

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041476.D
 Acq On : 1 Aug 2024 13:30
 Operator : SY/MD
 Sample : P3390-15 0.1 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024

Quant Time: Aug 02 05:23:01 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Fri Aug 02 03:13:29 2024

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/02/2024
 Supervised By : Mahesh Dadoda 08/03/2024

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

Internal Standards						
1) Bromochloromethane	5.195	49	881438	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2418368	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2222196	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1700515	9.944	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.732	85	18224	0.120	ppbv	96
3) Chlorodifluoromethane	2.681	51	13846	0.132	ppbv	98
4) Chloromethane	2.819	50	6433	0.115	ppbv	# 85
5) Vinyl Chloride	2.925	62	5211	0.095	ppbv	97
6) Bromomethane	3.127	94	3385	0.120	ppbv	# 54
7) Chloroethane	3.201	64	2528	0.133	ppbv	# 76
8) Dichlorotetrafluoroethane	2.861	85	16860	0.125	ppbv	100
9) Propene	2.697	41	9547m	0.198	ppbv	
10) Heptane	7.581	43	8161m	0.075	ppbv	
11) Trichlorofluoromethane	3.565	101	15430m	0.115	ppbv	
12) 1,1,2-Trichlorotrifluo...	4.066	101	11059	0.114	ppbv	91
13) Ethanol	3.266	45	372m	0.086	ppbv	
14) Bromoethene	3.365	108	4268m	0.113	ppbv	
15) Acetone	3.494	43	21021	0.210	ppbv	# 83
16) 1,3-Butadiene	2.986	39	4731	0.088	ppbv	# 77
17) tert-Butyl alcohol	3.906	59	10414m	0.114	ppbv	
18) 1,1-Dichloroethene	3.883	96	4820	0.116	ppbv	# 74
19) Isopropyl Alcohol	3.610	45	7917m	0.135	ppbv	
20) Methylene Chloride	3.935	84	8165	0.219	ppbv	98
21) Allyl Chloride	3.999	41	7144	0.109	ppbv	# 94
22) trans-1,2-Dichloroethene	4.452	96	4953m	0.119	ppbv	
23) Vinyl Acetate	4.639	43	8973m	0.117	ppbv	
24) 1,1-Dichloroethane	4.561	63	9597m	0.107	ppbv	
25) Ethyl Acetate	5.217	43	20389m	0.102	ppbv	
26) Hexane	5.217	57	8678m	0.105	ppbv	
27) Carbon Disulfide	4.131	76	7878m	0.082	ppbv	
28) Methyl tert-Butyl Ether	4.610	73	5069m	0.097	ppbv	
29) Chloroform	5.272	83	15920	0.118	ppbv	89
30) Cyclohexane	6.597	84	5662m	0.084	ppbv	
31) cis-1,2-Dichloroethene	5.086	61	6561m	0.080	ppbv	
32) 1,1,1-Trichloroethane	5.996	97	12488m	0.095	ppbv	
34) 2-Butanone	4.812	43	13349m	0.114	ppbv	
35) Carbon Tetrachloride	6.500	117	12207m	0.092	ppbv	
36) Benzene	6.372	78	15449	0.087	ppbv	# 74
37) 1,2-Dichloroethane	5.806	62	12010m	0.121	ppbv	
38) Trichloroethene	7.285	130	8423m	0.104	ppbv	
39) 1,2-Dichloropropane	7.076	63	9056m	0.134	ppbv	
40) 1,4-Dioxane	7.346	88	2568m	0.094	ppbv	
41) Tetrahydrofuran	5.600	42	5430m	0.081	ppbv	
42) Bromodichloromethane	7.256	83	13295m	0.093	ppbv	
43) Methyl Methacrylate	7.494	69	5038m	0.080	ppbv	
44) 2,2,4-Trimethylpentane	7.327	57	23853m	0.081	ppbv	
45) t-1,3-Dichloropropene	8.722	75	3433m	0.059	ppbv	

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

Quant Time: Aug 02 05:23:01 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

