D
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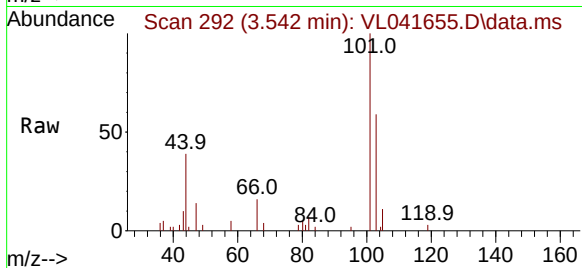
Tgt Ion: 43 Resp: 6479
Ion Ratio Lower Upper
43 100
57 51.6 39.8 59.8





#11
Trichlorofluoromethane
Concen: 0.099 ppbv m
RT: 3.542 min Scan# 291
Delta R.T. 0.003 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

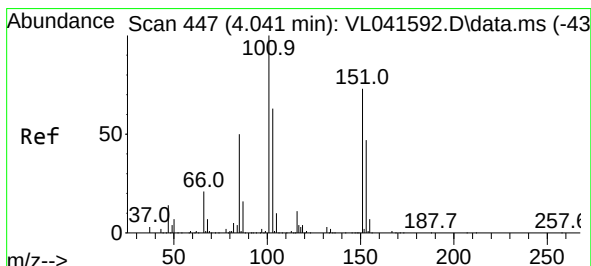
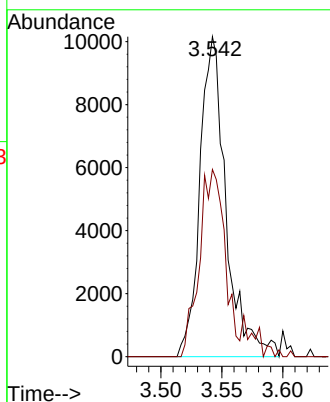
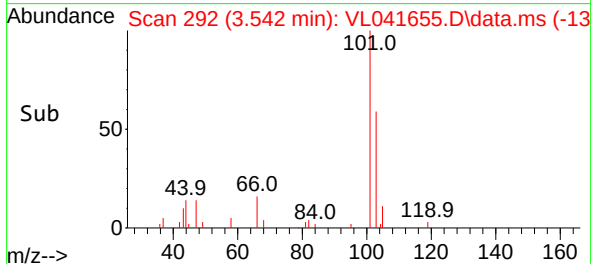
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



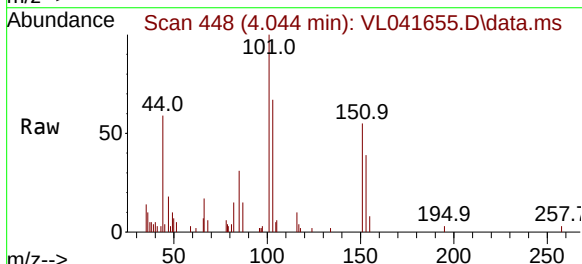
Tgt Ion:101 Resp: 15080
Ion Ratio Lower Upper
101 100
103 58.5 51.2 76.8

Manual Integrations
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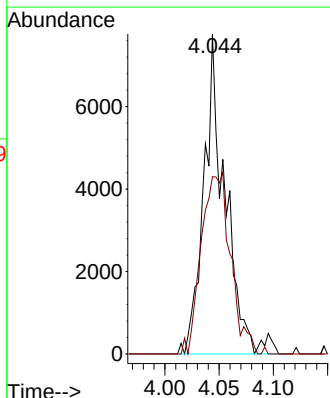
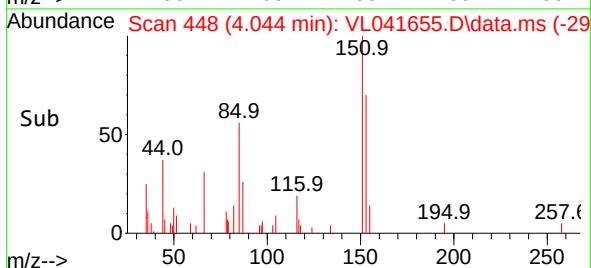
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

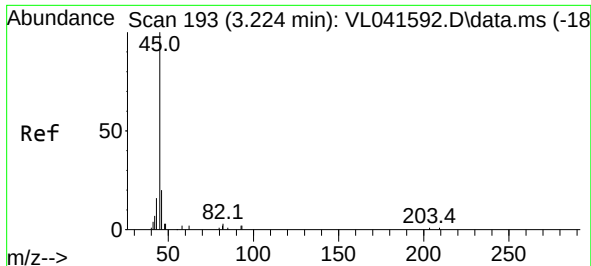


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.096 ppbv m
RT: 4.044 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19



Tgt Ion:101 Resp: 10664
Ion Ratio Lower Upper
101 100
151 77.6 59.4 89.2





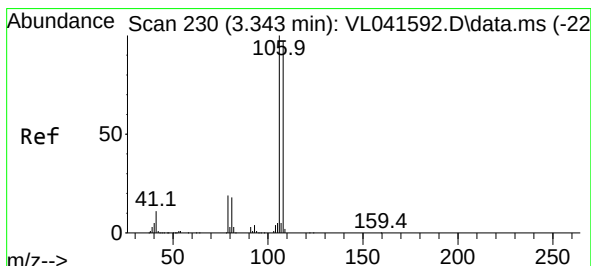
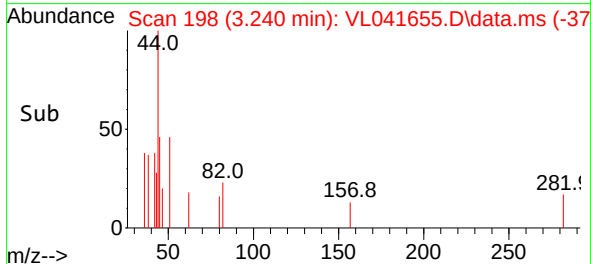
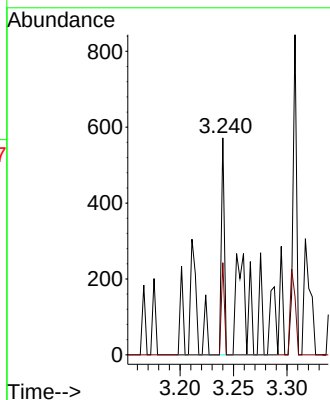
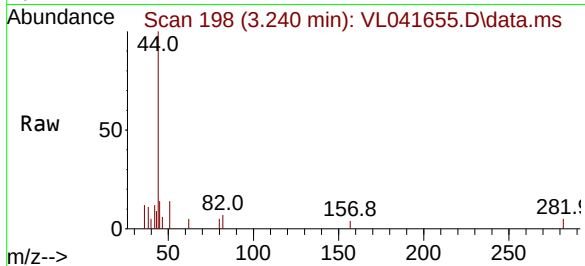
#13
Ethanol
Concen: 0.155 ppbv m
RT: 3.240 min Scan# 193
Delta R.T. 0.016 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 45 Resp: 594
Ion Ratio Lower Upper
45 100
46 0.0 15.2 60.8

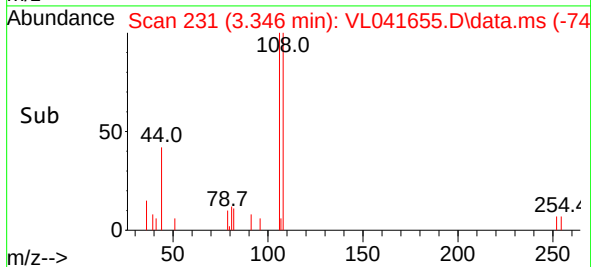
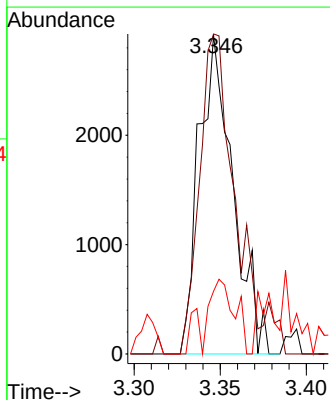
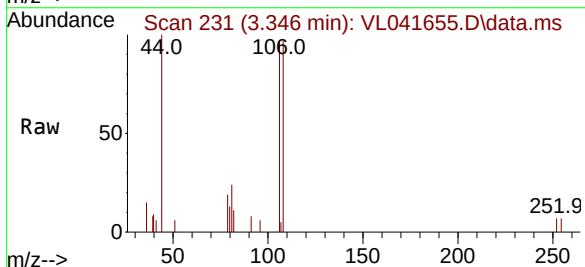
Manual Integrations
APPROVED

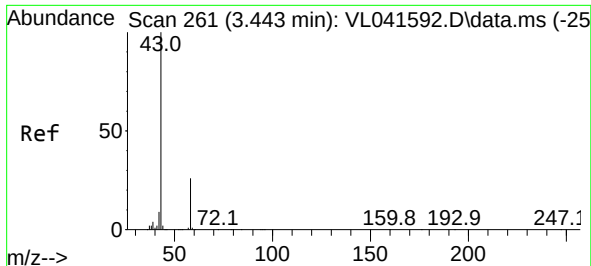
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#14
Bromoethene
Concen: 0.095 ppbv m
RT: 3.346 min Scan# 231
Delta R.T. 0.003 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

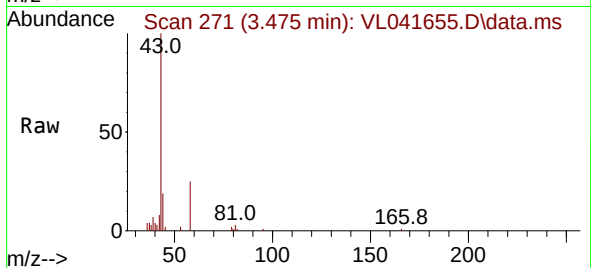
Tgt Ion:108 Resp: 3992
Ion Ratio Lower Upper
108 100
106 108.1 86.5 129.7
79 21.1 16.2 24.4





#15
Acetone
Concen: 0.189 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.032 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

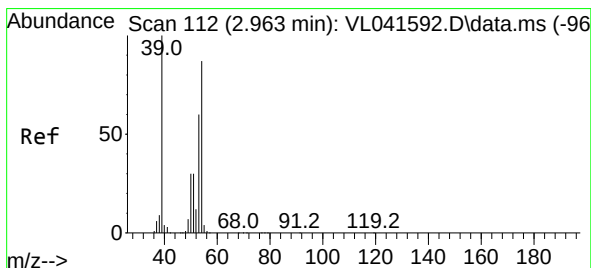
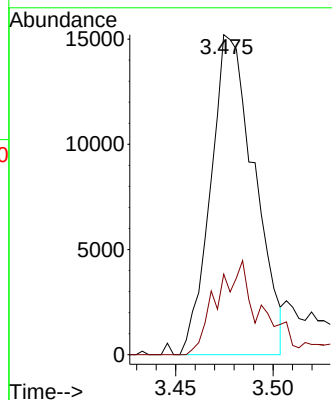
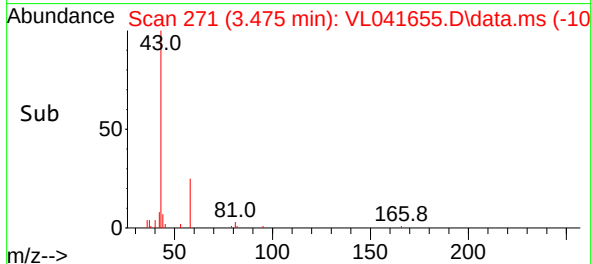
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 43 Resp: 2368
Ion Ratio Lower Upper
43 100
58 33.1 21.5 32.3

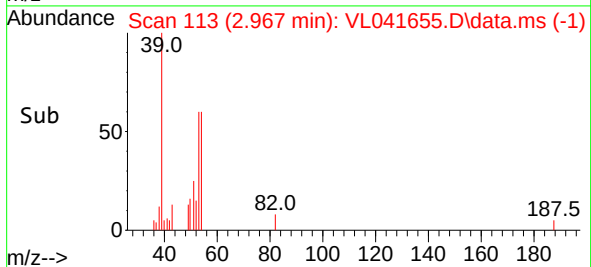
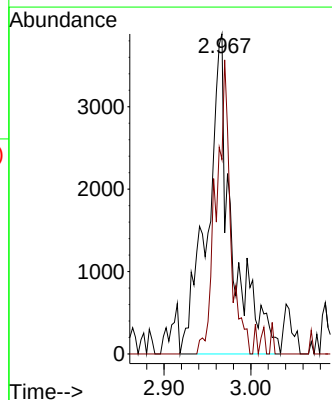
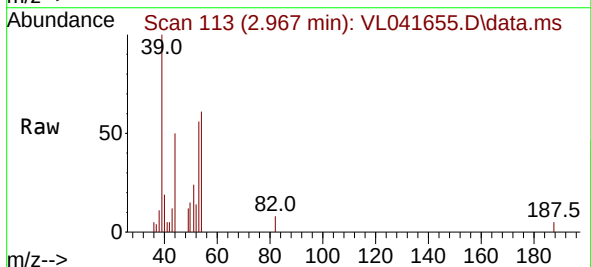
Manual Integrations
APPROVED

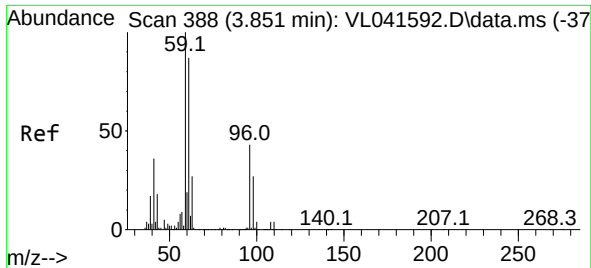
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#16
1,3-Butadiene
Concen: 0.127 ppbv m
RT: 2.967 min Scan# 113
Delta R.T. 0.003 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

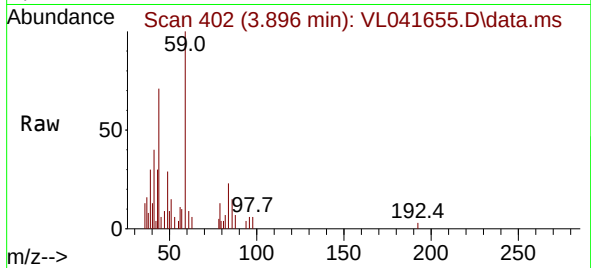
Tgt Ion: 39 Resp: 7710
Ion Ratio Lower Upper
39 100
54 0.0 62.9 94.3





#17
tert-Butyl alcohol
Concen: 0.088 ppbv m
RT: 3.896 min Scan# 402
Delta R.T. 0.045 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

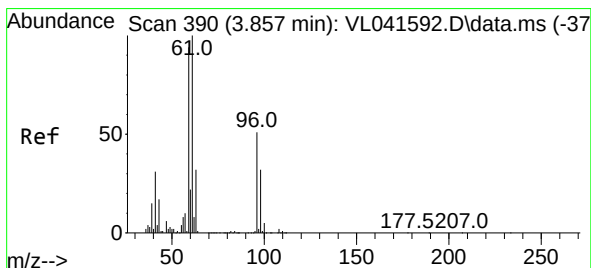
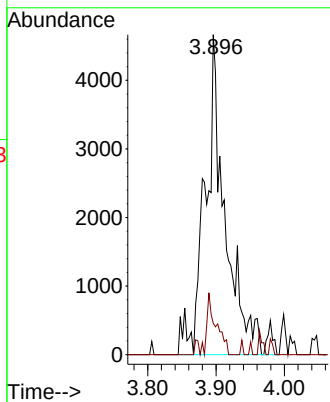
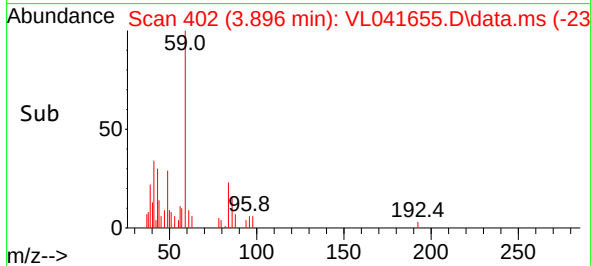
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 59 Resp: 9715
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1

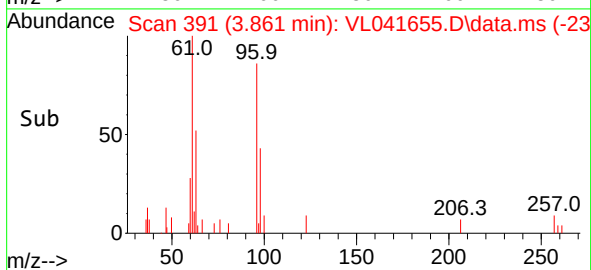
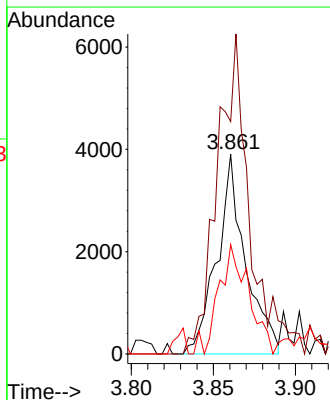
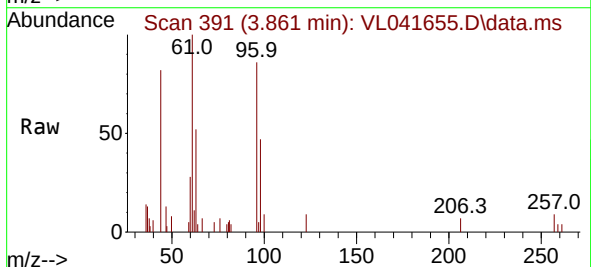
Manual Integrations
APPROVED

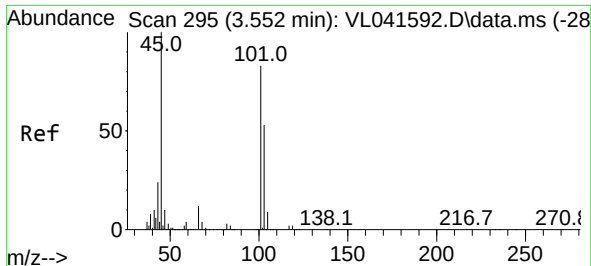
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#18
1,1-Dichloroethene
Concen: 0.101 ppbv
RT: 3.861 min Scan# 391
Delta R.T. 0.003 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Tgt Ion: 96 Resp: 4721
Ion Ratio Lower Upper
96 100
61 116.2 155.6 233.4#
98 49.2 50.6 75.8#





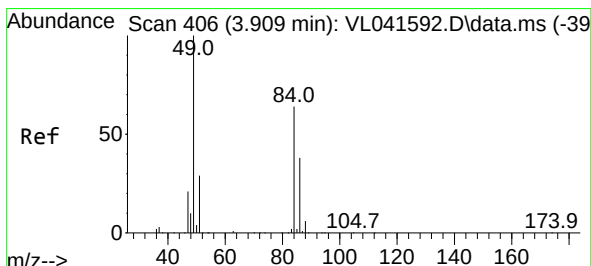
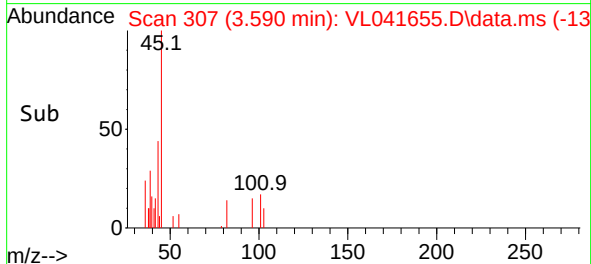
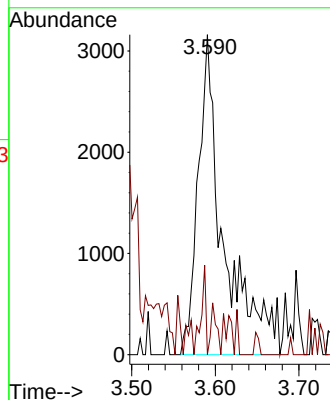
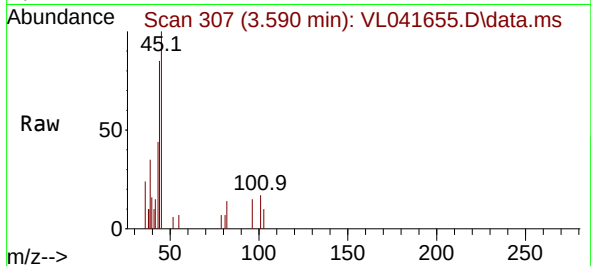
#19
Isopropyl Alcohol
Concen: 0.105 ppbv m
RT: 3.590 min Scan# 307
Delta R.T. 0.039 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 45 Resp: 6715
Ion Ratio Lower Upper
45 100
58 9.6 2.1 3.1

