

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041654.D
 Acq On : 10 Oct 2024 22:40
 Operator : SY/MD
 Sample : P4368-13 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Oct 11 05:46:35 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	5.173	49	942215	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.636	114	2711705	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2441271	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1852386	10.308	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.100%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.706	85	78226	0.575	ppbv	100
3) Chlorodifluoromethane	2.652	51	53335	0.467	ppbv	98
4) Chloromethane	2.793	50	29662	0.472	ppbv	90
5) Vinyl Chloride	2.899	62	22849	0.420	ppbv	98
6) Bromomethane	3.102	94	11097	0.410	ppbv #	72
7) Chloroethane	3.176	64	9154	0.432	ppbv	100
8) Dichlorotetrafluoroethane	2.835	85	68708	0.481	ppbv	97
9) Propene	2.671	41	18052	0.374	ppbv	93
10) Heptane	7.565	43	32326	0.286	ppbv	92
11) Trichlorofluoromethane	3.542	101	62164	0.429	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.044	101	46790	0.446	ppbv	100
13) Ethanol	3.243	45	1037m	0.286	ppbv	
14) Bromoethene	3.346	108	15343	0.386	ppbv #	86
15) Acetone	3.469	43	62728	0.530	ppbv	94
16) 1,3-Butadiene	2.960	39	20223	0.351	ppbv	89
17) tert-Butyl alcohol	3.874	59	34418m	0.331	ppbv	
18) 1,1-Dichloroethene	3.861	96	19569	0.441	ppbv	85
19) Isopropyl Alcohol	3.584	45	16240	0.268	ppbv #	81
20) Methylene Chloride	3.912	84	21360	0.481	ppbv	88
21) Allyl Chloride	3.980	41	26400	0.385	ppbv #	83
22) trans-1,2-Dichloroethene	4.427	96	16625	0.375	ppbv	80
23) Vinyl Acetate	4.623	43	25968m	0.399	ppbv	
24) 1,1-Dichloroethane	4.542	63	41538	0.425	ppbv	99
25) Ethyl Acetate	5.198	43	77919	0.367	ppbv	96
26) Hexane	5.192	57	29034	0.328	ppbv #	72
27) Carbon Disulfide	4.112	76	31007m	0.329	ppbv	
28) Methyl tert-Butyl Ether	4.581	73	19429	0.356	ppbv	91
29) Chloroform	5.256	83	65275	0.450	ppbv	90
30) Cyclohexane	6.587	84	17987m	0.263	ppbv	
31) cis-1,2-Dichloroethene	5.060	61	27878	0.332	ppbv	92
32) 1,1,1-Trichloroethane	5.980	97	54807m	0.425	ppbv	
34) 2-Butanone	4.784	43	44097	0.341	ppbv	94
35) Carbon Tetrachloride	6.472	117	55174m	0.415	ppbv	
36) Benzene	6.349	78	58855	0.313	ppbv	99
37) 1,2-Dichloroethane	5.793	62	41636	0.381	ppbv	97
38) Trichloroethene	7.272	130	32925	0.339	ppbv	92
39) 1,2-Dichloropropane	7.060	63	26587	0.347	ppbv	93
40) 1,4-Dioxane	7.327	88	4287m	0.148	ppbv	
41) Tetrahydrofuran	5.571	42	20029m	0.281	ppbv	
42) Bromodichloromethane	7.230	83	53894	0.355	ppbv #	99
43) Methyl Methacrylate	7.468	69	15436	0.229	ppbv	88
44) 2,2,4-Trimethylpentane	7.314	57	95092	0.292	ppbv #	82
45) t-1,3-Dichloropropene	8.703	75	10735m	0.198	ppbv	

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Instrument :
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Manual Integrations
 APPROVED

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 Supervised By :Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 05:46:35 2024

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

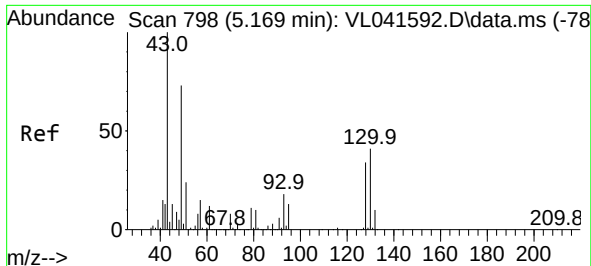
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

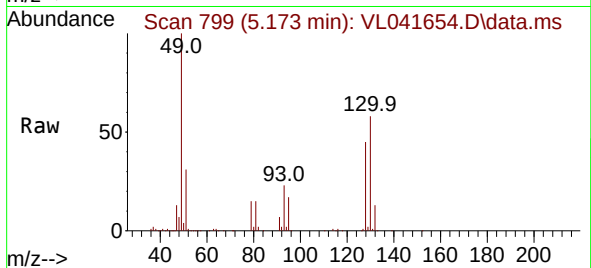
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	19462m	0.244	ppbv	
47) 1,1,2-Trichloroethane	8.886	97	29383m	0.361	ppbv	
48) Dibromochloromethane	9.697	129	37408	0.304	ppbv	94
49) Bromoform	12.391	173	29849m	0.282	ppbv	
50) 4-Methyl-2-Pentanone	8.195	43	52245m	0.262	ppbv	
51) 2-Hexanone	9.568	43	35258m	0.233	ppbv	
52) Tetrachloroethene	10.603	164	21974	0.322	ppbv	91
53) Toluene	9.208	91	47465	0.237	ppbv	98
54) 1,2-Dibromoethane	9.989	107	32435m	0.324	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.497	131	39324	0.413	ppbv #	1
57) Chlorobenzene	11.513	112	73880	0.420	ppbv	97
58) Ethyl Benzene	12.076	91	65207	0.250	ppbv	100
59) m/p-Xylene	12.365	91	126659m	0.545	ppbv	
60) o-Xylene	13.047	91	55496	0.249	ppbv	98
61) Styrene	12.886	104	18560m	0.199	ppbv	
62) Isopropylbenzene	14.015	105	109826	0.325	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.040	83	47700	0.418	ppbv	90
64) n-propylbenzene	14.899	120	24654m	0.283	ppbv	
65) tert-Butylbenzene	16.085	119	88296	0.285	ppbv	93
66) Benzyl Chloride	16.323	91	6363m	0.395	ppbv	
67) sec-Butylbenzene	16.632	105	120368	0.280	ppbv	99
69) p-Isopropyltoluene	16.986	119	86675	0.249	ppbv	93
70) n-Butylbenzene	17.876	91	97171m	0.267	ppbv	
71) 2-Chlorotoluene	14.790	91	66818	0.269	ppbv	94
72) 4-Ethyltoluene	15.182	105	65404m	0.251	ppbv	
73) 1,3,5-Trimethylbenzene	15.339	105	56955	0.247	ppbv	89
74) 1,2,4-Trimethylbenzene	16.101	105	76426	0.284	ppbv #	87
75) 1,3-Dichlorobenzene	16.323	146	58010m	0.344	ppbv	
76) 1,4-Dichlorobenzene	16.462	146	56423m	0.349	ppbv	
77) 1,2-Dichlorobenzene	17.134	146	56981	0.342	ppbv	94
78) Hexachloro-1,3-Butadiene	22.625	225	53514m	0.389	ppbv	
79) Naphthalene	21.384	128	27711m	0.140	ppbv	
80) Naphthalene,2-methyl-	24.432	142	8034m	0.058	ppbv	
81) 1,2,4-Trichlorobenzene	21.140	180	22147m	0.176	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 79
Delta R.T. 0.004 min
Lab File: VL041654.D
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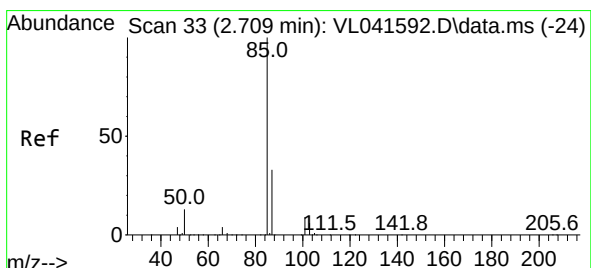
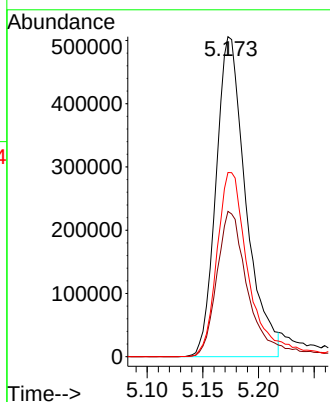
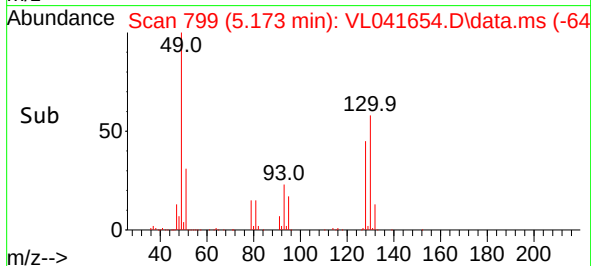
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 49 Resp: 942215
Ion Ratio Lower Upper
49 100
128 50.2 23.8 71.5
130 63.4 30.4 91.3

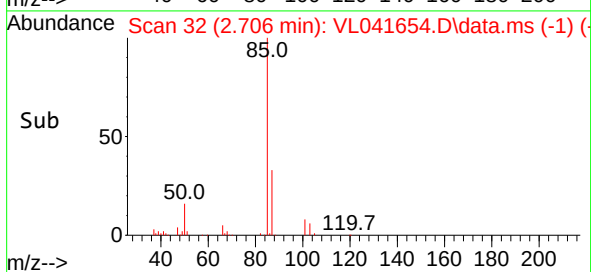
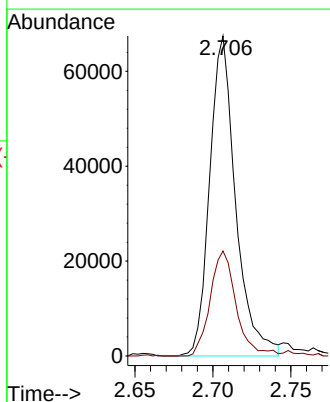
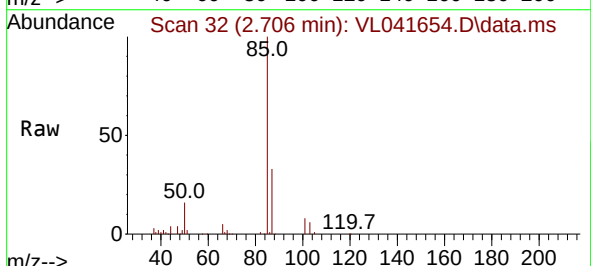
Manual Integrations
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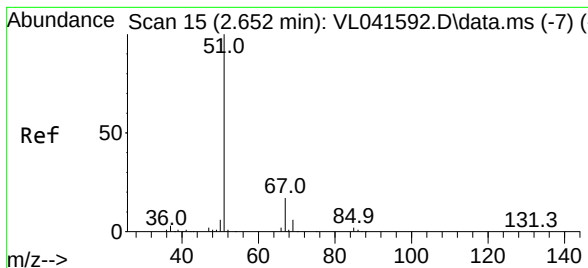
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#2
Dichlorodifluoromethane
Concen: 0.575 ppbv
RT: 2.706 min Scan# 32
Delta R.T. -0.003 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

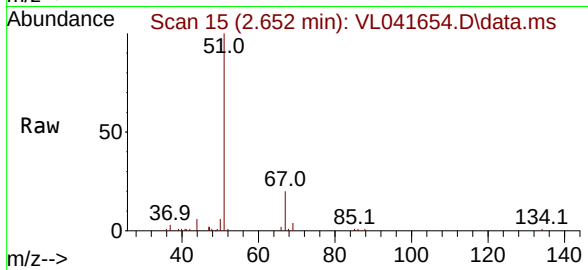
Tgt Ion: 85 Resp: 78226
Ion Ratio Lower Upper
85 100
87 32.8 26.3 39.5





#3
Chlorodifluoromethane
Concen: 0.467 ppbv
RT: 2.652 min Scan# 15
Delta R.T. 0.000 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

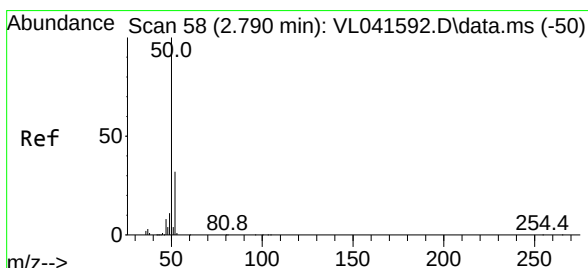
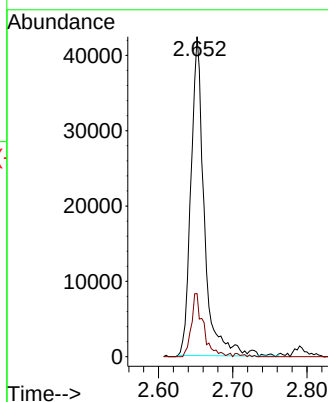
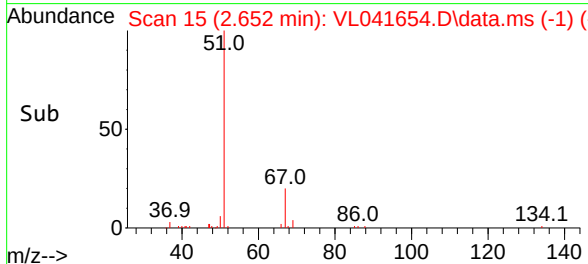
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 51 Resp: 5333
Ion Ratio Lower Upper
51 100
67 18.6 14.1 21.1

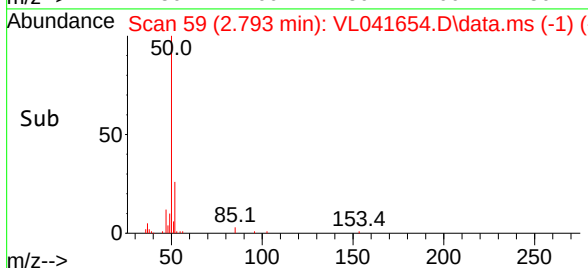
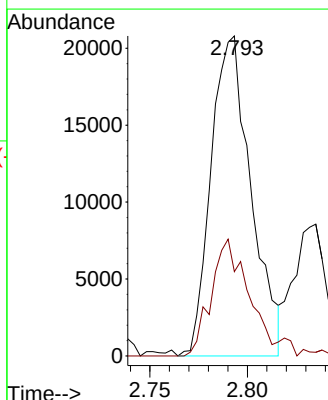
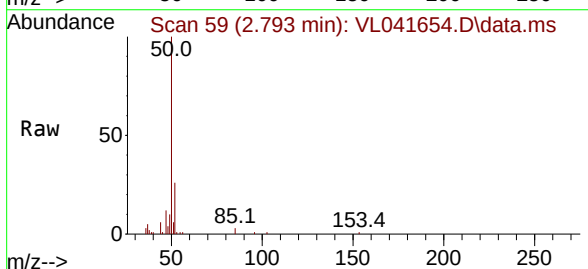
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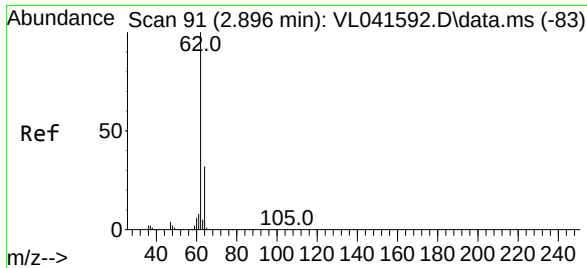
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#4
Chloromethane
Concen: 0.472 ppbv
RT: 2.793 min Scan# 59
Delta R.T. 0.003 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

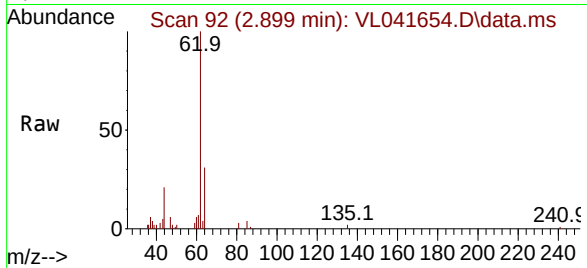
Tgt Ion: 50 Resp: 29662
Ion Ratio Lower Upper
50 100
52 26.4 25.4 38.2





#5
 Vinyl Chloride
 Concen: 0.420 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

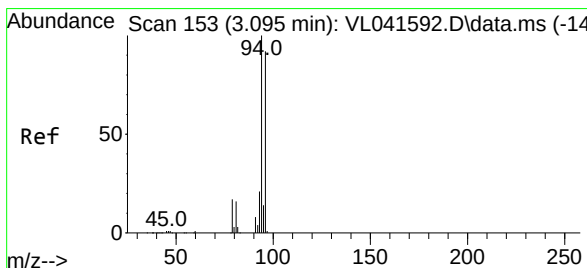
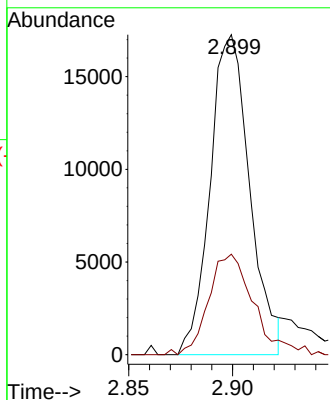
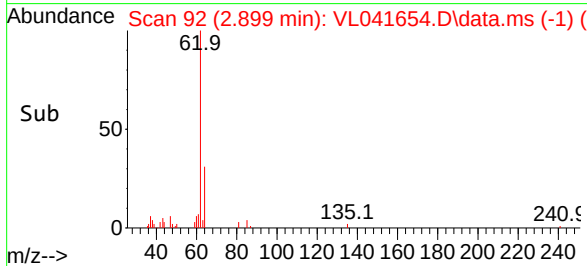
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 62 Resp: 22849
 Ion Ratio Lower Upper
 62 100
 64 31.4 26.0 39.0

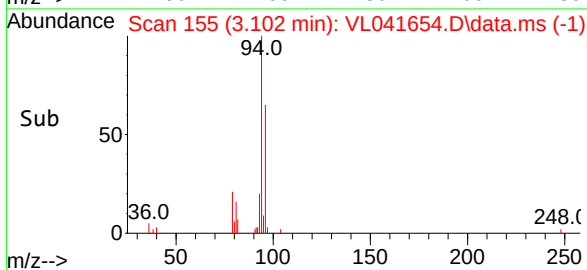
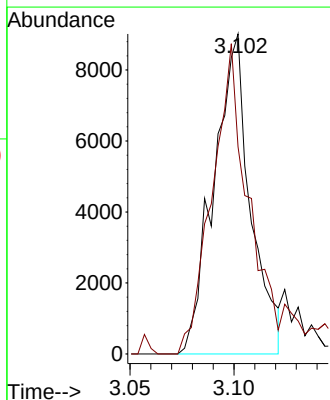
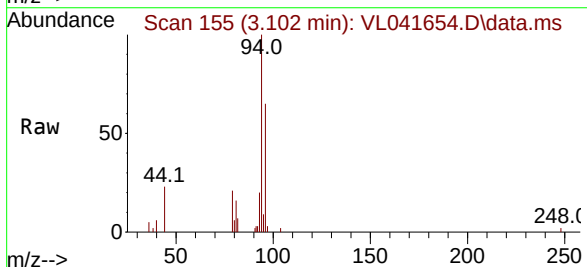
Manual Integrations
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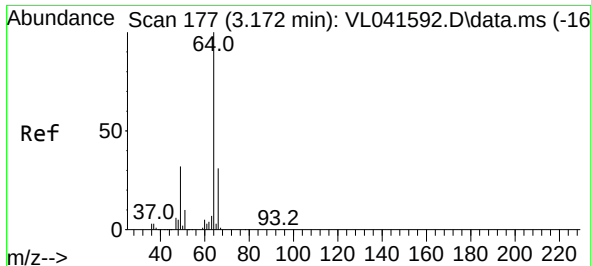
Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#6
 Bromomethane
 Concen: 0.410 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. 0.007 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

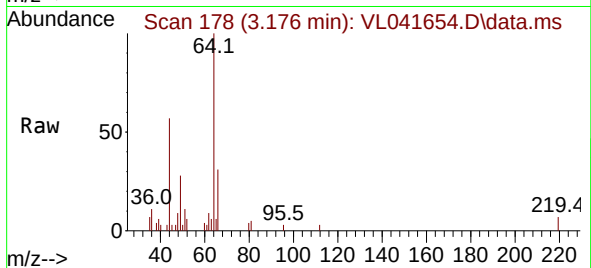
Tgt Ion: 94 Resp: 11097
 Ion Ratio Lower Upper
 94 100
 96 64.7 73.4 110.2





#7
Chloroethane
Concen: 0.432 ppbv
RT: 3.176 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

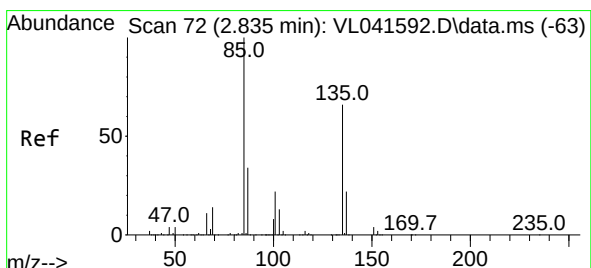
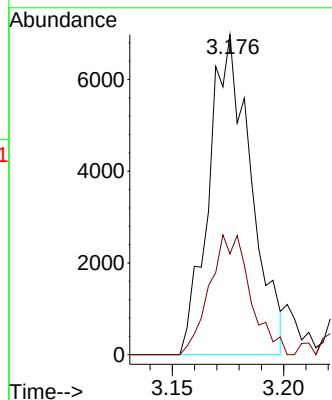
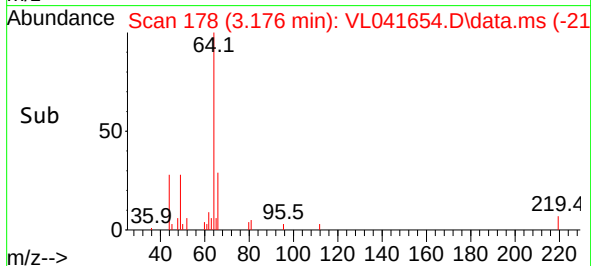
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 64 Resp: 9154
Ion Ratio Lower Upper
64 100
66 31.5 25.1 37.7

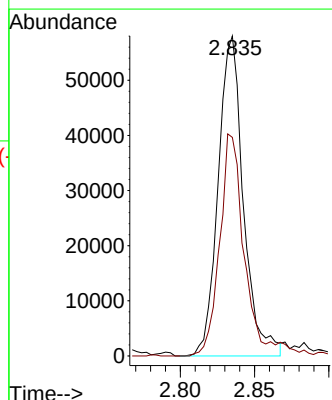
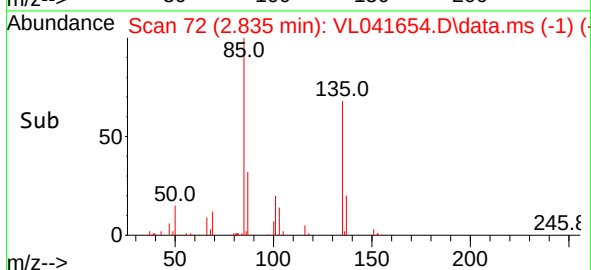
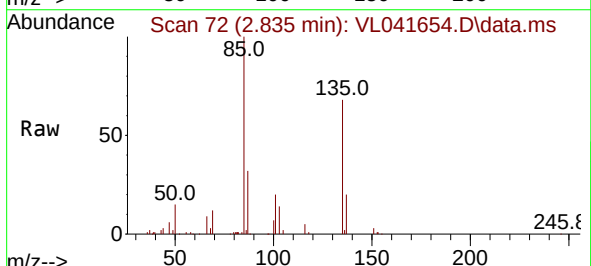
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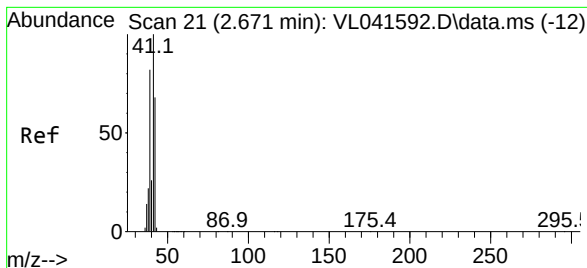
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#8
Dichlorotetrafluoroethane
Concen: 0.481 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.000 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