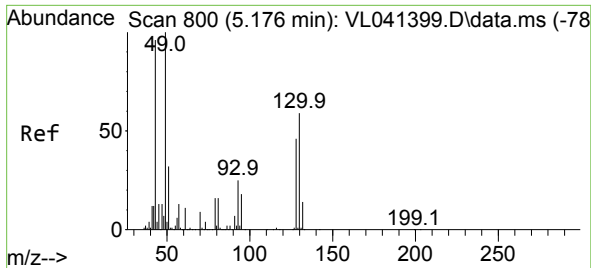
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Fri Aug 02 03:13:29 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	5763m	0.068	ppbv	
47) 1,1,2-Trichloroethane	8.893	97	8153m	0.109	ppbv	
48) Dibromochloromethane	9.706	129	9301m	0.077	ppbv	
49) Bromoform	12.413	173	6934m	0.068	ppbv	
51) 2-Hexanone	9.593	43	11476m	0.082	ppbv	
52) Tetrachloroethene	10.619	164	6635m	0.097	ppbv	
53) Toluene	9.214	91	15020m	0.076	ppbv	
54) 1,2-Dibromoethane	10.015	107	8801m	0.089	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.507	131	9134m	0.106	ppbv	
57) Chlorobenzene	11.526	112	19575m	0.124	ppbv	
58) Ethyl Benzene	12.085	91	18361m	0.072	ppbv	
59) m/p-Xylene	12.362	91	28092m	0.127	ppbv	
60) o-Xylene	13.069	91	13120m	0.063	ppbv	
61) Styrene	12.892	104	5537m	0.059	ppbv	
62) Isopropylbenzene	14.034	105	28282m	0.089	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.060	83	14949m	0.113	ppbv	
64) n-propylbenzene	14.915	120	5203m	0.063	ppbv	
65) tert-Butylbenzene	16.092	119	18441m	0.064	ppbv	
66) Benzyl Chloride	16.339	91	1397m	0.076	ppbv	
67) sec-Butylbenzene	16.648	105	27359m	0.069	ppbv	
69) p-Isopropyltoluene	17.005	119	19164m	0.058	ppbv	
70) n-Butylbenzene	17.905	91	21133m	0.063	ppbv	
71) 2-Chlorotoluene	14.805	91	16551m	0.071	ppbv	
72) 4-Ethyltoluene	15.191	105	14548m	0.059	ppbv	
73) 1,3,5-Trimethylbenzene	15.342	105	15947m	0.075	ppbv	
74) 1,2,4-Trimethylbenzene	16.111	105	15783m	0.064	ppbv	
75) 1,3-Dichlorobenzene	16.326	146	15552m	0.100	ppbv	
76) 1,4-Dichlorobenzene	16.474	146	14545m	0.097	ppbv	
77) 1,2-Dichlorobenzene	17.153	146	13988m	0.091	ppbv	
78) Hexachloro-1,3-Butadiene	22.644	225	16179m	0.123	ppbv	
79) Naphthalene	21.394	128	10894m	0.050	ppbv	
81) 1,2,4-Trichlorobenzene	21.172	180	8331m	0.064	ppbv	

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



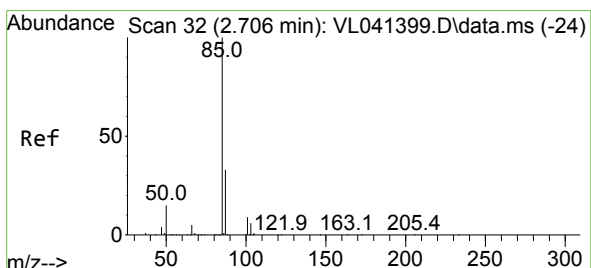
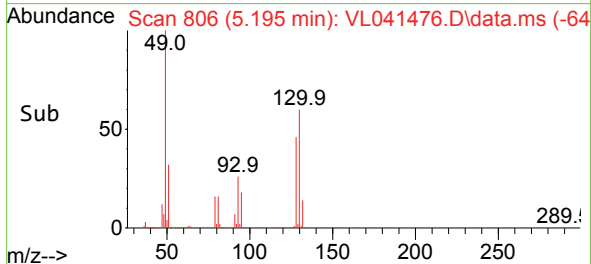
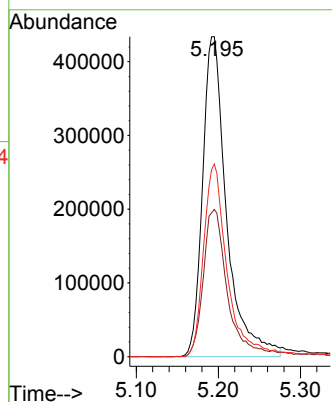
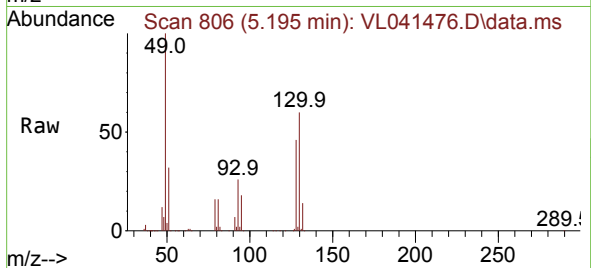
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024