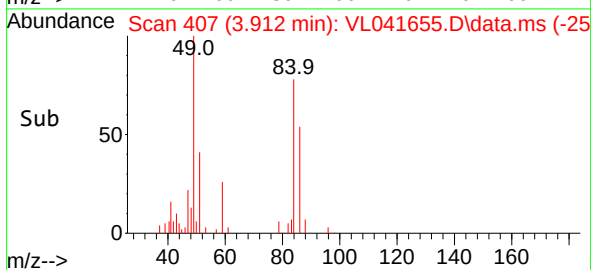
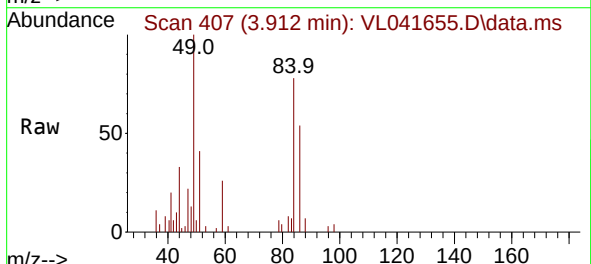
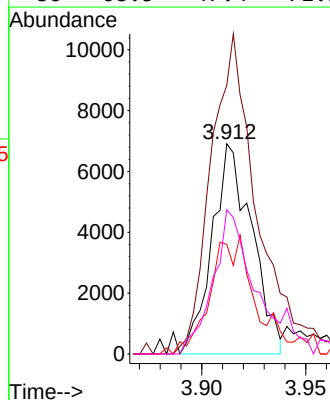
Manual Integrations
APPROVED

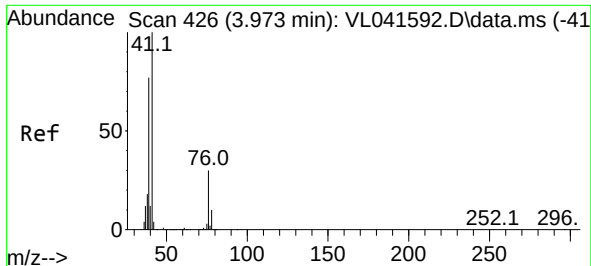
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#20
Methylene Chloride
Concen: 0.196 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.003 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Tgt Ion: 84 Resp: 9195
Ion Ratio Lower Upper
84 100
49 124.1 124.3 186.5#
51 46.3 36.3 54.5
86 68.5 47.4 71.2





#21

Allyl Chloride

Concen: 0.100 ppbv m

RT: 3.979 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Instrument :

MSVOA_L

ClientSampleId :

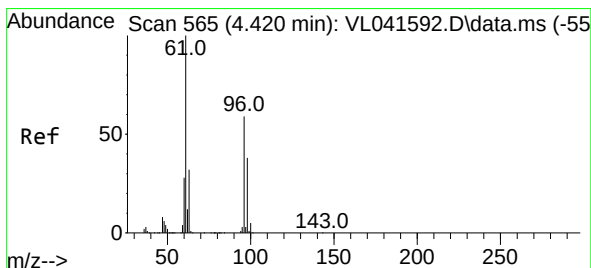
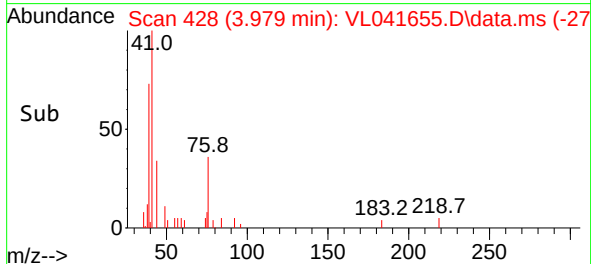
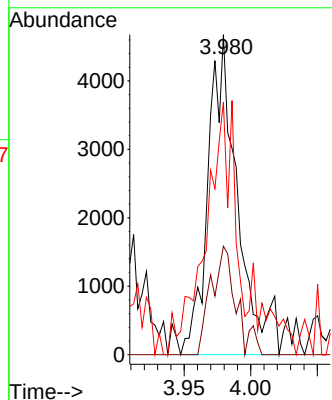
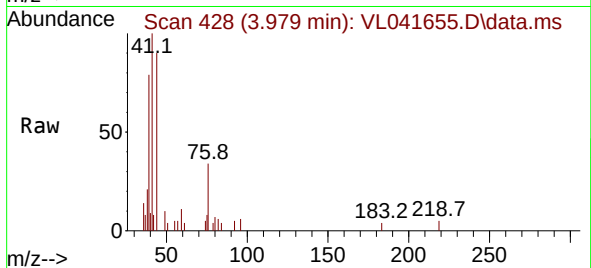
LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 41	Resp: 7209
Ion Ratio	Lower Upper
41	100
76	28.8 23.8 35.6
39	100.3 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#22

trans-1,2-Dichloroethene

Concen: 0.102 ppbv m

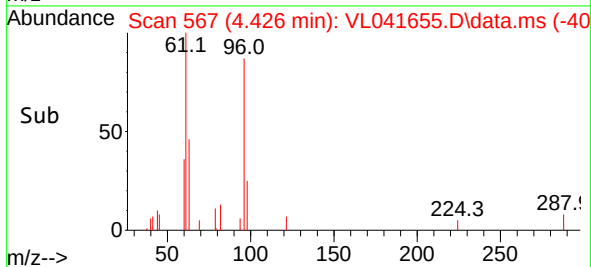
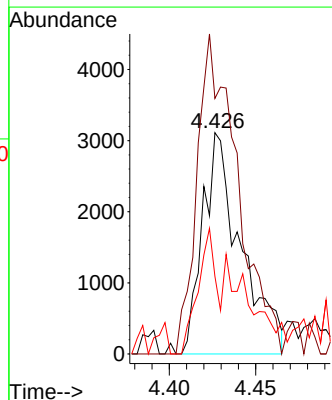
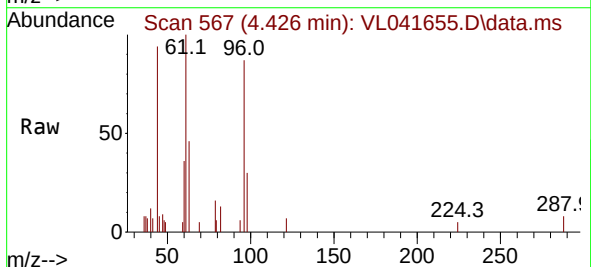
RT: 4.426 min Scan# 567

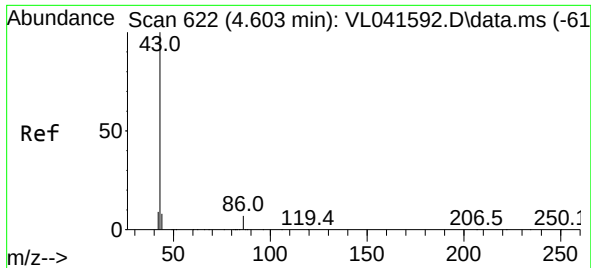
Delta R.T. 0.006 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

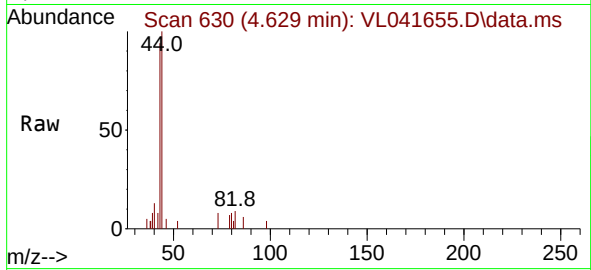
Tgt Ion: 96	Resp: 4788
Ion Ratio	Lower Upper
96	100
61	115.5 135.7 203.5#
98	35.1 50.9 76.3#





#23
 Vinyl Acetate
 Concen: 0.135 ppbv m
 RT: 4.629 min Scan# 61
 Delta R.T. 0.026 min
 Lab File: VL041655.D
 Acq: 10 Oct 2024 23:19

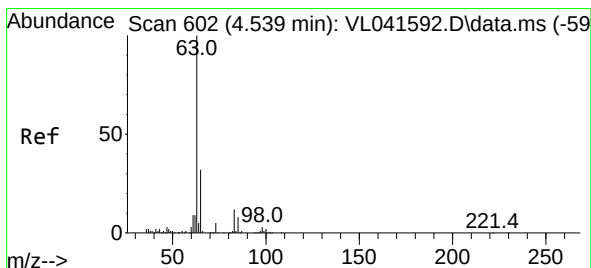
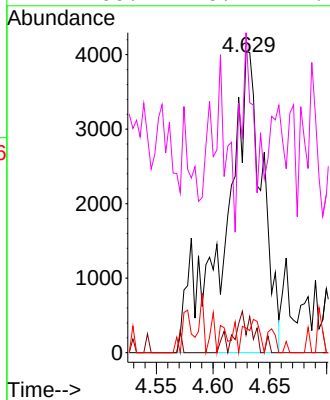
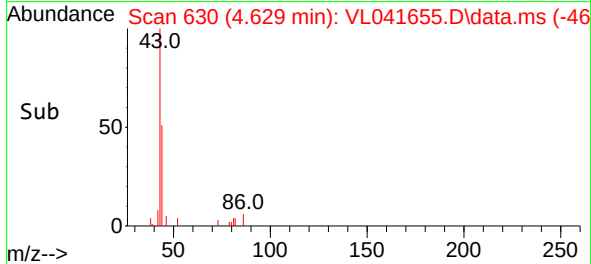
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 43 Resp: 9284
 Ion Ratio Lower Upper
 43 100
 86 5.9 4.9 7.3
 42 8.2 8.0 12.0
 44 106.4 6.1 9.1#

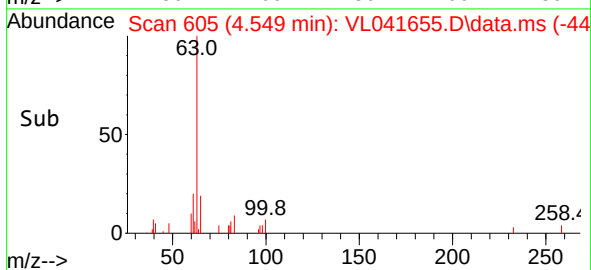
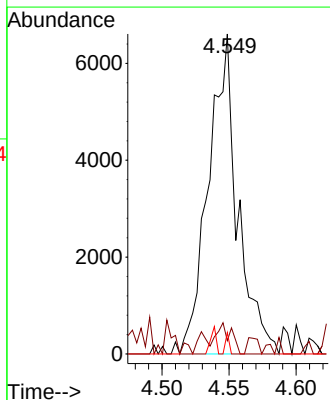
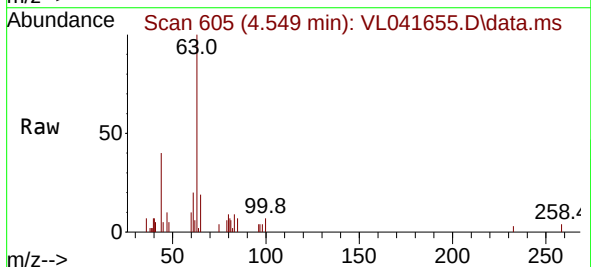
Manual Integrations
 APPROVED

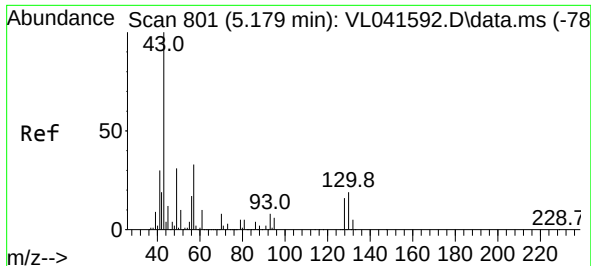
Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#24
 1,1-Dichloroethane
 Concen: 0.097 ppbv m
 RT: 4.549 min Scan# 605
 Delta R.T. 0.010 min
 Lab File: VL041655.D
 Acq: 10 Oct 2024 23:19

Tgt Ion: 63 Resp: 10009
 Ion Ratio Lower Upper
 63 100
 98 4.2 1.7 5.1
 100 6.7 1.1 3.3#





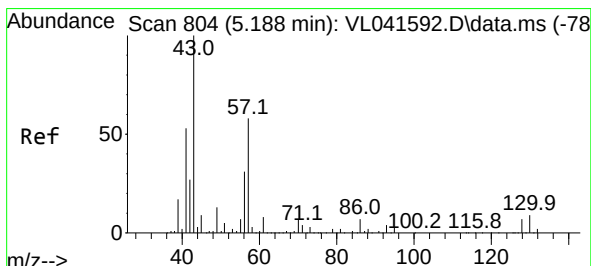
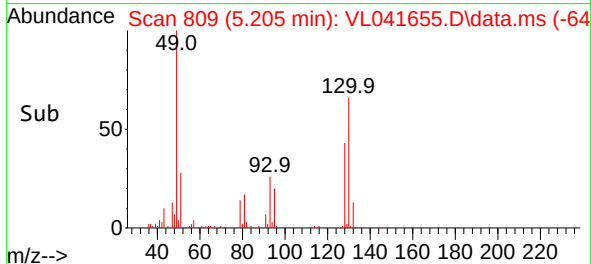
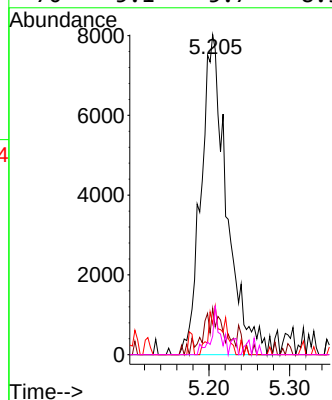
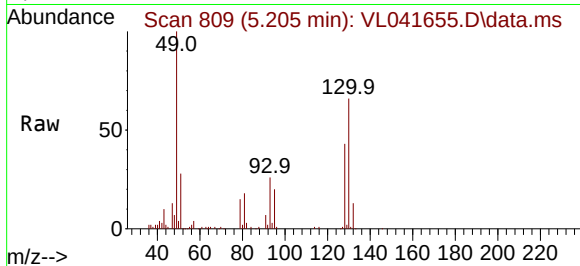
#25
Ethyl Acetate
Concen: 0.080 ppbv m
RT: 5.205 min Scan# 809
Delta R.T. 0.026 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 43 Resp: 1795
Ion Ratio Lower Upper
43 100
45 13.0 8.2 12.2
61 8.6 8.0 12.0
70 5.1 5.7 8.5#

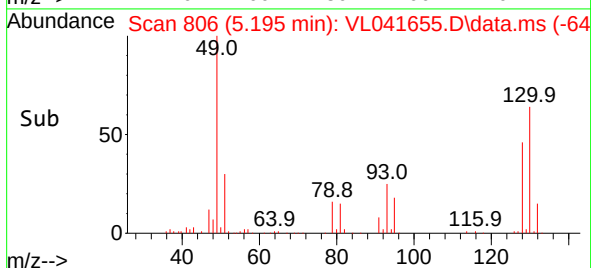
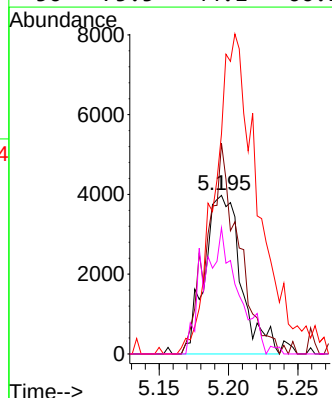
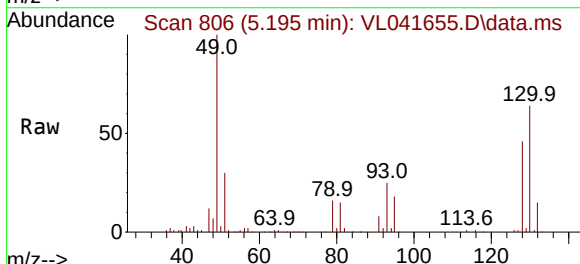
Manual Integrations
APPROVED

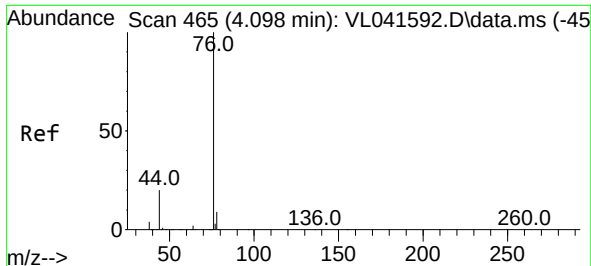
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#26
Hexane
Concen: 0.078 ppbv m
RT: 5.195 min Scan# 806
Delta R.T. 0.006 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Tgt Ion: 57 Resp: 7254
Ion Ratio Lower Upper
57 100
41 115.6 75.7 113.5#
43 0.0 198.5 297.7#
56 75.5 44.1 66.1#





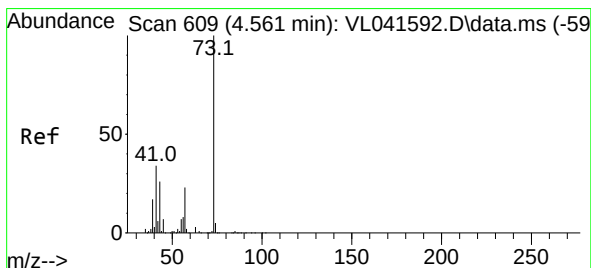
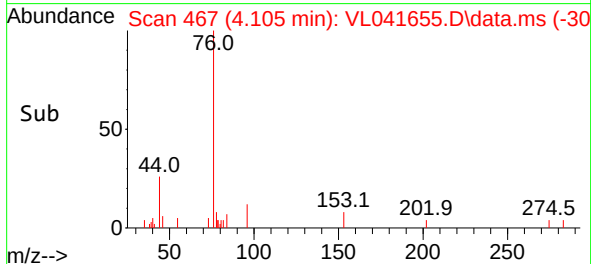
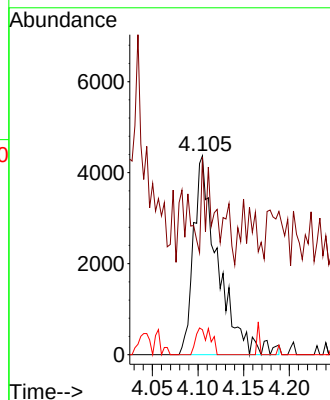
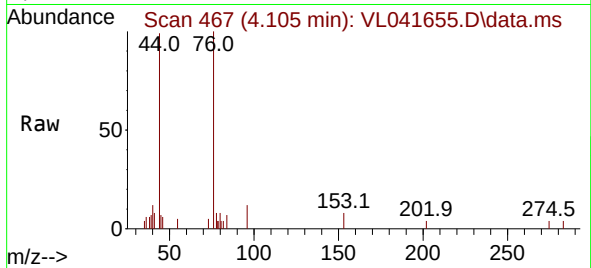
#27
Carbon Disulfide
Concen: 0.081 ppbv m
RT: 4.105 min Scan# 410
Delta R.T. 0.006 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 76 Resp: 809
Ion Ratio Lower Upper
76 100
44 37.7 15.8 23.8
78 8.0 7.5 11.3