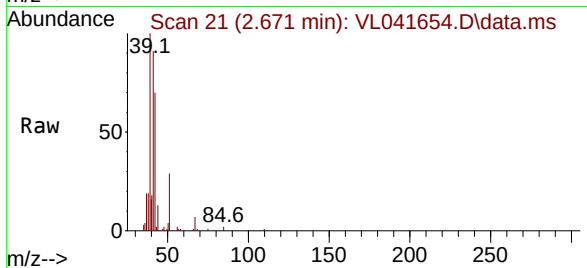
Tgt Ion: 85 Resp: 68708
Ion Ratio Lower Upper
85 100
135 69.8 53.9 80.9





#9
 Propene
 Concen: 0.374 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

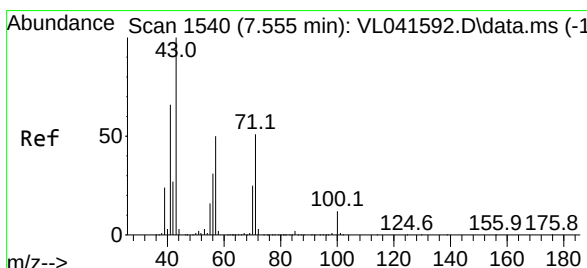
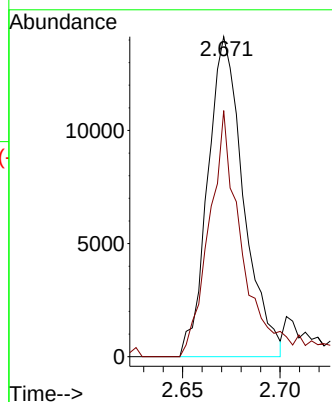
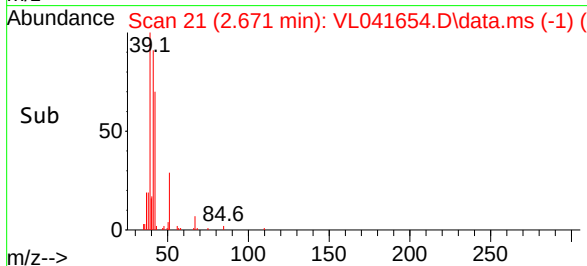
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 41 Resp: 1805
 Ion Ratio Lower Upper
 41 100
 42 74.5 55.2 82.8

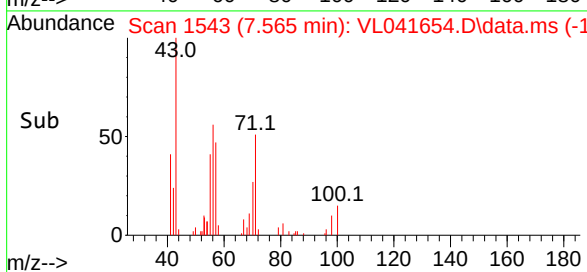
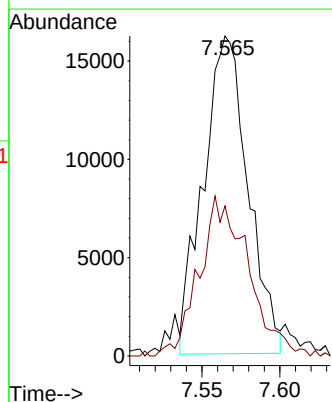
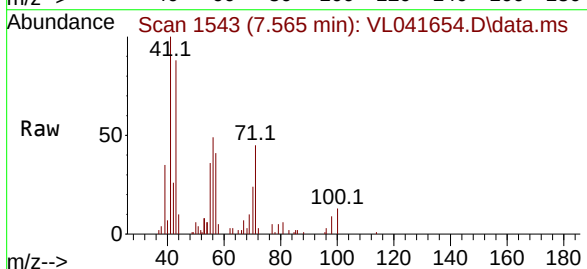
Manual Integrations
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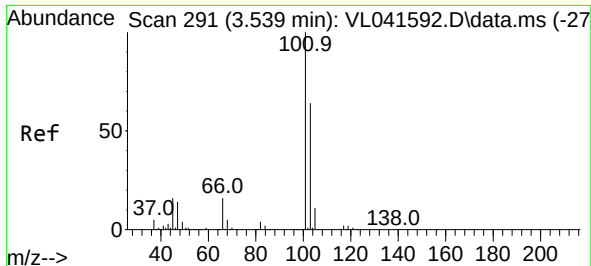
Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#10
 Heptane
 Concen: 0.286 ppbv
 RT: 7.565 min Scan# 1543
 Delta R.T. 0.010 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

Tgt Ion: 43 Resp: 32326
 Ion Ratio Lower Upper
 43 100
 57 55.1 39.8 59.8





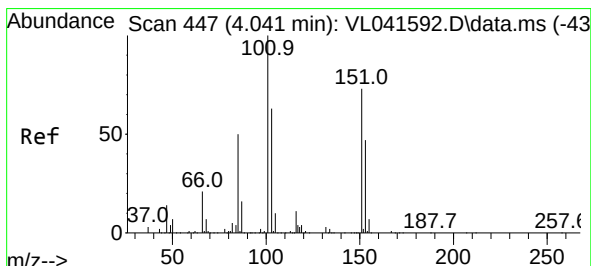
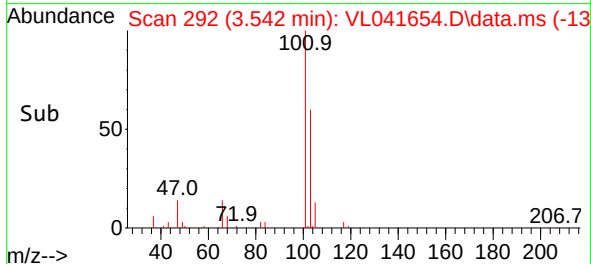
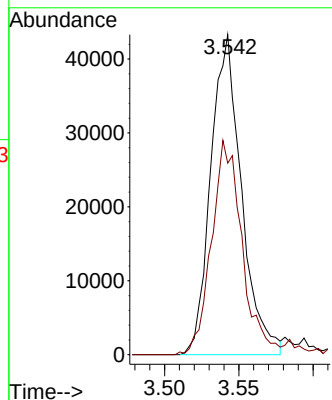
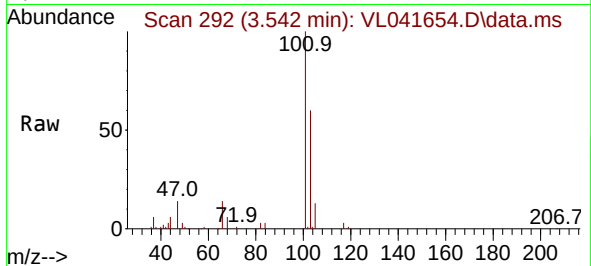
#11
 Trichlorofluoromethane
 Concen: 0.429 ppbv
 RT: 3.542 min Scan# 291
 Delta R.T. 0.003 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

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

Tgt Ion:101 Resp: 62164
 Ion Ratio Lower Upper
 101 100
 103 59.0 51.2 76.8

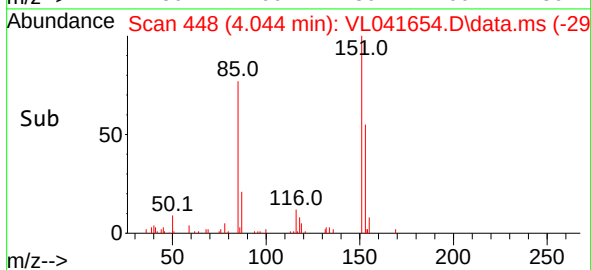
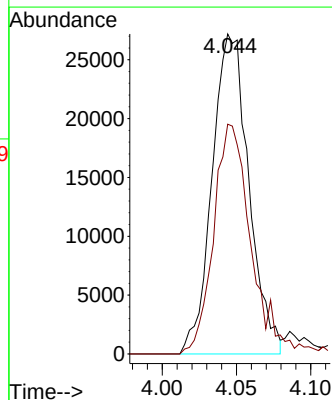
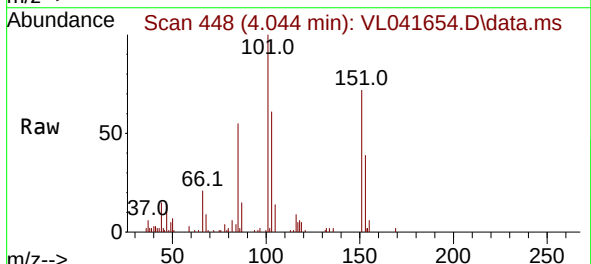
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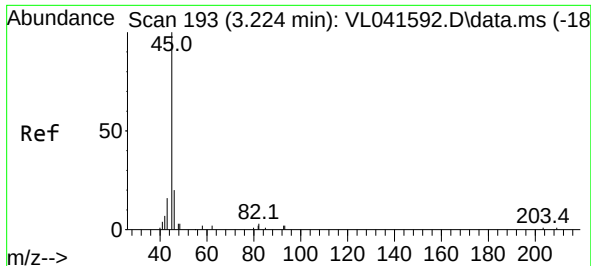
Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.446 ppbv
 RT: 4.044 min Scan# 448
 Delta R.T. 0.003 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

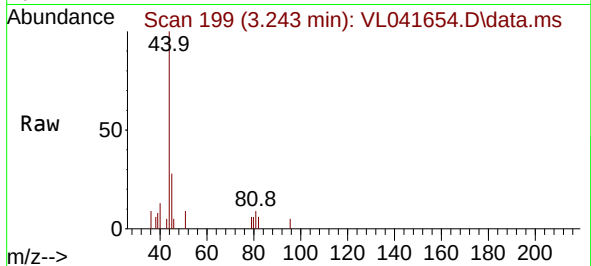
Tgt Ion:101 Resp: 46790
 Ion Ratio Lower Upper
 101 100
 151 74.5 59.4 89.2





#13
Ethanol
Concen: 0.286 ppbv m
RT: 3.243 min Scan# 193
Delta R.T. 0.020 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

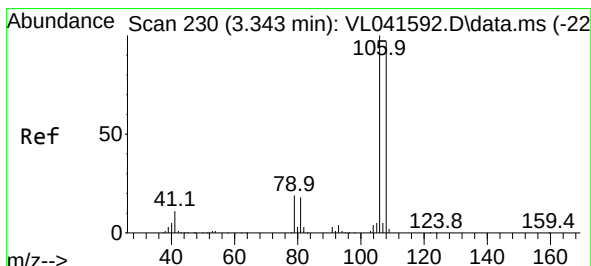
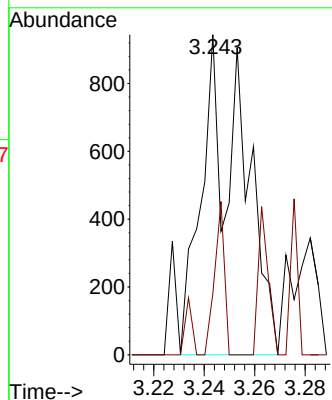
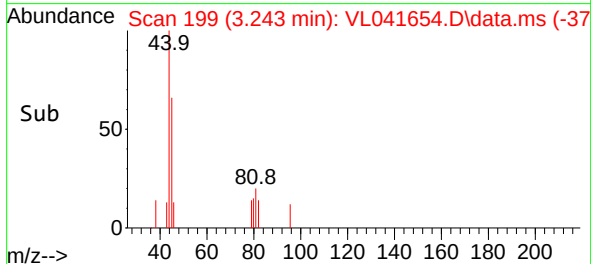
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 45 Resp: 103
Ion Ratio Lower Upper
45 100
46 14.9 15.2 60.8

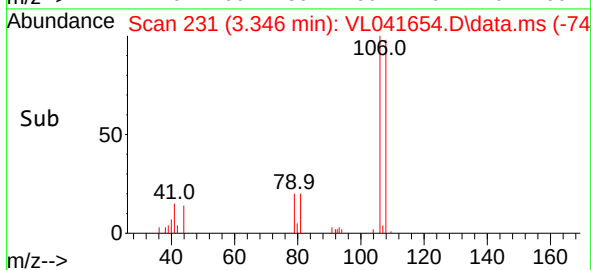
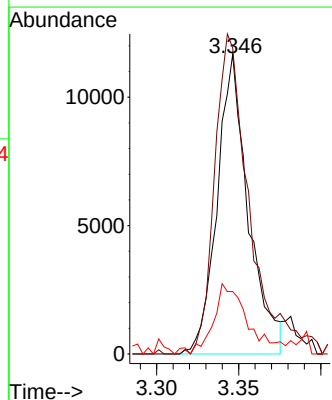
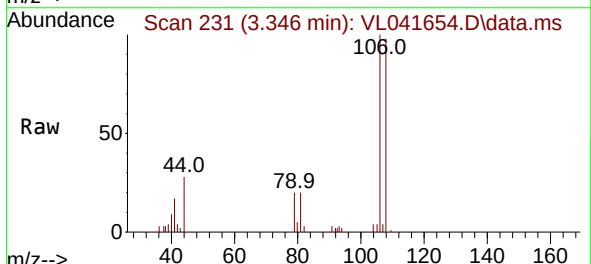
Manual Integrations
APPROVED

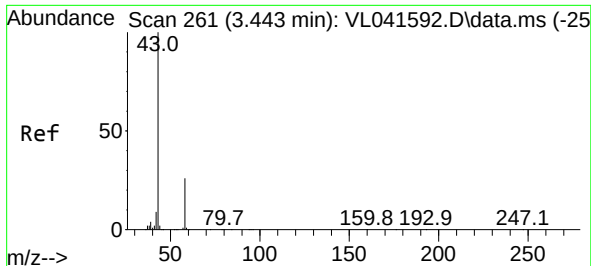
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#14
Bromoethene
Concen: 0.386 ppbv
RT: 3.346 min Scan# 231
Delta R.T. 0.003 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion:108 Resp: 15343
Ion Ratio Lower Upper
108 100
106 121.5 86.5 129.7
79 30.4 16.2 24.4





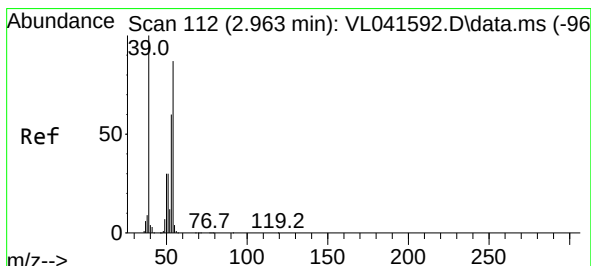
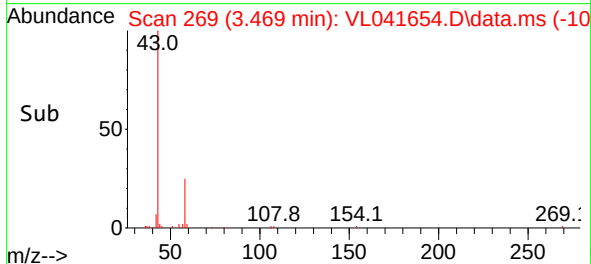
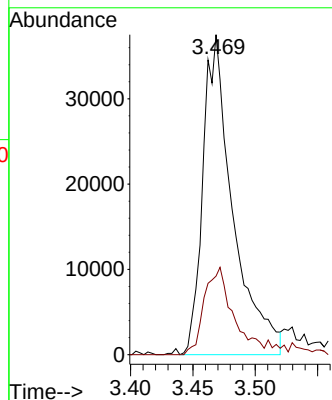
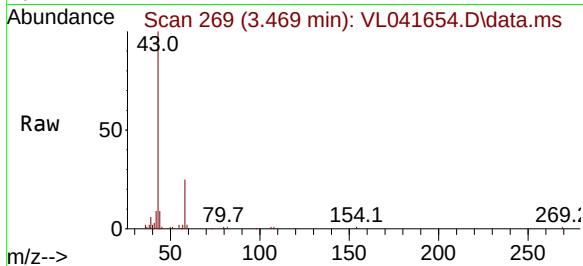
#15
Acetone
Concen: 0.530 ppbv
RT: 3.469 min Scan# 20
Delta R.T. 0.026 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

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

Tgt Ion: 43 Resp: 62728
Ion Ratio Lower Upper
43 100
58 29.8 21.5 32.3

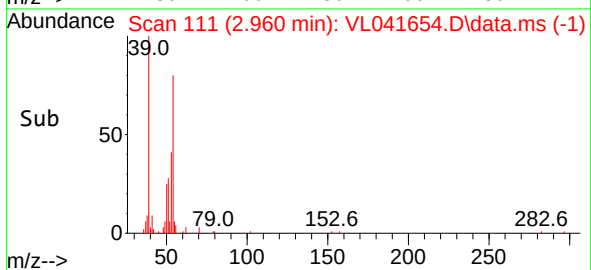
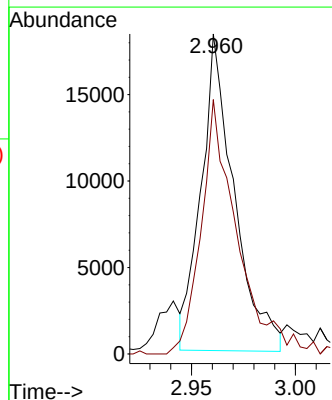
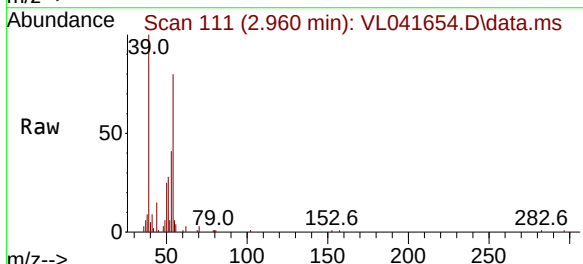
Manual Integrations
APPROVED

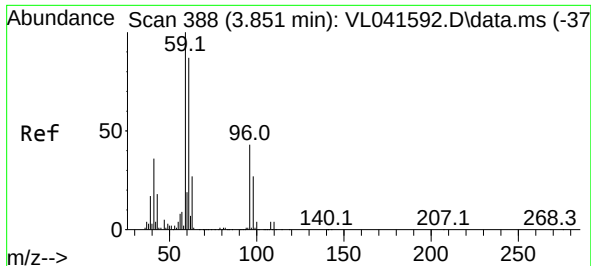
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#16
1,3-Butadiene
Concen: 0.351 ppbv
RT: 2.960 min Scan# 111
Delta R.T. -0.003 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion: 39 Resp: 20223
Ion Ratio Lower Upper
39 100
54 88.1 62.9 94.3





#17

tert-Butyl alcohol

Concen: 0.331 ppbv m

RT: 3.874 min Scan# 391

Delta R.T. 0.023 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 59 Resp: 34418

Ion Ratio Lower Upper

59 100

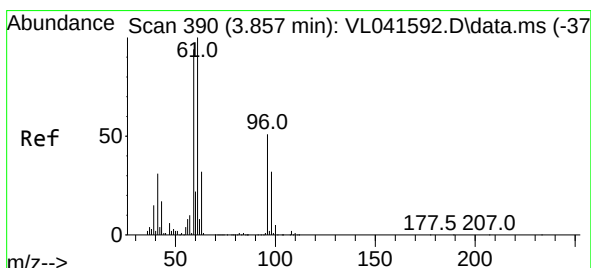
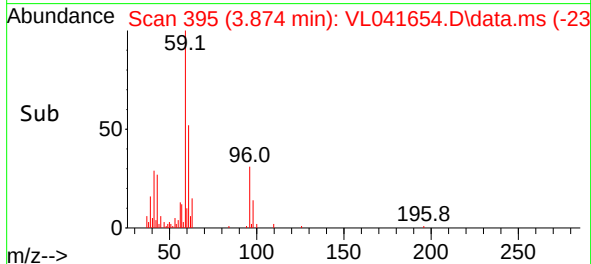
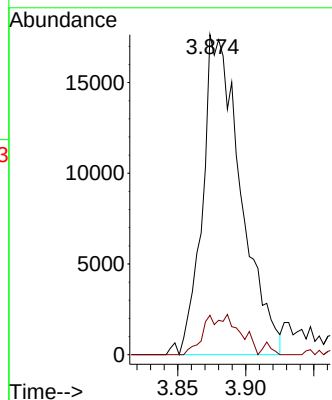
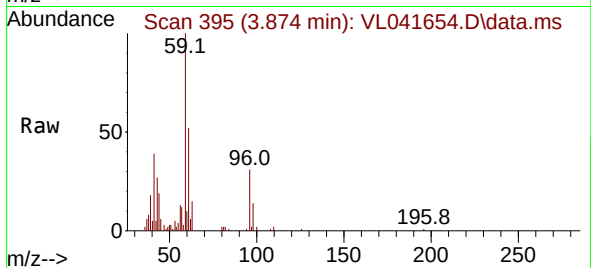
57 0.0 8.7 13.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#18

1,1-Dichloroethene

Concen: 0.441 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.003 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

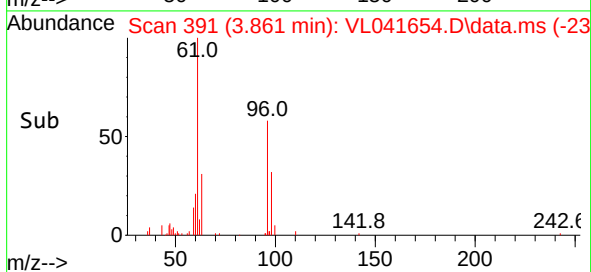
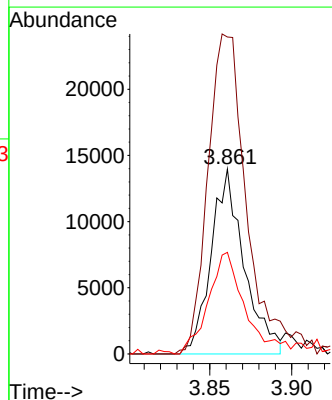
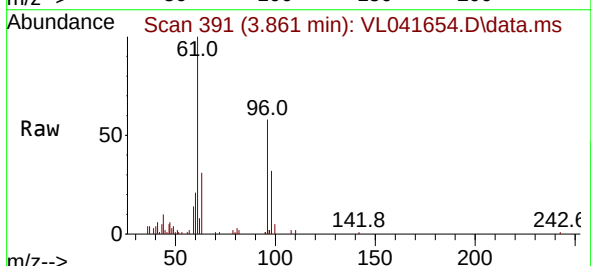
Tgt Ion: 96 Resp: 19569

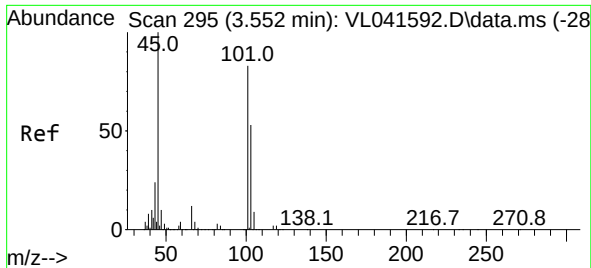
Ion Ratio Lower Upper

96 100

61 169.3 155.6 233.4

98 54.9 50.6 75.8





#19

Isopropyl Alcohol

Concen: 0.268 ppbv

RT: 3.584 min Scan# 305

Delta R.T. 0.032 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

ClientSampleId :