Tgt Ion: 49 Resp: 881438
Ion Ratio Lower Upper
49 100
128 47.9 23.8 71.4
130 61.4 30.8 92.4

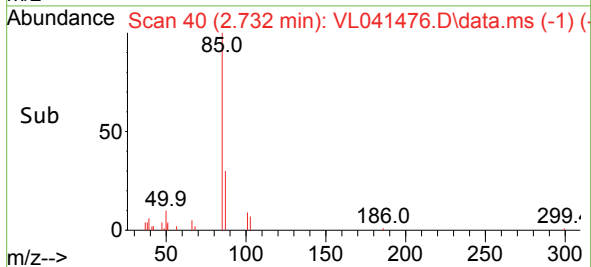
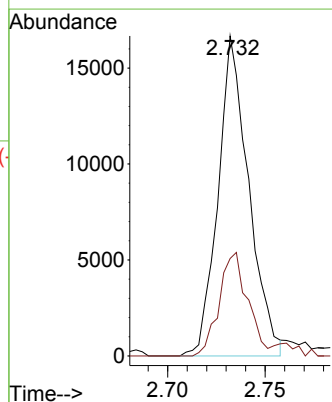
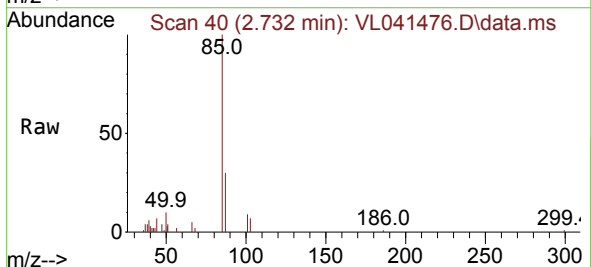
Manual Integrations
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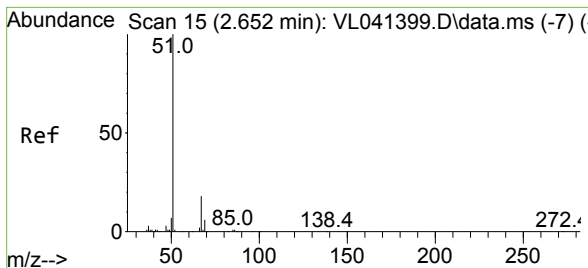
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#2
Dichlorodifluoromethane
Concen: 0.120 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

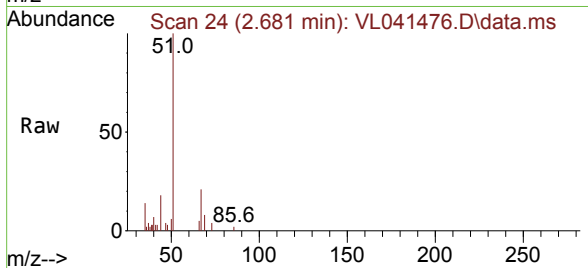
Tgt Ion: 85 Resp: 18224
Ion Ratio Lower Upper
85 100
87 30.5 26.0 39.0





#3
Chlorodifluoromethane
Concen: 0.132 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.006 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