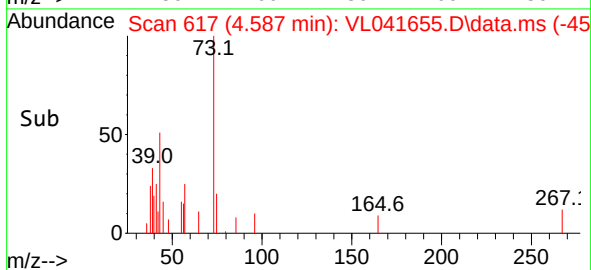
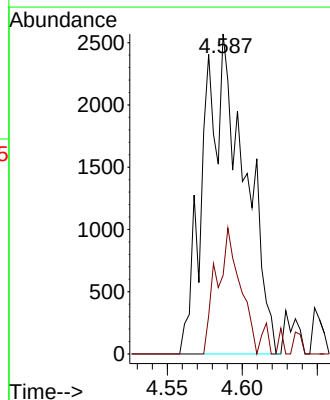
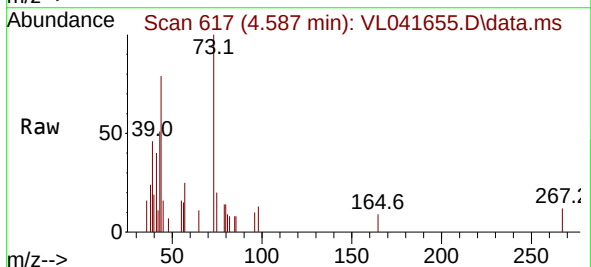
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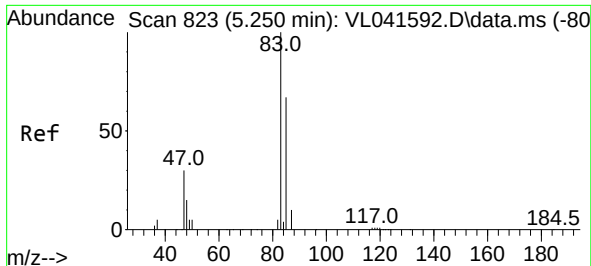
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#28
Methyl tert-Butyl Ether
Concen: 0.084 ppbv m
RT: 4.587 min Scan# 617
Delta R.T. 0.026 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Tgt Ion: 73 Resp: 4836
Ion Ratio Lower Upper
73 100
57 0.0 19.3 28.9





#29

Chloroform

Concen: 0.097 ppbv m

RT: 5.253 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 83 Resp: 1487

Ion Ratio Lower Upper

83 100

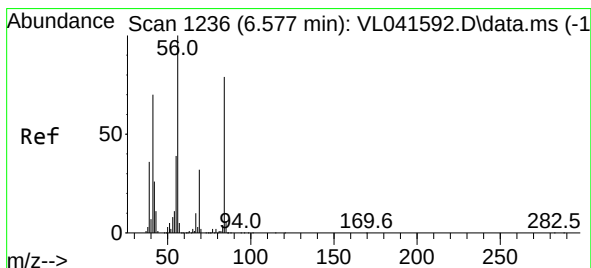
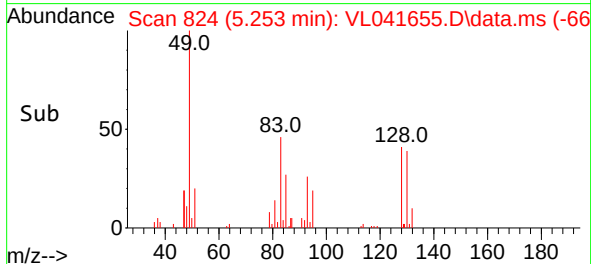
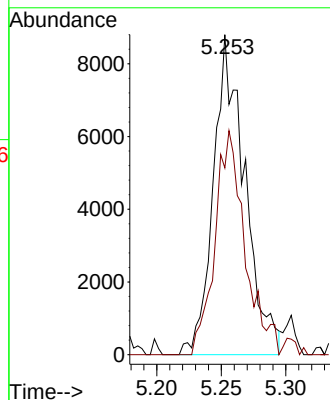
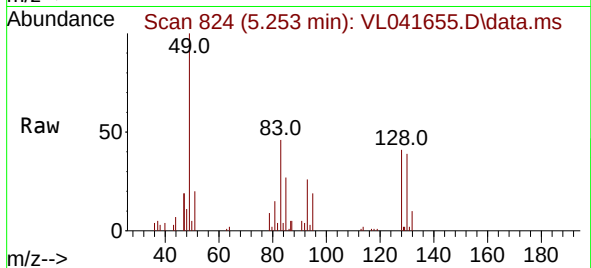
85 58.4 53.8 80.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#30

Cyclohexane

Concen: 0.234 ppbv m

RT: 6.651 min Scan# 1259

Delta R.T. 0.074 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

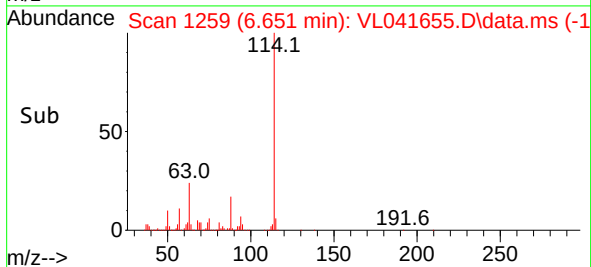
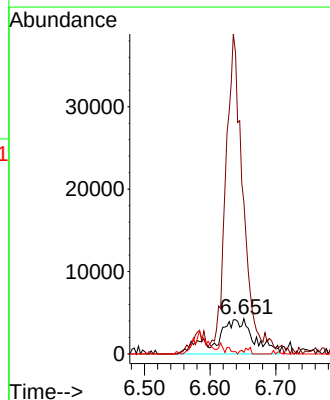
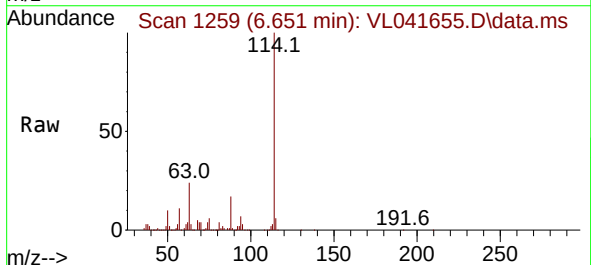
Tgt Ion: 84 Resp: 16901

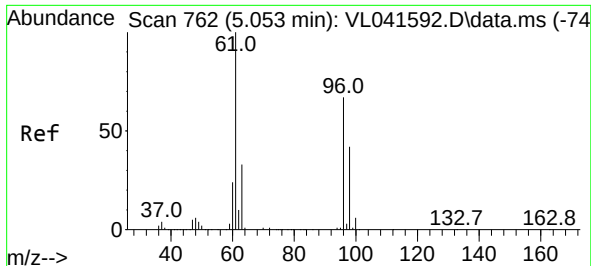
Ion Ratio Lower Upper

84 100

56 23.4 111.5 167.3#

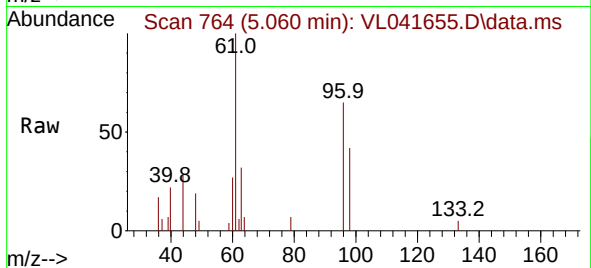
41 32.6 70.9 106.3#





#31
 cis-1,2-Dichloroethene
 Concen: 0.076 ppbv
 RT: 5.060 min Scan# 762
 Delta R.T. 0.006 min
 Lab File: VL041655.D
 Acq: 10 Oct 2024 23:19

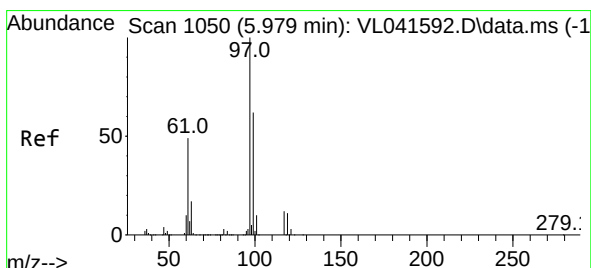
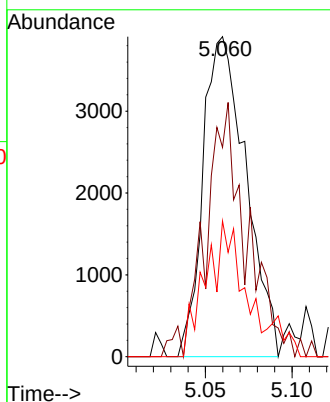
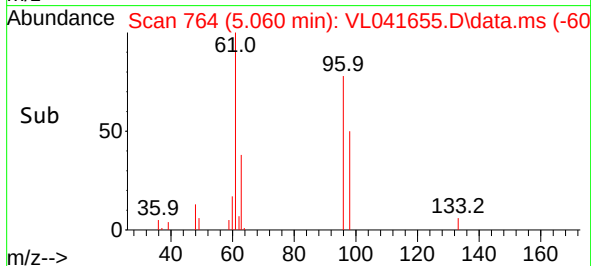
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024



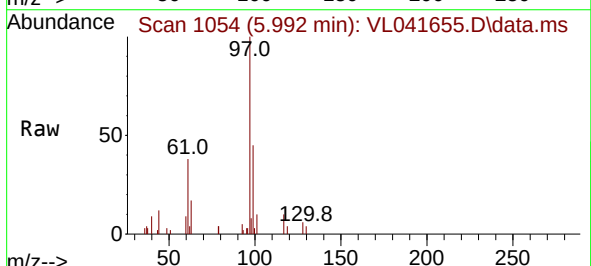
Tgt Ion: 61 Resp: 6734
 Ion Ratio Lower Upper
 61 100
 96 56.4 53.5 80.3
 98 42.4 33.7 50.5

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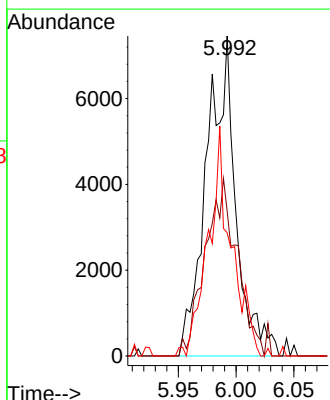
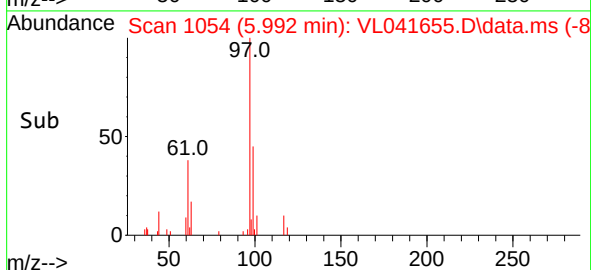
Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

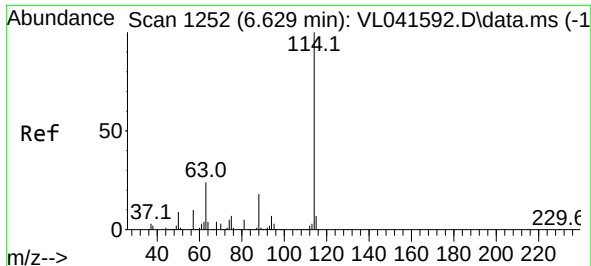


#32
 1,1,1-Trichloroethane
 Concen: 0.096 ppbv m
 RT: 5.992 min Scan# 1054
 Delta R.T. 0.013 min
 Lab File: VL041655.D
 Acq: 10 Oct 2024 23:19



Tgt Ion: 97 Resp: 13136
 Ion Ratio Lower Upper
 97 100
 99 61.5 51.0 76.4
 61 57.1 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 114

Delta R.T. 0.006 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024

Tgt Ion:114 Resp: 273314

Ion Ratio Lower Upper

114 100

63 25.0 20.2 30.2

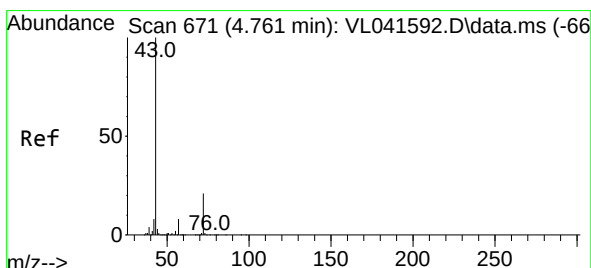
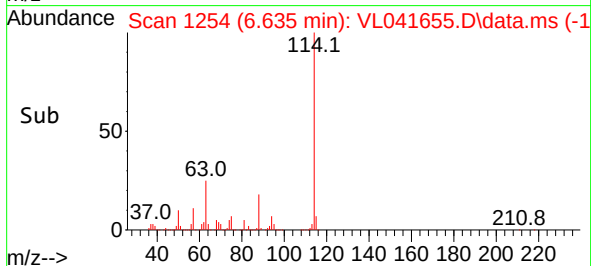
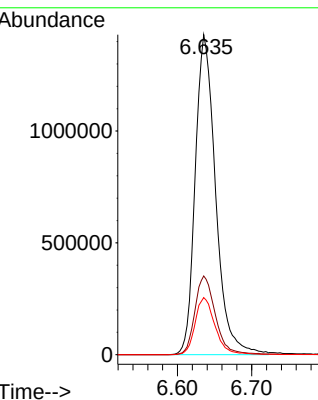
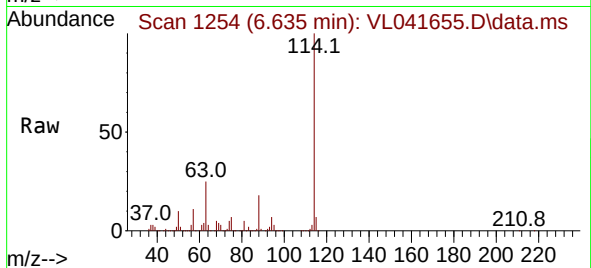
88 17.5 14.2 21.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#34

2-Butanone

Concen: 0.101 ppbv m

RT: 4.793 min Scan# 681

Delta R.T. 0.032 min

Lab File: VL041655.D

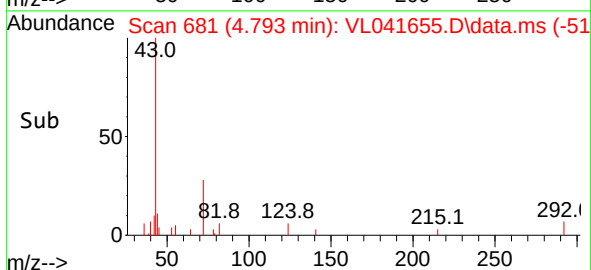
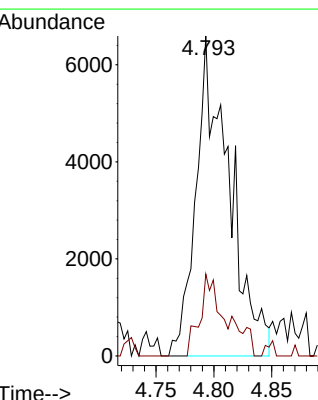
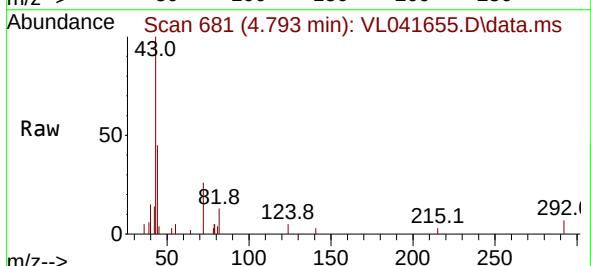
Acq: 10 Oct 2024 23:19

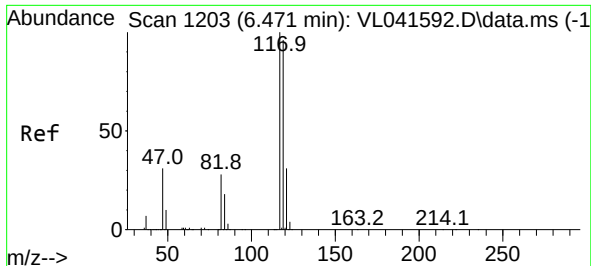
Tgt Ion: 43 Resp: 13134

Ion Ratio Lower Upper

43 100

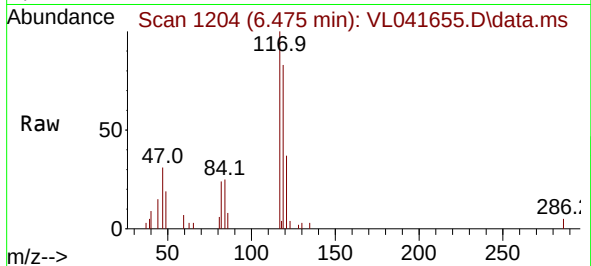
72 21.4 16.8 25.2





#35
Carbon Tetrachloride
Concen: 0.085 ppbv
RT: 6.475 min Scan# 1142
Delta R.T. 0.003 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

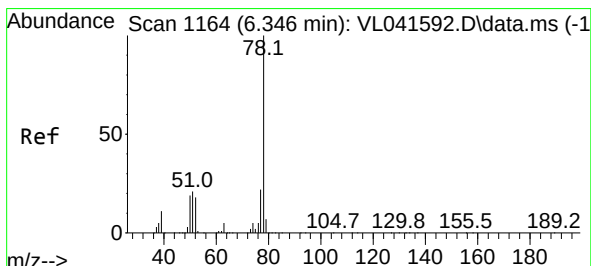
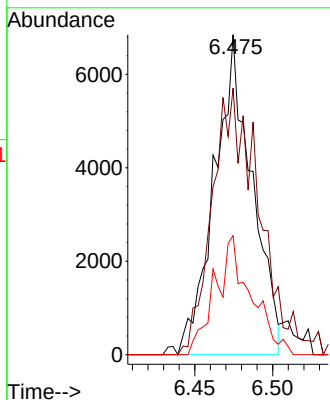
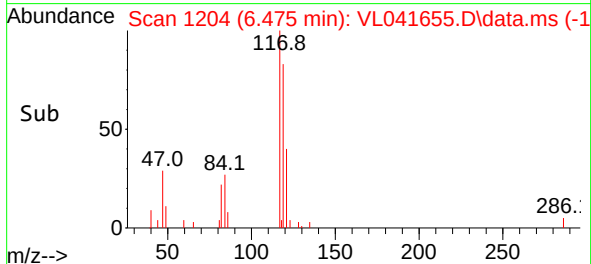
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 117 Resp: 1142
Ion Ratio Lower Upper
117 100
119 83.3 76.8 115.2
121 37.2 25.0 37.6

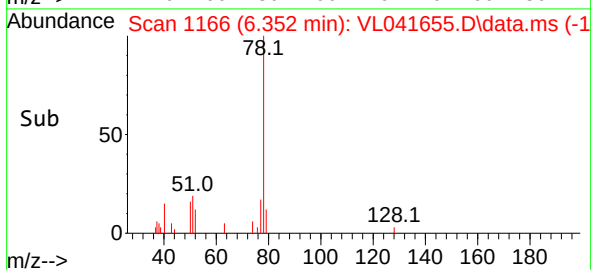
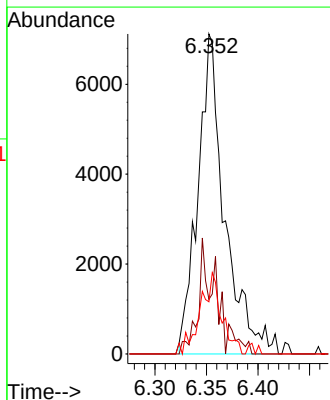
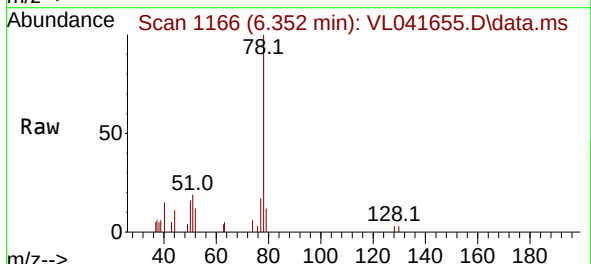
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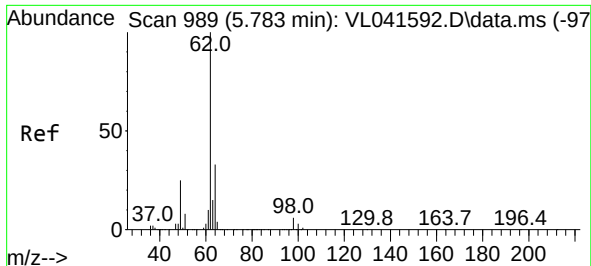
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#36
Benzene
Concen: 0.068 ppbv m
RT: 6.352 min Scan# 1166
Delta R.T. 0.006 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