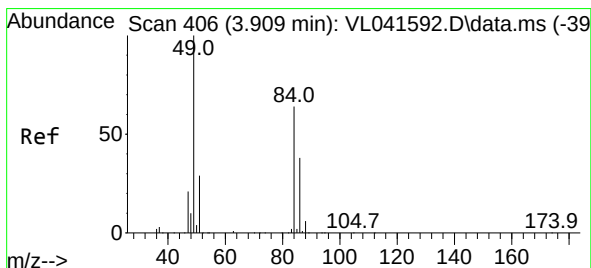
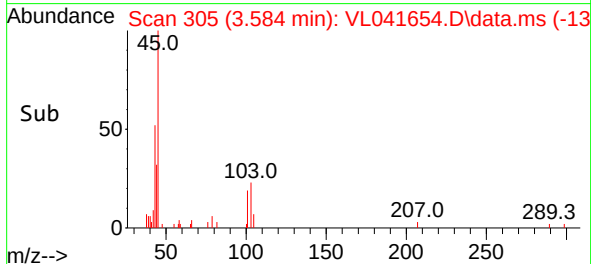
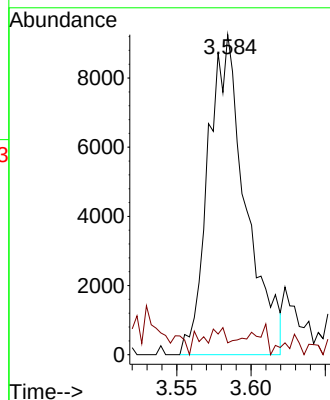
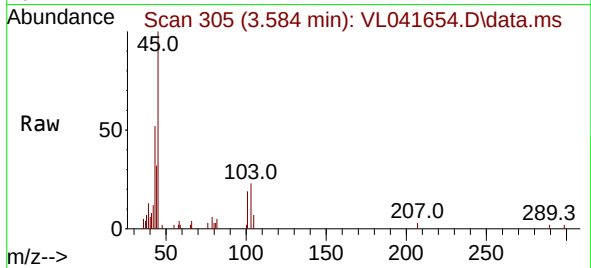
LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 45 Resp: 16240
 Ion Ratio Lower Upper
 45 100
 58 9.1 2.1 3.1

Manual Integrations

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



#20

Methylene Chloride

Concen: 0.481 ppbv

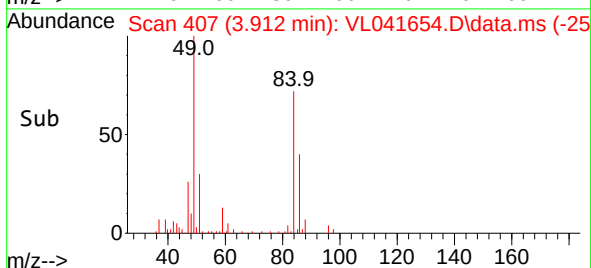
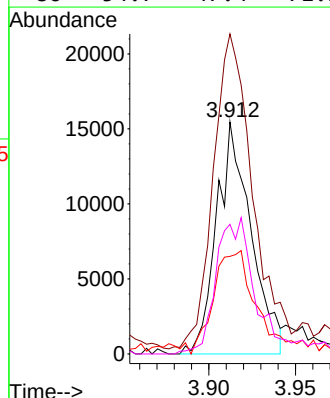
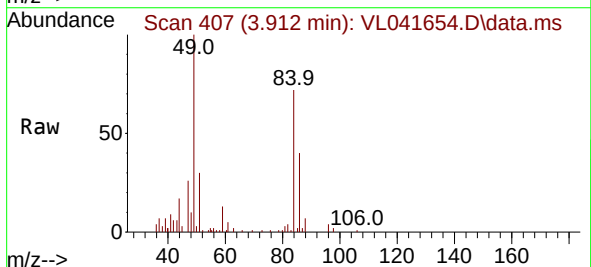
RT: 3.912 min Scan# 407

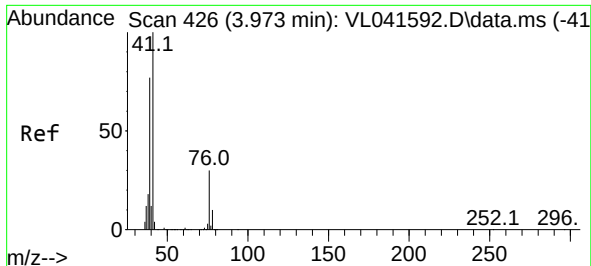
Delta R.T. 0.003 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

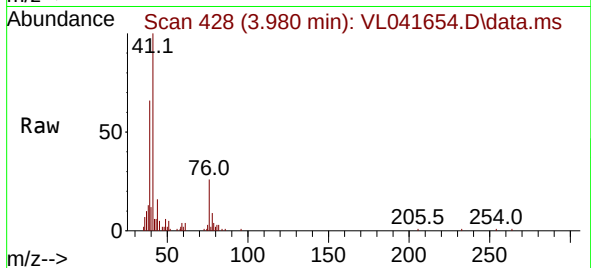
Tgt Ion: 84 Resp: 21360
 Ion Ratio Lower Upper
 84 100
 49 135.1 124.3 186.5
 51 39.9 36.3 54.5
 86 54.7 47.4 71.2





#21
 Allyl Chloride
 Concen: 0.385 ppbv
 RT: 3.980 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

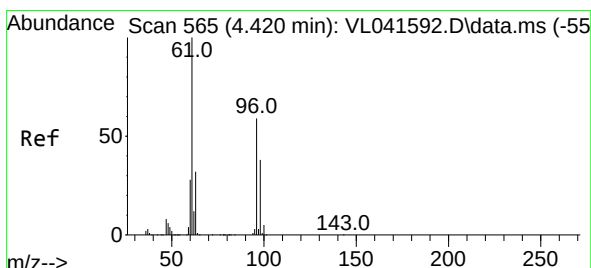
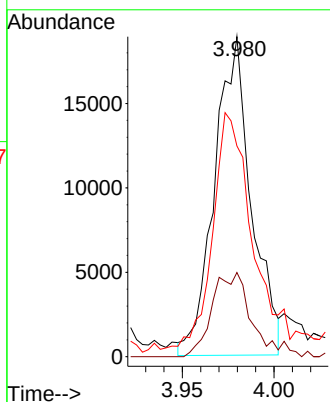
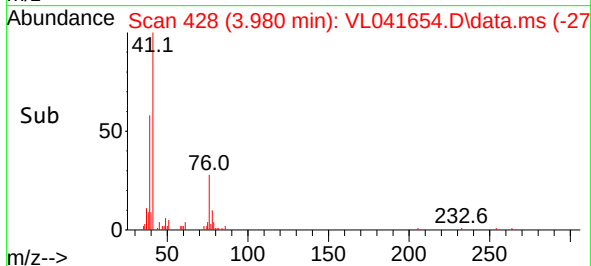
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 41 Resp: 26400
 Ion Ratio Lower Upper
 41 100
 76 28.5 23.8 35.6
 39 99.7 63.9 95.9

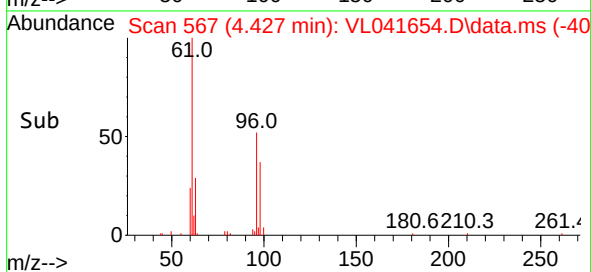
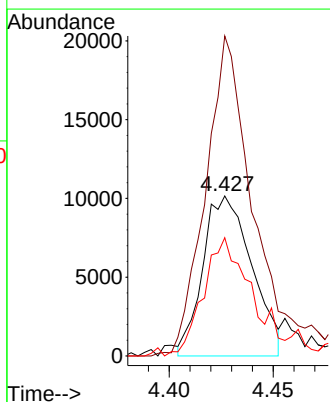
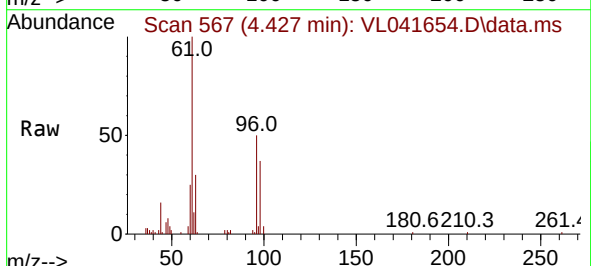
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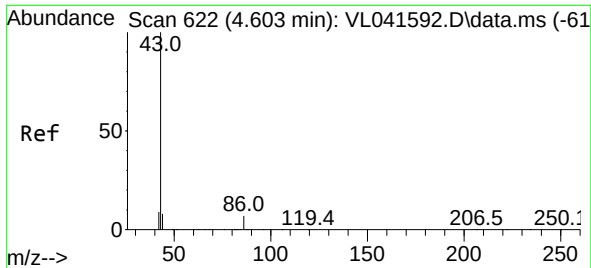
Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#22
 trans-1,2-Dichloroethene
 Concen: 0.375 ppbv
 RT: 4.427 min Scan# 567
 Delta R.T. 0.007 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

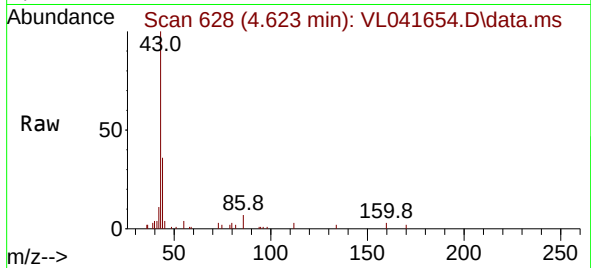
Tgt Ion: 96 Resp: 16625
 Ion Ratio Lower Upper
 96 100
 61 199.9 135.7 203.5
 98 75.8 50.9 76.3





#23
 Vinyl Acetate
 Concen: 0.399 ppbv m
 RT: 4.623 min Scan# 61
 Delta R.T. 0.020 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

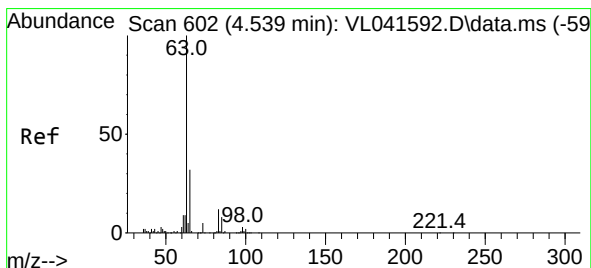
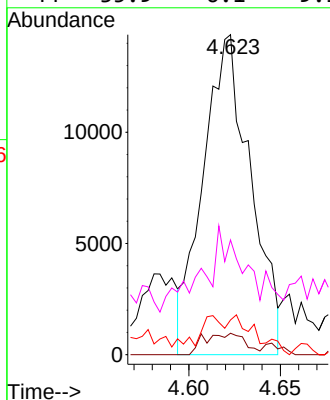
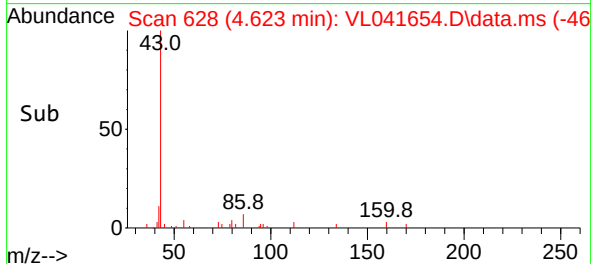
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 43 Resp: 2596
 Ion Ratio Lower Upper
 43 100
 86 6.7 4.9 7.3
 42 10.8 8.0 12.0
 44 35.9 6.1 9.1#

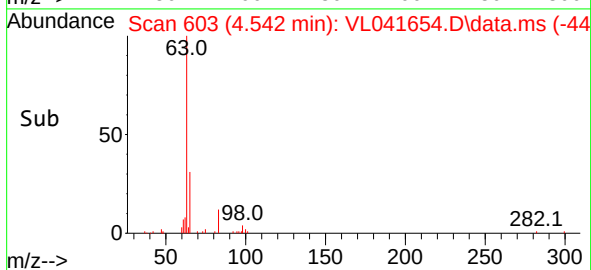
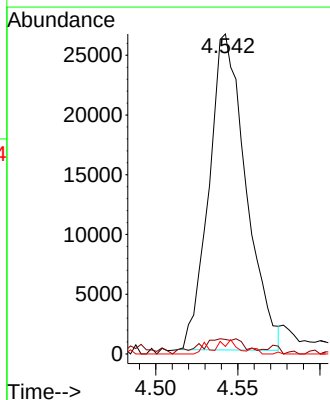
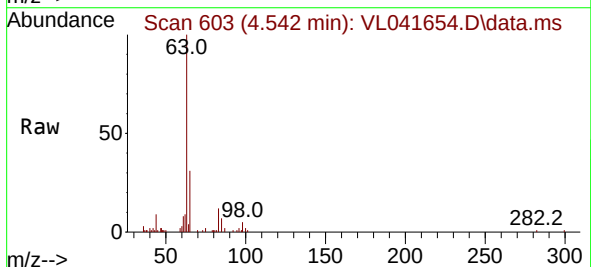
Manual Integrations
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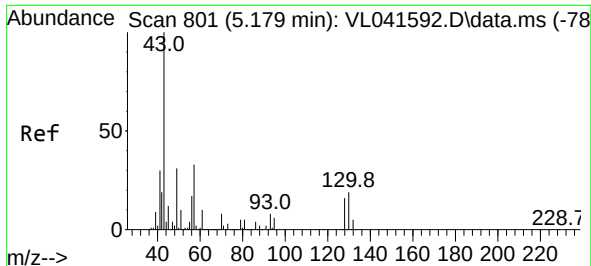
Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#24
 1,1-Dichloroethane
 Concen: 0.425 ppbv
 RT: 4.542 min Scan# 603
 Delta R.T. 0.003 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

Tgt Ion: 63 Resp: 41538
 Ion Ratio Lower Upper
 63 100
 98 3.2 1.7 5.1
 100 2.4 1.1 3.3





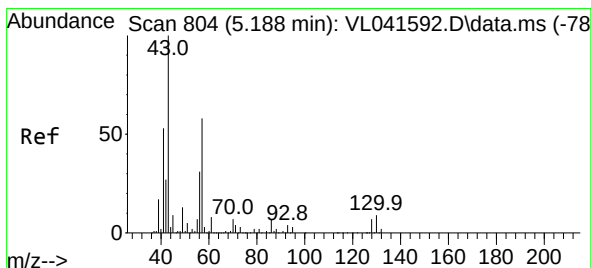
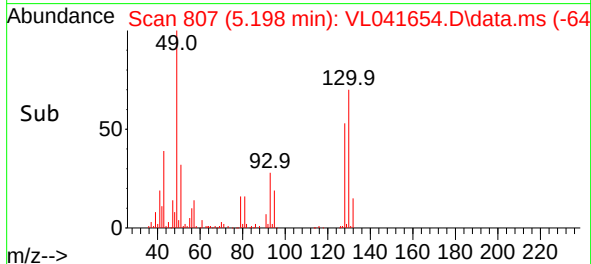
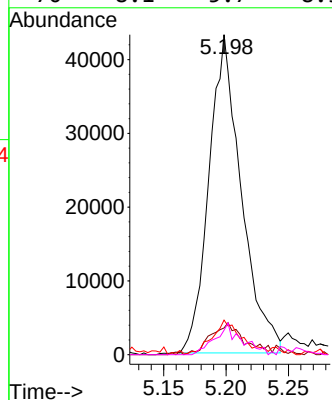
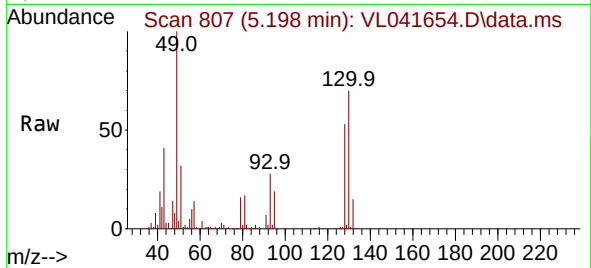
#25
Ethyl Acetate
Concen: 0.367 ppbv
RT: 5.198 min Scan# 801
Delta R.T. 0.020 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

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

Tgt Ion: 43	Resp: 77919
Ion Ratio	Lower Upper
43 100	
45 11.4	8.2 12.2
61 11.8	8.0 12.0
70 8.1	5.7 8.5

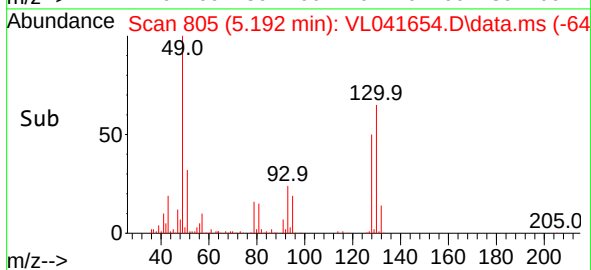
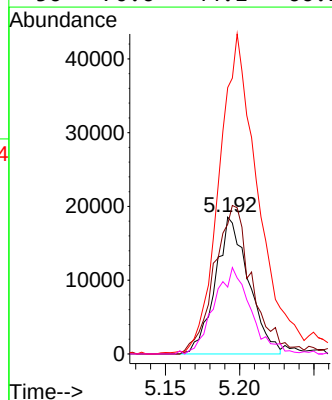
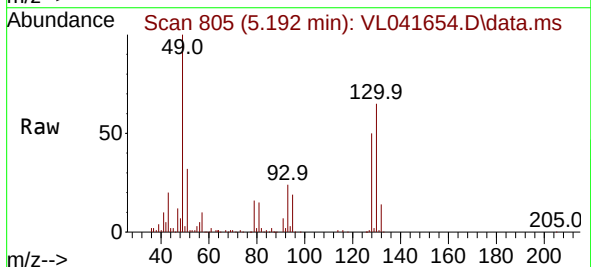
Manual Integrations
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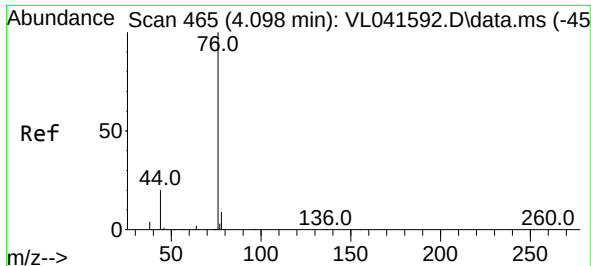
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#26
Hexane
Concen: 0.328 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.003 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

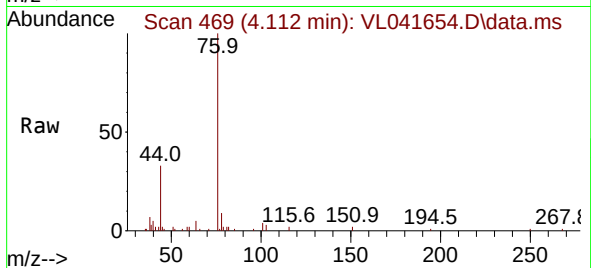
Tgt Ion: 57	Resp: 29034
Ion Ratio	Lower Upper
57 100	
41 127.3	75.7 113.5#
43 295.5	198.5 297.7
56 70.6	44.1 66.1#





#27
Carbon Disulfide
Concen: 0.329 ppbv m
RT: 4.112 min Scan# 4
Delta R.T. 0.013 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

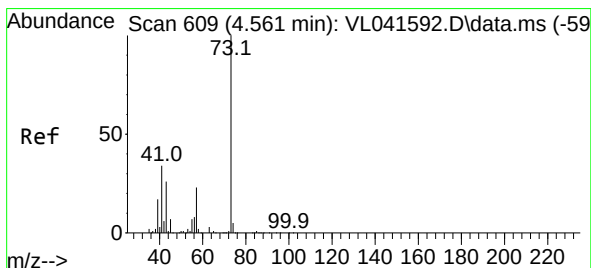
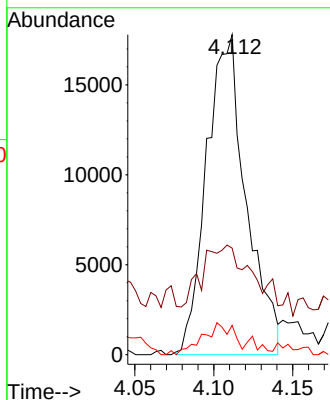
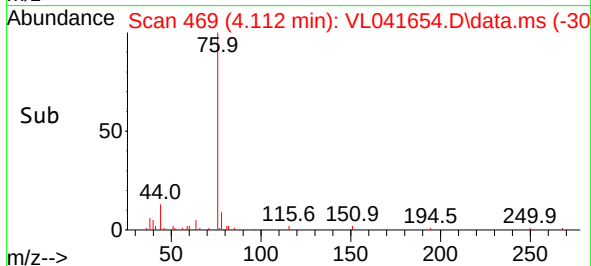
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 76 Resp: 3100
Ion Ratio Lower Upper
76 100
44 33.4 15.8 23.8
78 11.4 7.5 11.3

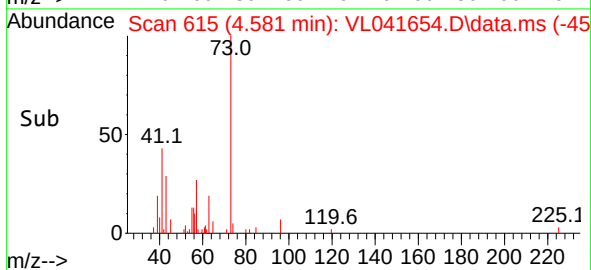
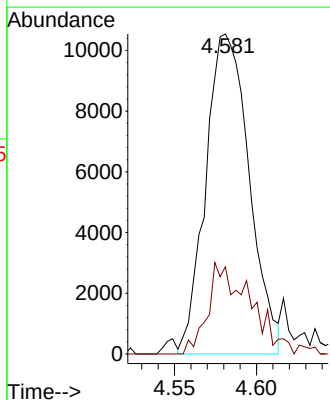
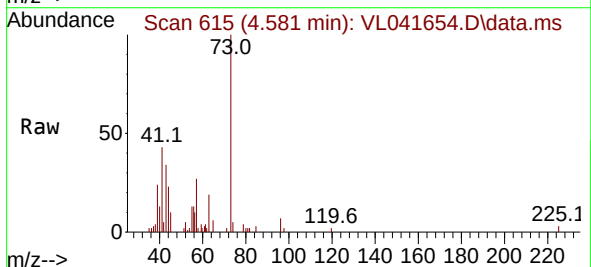
Manual Integrations
APPROVED

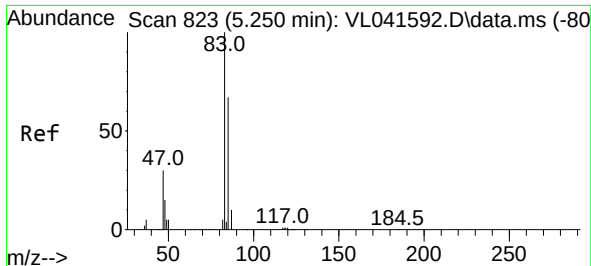
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#28
Methyl tert-Butyl Ether
Concen: 0.356 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.020 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion: 73 Resp: 19429
Ion Ratio Lower Upper
73 100
57 28.5 19.3 28.9





#29

Chloroform

Concen: 0.450 ppbv

RT: 5.256 min Scan# 81

Delta R.T. 0.007 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 83 Resp: 6527

Ion Ratio Lower Upper

83 100

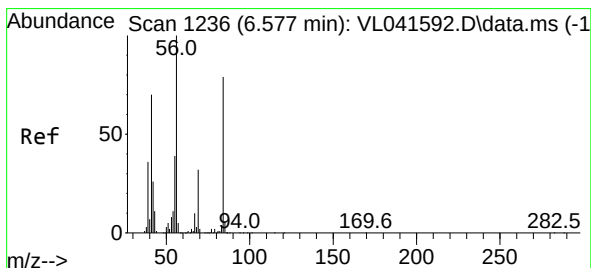
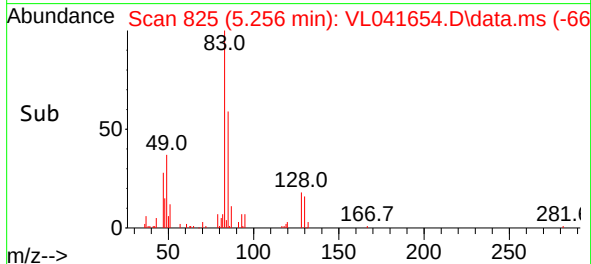
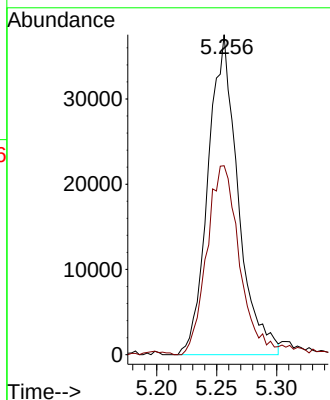
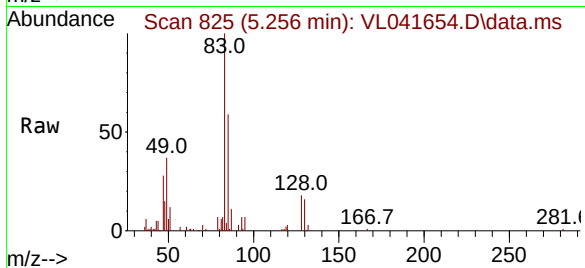
85 59.0 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#30