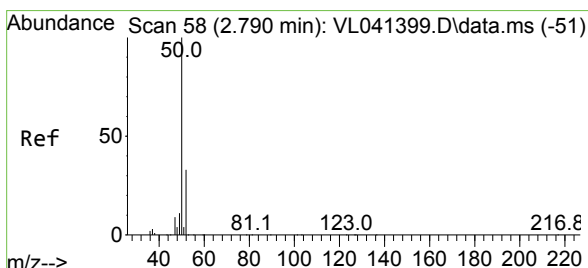
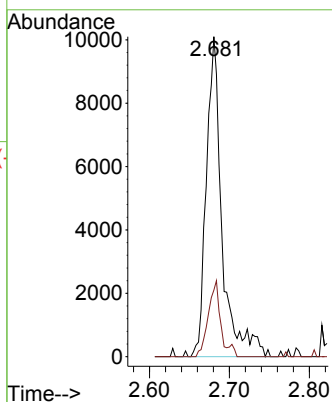
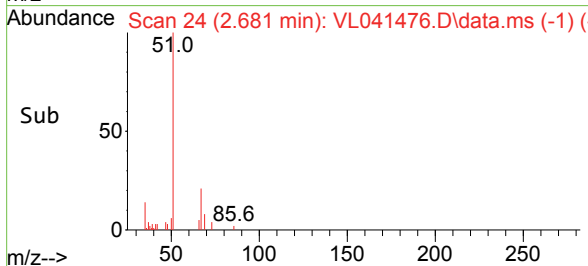
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 51 Resp: 13840
Ion Ratio Lower Upper
51 100
67 18.8 14.5 21.7

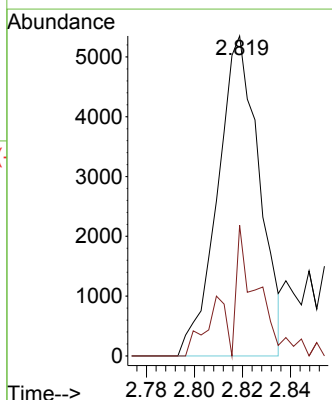
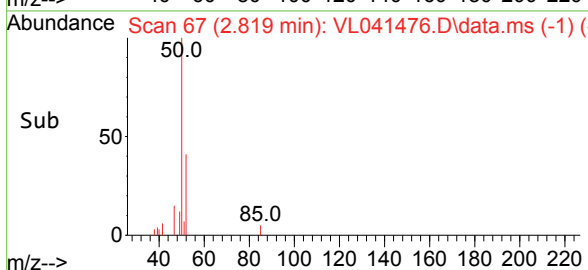
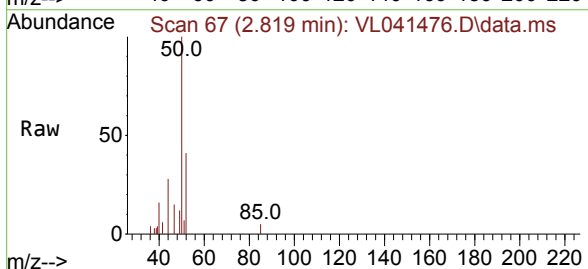
Manual Integrations
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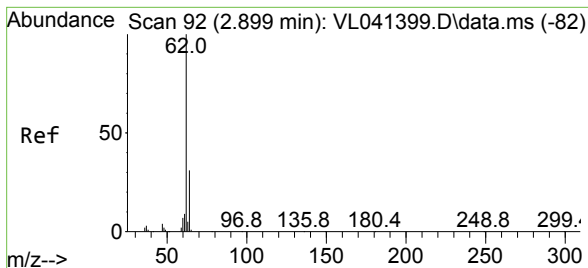
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#4
Chloromethane
Concen: 0.115 ppbv
RT: 2.819 min Scan# 67
Delta R.T. 0.006 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

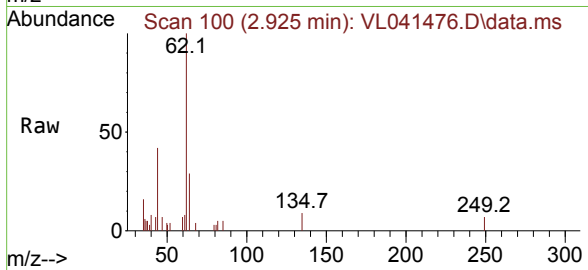
Tgt Ion: 50 Resp: 6433
Ion Ratio Lower Upper
50 100
52 40.9 26.1 39.1#





#5
 Vinyl Chloride
 Concen: 0.095 ppbv
 RT: 2.925 min Scan# 100
 Delta R.T. 0.003 min
 Lab File: VL041476.D
 Acq: 1 Aug 2024 13:30