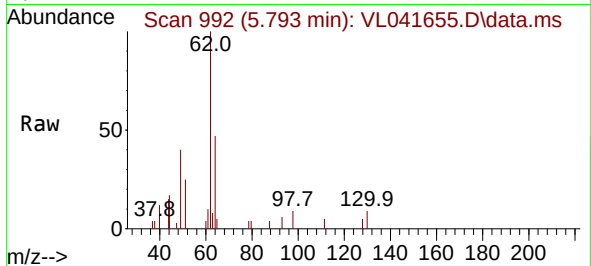
Tgt Ion: 78 Resp: 12888
Ion Ratio Lower Upper
78 100
77 17.0 17.8 26.6#
50 16.3 15.4 23.0





#37
1,2-Dichloroethane
Concen: 0.089 ppbv m
RT: 5.793 min Scan# 989
Delta R.T. 0.010 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

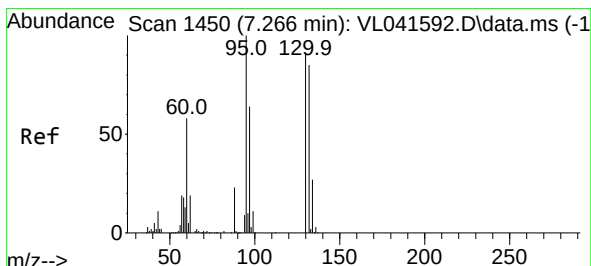
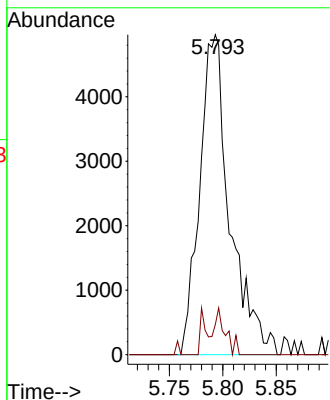
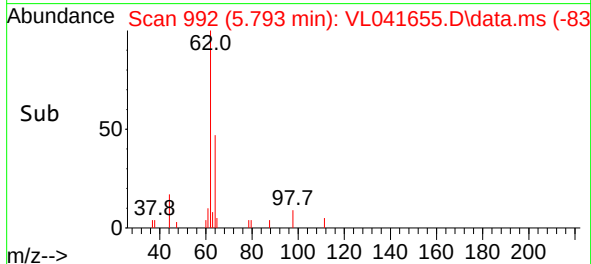
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 62 Resp: 9760
Ion Ratio Lower Upper
62 100
98 8.3 4.8 7.2

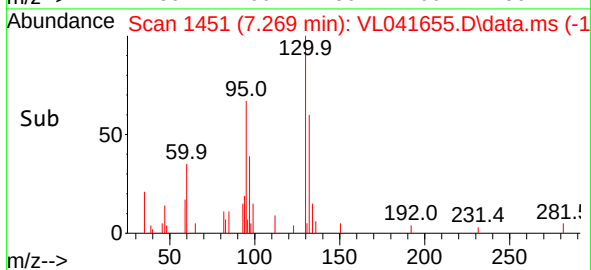
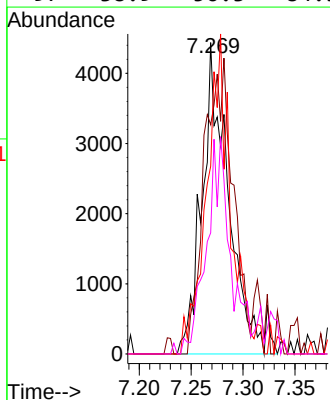
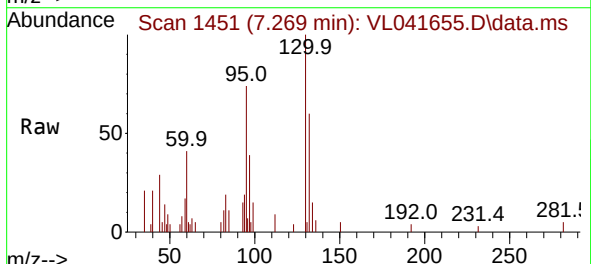
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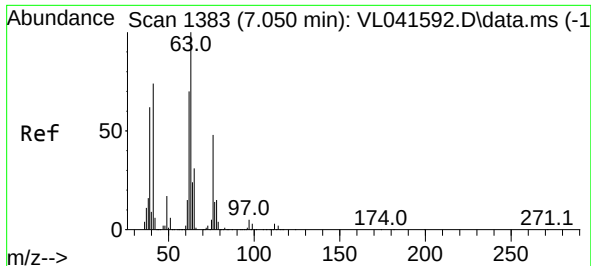
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#38
Trichloroethene
Concen: 0.081 ppbv m
RT: 7.269 min Scan# 1451
Delta R.T. 0.003 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Tgt Ion:130 Resp: 7916
Ion Ratio Lower Upper
130 100
95 73.6 87.7 131.5#
132 60.3 74.5 111.7#
97 38.9 56.3 84.5#





#39

1,2-Dichloropropane

Concen: 0.101 ppbv m

RT: 7.057 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024

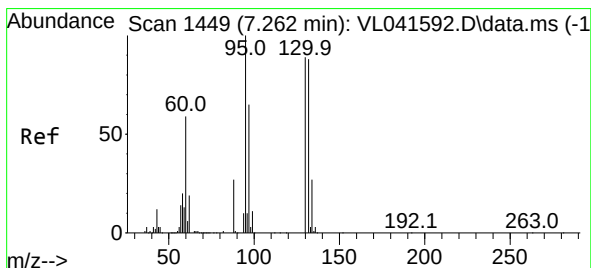
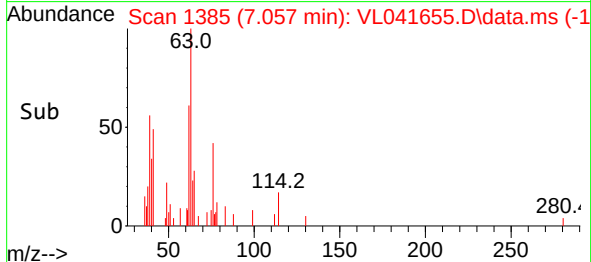
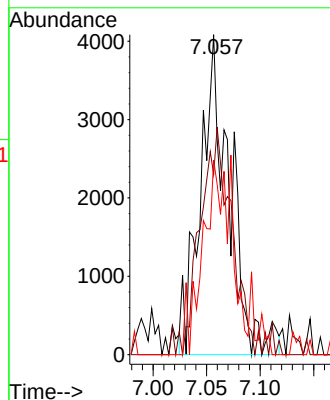
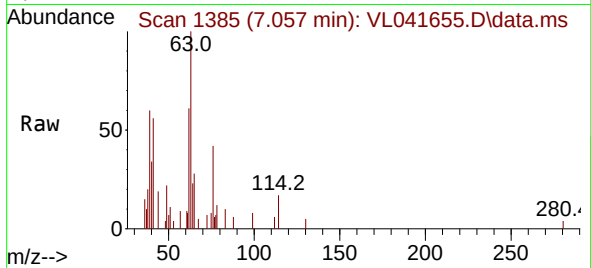
Tgt Ion: 63 Resp: 780

Ion	Ratio	Lower	Upper
63	100		
41	56.3	59.5	89.3
62	60.8	56.2	84.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#40

1,4-Dioxane

Concen: 0.052 ppbv m

RT: 7.330 min Scan# 1470

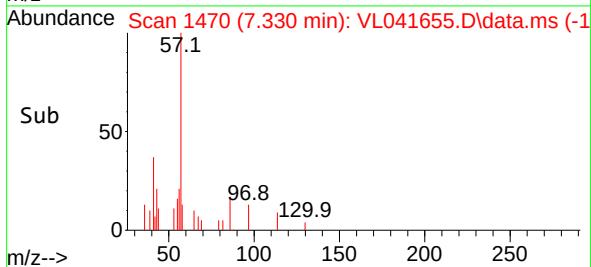
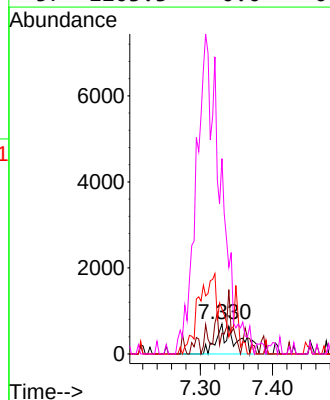
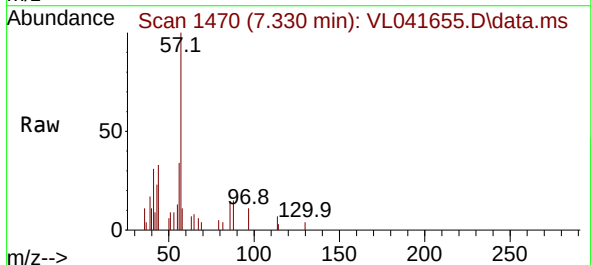
Delta R.T. 0.068 min

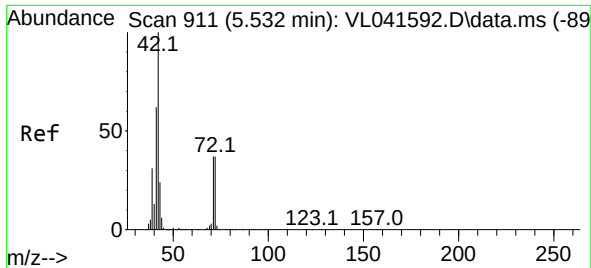
Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Tgt Ion: 88 Resp: 1501

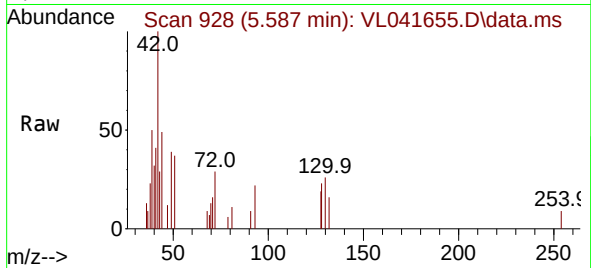
Ion	Ratio	Lower	Upper
88	100		
58	0.0	100.2	150.4
43	0.0	0.0	0.0
57	1203.3	0.0	0.0





#41
Tetrahydrofuran
Concen: 0.066 ppbv m
RT: 5.587 min Scan# 911
Delta R.T. 0.055 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

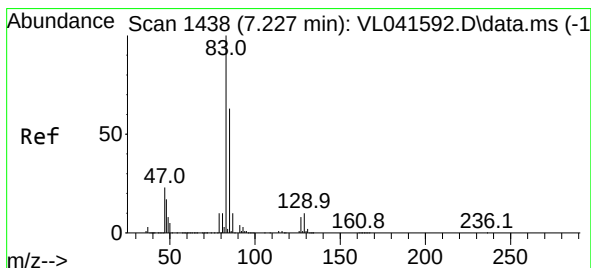
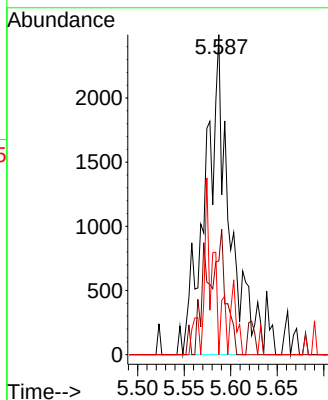
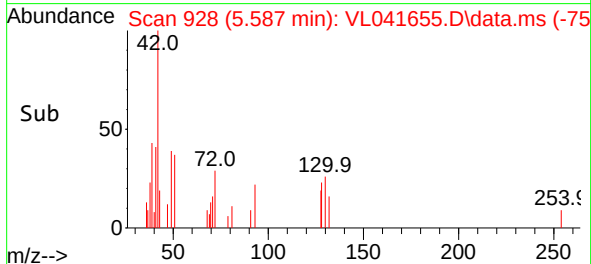
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 42 Resp: 4718
Ion Ratio Lower Upper
42 100
72 0.0 30.2 45.2
71 0.0 29.6 44.4

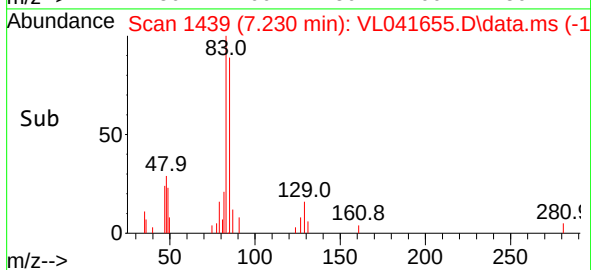
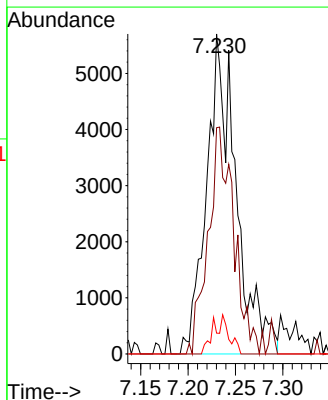
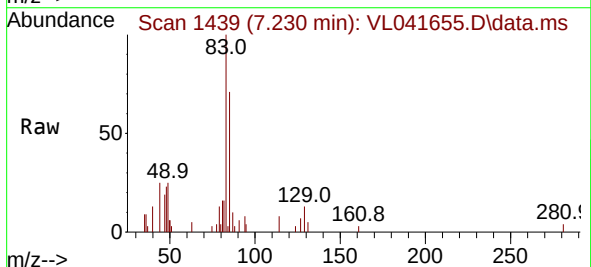
Manual Integrations
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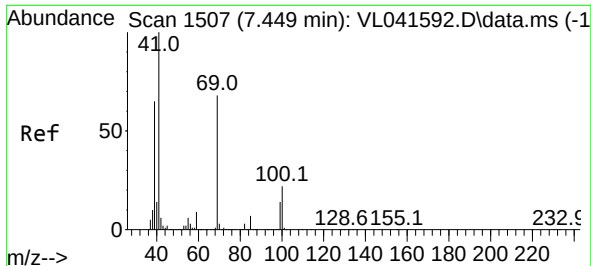
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#42
Bromodichloromethane
Concen: 0.081 ppbv m
RT: 7.230 min Scan# 1439
Delta R.T. 0.003 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

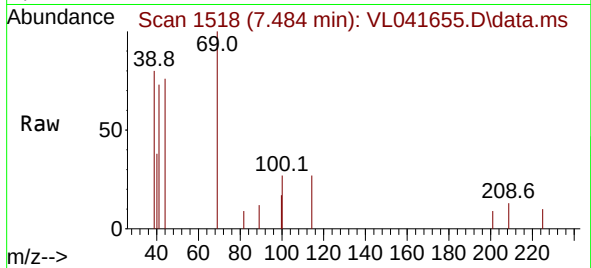
Tgt Ion: 83 Resp: 12347
Ion Ratio Lower Upper
83 100
85 70.7 50.5 75.7
127 6.5 6.5 9.7





#43
Methyl Methacrylate
Concen: 0.046 ppbv m
RT: 7.484 min Scan# 1518
Delta R.T. 0.035 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

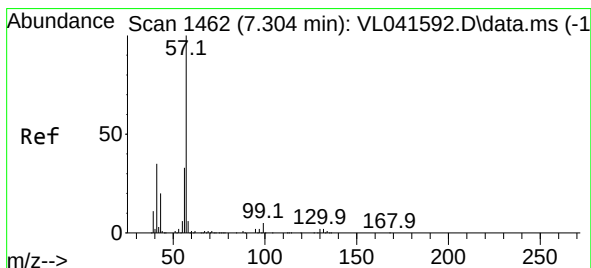
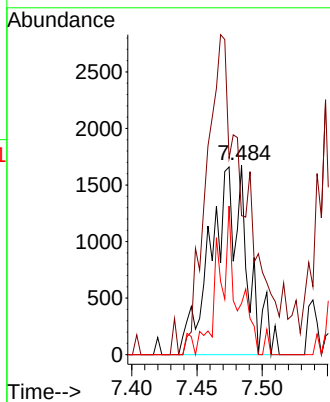
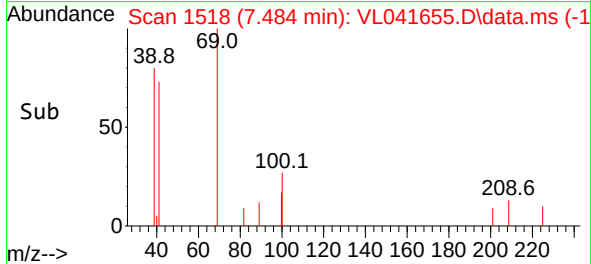
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 69 Resp: 3130
Ion Ratio Lower Upper
69 100
41 0.0 121.8 182.6#
100 0.0 26.5 39.7#

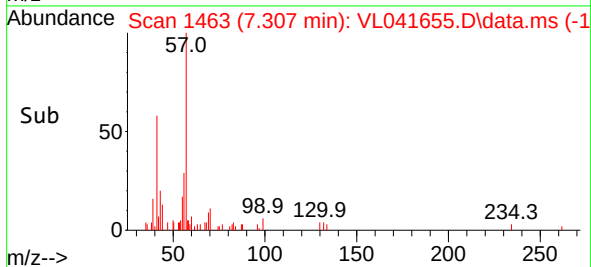
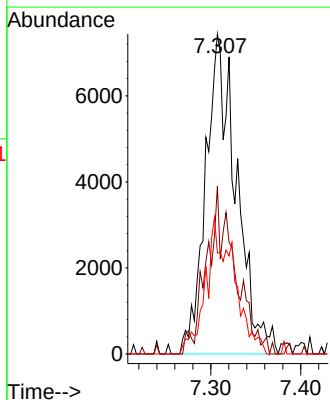
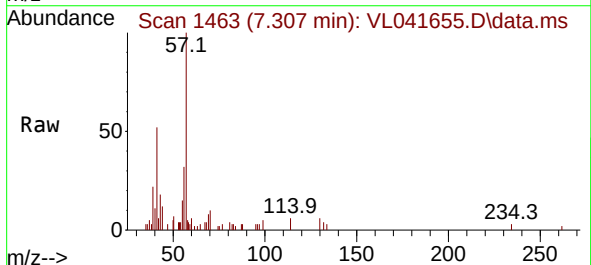
Manual Integrations
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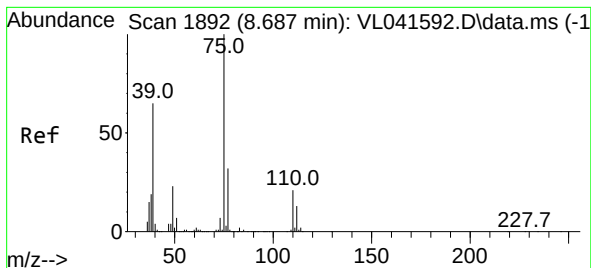
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#44
2,2,4-Trimethylpentane
Concen: 0.054 ppbv m
RT: 7.307 min Scan# 1463
Delta R.T. 0.003 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Tgt Ion: 57 Resp: 17589
Ion Ratio Lower Upper
57 100
41 48.3 27.0 40.6#
56 39.4 25.5 38.3#





#45

t-1,3-Dichloropropene

Concen: 0.046 ppbv m

RT: 8.696 min Scan# 1895

Delta R.T. 0.010 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Instrument :

MSVOA_L

ClientSampleId :