Cyclohexane

Concen: 0.263 ppbv m

RT: 6.587 min Scan# 1239

Delta R.T. 0.010 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

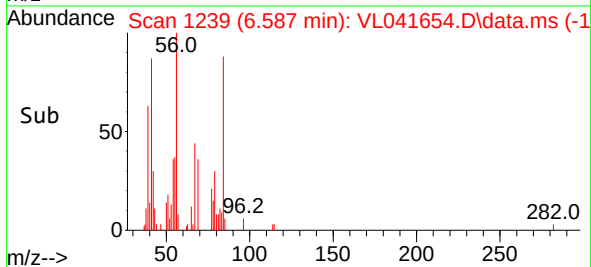
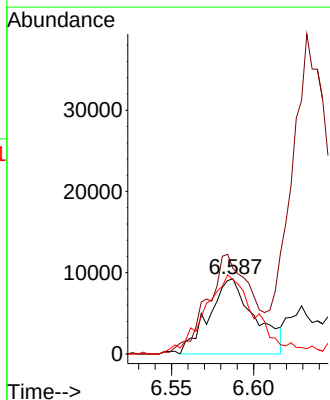
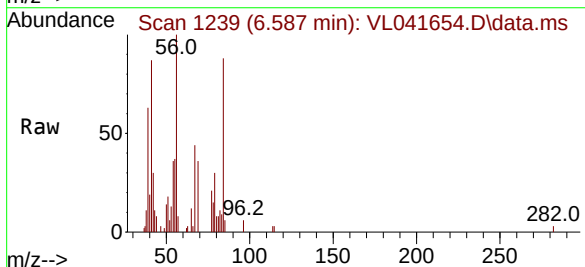
Tgt Ion: 84 Resp: 17987

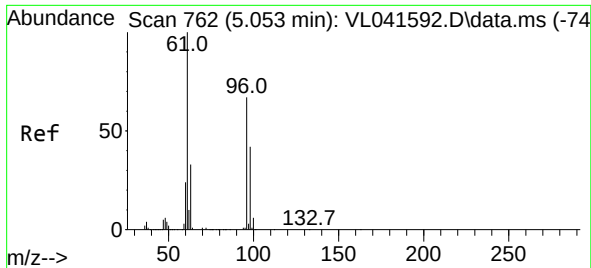
Ion Ratio Lower Upper

84 100

56 120.5 111.5 167.3

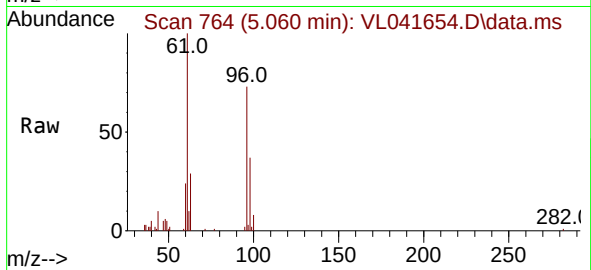
41 121.0 70.9 106.3





#31
cis-1,2-Dichloroethene
Concen: 0.332 ppbv
RT: 5.060 min Scan# 762
Delta R.T. 0.007 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

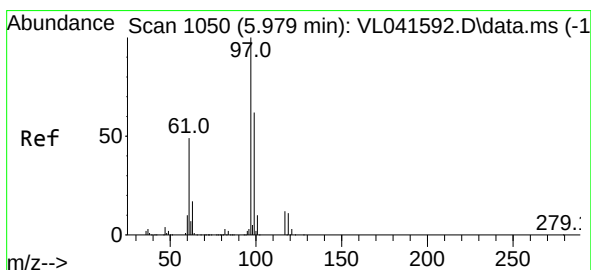
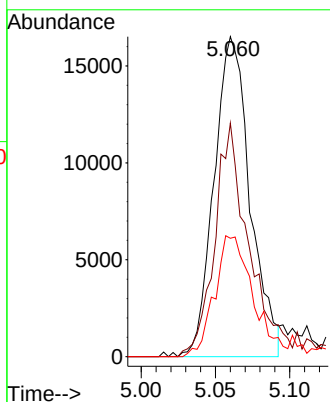
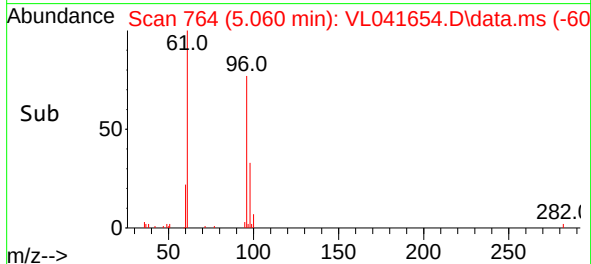
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



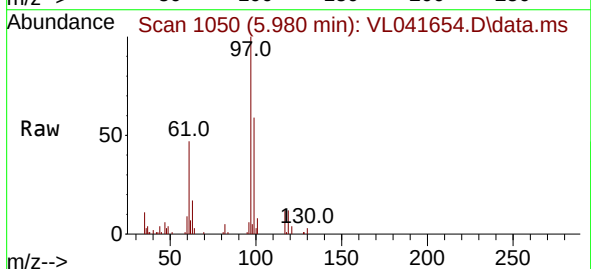
Tgt Ion: 61 Resp: 27878
Ion Ratio Lower Upper
61 100
96 73.0 53.5 80.3
98 37.0 33.7 50.5

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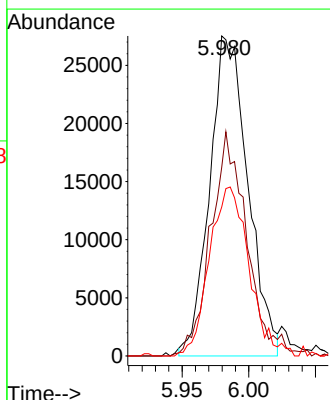
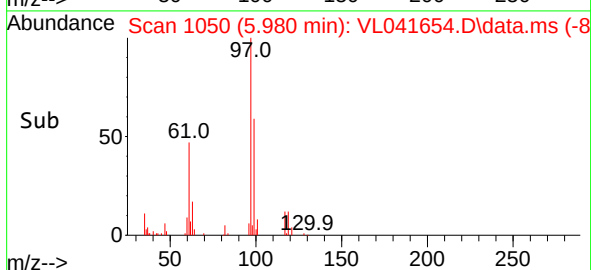
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

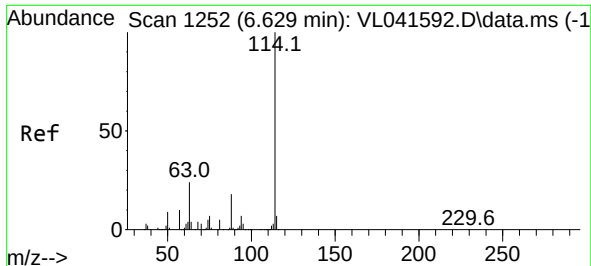


#32
1,1,1-Trichloroethane
Concen: 0.425 ppbv m
RT: 5.980 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40



Tgt Ion: 97 Resp: 54807
Ion Ratio Lower Upper
97 100
99 66.4 51.0 76.4
61 55.2 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.636 min Scan# 114

Delta R.T. 0.007 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024

Tgt Ion:114 Resp: 271170

Ion Ratio Lower Upper

114 100

63 25.4 20.2 30.2

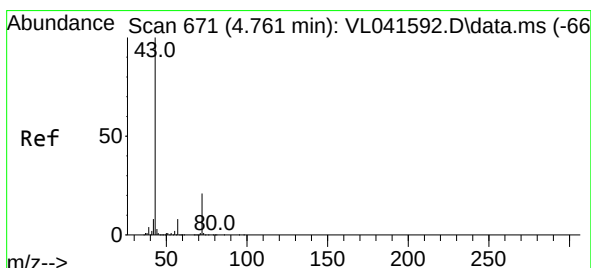
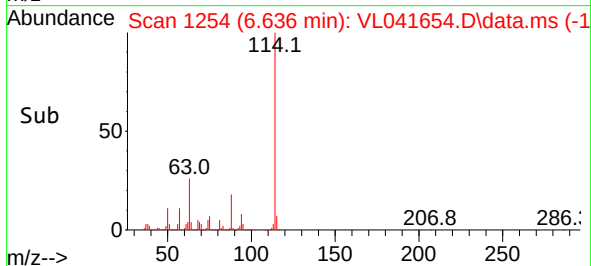
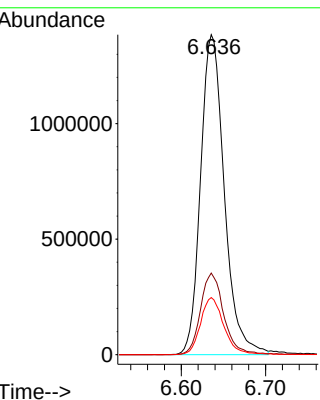
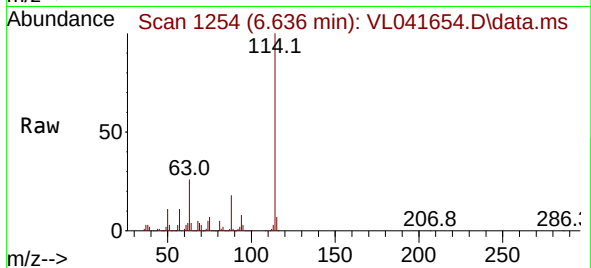
88 17.7 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#34

2-Butanone

Concen: 0.341 ppbv

RT: 4.784 min Scan# 678

Delta R.T. 0.023 min

Lab File: VL041654.D

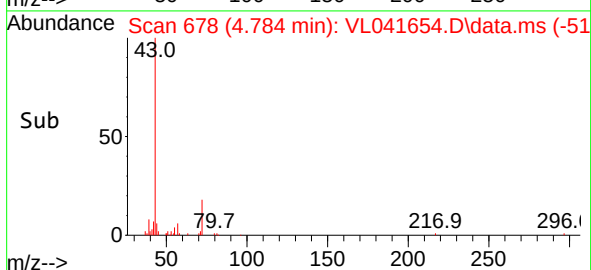
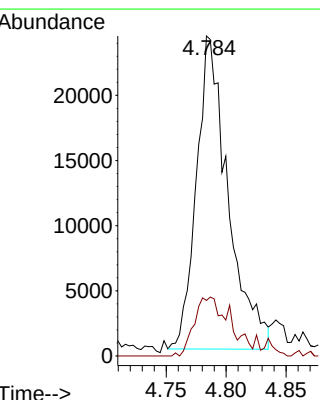
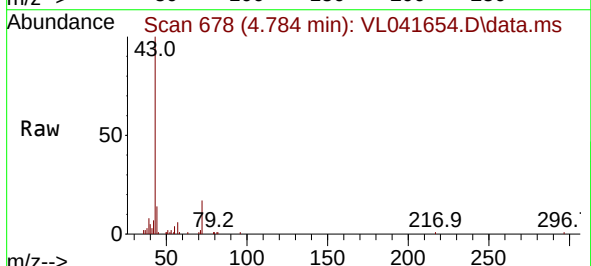
Acq: 10 Oct 2024 22:40

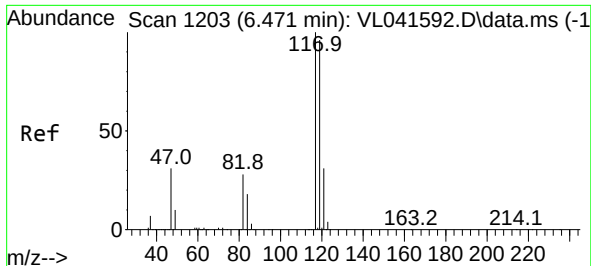
Tgt Ion: 43 Resp: 44097

Ion Ratio Lower Upper

43 100

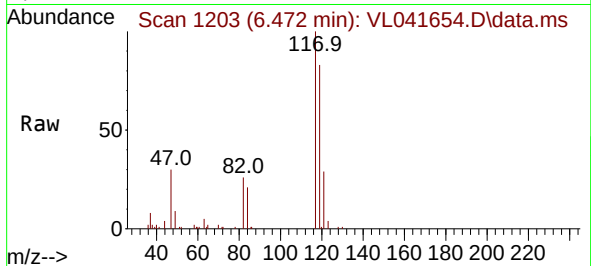
72 24.0 16.8 25.2





#35
Carbon Tetrachloride
Concen: 0.415 ppbv m
RT: 6.472 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

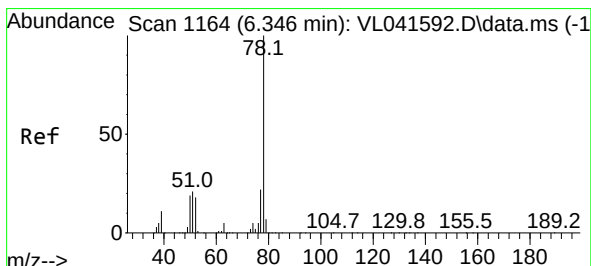
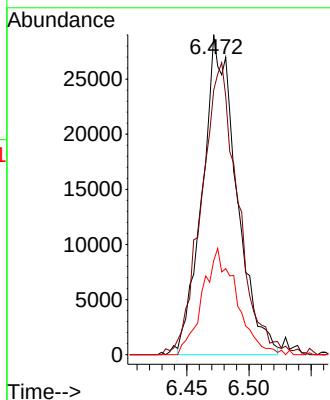
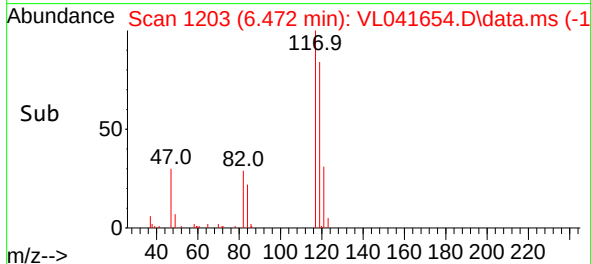
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 117 Resp: 55174
Ion Ratio Lower Upper
117 100
119 82.7 76.8 115.2
121 29.4 25.0 37.6

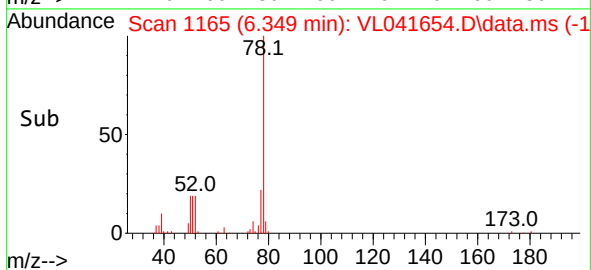
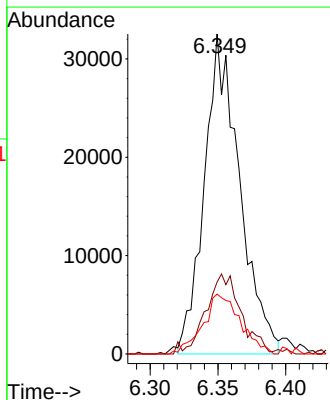
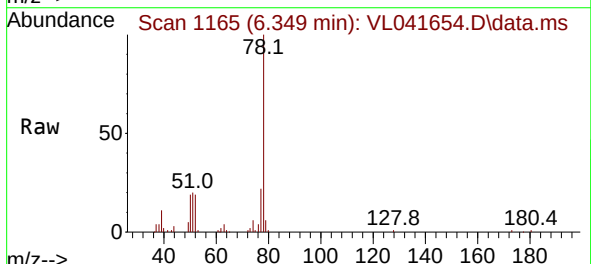
Manual Integrations
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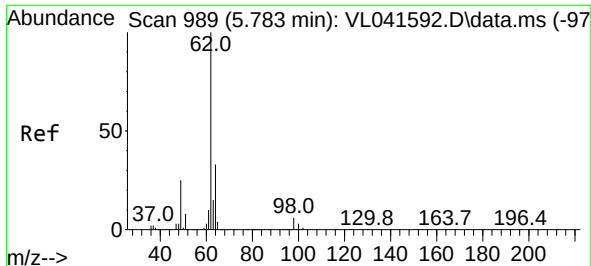
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#36
Benzene
Concen: 0.313 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

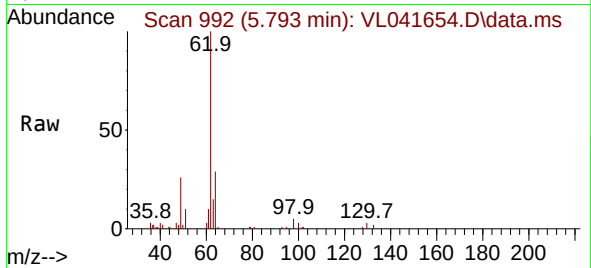
Tgt Ion: 78 Resp: 58855
Ion Ratio Lower Upper
78 100
77 21.5 17.8 26.6
50 19.1 15.4 23.0





#37
1,2-Dichloroethane
Concen: 0.381 ppbv
RT: 5.793 min Scan# 989
Delta R.T. 0.010 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

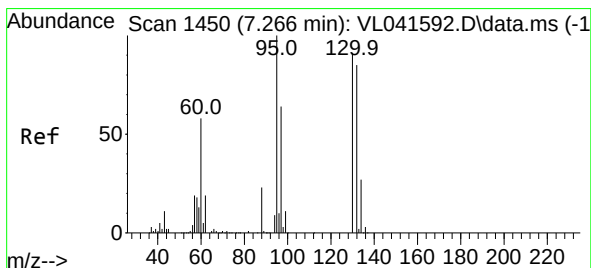
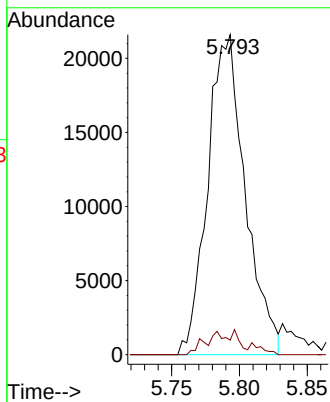
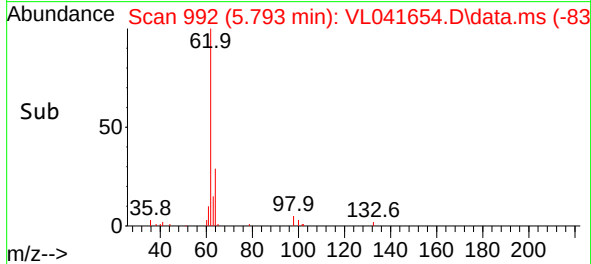
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 62 Resp: 41630
Ion Ratio Lower Upper
62 100
98 7.0 4.8 7.2

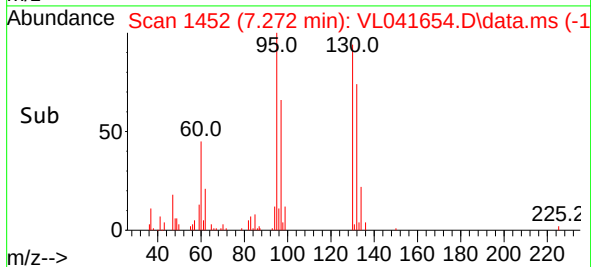
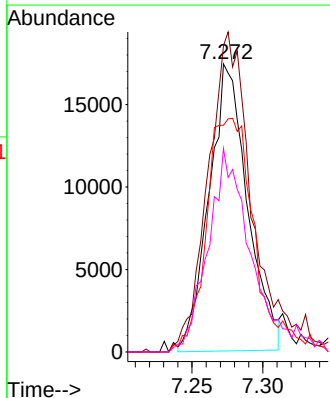
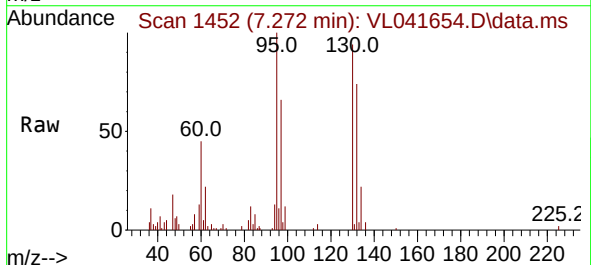
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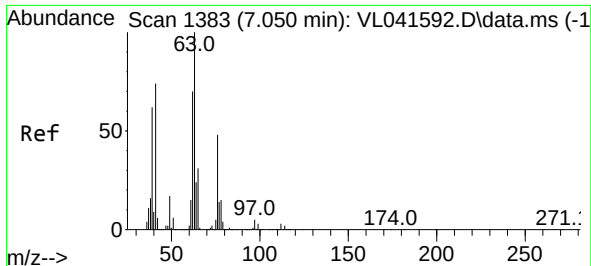
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#38
Trichloroethene
Concen: 0.339 ppbv
RT: 7.272 min Scan# 1452
Delta R.T. 0.007 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion:130 Resp: 32925
Ion Ratio Lower Upper
130 100
95 104.5 87.7 131.5
132 78.3 74.5 111.7
97 69.0 56.3 84.5





#39

1,2-Dichloropropane

Concen: 0.347 ppbv

RT: 7.060 min Scan# 1

Delta R.T. 0.010 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

ClientSampleId :

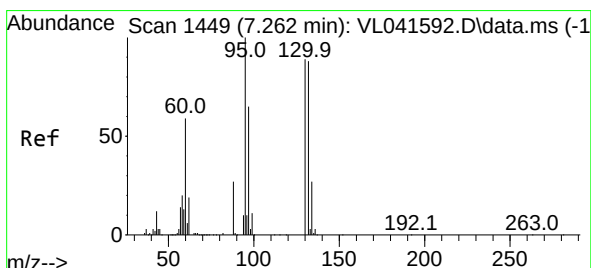
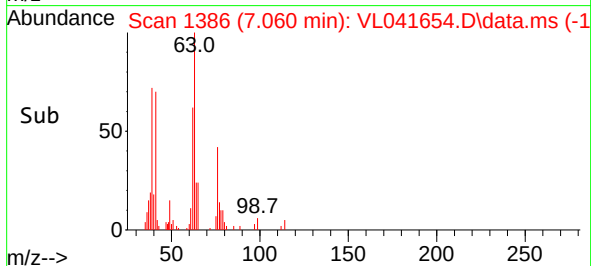
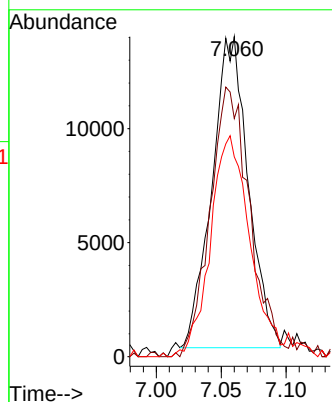
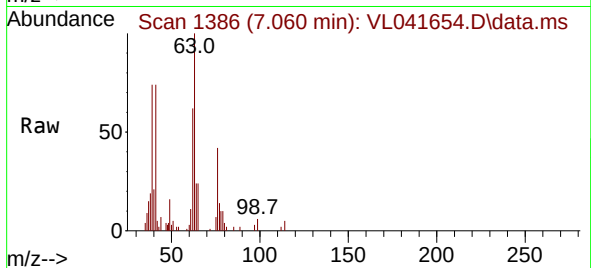
LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 63	Resp: 2658
Ion Ratio	Lower Upper
63 100	
41 76.6	59.5 89.3
62 60.5	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: 0.148 ppbv m