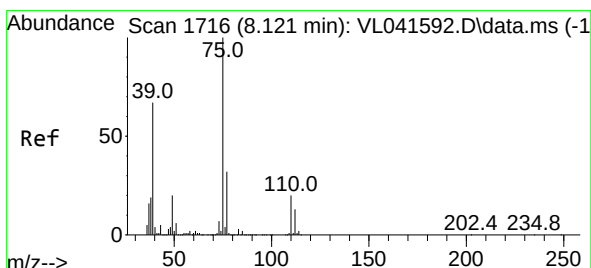
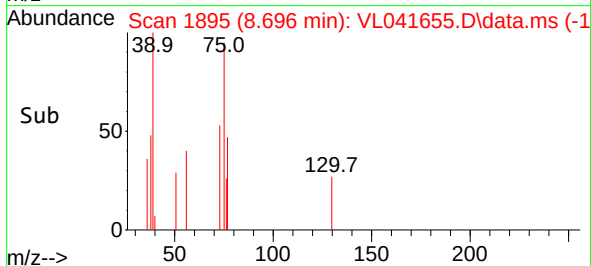
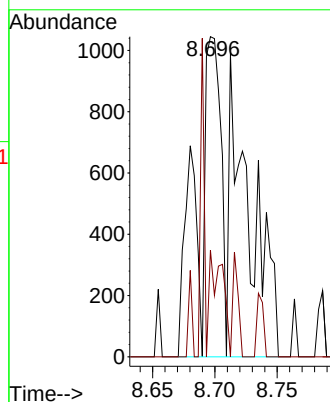
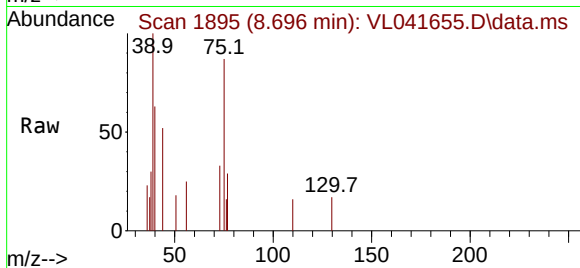
LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 75	Resp: 249
Ion Ratio	Lower Upper
75	100
77	33.3 25.4 38.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#46

cis-1,3-Dichloropropene

Concen: 0.056 ppbv m

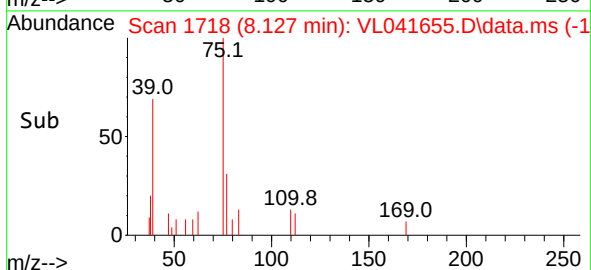
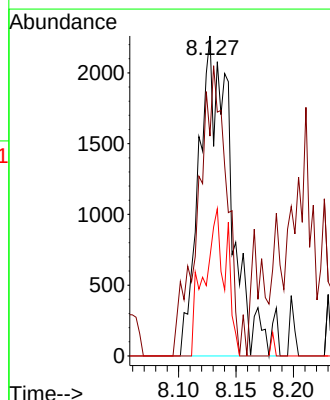
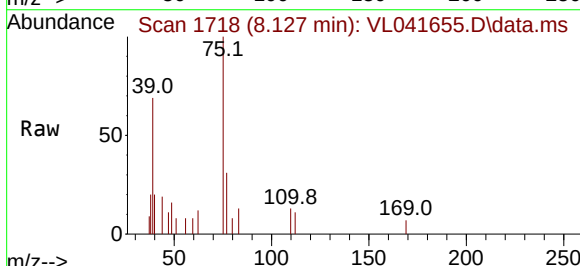
RT: 8.127 min Scan# 1718

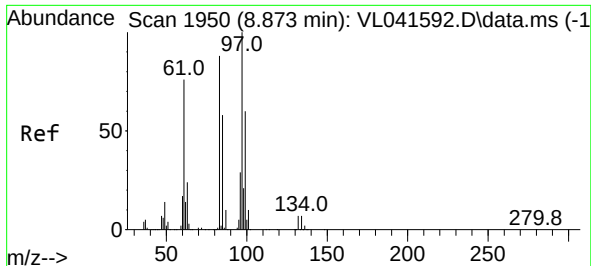
Delta R.T. 0.006 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

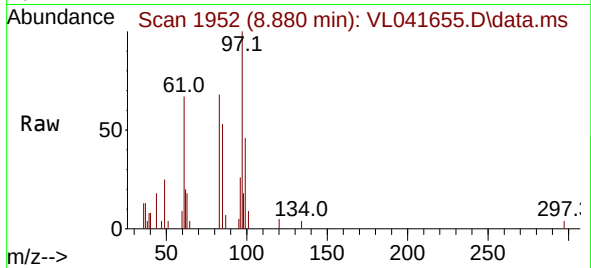
Tgt Ion: 75	Resp: 4481
Ion Ratio	Lower Upper
75	100
39	68.7 54.0 81.0
77	30.9 25.2 37.8





#47
1,1,2-Trichloroethane
Concen: 0.088 ppbv m
RT: 8.880 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

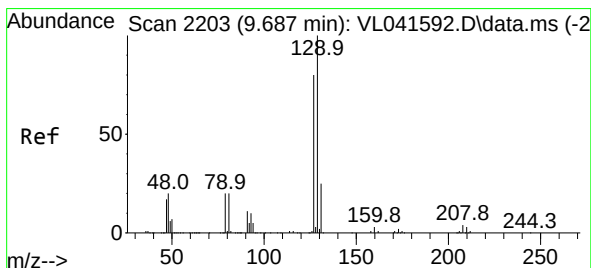
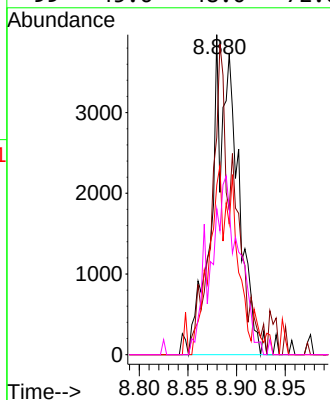
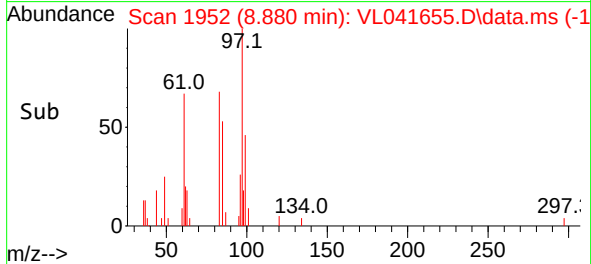
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 97 Resp: 724
Ion Ratio Lower Upper
97 100
83 67.9 70.2 105.4
85 53.0 46.3 69.5
99 45.6 48.0 72.0#

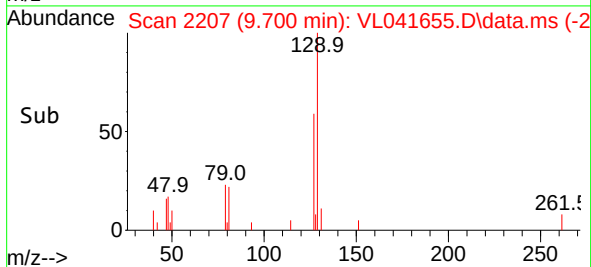
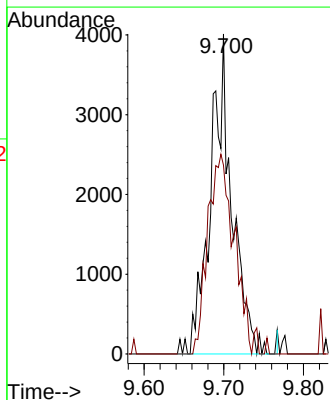
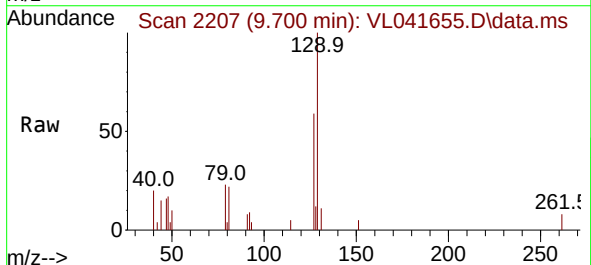
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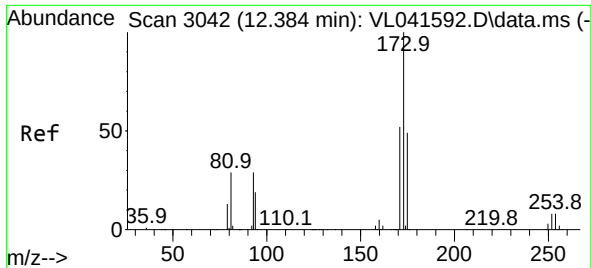
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#48
Dibromochloromethane
Concen: 0.061 ppbv m
RT: 9.700 min Scan# 2207
Delta R.T. 0.013 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

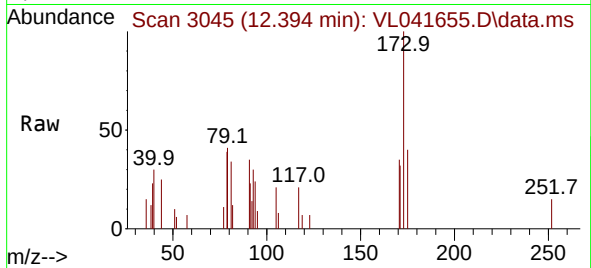
Tgt Ion:129 Resp: 7592
Ion Ratio Lower Upper
129 100
127 77.0 39.3 117.9





#49
Bromoform
Concen: 0.052 ppbv m
RT: 12.394 min Scan# 3042
Delta R.T. 0.010 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

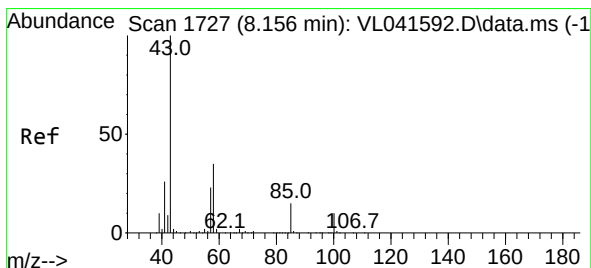
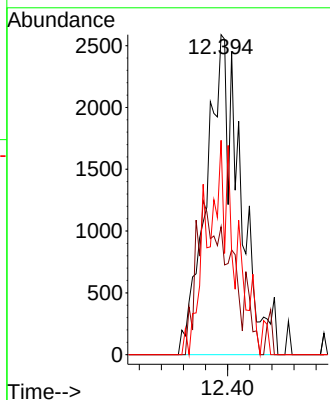
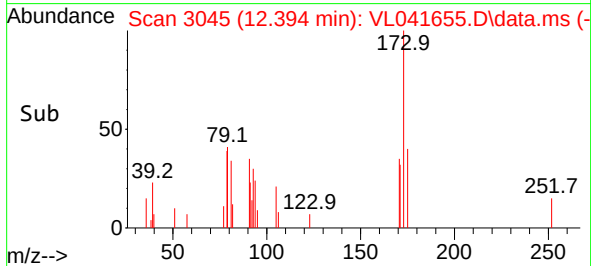
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 173 Resp: 5500
Ion Ratio Lower Upper
173 100
175 0.0 40.1 60.1
171 57.4 42.2 63.4

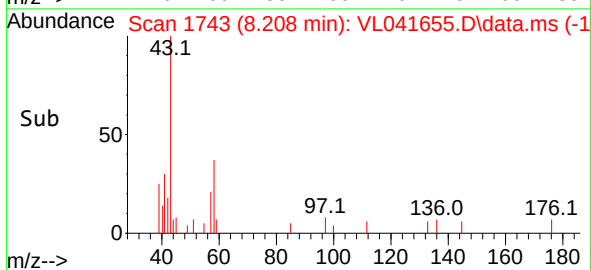
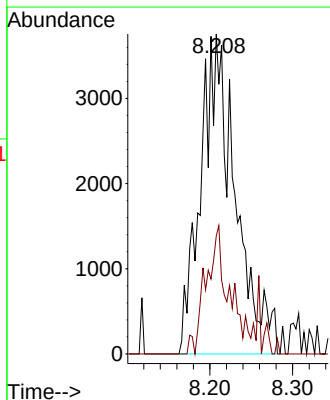
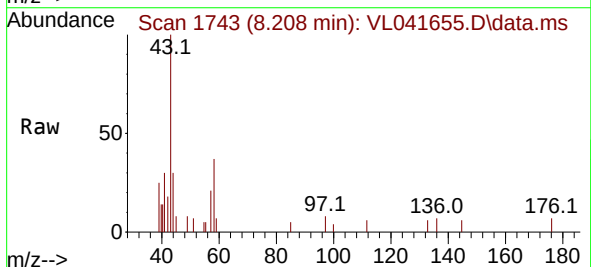
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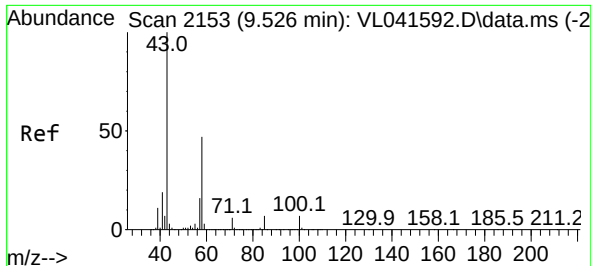
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#50
4-Methyl-2-Pentanone
Concen: 0.055 ppbv m
RT: 8.208 min Scan# 1743
Delta R.T. 0.051 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

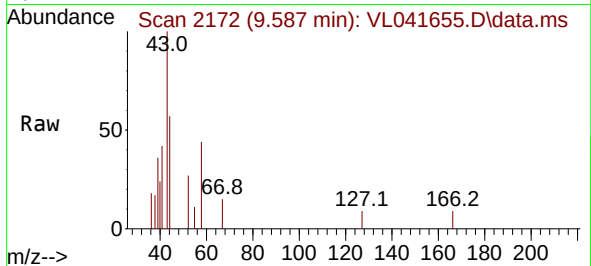
Tgt Ion: 43 Resp: 10970
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8





#51
2-Hexanone
Concen: 0.044 ppbv m
RT: 9.587 min Scan# 2153
Delta R.T. 0.061 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

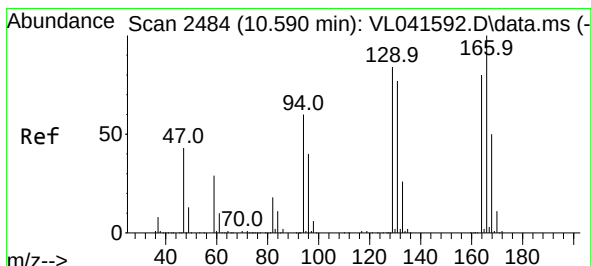
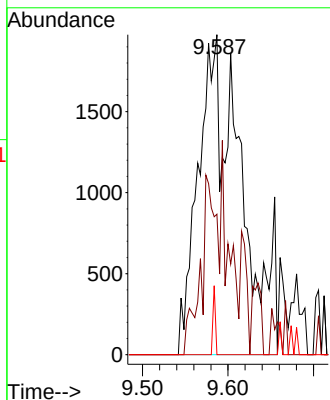
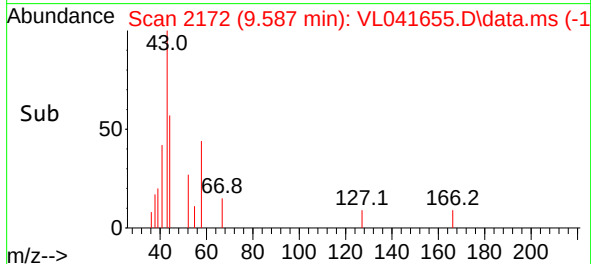
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 43 Resp: 6709
Ion Ratio Lower Upper
43 100
58 0.0 37.2 55.8
98 0.0 0.5 0.7

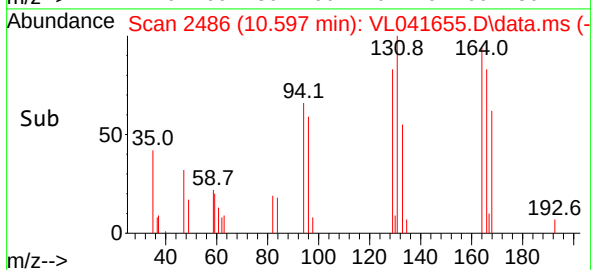
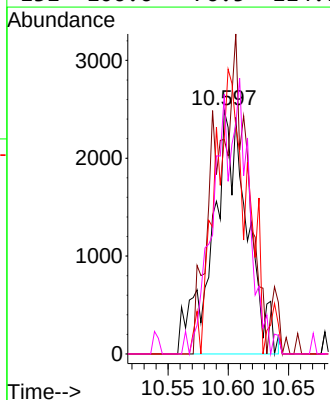
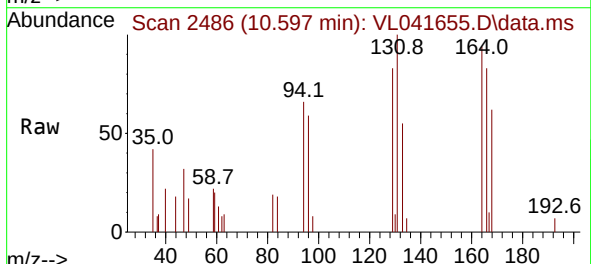
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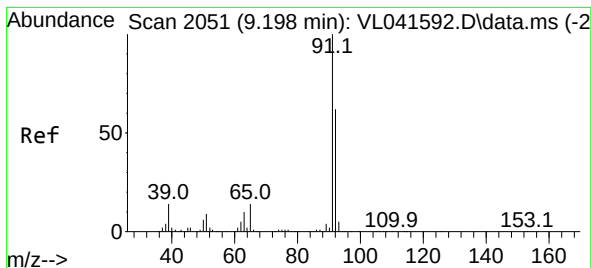
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#52
Tetrachloroethene
Concen: 0.074 ppbv m
RT: 10.597 min Scan# 2486
Delta R.T. 0.006 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Tgt Ion:164 Resp: 5086
Ion Ratio Lower Upper
164 100
166 88.1 99.4 149.2#
129 88.6 83.5 125.3
131 106.6 76.5 114.7





#53

Toluene

Concen: 0.046 ppbv m

RT: 9.195 min Scan# 2051

Delta R.T. -0.003 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Instrument :

MSVOA_L

ClientSampleId :

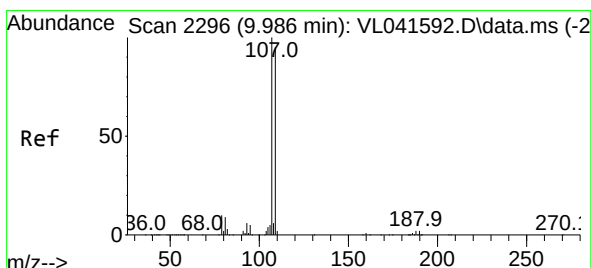
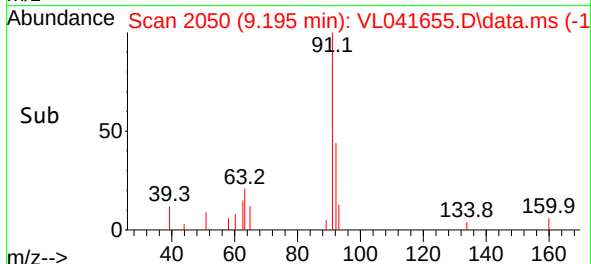
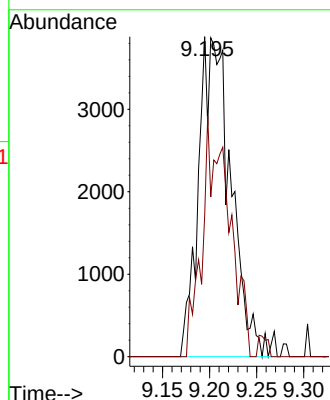
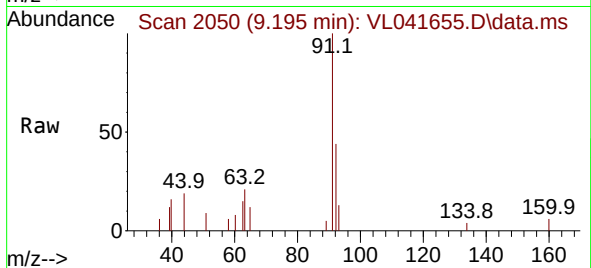
LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 91 Resp: 9345
 Ion Ratio Lower Upper
 91 100
 92 0.0 48.9 73.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#54

1,2-Dibromoethane

Concen: 0.068 ppbv m

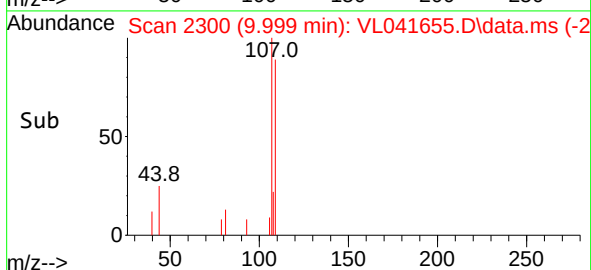
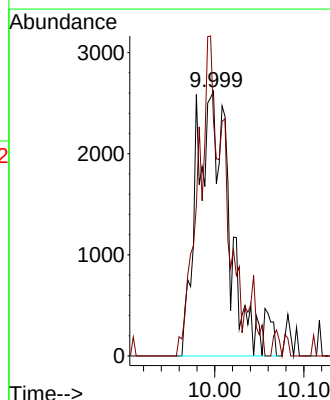
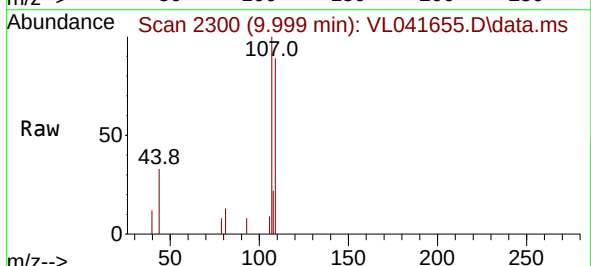
RT: 9.999 min Scan# 2300

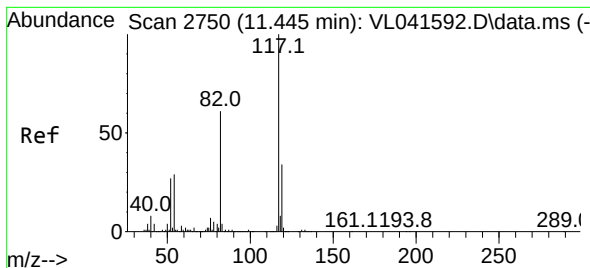
Delta R.T. 0.013 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Tgt Ion:107 Resp: 6893
 Ion Ratio Lower Upper
 107 100
 109 88.8 75.7 113.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.452 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024

Tgt Ion:117 Resp: 241444

Ion Ratio Lower Upper

117 100

82 64.5 49.4 74.2

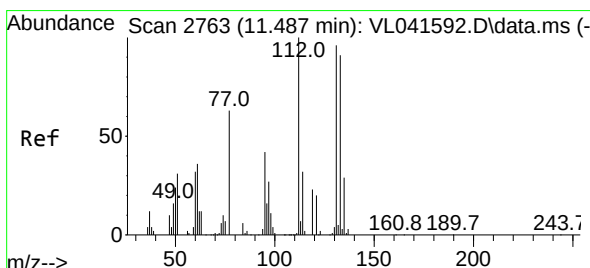
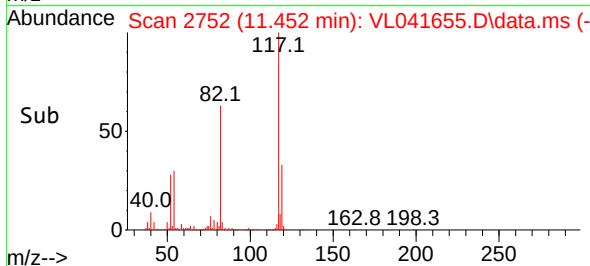
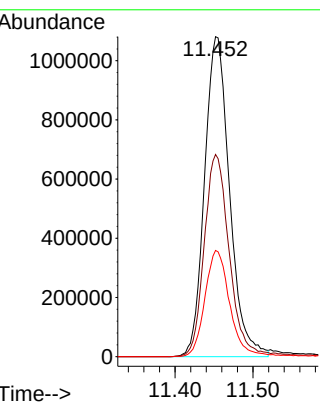
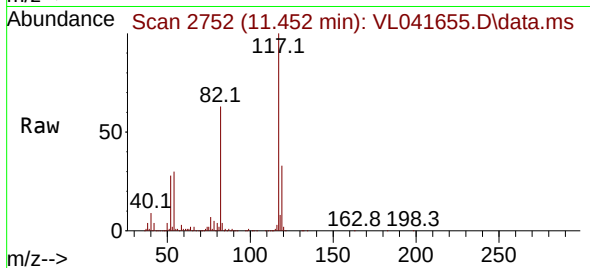
119 33.6 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#56

1,1,1,2-Tetrachloroethane

Concen: 0.097 ppbv m

RT: 11.490 min Scan# 2764

Delta R.T. 0.003 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

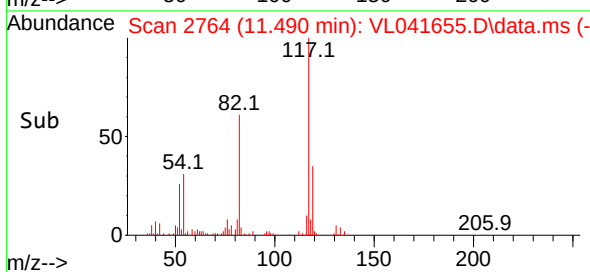
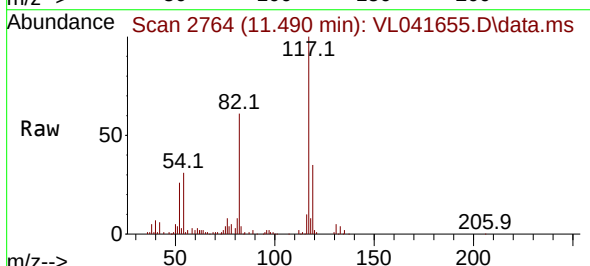
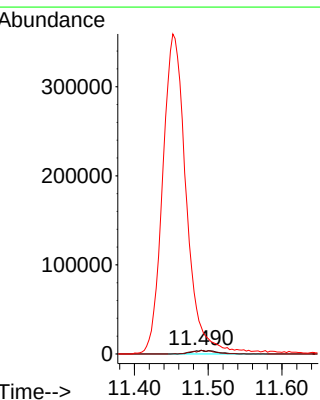
Tgt Ion:131 Resp: 9122

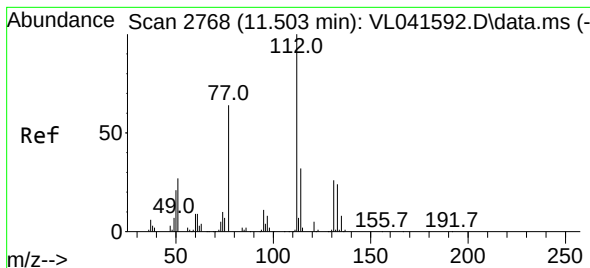
Ion Ratio Lower Upper

131 100

133 0.0 76.6 115.0#

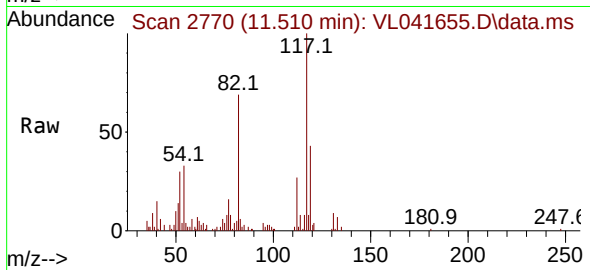
119 0.0 48.5 72.7#





#57
Chlorobenzene
Concen: 0.096 ppbv m
RT: 11.510 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

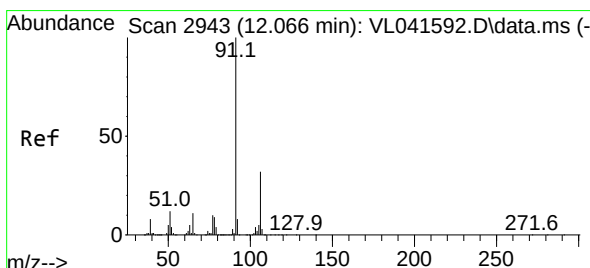
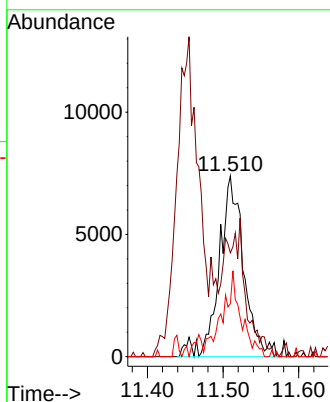
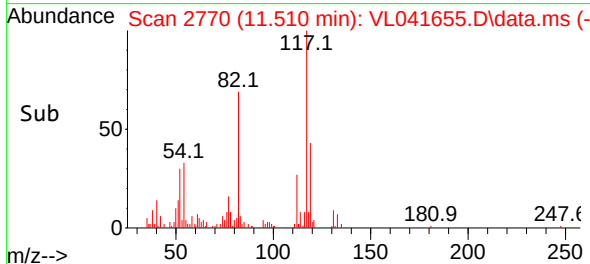
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:112 Resp: 16749
Ion Ratio Lower Upper
112 100
77 57.4 52.0 78.0
114 29.3 28.6 35.0

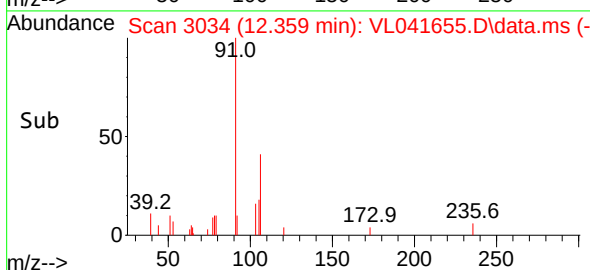
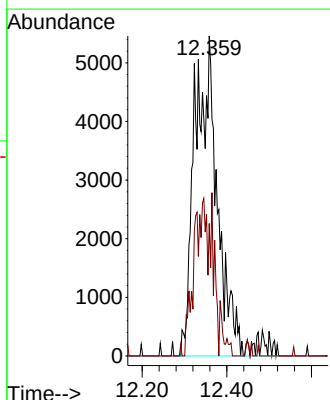
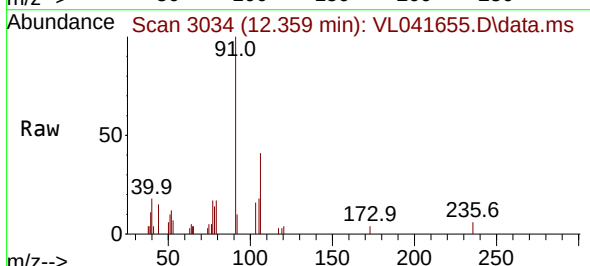
Manual Integrations
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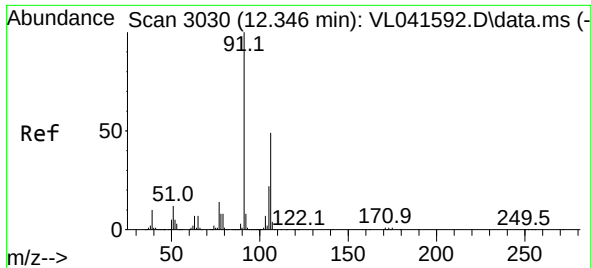
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#58
Ethyl Benzene
Concen: 0.081 ppbv m
RT: 12.359 min Scan# 3034
Delta R.T. 0.293 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Tgt Ion: 91 Resp: 20858
Ion Ratio Lower Upper
91 100
106 41.4 25.8 38.6#





#59

m/p-Xylene

Concen: 0.087 ppbv m

RT: 12.359 min Scan# 3034

Delta R.T. 0.013 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Instrument :

MSVOA_L

ClientSampleId :

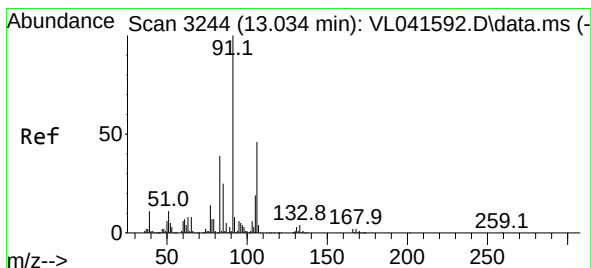
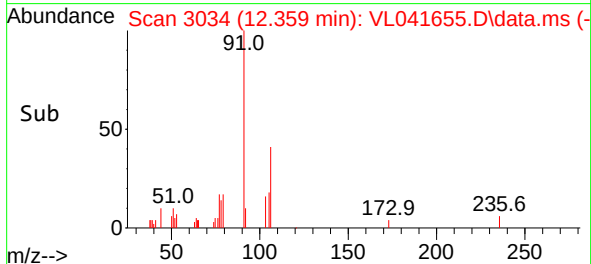
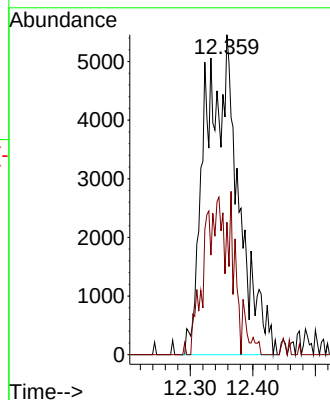
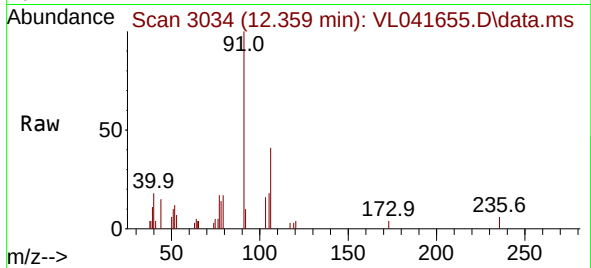
LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 91 Resp: 19984
 Ion Ratio Lower Upper
 91 100
 106 42.9 36.8 55.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#60

o-Xylene

Concen: 0.044 ppbv m

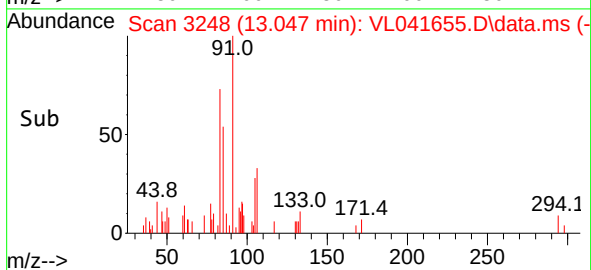
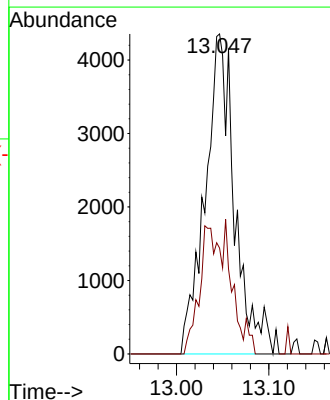
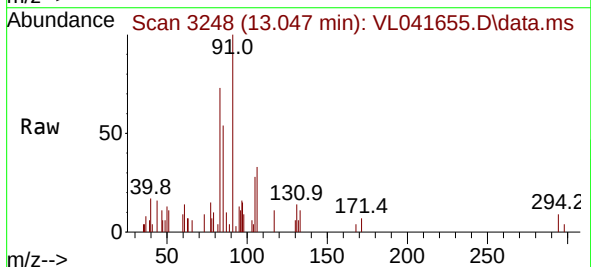
RT: 13.047 min Scan# 3248

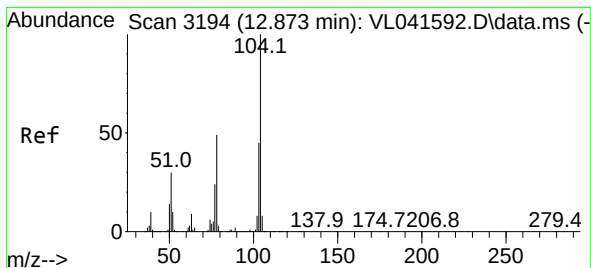
Delta R.T. 0.013 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Tgt Ion: 91 Resp: 9702
 Ion Ratio Lower Upper
 91 100
 106 0.0 23.1 69.3#





#61

Styrene

Concen: 0.042 ppbv m

RT: 12.886 min Scan# 3194

Delta R.T. 0.013 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Instrument :

MSVOA_L

ClientSampleId :

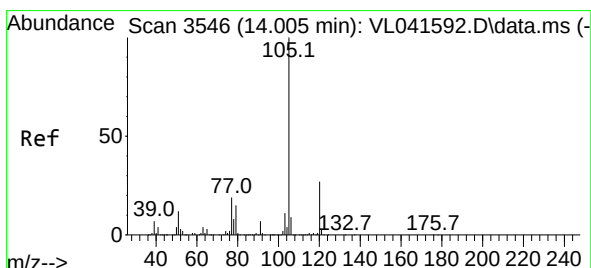
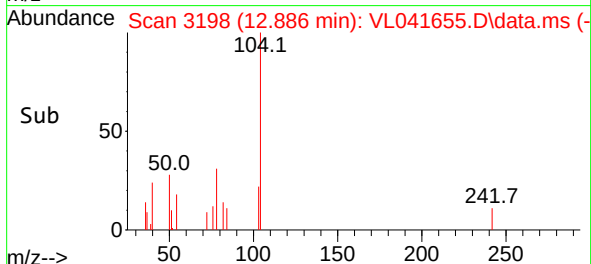
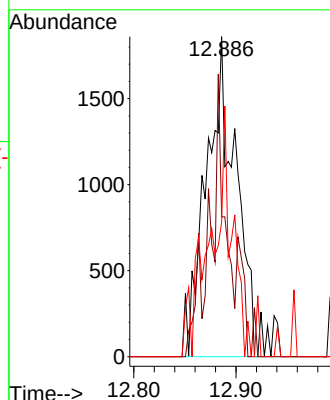
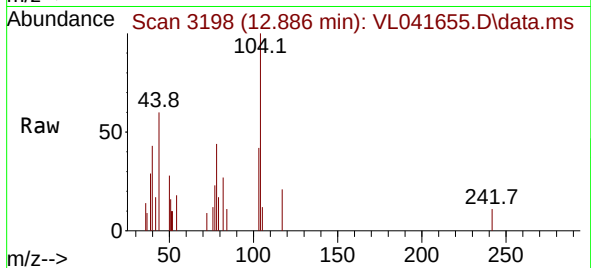
LOD-MDL-AIR-01-QT4-2024

Tgt Ion:104	Resp:	384
Ion Ratio	Lower	Upper
104	100	
78	54.4	39.8 59.6
103	60.3	37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#62