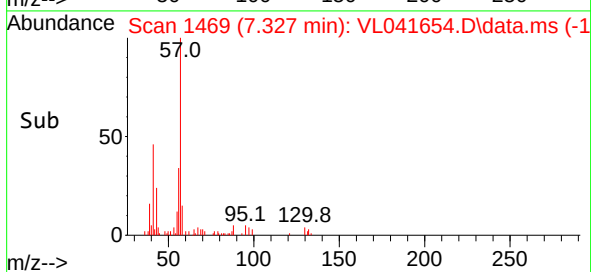
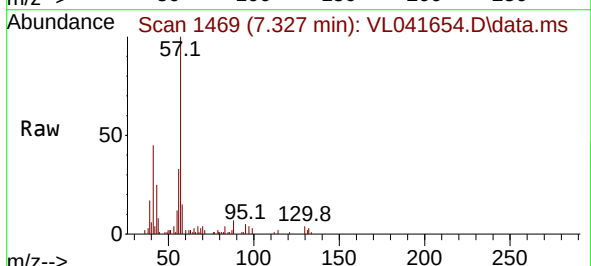
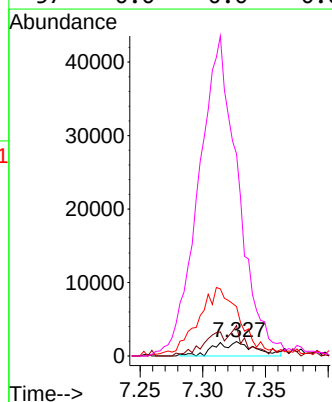
RT: 7.327 min Scan# 1469

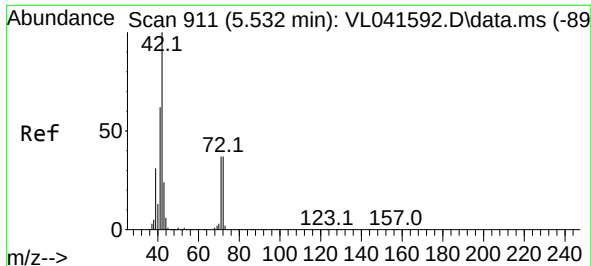
Delta R.T. 0.065 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

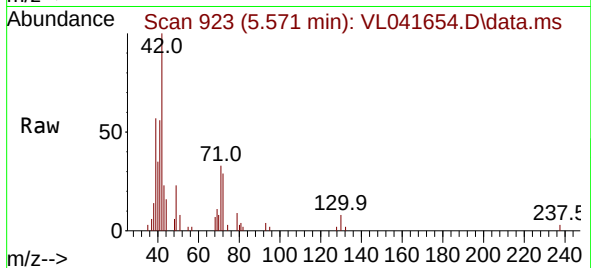
Tgt Ion: 88	Resp: 4287
Ion Ratio	Lower Upper
88 100	
58 0.0	100.2 150.4#
43 0.0	0.0 0.0
57 0.0	0.0 0.0





#41
Tetrahydrofuran
Concen: 0.281 ppbv m
RT: 5.571 min Scan# 911
Delta R.T. 0.039 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

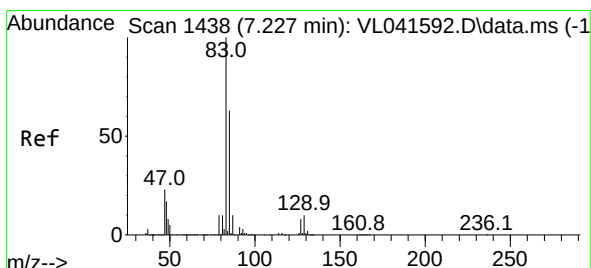
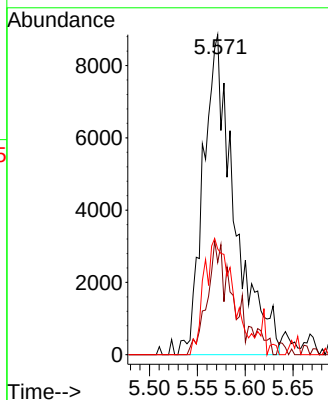
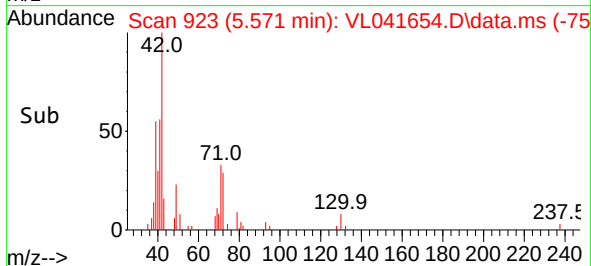
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 42 Resp: 20029
Ion Ratio Lower Upper
42 100
72 0.0 30.2 45.2
71 0.0 29.6 44.4

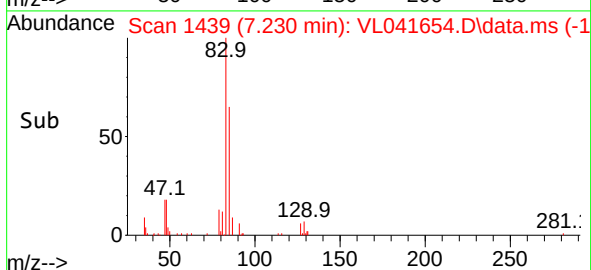
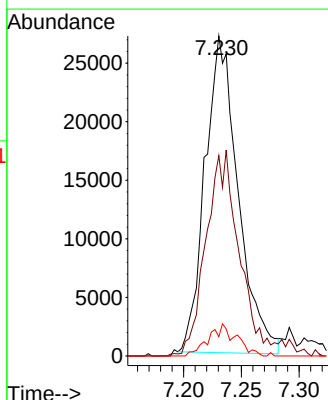
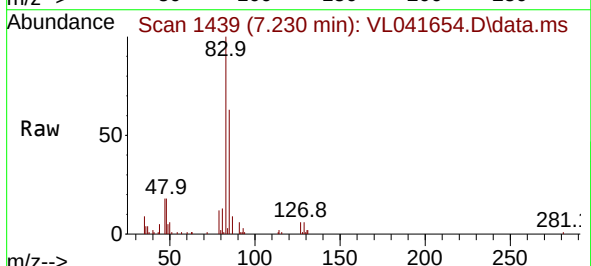
Manual Integrations
APPROVED

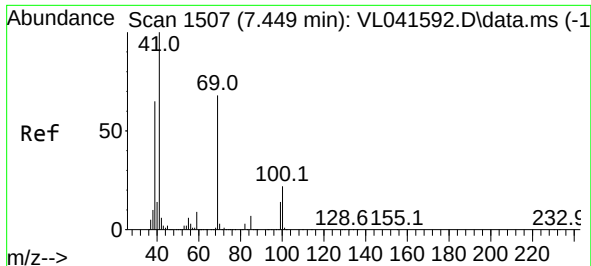
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#42
Bromodichloromethane
Concen: 0.355 ppbv
RT: 7.230 min Scan# 1439
Delta R.T. 0.003 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion: 83 Resp: 53894
Ion Ratio Lower Upper
83 100
85 62.8 50.5 75.7
127 6.1 6.5 9.7





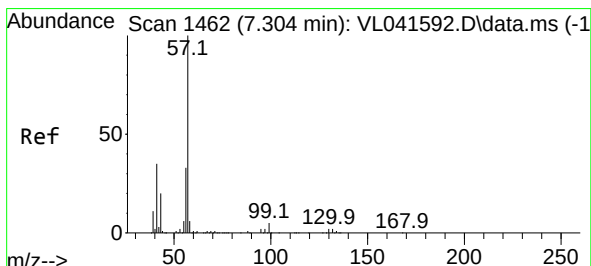
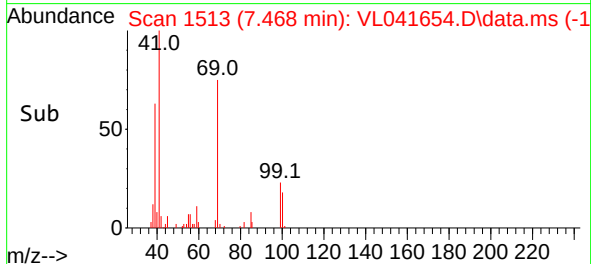
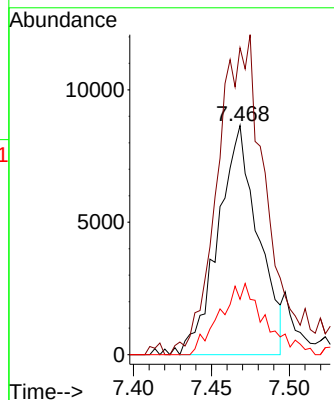
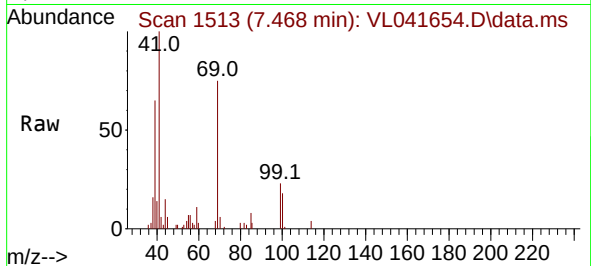
#43
Methyl Methacrylate
Concen: 0.229 ppbv
RT: 7.468 min Scan# 1513
Delta R.T. 0.020 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

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

Tgt Ion: 69 Resp: 15436
Ion Ratio Lower Upper
69 100
41 169.2 121.8 182.6
100 35.0 26.5 39.7

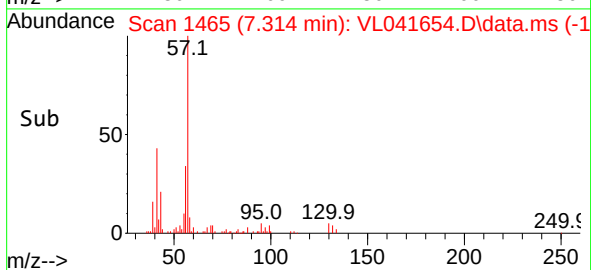
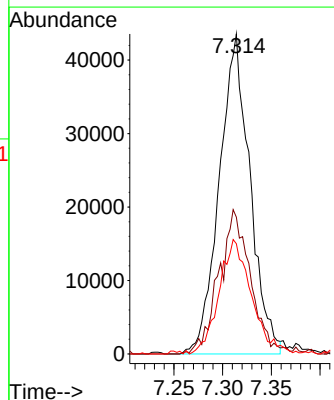
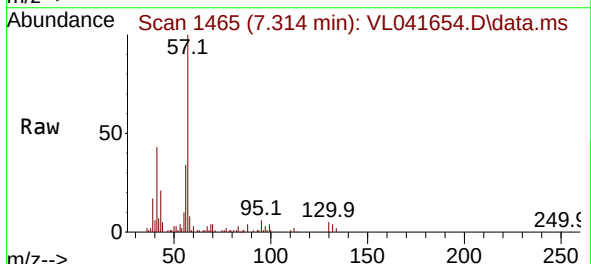
Manual Integrations
APPROVED

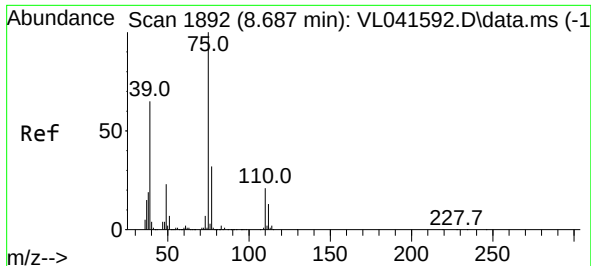
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#44
2,2,4-Trimethylpentane
Concen: 0.292 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. 0.010 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

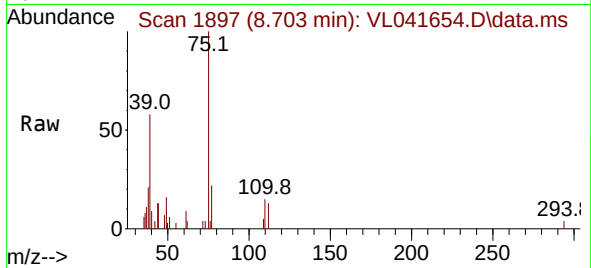
Tgt Ion: 57 Resp: 95092
Ion Ratio Lower Upper
57 100
41 47.5 27.0 40.6#
56 38.2 25.5 38.3





#45
t-1,3-Dichloropropene
Concen: 0.198 ppbv m
RT: 8.703 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

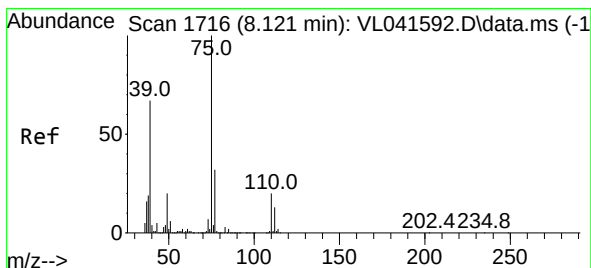
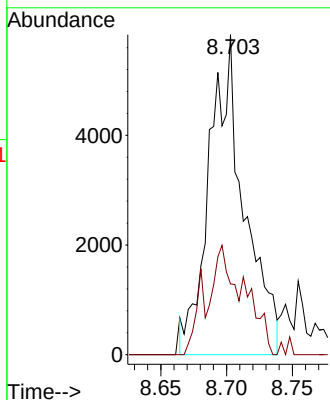
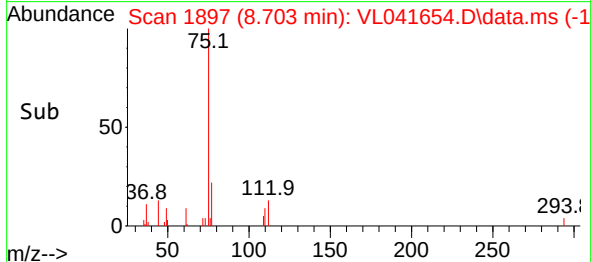
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 75 Resp: 1073
Ion Ratio Lower Upper
75 100
77 22.1 25.4 38.0

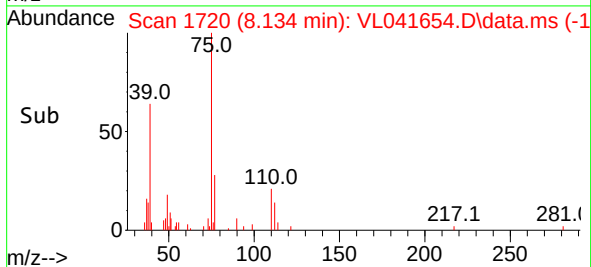
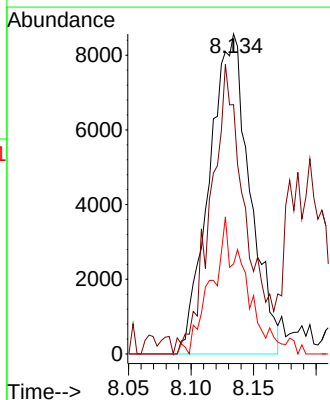
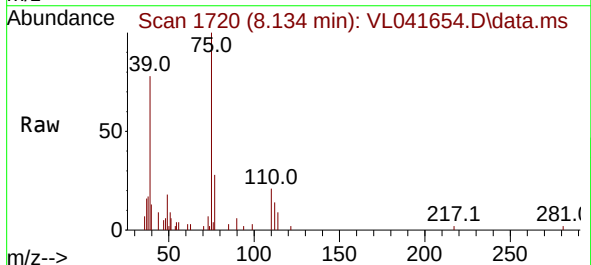
Manual Integrations
APPROVED

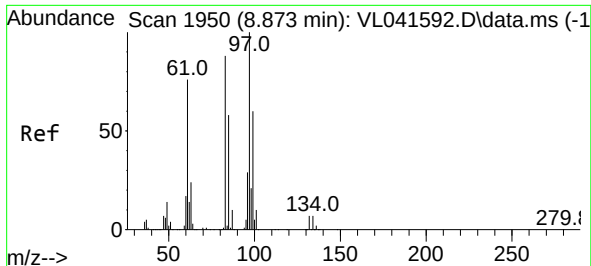
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#46
cis-1,3-Dichloropropene
Concen: 0.244 ppbv m
RT: 8.134 min Scan# 1720
Delta R.T. 0.013 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion: 75 Resp: 19462
Ion Ratio Lower Upper
75 100
39 77.9 54.0 81.0
77 28.1 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 0.361 ppbv m

RT: 8.886 min Scan# 1954

Delta R.T. 0.013 min

Lab File: VL041654.D

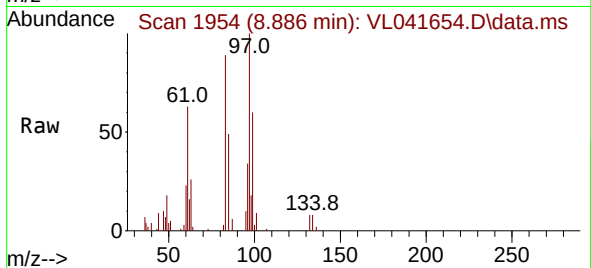
Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 97 Resp: 2938

Ion Ratio Lower Upper

97 100

83 89.5 70.2 105.4

85 49.1 46.3 69.5

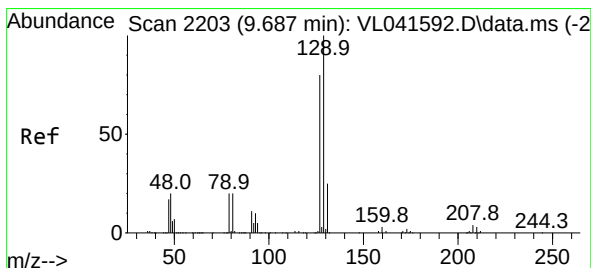
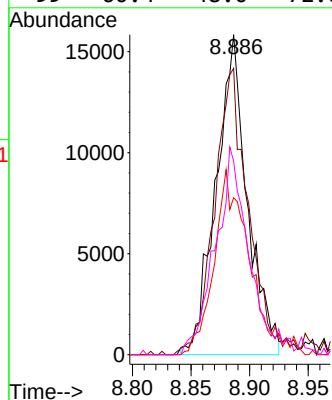
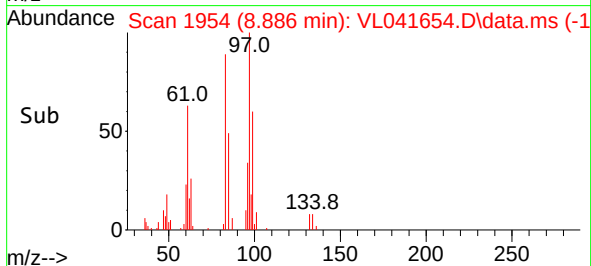
99 60.4 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#48

Dibromochloromethane

Concen: 0.304 ppbv

RT: 9.697 min Scan# 2206

Delta R.T. 0.010 min

Lab File: VL041654.D

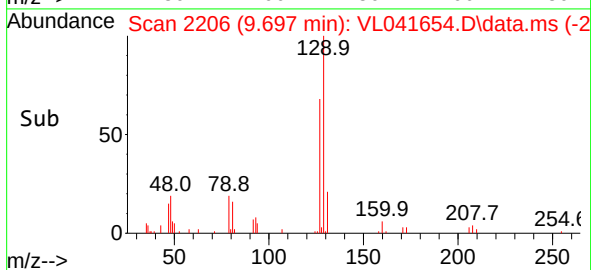
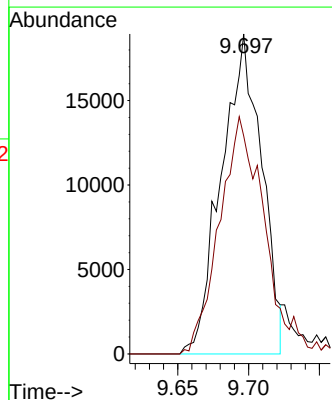
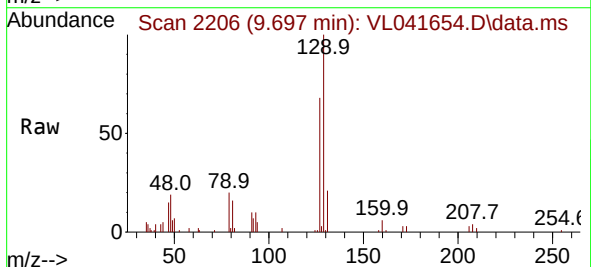
Acq: 10 Oct 2024 22:40

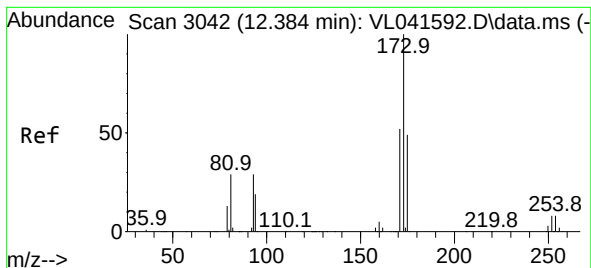
Tgt Ion:129 Resp: 37408

Ion Ratio Lower Upper

129 100

127 84.1 39.3 117.9





#49

Bromoform

Concen: 0.282 ppbv m

RT: 12.391 min Scan# 3042

Delta R.T. 0.007 min

Lab File: VL041654.D

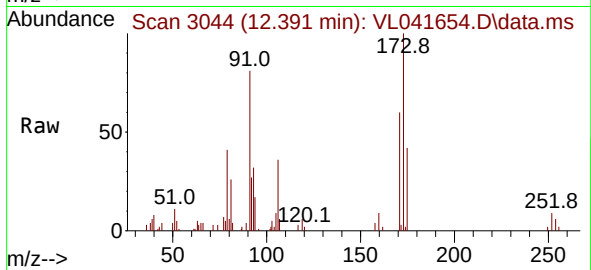
Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024

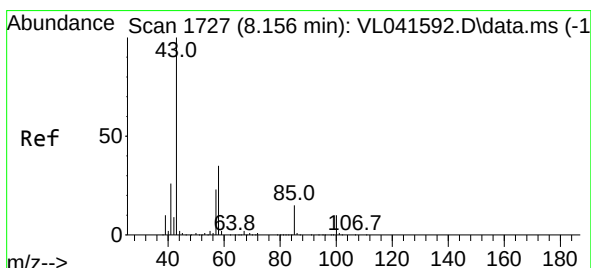
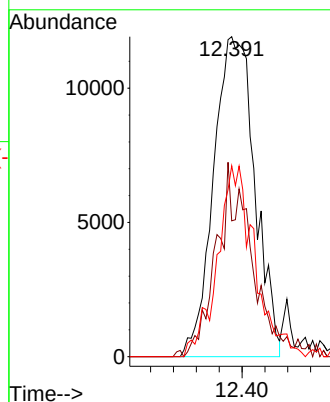
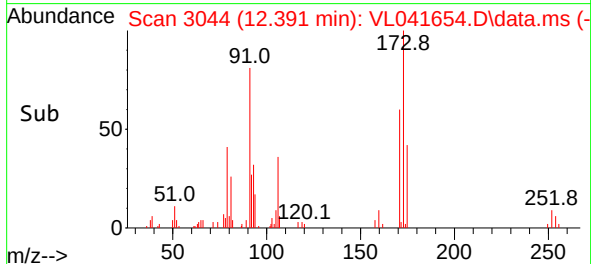


Tgt Ion:	173	Resp:	29849
Ion Ratio	Lower	Upper	
173	100		
175	0.0	40.1	60.1
171	0.0	42.2	63.4

Manual Integrations

APPROVED

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



#50

4-Methyl-2-Pentanone

Concen: 0.262 ppbv m

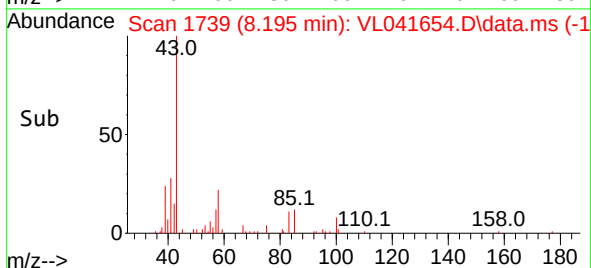
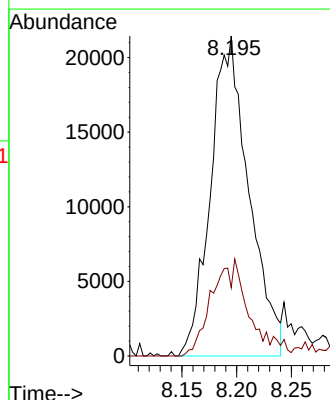
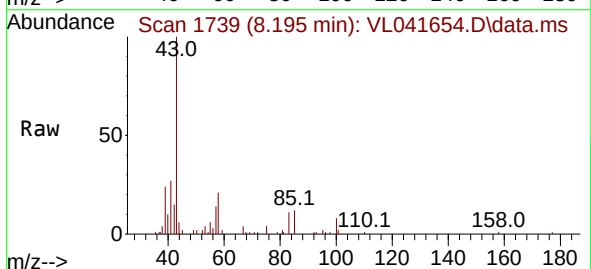
RT: 8.195 min Scan# 1739