Isopropylbenzene

Concen: 0.060 ppbv m

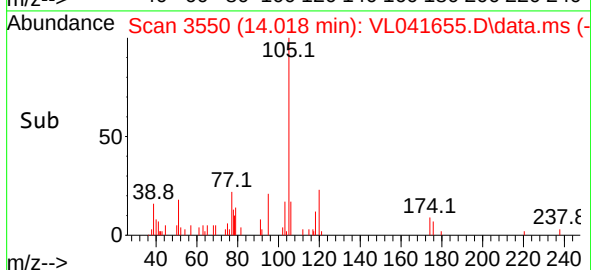
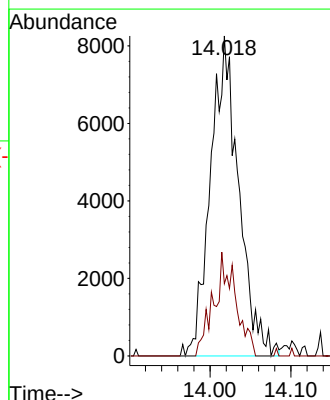
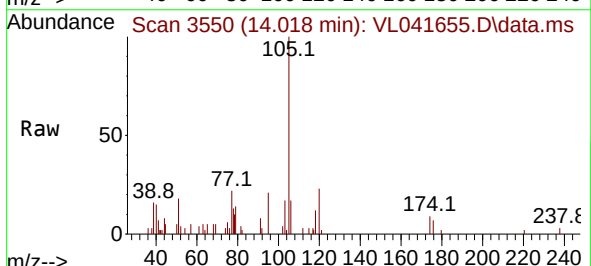
RT: 14.018 min Scan# 3550

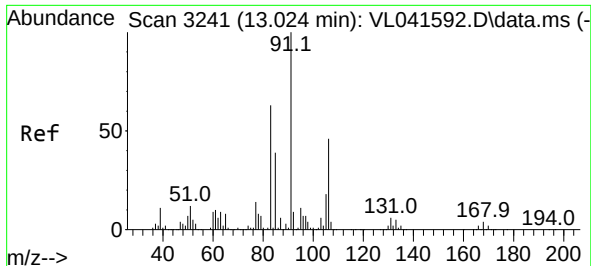
Delta R.T. 0.013 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

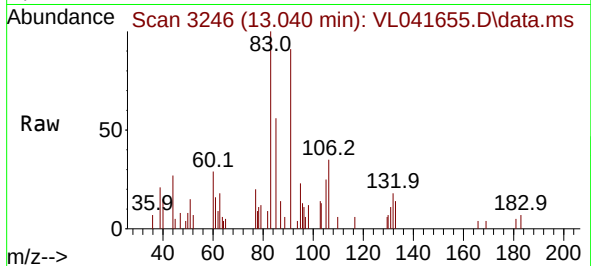
Tgt Ion:105	Resp:	20048
Ion Ratio	Lower	Upper
105	100	
120	25.2	20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 0.089 ppbv m
RT: 13.040 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

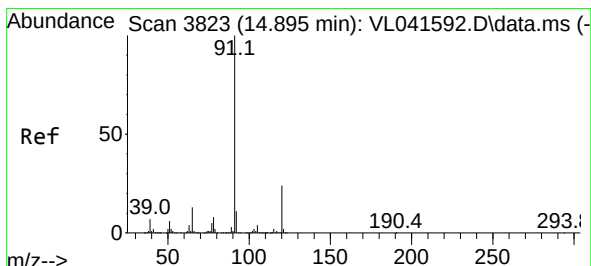
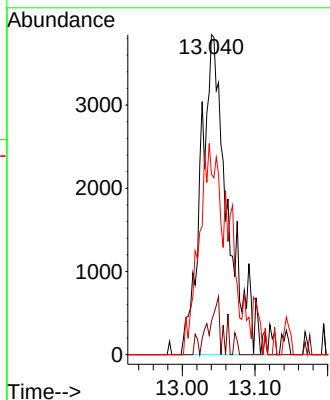
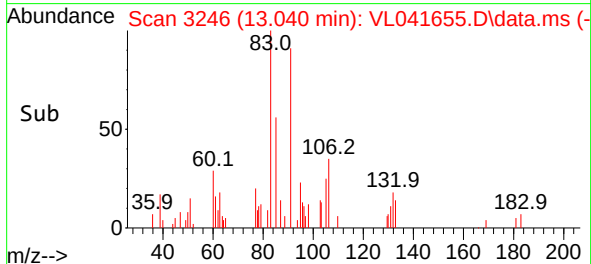
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



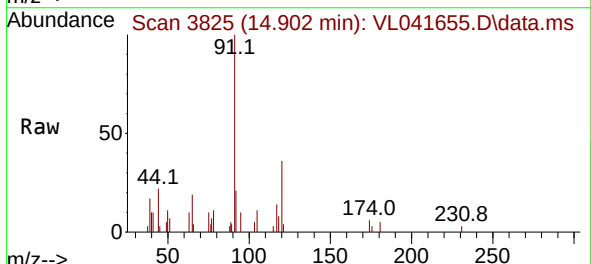
Tgt Ion: 83 Resp: 1008
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4
85 0.0 32.5 97.4

Manual Integrations
APPROVED

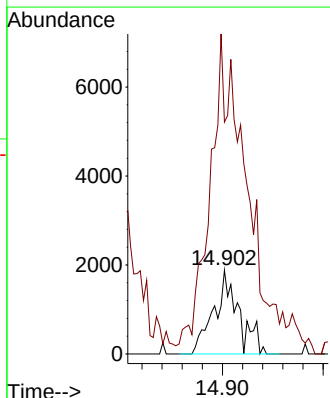
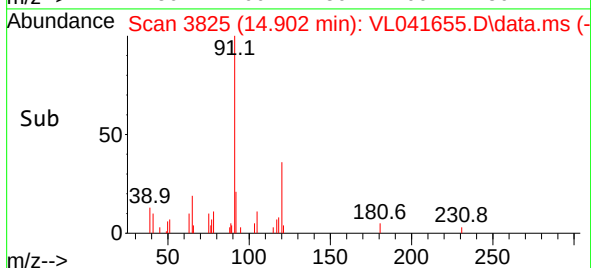
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

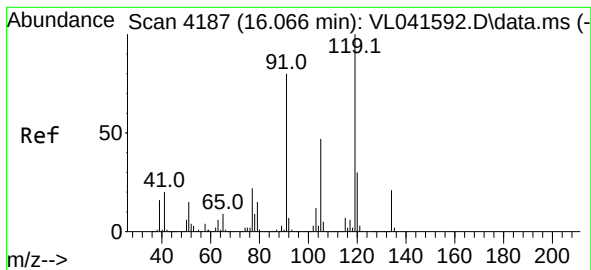


#64
n-propylbenzene
Concen: 0.037 ppbv m
RT: 14.902 min Scan# 3825
Delta R.T. 0.006 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19



Tgt Ion:120 Resp: 3222
Ion Ratio Lower Upper
120 100
91 584.0 366.4 549.6#





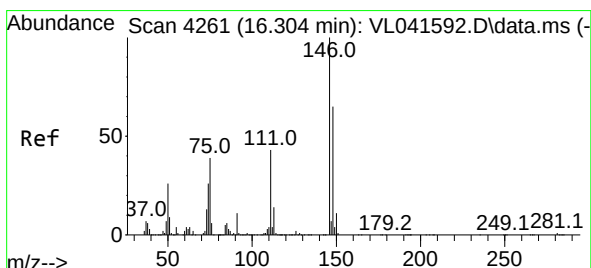
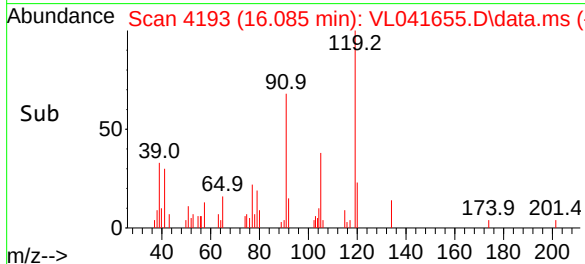
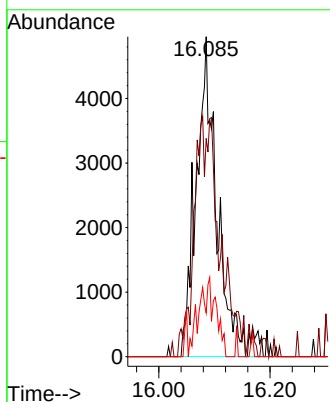
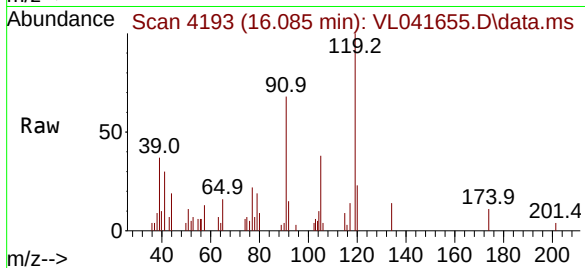
#65
tert-Butylbenzene
Concen: 0.043 ppbv m
RT: 16.085 min Scan# 4187
Delta R.T. 0.019 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

Tgt Ion:119 Resp: 13134
Ion Ratio Lower Upper
119 100
91 93.5 64.6 96.8
134 0.0 15.8 23.8

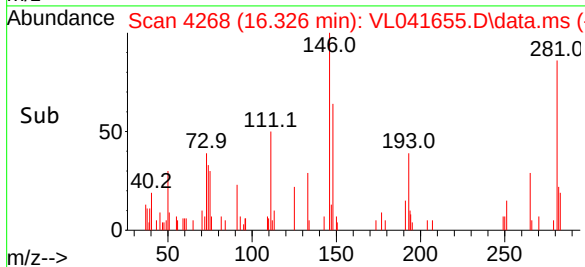
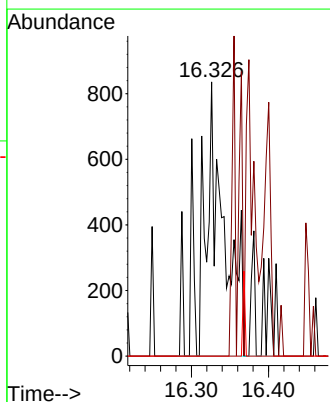
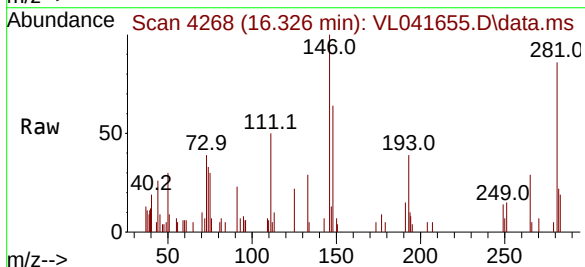
Manual Integrations
APPROVED

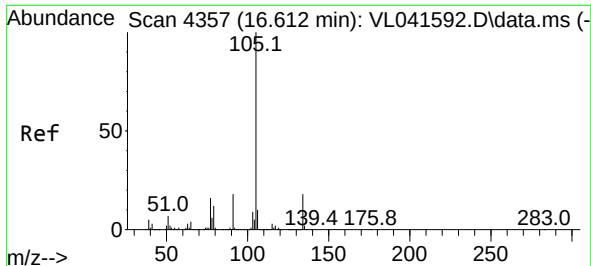
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#66
Benzyl Chloride
Concen: 0.118 ppbv m
RT: 16.326 min Scan# 4268
Delta R.T. 0.023 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

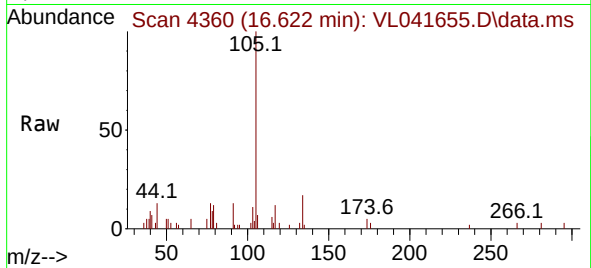
Tgt Ion: 91 Resp: 1878
Ion Ratio Lower Upper
91 100
126 0.0 15.4 23.2#
128 0.0 4.8 7.2#





#67
sec-Butylbenzene
Concen: 0.048 ppbv m
RT: 16.622 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

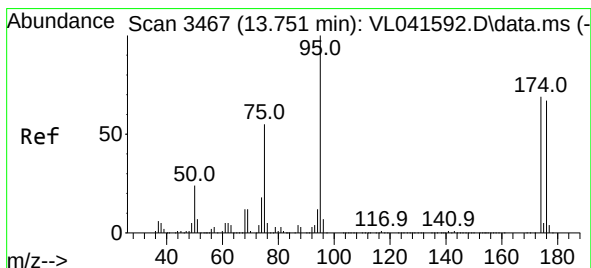
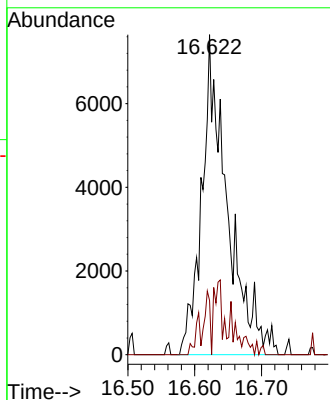
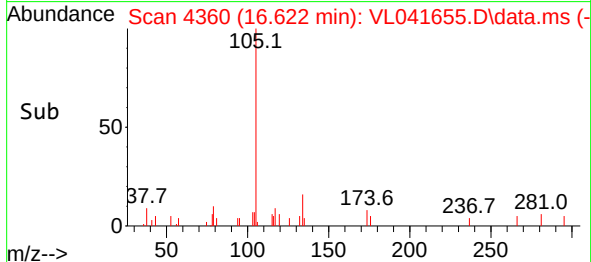
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:105 Resp: 2023
Ion Ratio Lower Upper
105 100
134 0.0 14.6 21.8

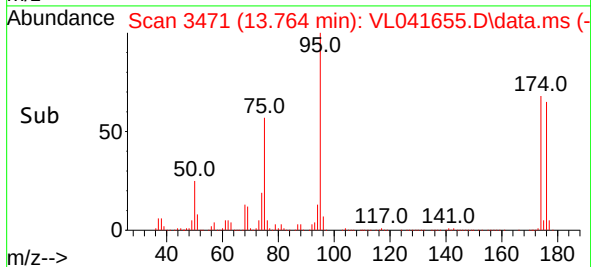
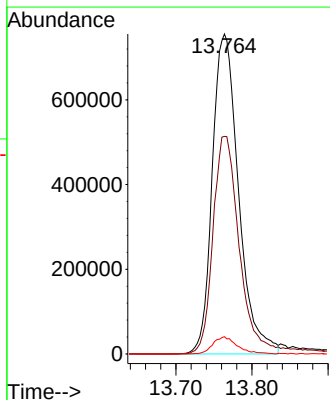
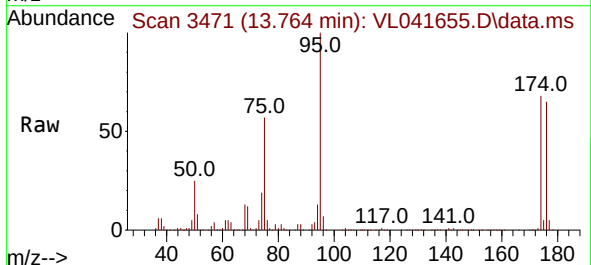
Manual Integrations
APPROVED

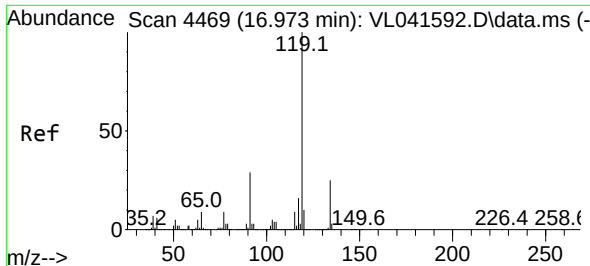
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.197 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. 0.013 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

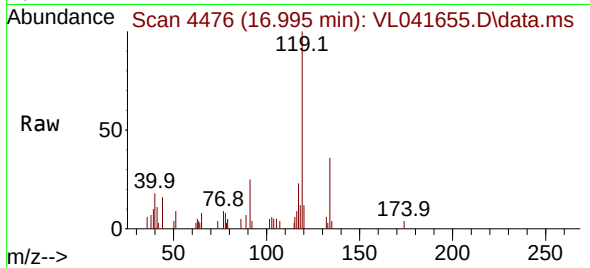
Tgt Ion: 95 Resp: 1812357
Ion Ratio Lower Upper
95 100
174 70.9 55.8 83.8
175 5.1 4.1 6.1





#69
p-Isopropyltoluene
Concen: 0.040 ppbv m
RT: 16.995 min Scan# 4469
Delta R.T. 0.023 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

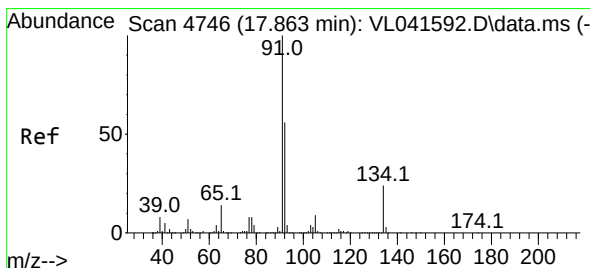
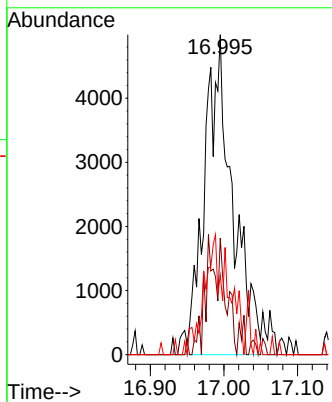
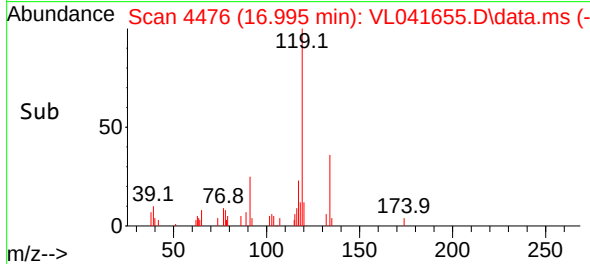
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:119 Resp: 1370
Ion Ratio Lower Upper
119 100
134 26.1 20.5 30.7
91 0.0 23.1 34.7

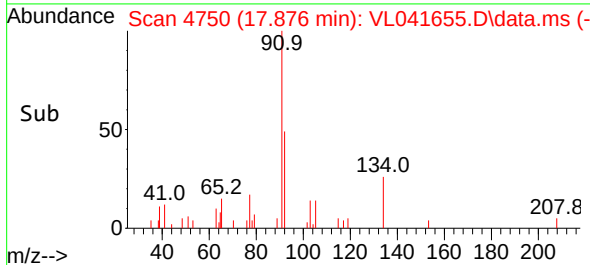
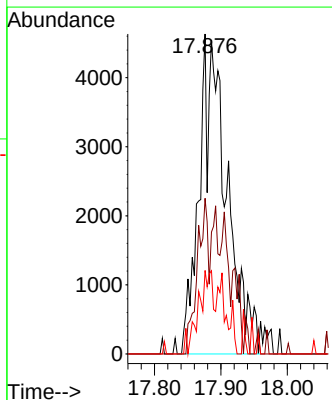
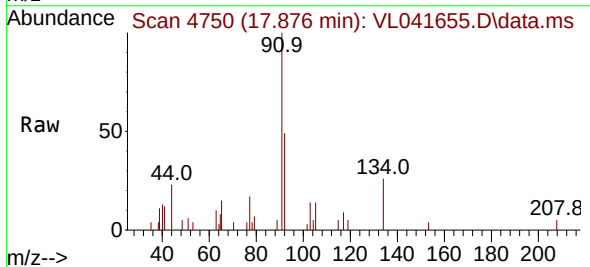
Manual Integrations
APPROVED

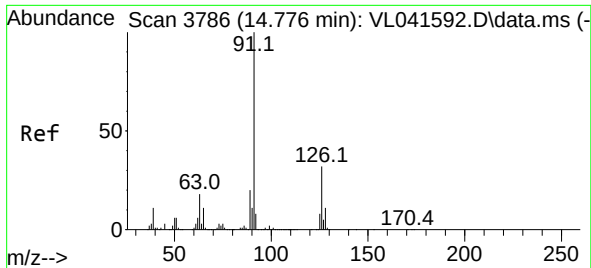
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#70
n-Butylbenzene
Concen: 0.038 ppbv m
RT: 17.876 min Scan# 4750
Delta R.T. 0.013 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