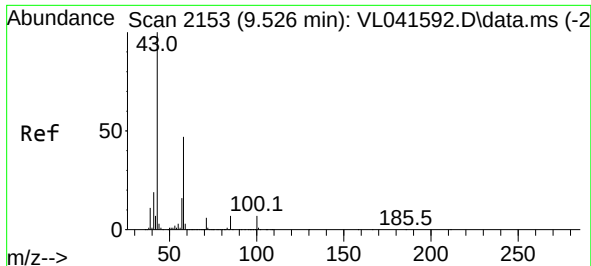
Delta R.T. 0.039 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

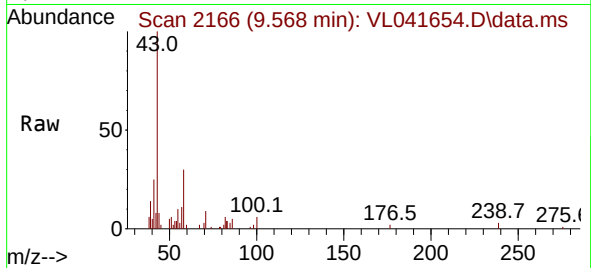
Tgt Ion:	43	Resp:	52245
Ion Ratio	Lower	Upper	
43	100		
58	0.0	27.8	41.8





#51
2-Hexanone
Concen: 0.233 ppbv m
RT: 9.568 min Scan# 2153
Delta R.T. 0.042 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

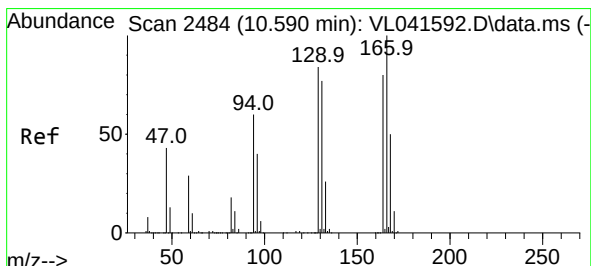
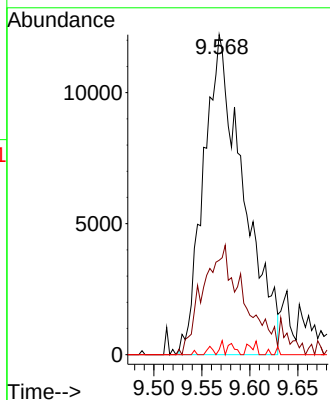
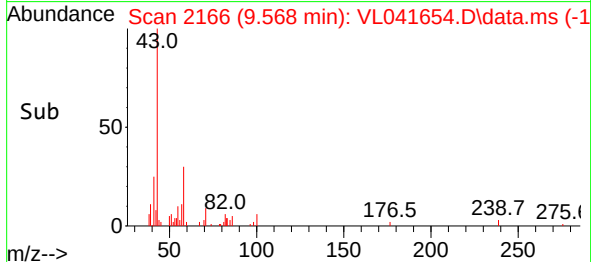
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 43 Resp: 35258
Ion Ratio Lower Upper
43 100
58 38.2 37.2 55.8
98 0.5 0.5 0.7

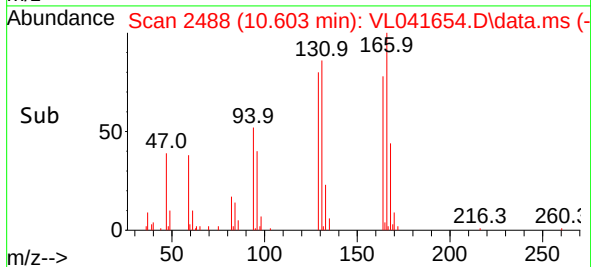
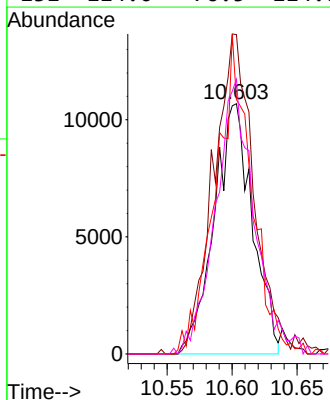
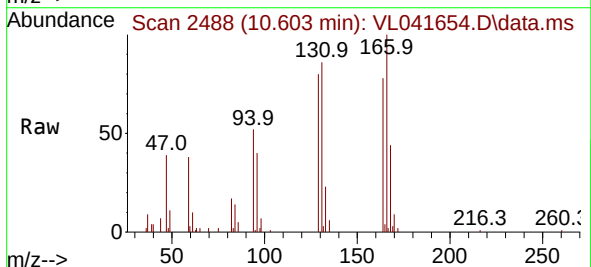
Manual Integrations
APPROVED

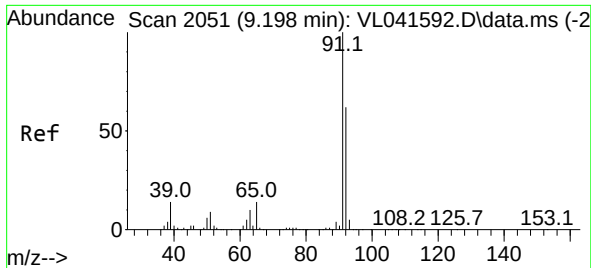
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#52
Tetrachloroethene
Concen: 0.322 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. 0.013 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

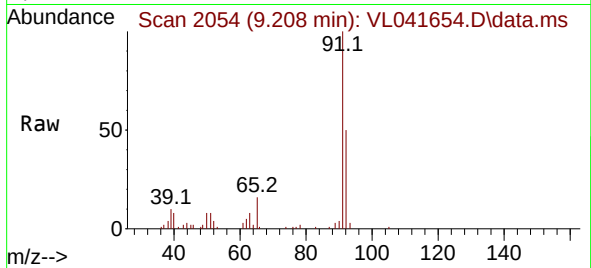
Tgt Ion:164 Resp: 21974
Ion Ratio Lower Upper
164 100
166 130.6 99.4 149.2
129 100.1 83.5 125.3
131 114.0 76.5 114.7





#53
Toluene
Concen: 0.237 ppbv
RT: 9.208 min Scan# 2054
Delta R.T. 0.010 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

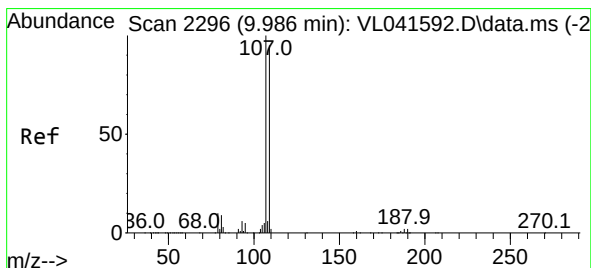
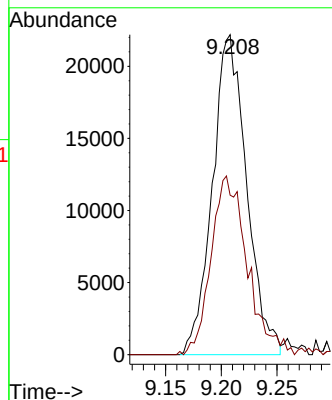
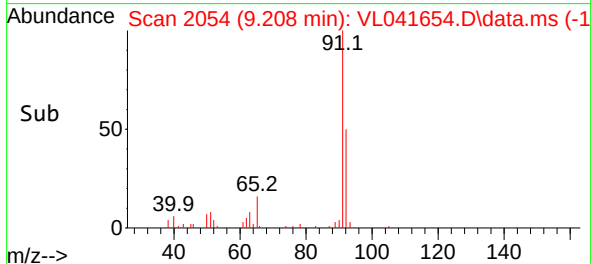
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



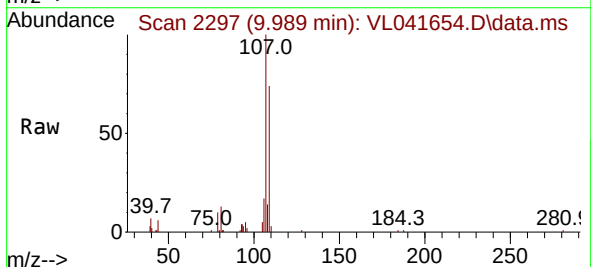
Tgt Ion: 91 Resp: 4746
Ion Ratio Lower Upper
91 100
92 59.2 48.9 73.3

Manual Integrations
APPROVED

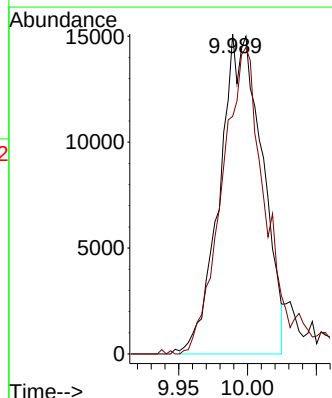
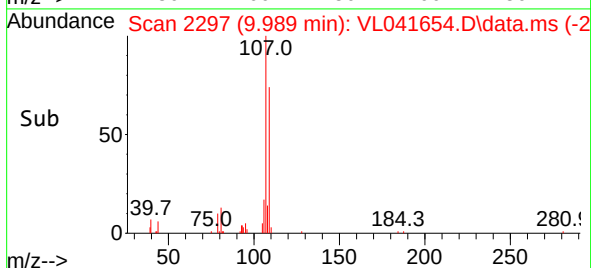
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

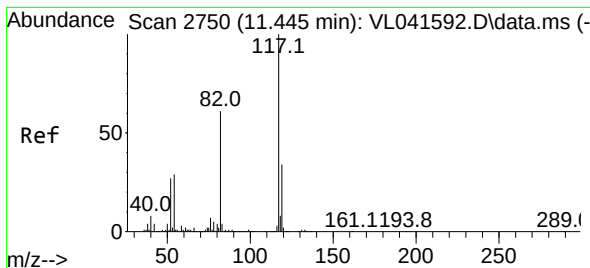


#54
1,2-Dibromoethane
Concen: 0.324 ppbv m
RT: 9.989 min Scan# 2297
Delta R.T. 0.003 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40



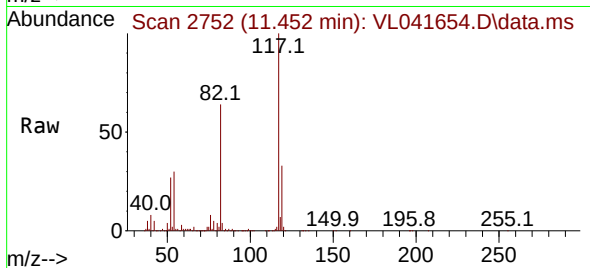
Tgt Ion:107 Resp: 32435
Ion Ratio Lower Upper
107 100
109 74.2 75.7 113.5#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

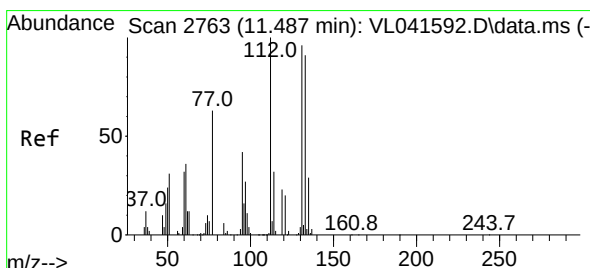
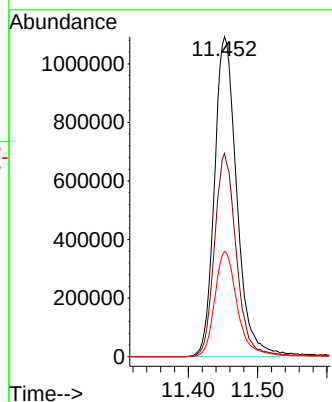
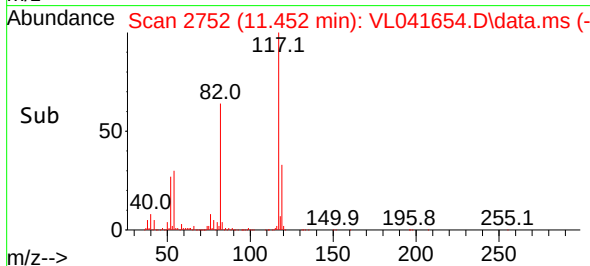
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



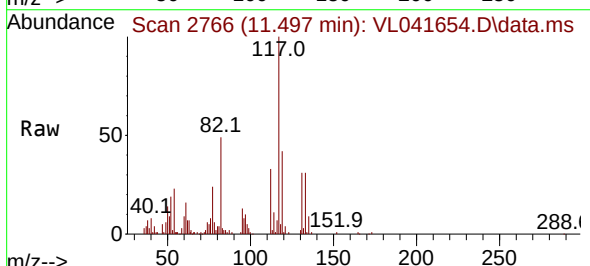
Tgt Ion:117 Resp: 244127
Ion Ratio Lower Upper
117 100
82 63.0 49.4 74.2
119 33.6 24.4 36.6

Manual Integrations
APPROVED

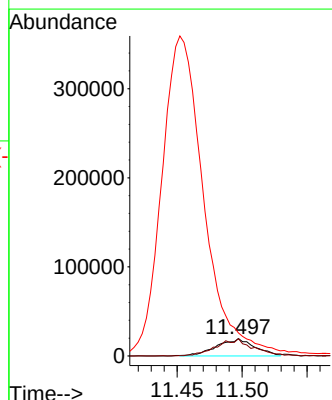
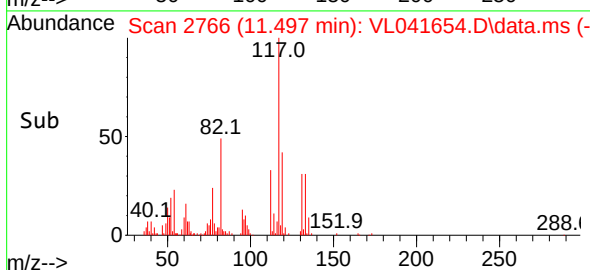
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

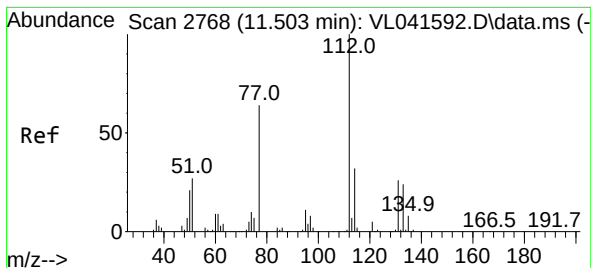


#56
1,1,1,2-Tetrachloroethane
Concen: 0.413 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.010 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40



Tgt Ion:131 Resp: 39324
Ion Ratio Lower Upper
131 100
133 98.4 76.6 115.0
119 2100.6 48.5 72.7#





#57

Chlorobenzene

Concen: 0.420 ppbv

RT: 11.513 min Scan# 2771

Delta R.T. 0.010 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

ClientSampleId :

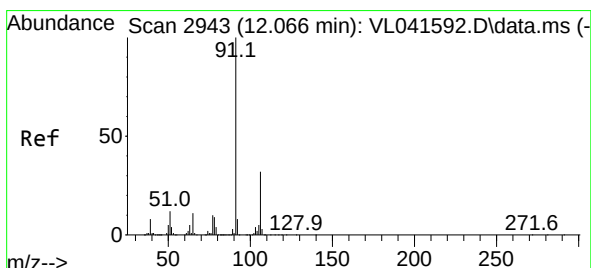
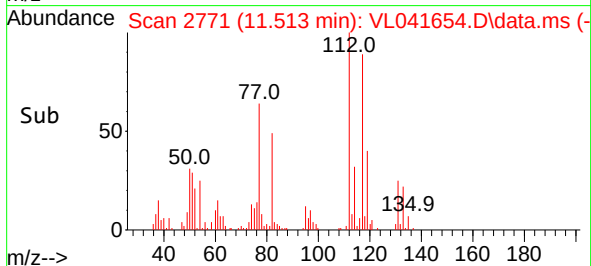
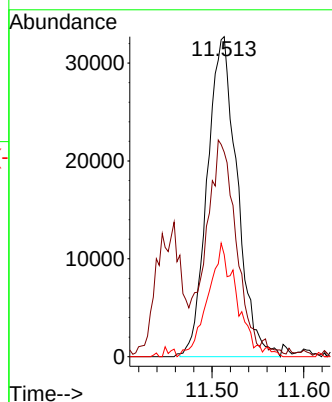
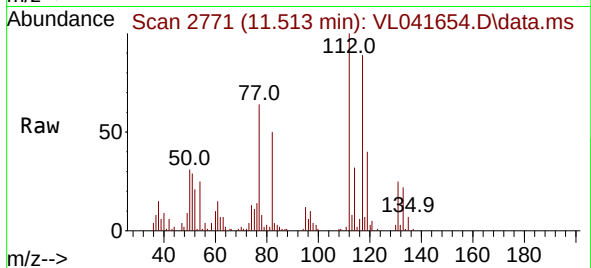
LOD-MDL-AIR-01-QT4-2024

Tgt Ion:	112	Resp:	73880
Ion Ratio	Lower	Upper	
112	100		
77	61.8	52.0	78.0
114	31.4	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: 0.250 ppbv

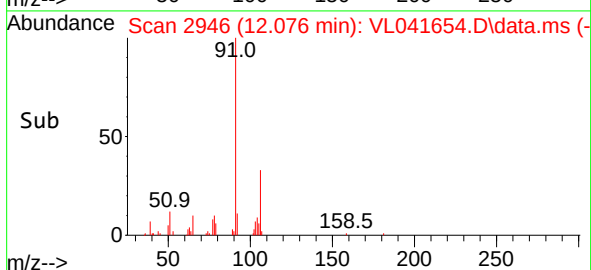
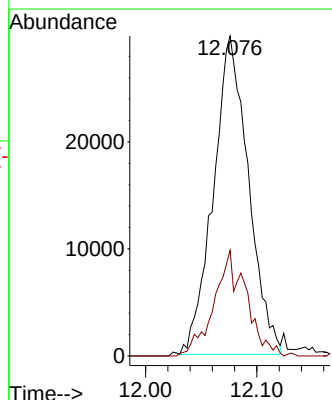
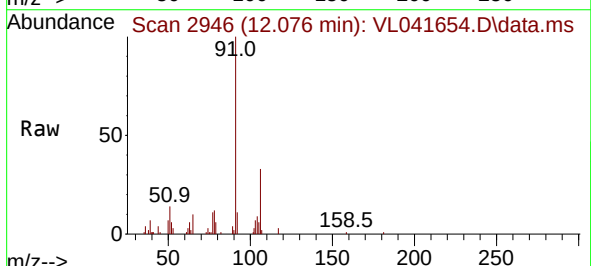
RT: 12.076 min Scan# 2946

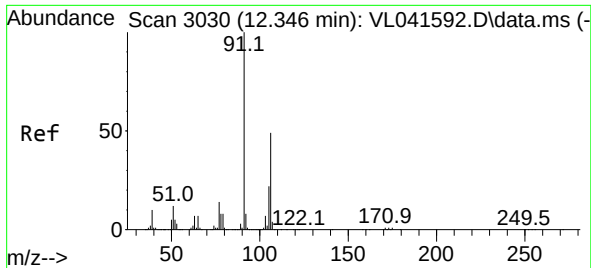
Delta R.T. 0.010 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

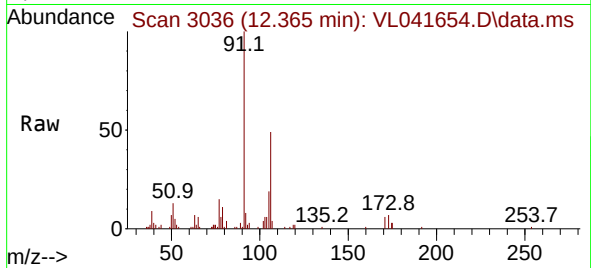
Tgt Ion:	91	Resp:	65207
Ion Ratio	Lower	Upper	
91	100		
106	32.4	25.8	38.6





#59
m/p-Xylene
Concen: 0.545 ppbv m
RT: 12.365 min Scan# 3036
Delta R.T. 0.020 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

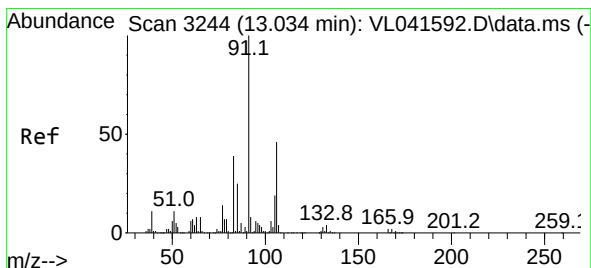
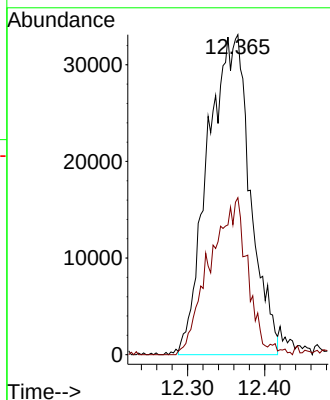
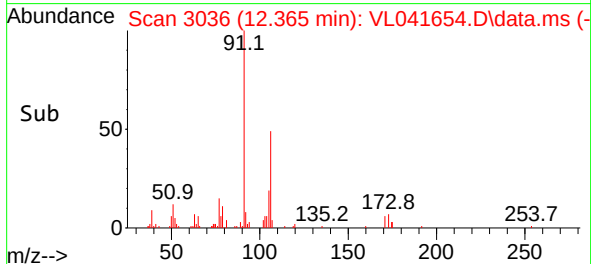
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 91 Resp: 126659
Ion Ratio Lower Upper
91 100
106 0.0 36.8 55.2

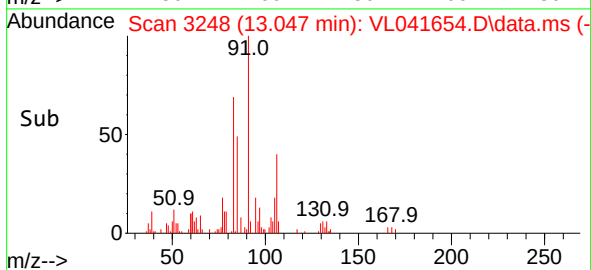
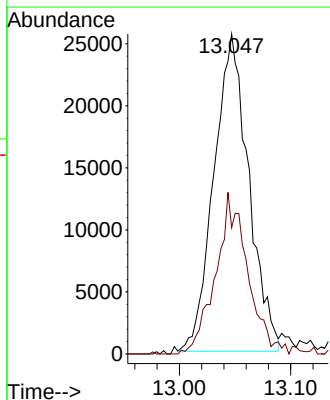
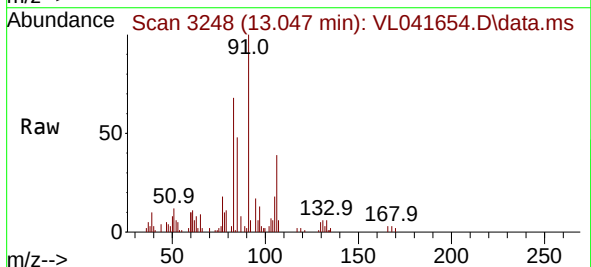
Manual Integrations
APPROVED

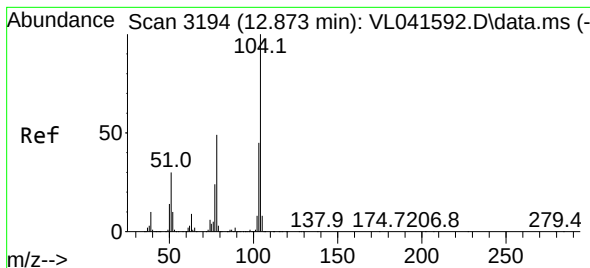
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#60
o-Xylene
Concen: 0.249 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. 0.013 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion: 91 Resp: 55496
Ion Ratio Lower Upper
91 100
106 47.7 23.1 69.3





#61

Styrene

Concen: 0.199 ppbv m

RT: 12.886 min Scan# 3198

Delta R.T. 0.013 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

ClientSampleId :

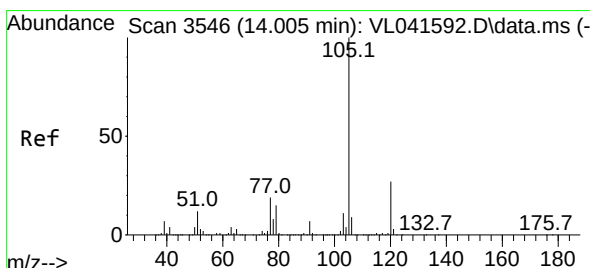
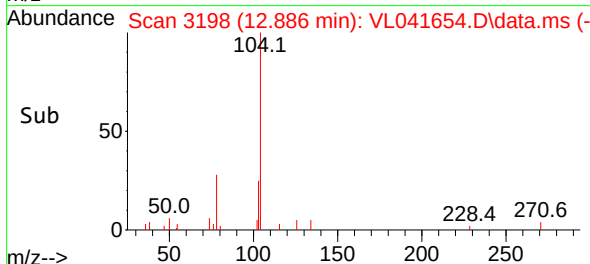
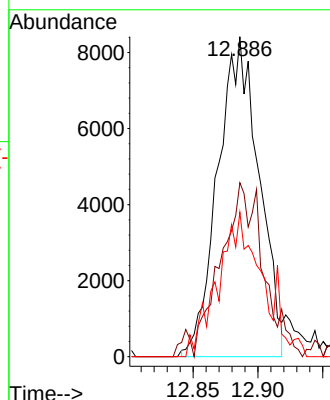
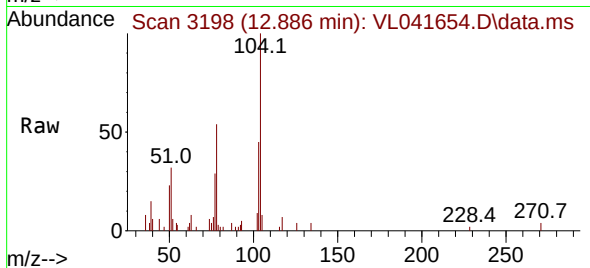
LOD-MDL-AIR-01-QT4-2024

Tgt Ion:104	Resp:	18560
Ion Ratio	Lower	Upper
104	100	
78	0.0	39.8
103	0.0	37.4

Manual Integrations

APPROVED

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



#62

Isopropylbenzene

Concen: 0.325 ppbv

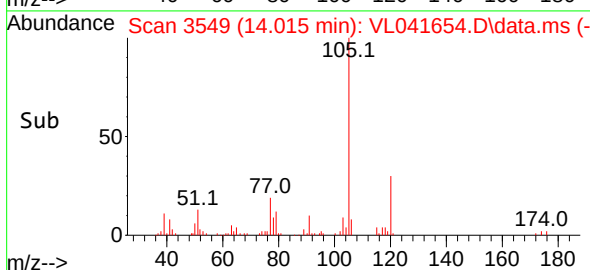
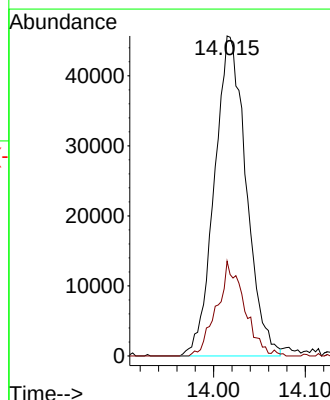
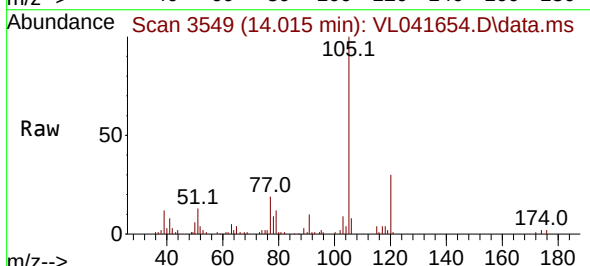
RT: 14.015 min Scan# 3549

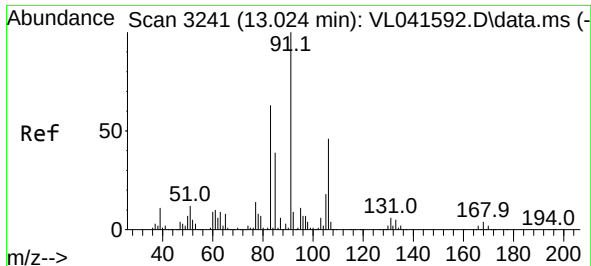
Delta R.T. 0.010 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

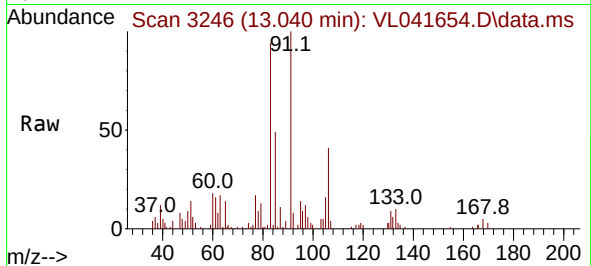
Tgt Ion:105	Resp:	109826
Ion Ratio	Lower	Upper
105	100	
120	25.8	20.9





#63
1,1,2,2-Tetrachloroethane
Concen: 0.418 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

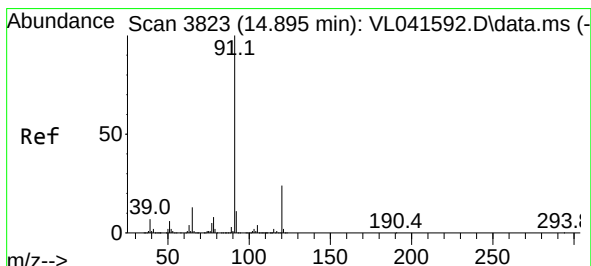
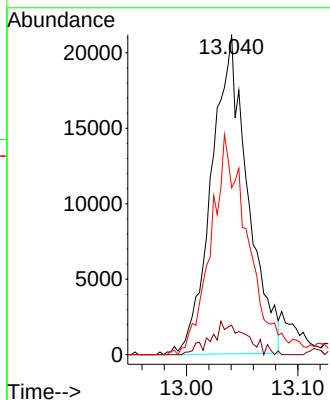
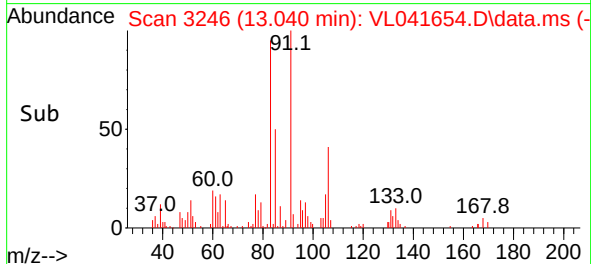
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



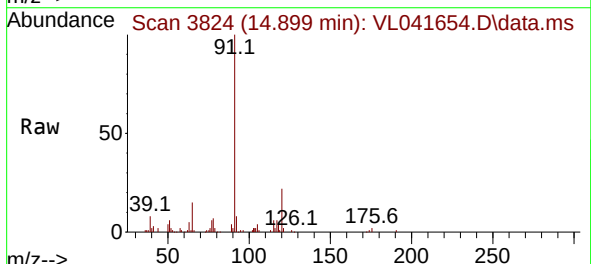
Tgt Ion: 83 Resp: 47700
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 73.6 32.5 97.4

Manual Integrations
APPROVED

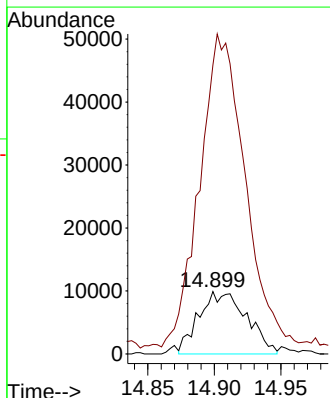
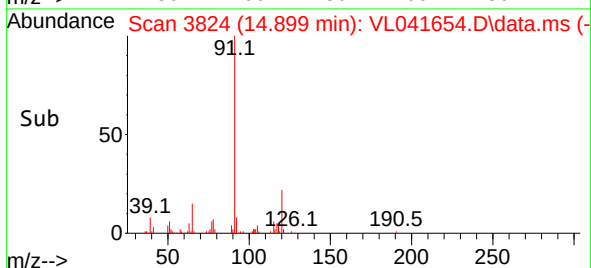
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

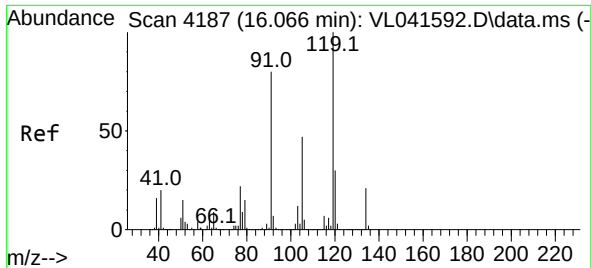


#64
n-propylbenzene
Concen: 0.283 ppbv m
RT: 14.899 min Scan# 3824
Delta R.T. 0.003 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40



Tgt Ion:120 Resp: 24654
Ion Ratio Lower Upper
120 100
91 510.9 366.4 549.6





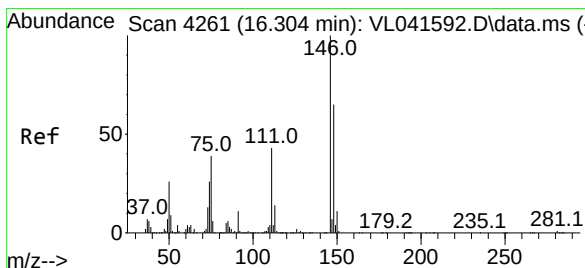
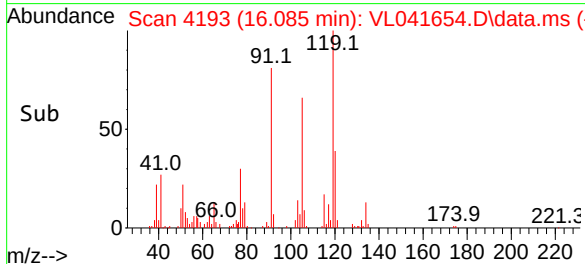
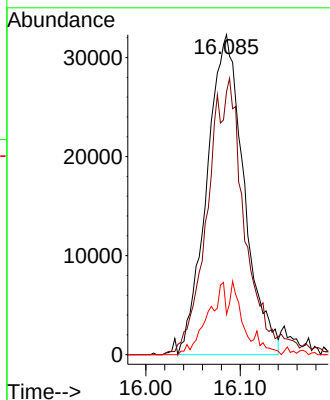
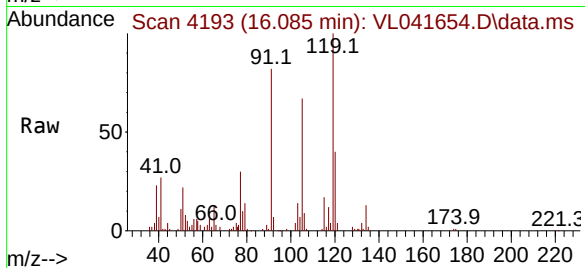
#65
tert-Butylbenzene
Concen: 0.285 ppbv
RT: 16.085 min Scan# 4187
Delta R.T. 0.020 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

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

Tgt Ion:119 Resp: 88290
Ion Ratio Lower Upper
119 100
91 88.1 64.6 96.8
134 20.4 15.8 23.8

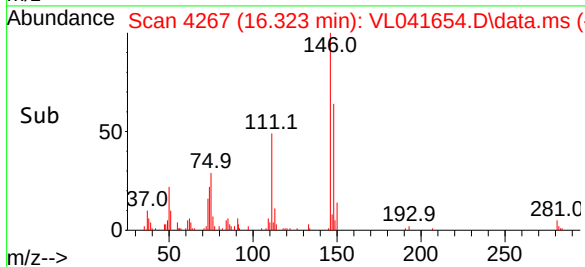
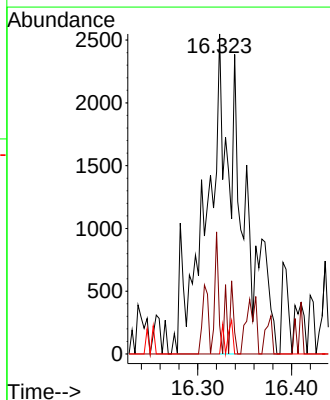
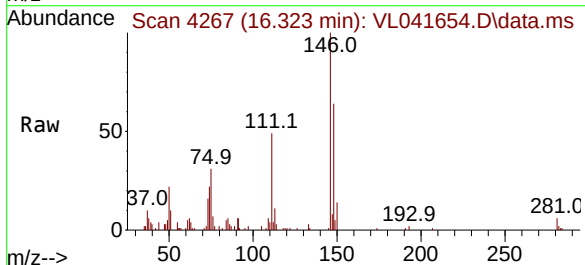
Manual Integrations
APPROVED

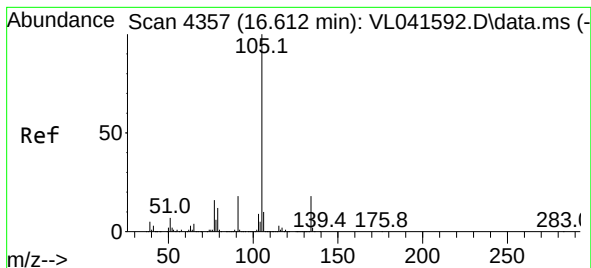
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#66
Benzyl Chloride
Concen: 0.395 ppbv m
RT: 16.323 min Scan# 4267
Delta R.T. 0.020 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

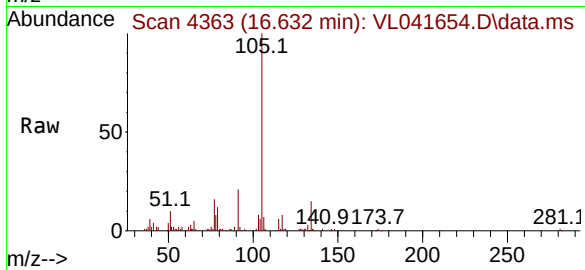
Tgt Ion: 91 Resp: 6363
Ion Ratio Lower Upper
91 100
126 9.7 15.4 23.2#
128 1.3 4.8 7.2#





#67
 sec-Butylbenzene
 Concen: 0.280 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. 0.020 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

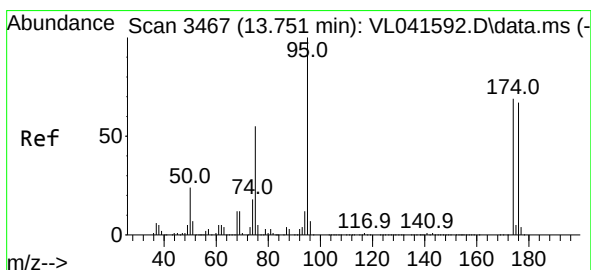
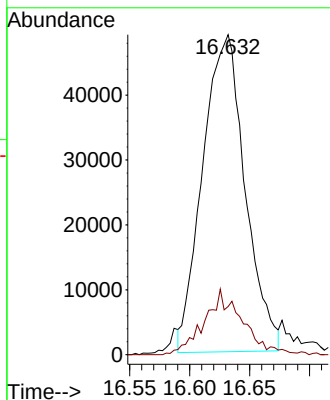
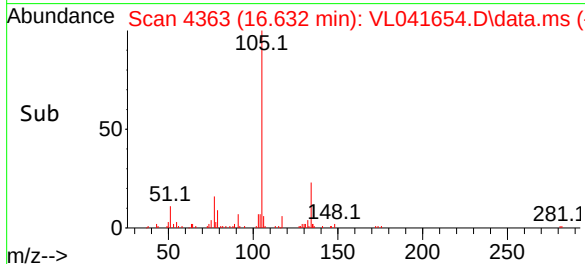
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024



Tgt Ion:105 Resp: 120368
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.6 21.8

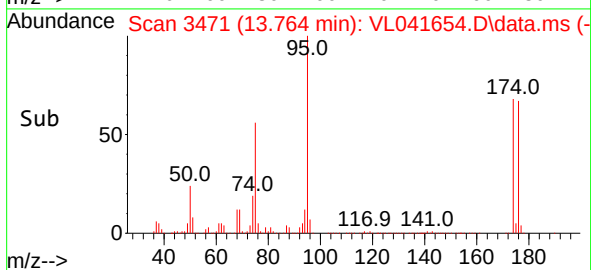
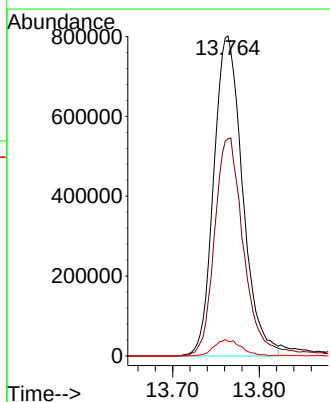
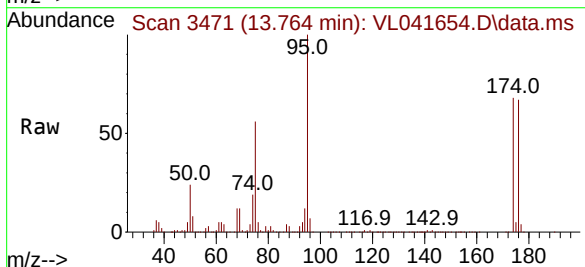
Manual Integrations
 APPROVED

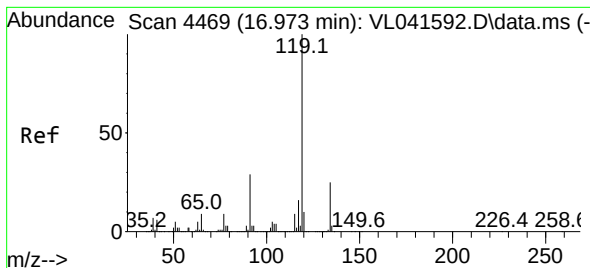
Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.308 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. 0.013 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

Tgt Ion: 95 Resp: 1852386
 Ion Ratio Lower Upper
 95 100
 174 71.0 55.8 83.8
 175 5.1 4.1 6.1





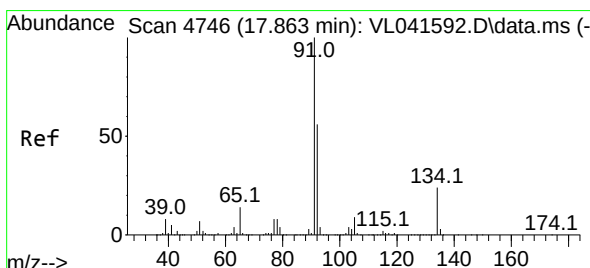
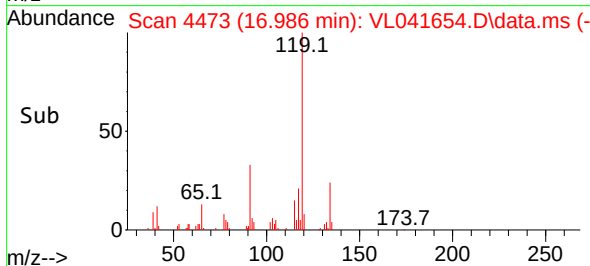
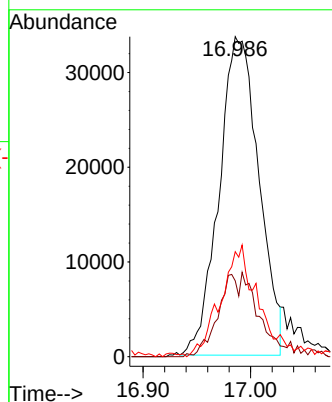
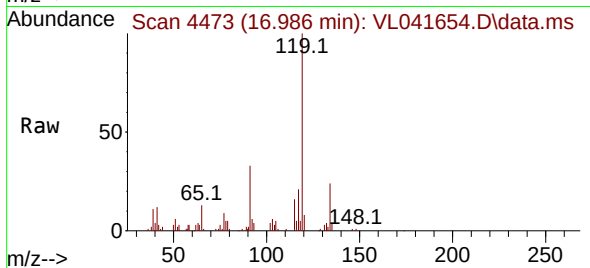
#69
p-Isopropyltoluene
Concen: 0.249 ppbv
RT: 16.986 min Scan# 4469
Delta R.T. 0.013 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

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

Tgt Ion:119 Resp: 86679
Ion Ratio Lower Upper
119 100
134 27.6 20.5 30.7
91 34.4 23.1 34.7

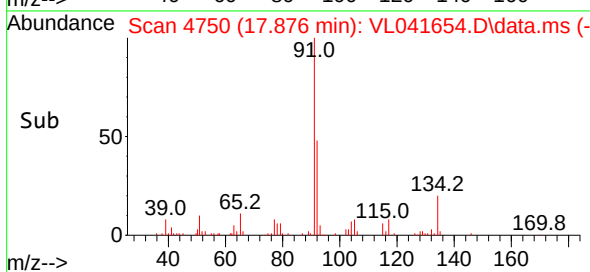
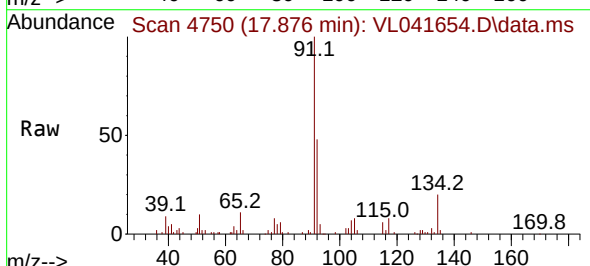
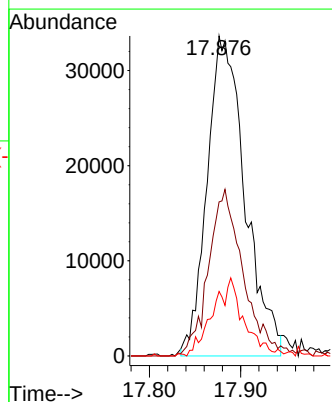
Manual Integrations
APPROVED

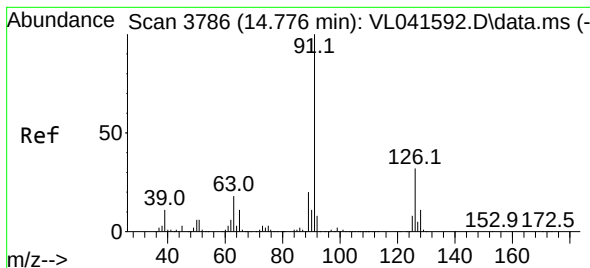
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#70
n-Butylbenzene
Concen: 0.267 ppbv m
RT: 17.876 min Scan# 4750
Delta R.T. 0.013 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

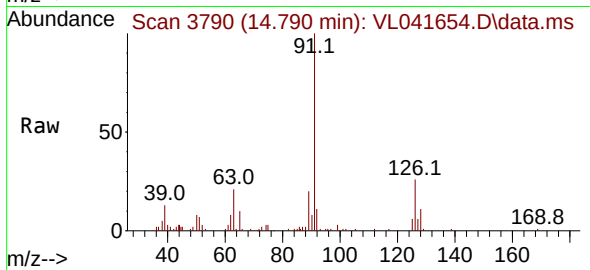
Tgt Ion: 91 Resp: 97171
Ion Ratio Lower Upper
91 100
92 47.7 43.2 64.8
134 20.4 18.6 27.8