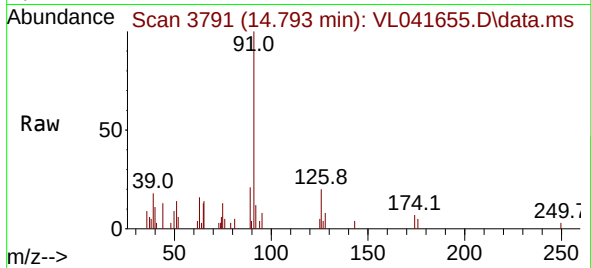
Tgt Ion: 91 Resp: 13684
Ion Ratio Lower Upper
91 100
92 49.3 43.2 64.8
134 22.1 18.6 27.8





#71
2-Chlorotoluene
Concen: 0.054 ppbv m
RT: 14.793 min Scan# 3786
Delta R.T. 0.016 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

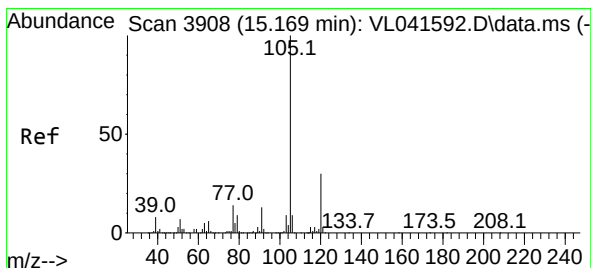
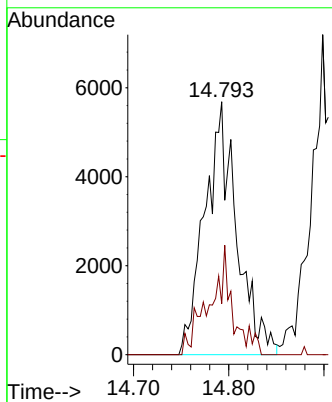
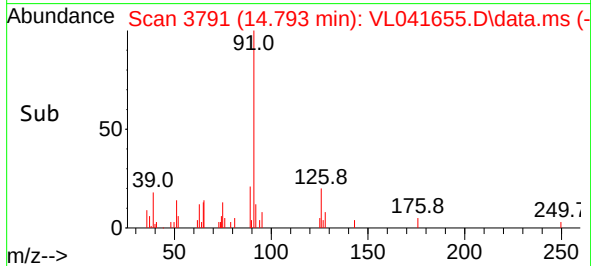
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 91 Resp: 13190
Ion Ratio Lower Upper
91 100
126 0.0 12.9 51.5

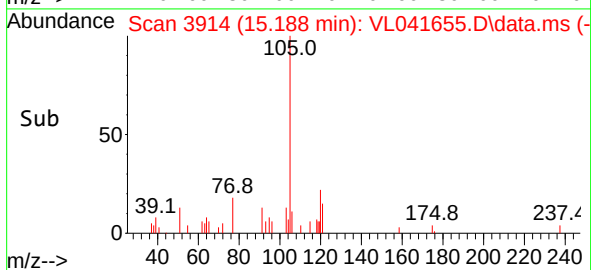
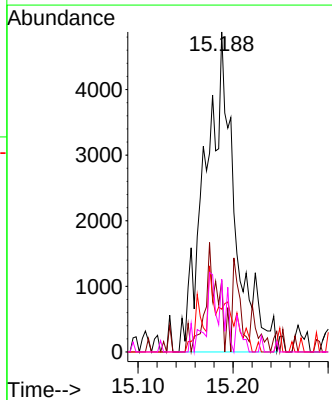
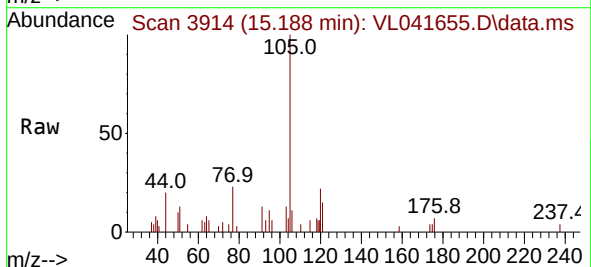
Manual Integrations
APPROVED

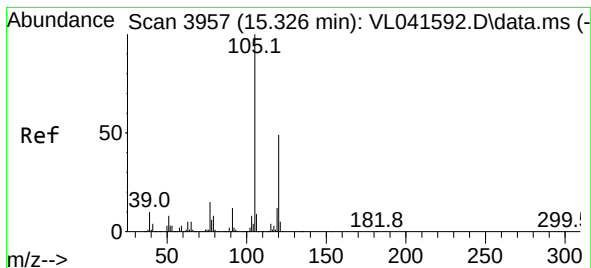
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#72
4-Ethyltoluene
Concen: 0.041 ppbv m
RT: 15.188 min Scan# 3914
Delta R.T. 0.019 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Tgt Ion:105 Resp: 10556
Ion Ratio Lower Upper
105 100
120 25.1 24.1 36.1
91 21.3 10.2 15.2#
77 16.2 10.9 16.3





#73

1,3,5-Trimethylbenzene

Concen: 0.042 ppbv m

RT: 15.346 min Scan# 3957

Delta R.T. 0.019 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024

Tgt Ion:105 Resp: 962

Ion Ratio Lower Upper

105 100

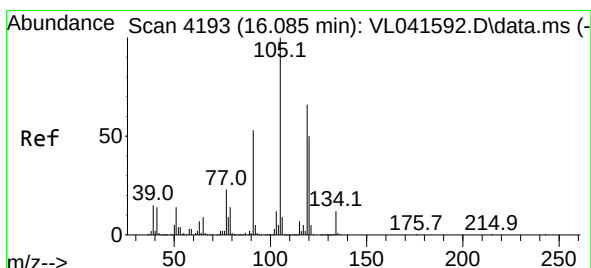
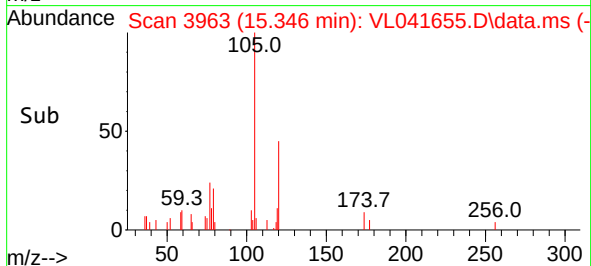
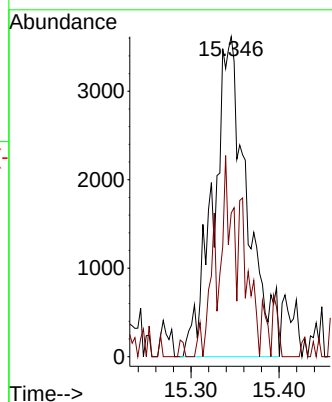
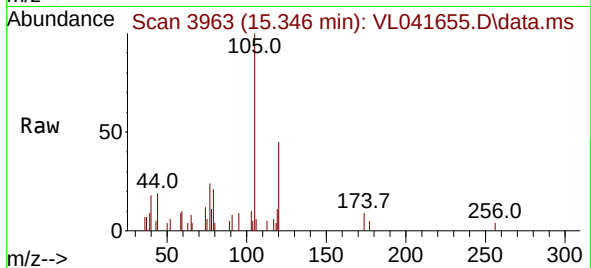
120 44.9 39.4 59.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.040 ppbv m

RT: 16.098 min Scan# 4197

Delta R.T. 0.013 min

Lab File: VL041655.D

Acq: 10 Oct 2024 23:19

Tgt Ion:105 Resp: 10674

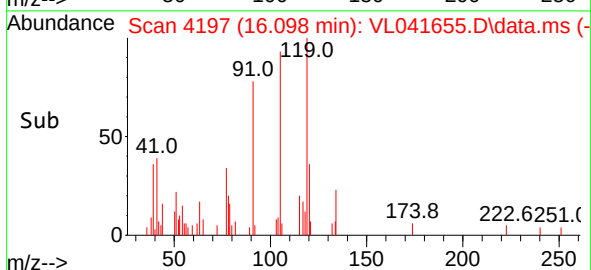
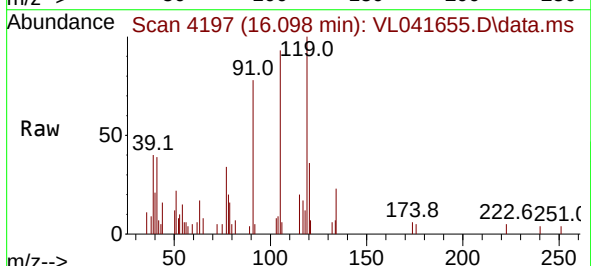
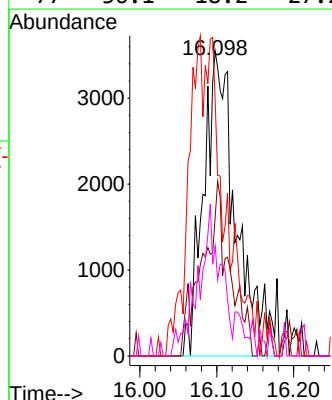
Ion Ratio Lower Upper

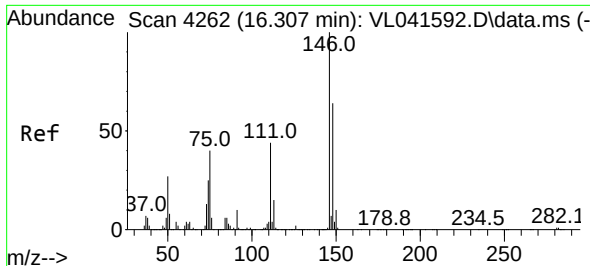
105 100

120 38.1 39.9 59.9#

91 83.1 42.6 63.8#

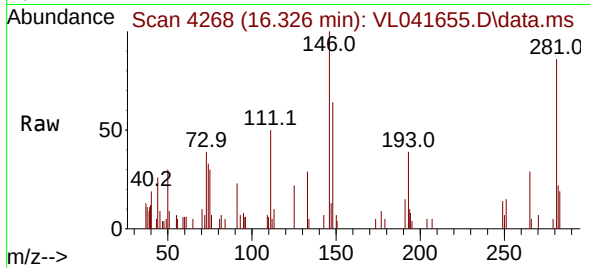
77 36.1 18.2 27.2#





#75
1,3-Dichlorobenzene
Concen: 0.065 ppbv m
RT: 16.326 min Scan# 4311
Delta R.T. 0.019 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

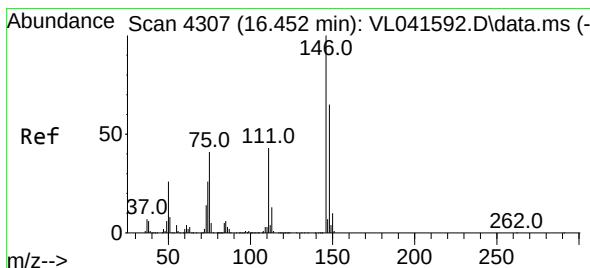
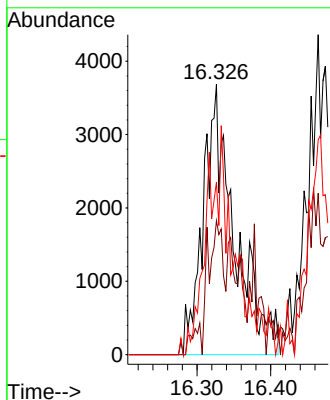
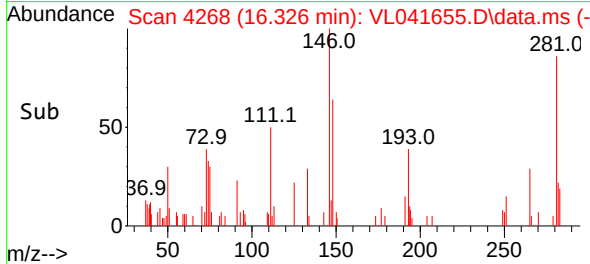
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



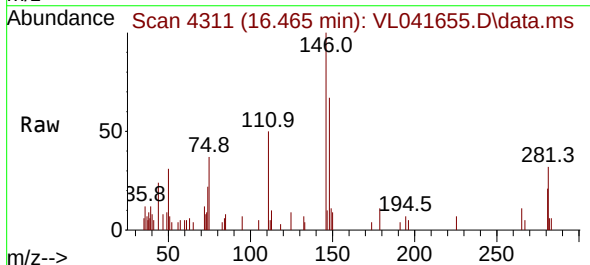
Tgt Ion:146 Resp: 10860
Ion Ratio Lower Upper
146 100
111 0.0 22.4 67.0
148 0.0 32.1 96.5

Manual Integrations
APPROVED

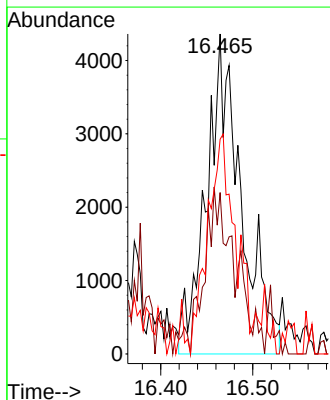
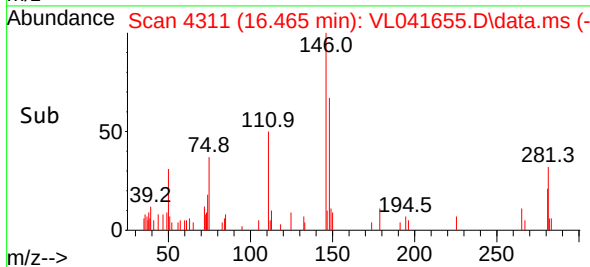
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

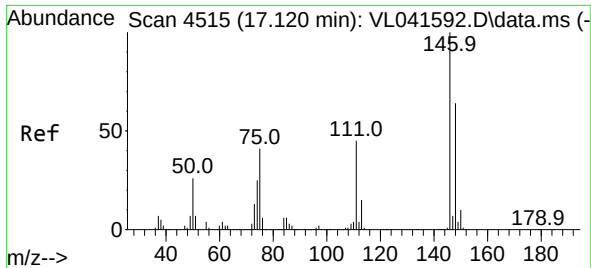


#76
1,4-Dichlorobenzene
Concen: 0.071 ppbv m
RT: 16.465 min Scan# 4311
Delta R.T. 0.013 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19



Tgt Ion:146 Resp: 11363
Ion Ratio Lower Upper
146 100
111 47.8 22.4 67.3
148 0.0 32.8 98.4





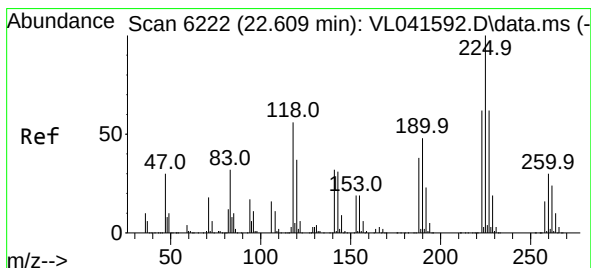
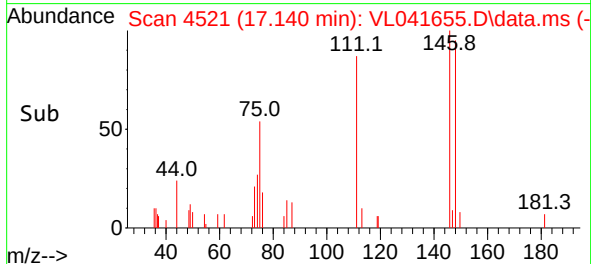
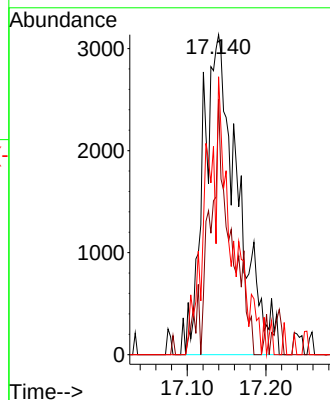
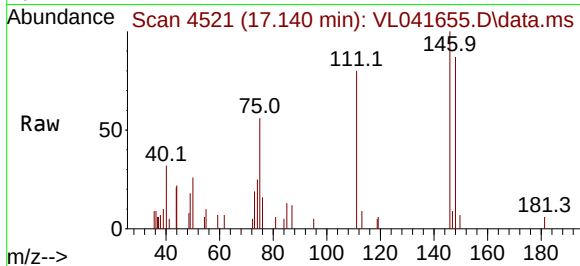
#77
1,2-Dichlorobenzene
Concen: 0.058 ppbv m
RT: 17.140 min Scan# 4515
Delta R.T. 0.019 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

Tgt Ion:146 Resp: 956
Ion Ratio Lower Upper
146 100
111 0.0 23.4 70.0
148 0.0 32.5 97.4

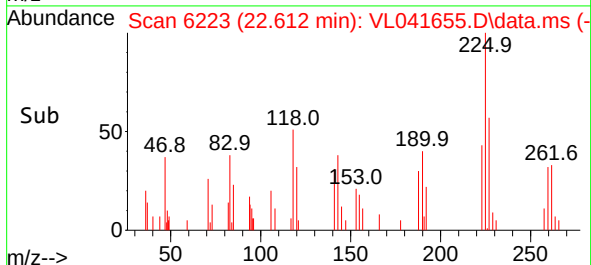
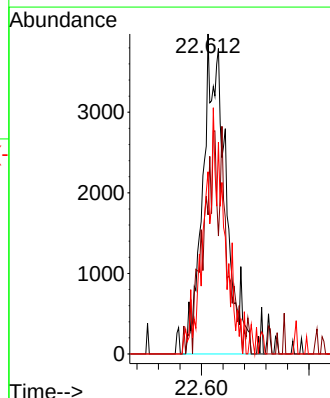
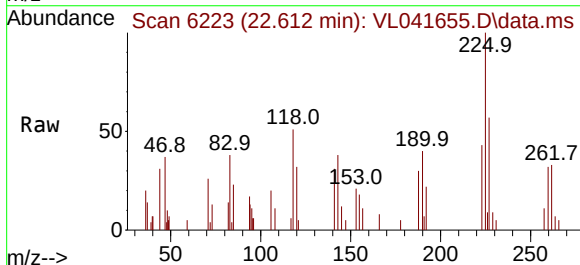
Manual Integrations
APPROVED

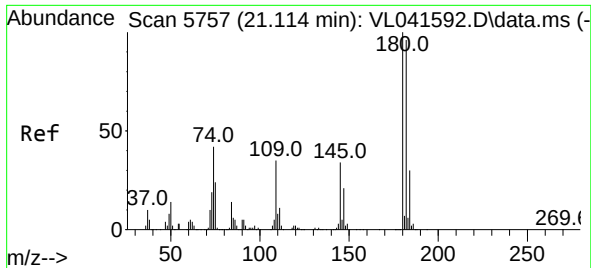
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#78
Hexachloro-1,3-Butadiene
Concen: 0.088 ppbv m
RT: 22.612 min Scan# 6223
Delta R.T. 0.003 min
Lab File: VL041655.D
Acq: 10 Oct 2024 23:19

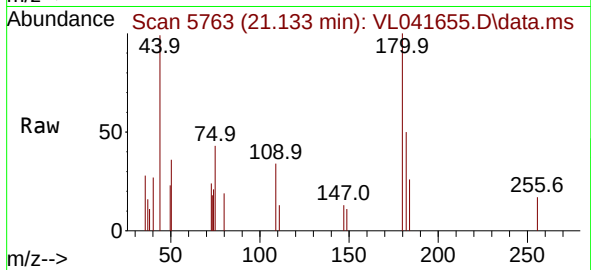
Tgt Ion:225 Resp: 11927
Ion Ratio Lower Upper
225 100
223 68.4 50.6 75.8
227 65.3 50.9 76.3





#81
 1,2,4-Trichlorobenzene
 Concen: 0.031 ppbv m
 RT: 21.133 min Scan# 51
 Delta R.T. 0.019 min
 Lab File: VL041655.D
 Acq: 10 Oct 2024 23:19

Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024



Tgt Ion:180 Resp: 390
 Ion Ratio Lower Upper
 180 100
 182 0.0 76.5 114.7
 184 0.0 24.7 37.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