#71
2-Chlorotoluene
Concen: 0.269 ppbv
RT: 14.790 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

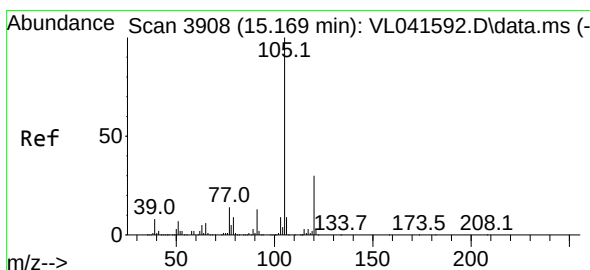
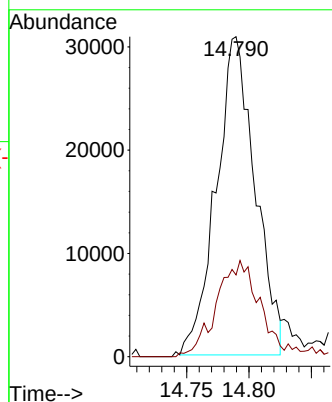
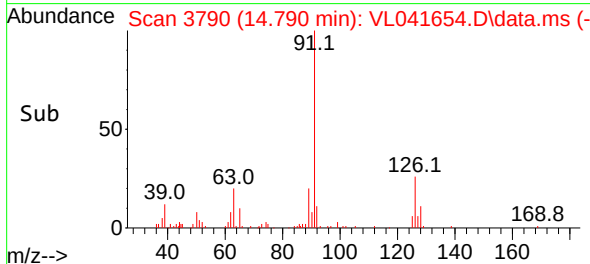
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



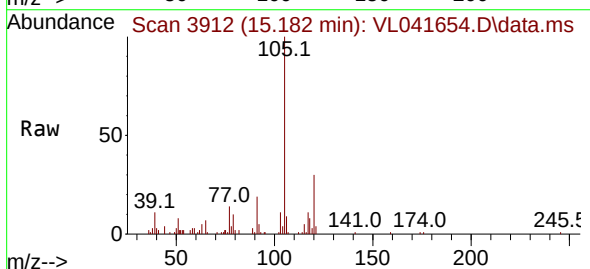
Tgt Ion: 91 Resp: 66818
Ion Ratio Lower Upper
91 100
126 35.3 12.9 51.5

Manual Integrations
APPROVED

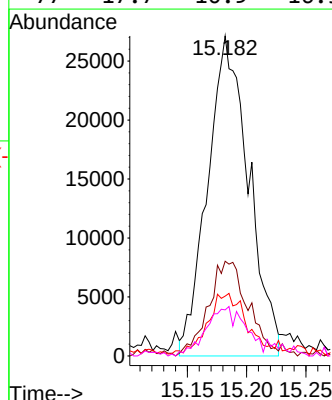
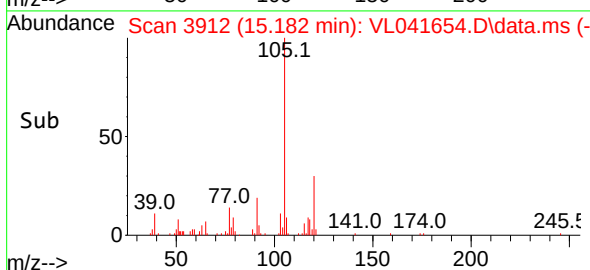
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

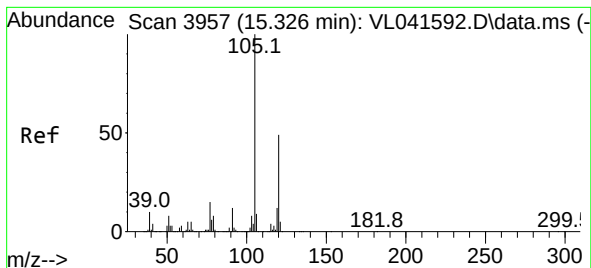


#72
4-Ethyltoluene
Concen: 0.251 ppbv m
RT: 15.182 min Scan# 3912
Delta R.T. 0.013 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40



Tgt Ion:105 Resp: 65404
Ion Ratio Lower Upper
105 100
120 30.6 24.1 36.1
91 20.0 10.2 15.2#
77 17.7 10.9 16.3#





#73

1,3,5-Trimethylbenzene

Concen: 0.247 ppbv

RT: 15.339 min Scan# 3957

Delta R.T. 0.013 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

ClientSampleId :

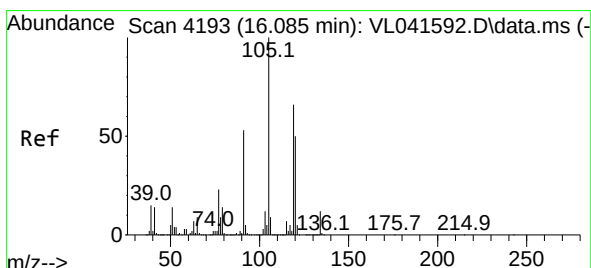
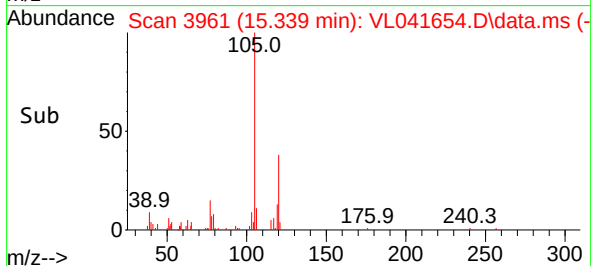
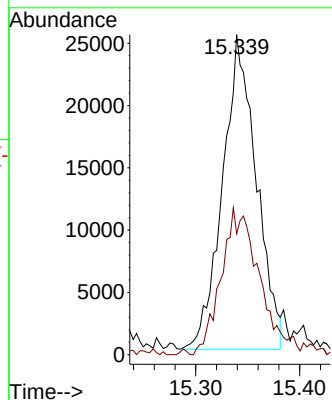
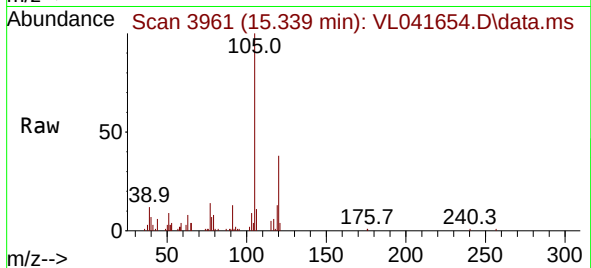
LOD-MDL-AIR-01-QT4-2024

Tgt Ion:105 Resp: 5695
 Ion Ratio Lower Upper
 105 100
 120 41.5 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: 0.284 ppbv

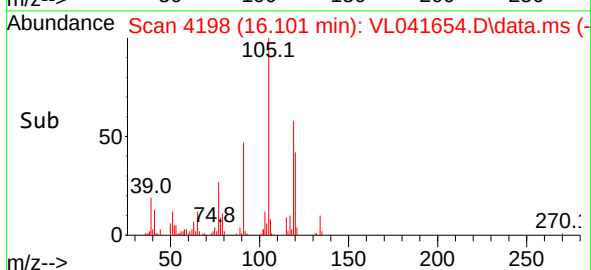
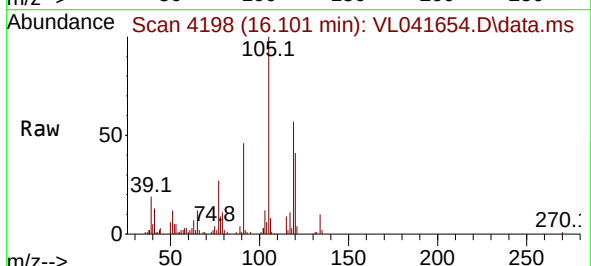
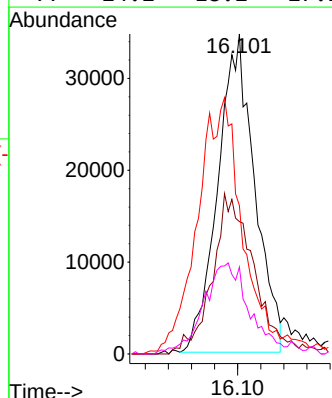
RT: 16.101 min Scan# 4198

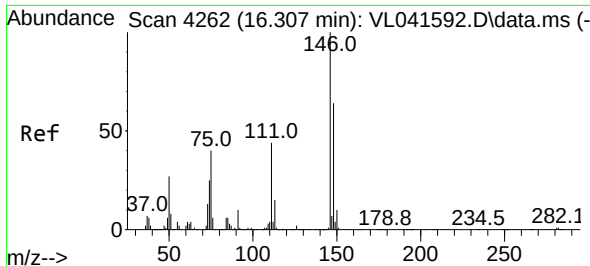
Delta R.T. 0.016 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

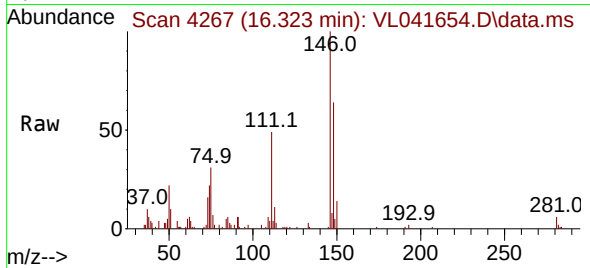
Tgt Ion:105 Resp: 76426
 Ion Ratio Lower Upper
 105 100
 120 39.8 39.9 59.9#
 91 42.0 42.6 63.8#
 77 24.2 18.2 27.2





#75
1,3-Dichlorobenzene
Concen: 0.344 ppbv m
RT: 16.323 min Scan# 4310
Delta R.T. 0.016 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

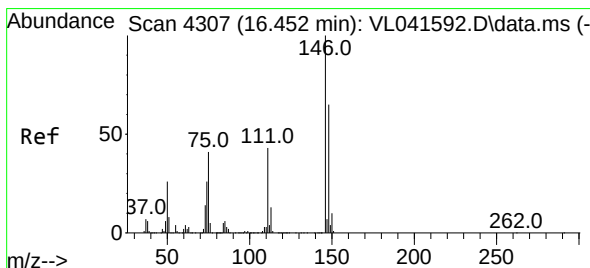
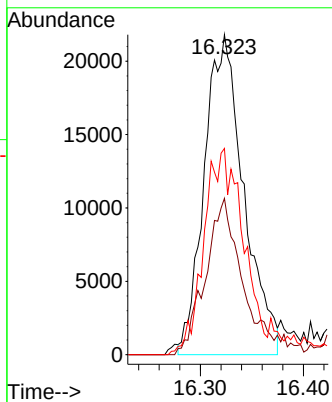
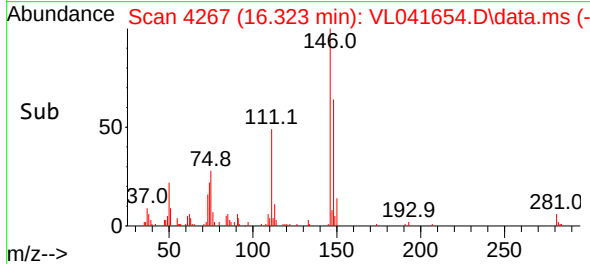
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:146 Resp: 58010
Ion Ratio Lower Upper
146 100
111 0.0 22.4 67.0
148 0.0 32.1 96.5

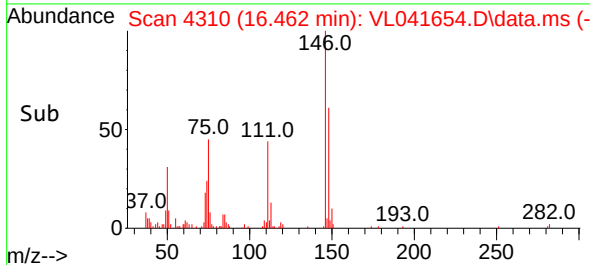
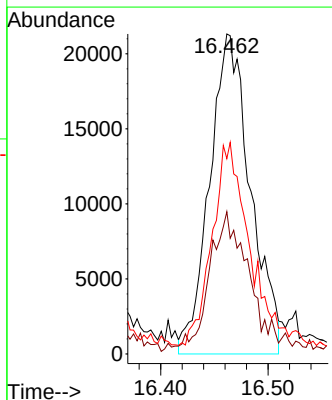
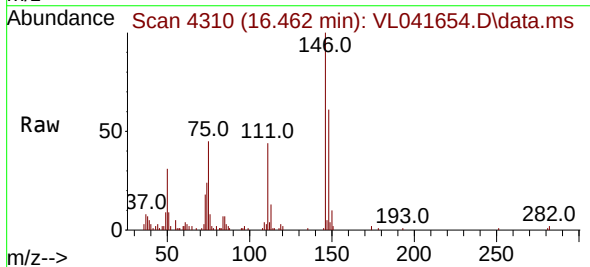
Manual Integrations
APPROVED

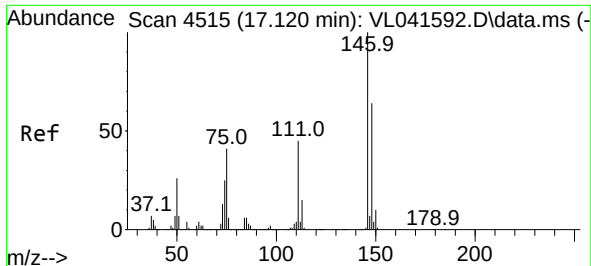
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#76
1,4-Dichlorobenzene
Concen: 0.349 ppbv m
RT: 16.462 min Scan# 4310
Delta R.T. 0.010 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

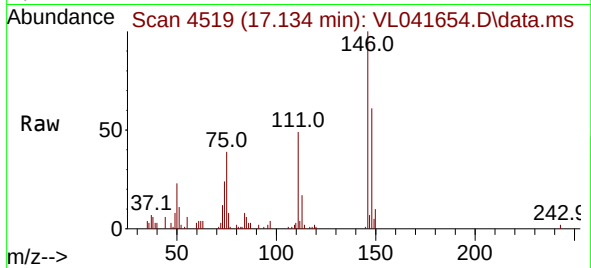
Tgt Ion:146 Resp: 56423
Ion Ratio Lower Upper
146 100
111 46.7 22.4 67.3
148 68.3 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 0.342 ppbv
RT: 17.134 min Scan# 4515
Delta R.T. 0.013 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

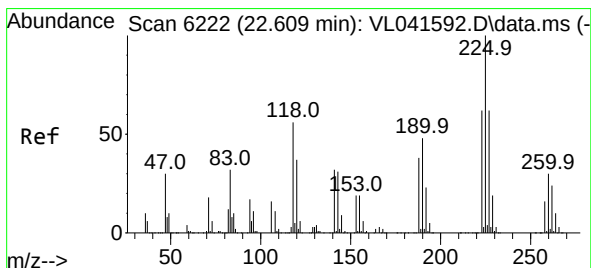
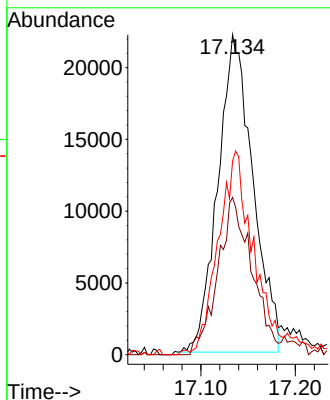
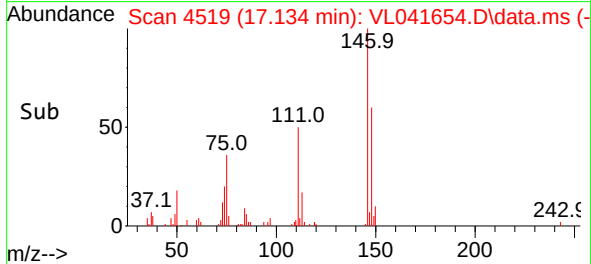
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:146 Resp: 5698
Ion Ratio Lower Upper
146 100
111 51.5 23.4 70.0
148 68.2 32.5 97.4

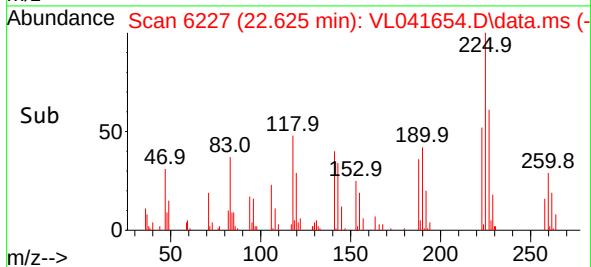
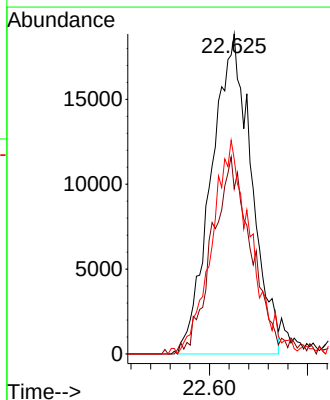
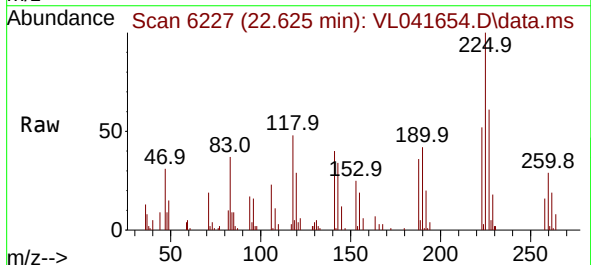
Manual Integrations
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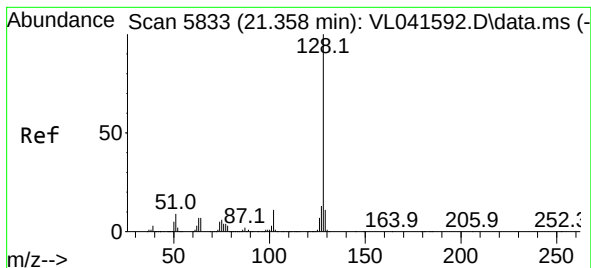
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#78
Hexachloro-1,3-Butadiene
Concen: 0.389 ppbv m
RT: 22.625 min Scan# 6227
Delta R.T. 0.016 min
Lab File: VL041654.D
Acq: 10 Oct 2024 22:40

Tgt Ion:225 Resp: 53514
Ion Ratio Lower Upper
225 100
223 61.8 50.6 75.8
227 66.2 50.9 76.3





#79

Naphthalene

Concen: 0.140 ppbv m

RT: 21.384 min Scan# 5841

Delta R.T. 0.026 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

Instrument :

MSVOA_L

ClientSampleId :

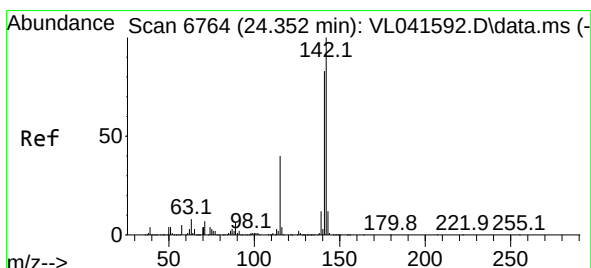
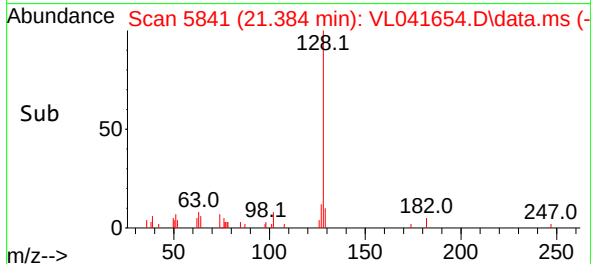
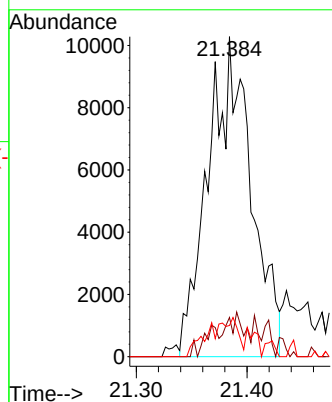
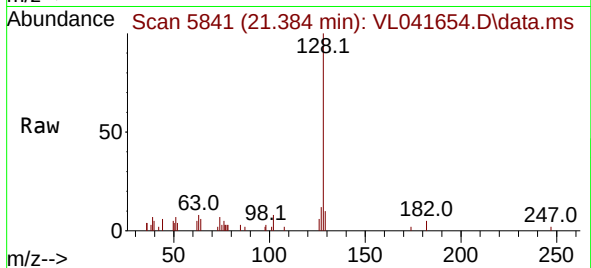
LOD-MDL-AIR-01-QT4-2024

Tgt Ion:	128	Resp:	2771
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.1	15.1
129	9.8	9.1	13.7

Manual Integrations

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



#80

Naphthalene,2-methyl-

Concen: 0.058 ppbv m

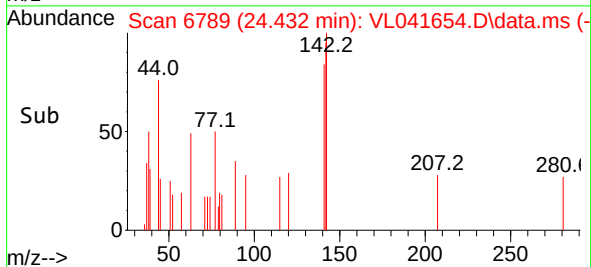
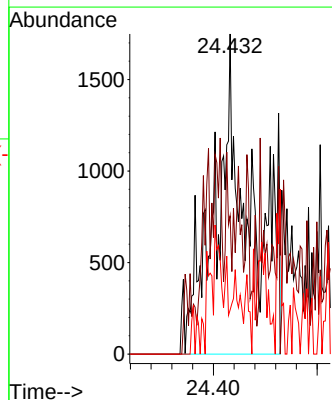
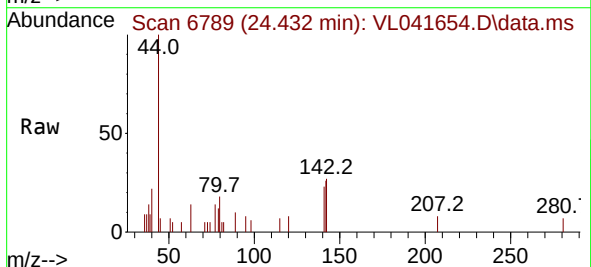
RT: 24.432 min Scan# 6789

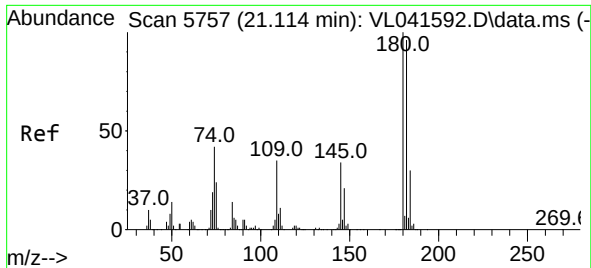
Delta R.T. 0.081 min

Lab File: VL041654.D

Acq: 10 Oct 2024 22:40

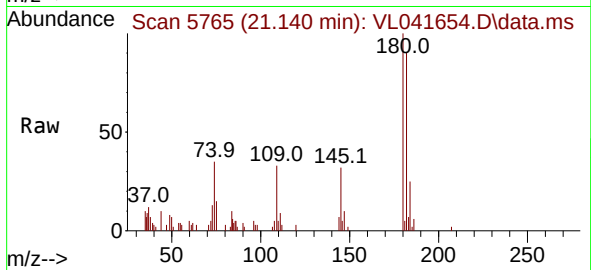
Tgt Ion:	142	Resp:	8034
Ion Ratio	Lower	Upper	
142	100		
141	43.8	66.3	99.5#
115	26.8	31.4	47.2#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.176 ppbv m
 RT: 21.140 min Scan# 51
 Delta R.T. 0.026 min
 Lab File: VL041654.D
 Acq: 10 Oct 2024 22:40

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



Tgt Ion:180	Resp:	2214
Ion Ratio	Lower	Upper
180	100	
182	104.0	76.5 114.7
184	33.9	24.7 37.1

Manual Integrations
 APPROVED

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