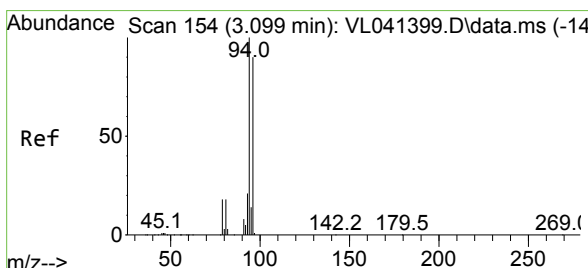
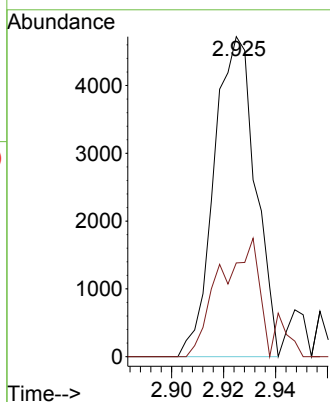
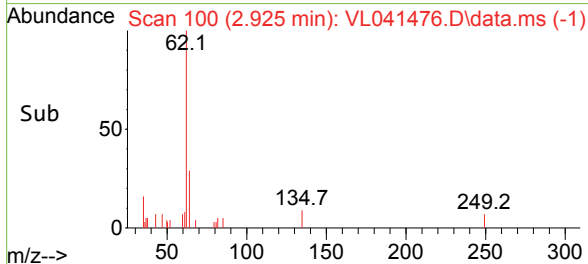
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024



Tgt Ion: 62 Resp: 521
 Ion Ratio Lower Upper
 62 100
 64 29.3 25.0 37.4

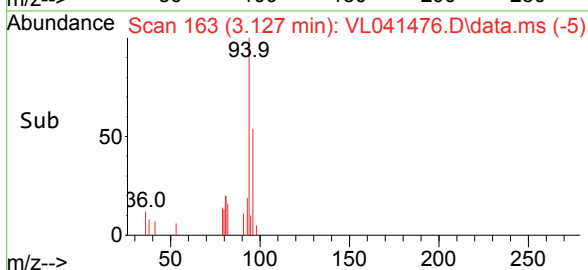
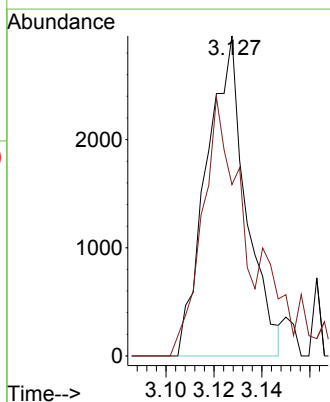
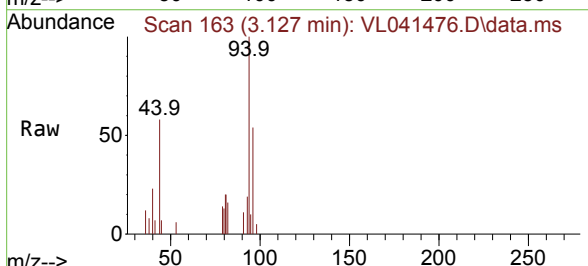
Manual Integrations
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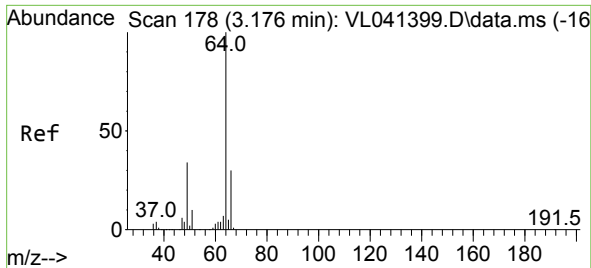
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#6
 Bromomethane
 Concen: 0.120 ppbv
 RT: 3.127 min Scan# 163
 Delta R.T. 0.009 min
 Lab File: VL041476.D
 Acq: 1 Aug 2024 13:30

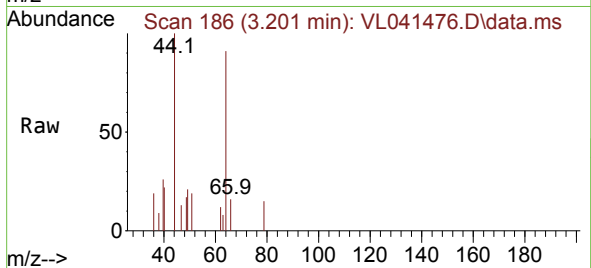
Tgt Ion: 94 Resp: 3385
 Ion Ratio Lower Upper
 94 100
 96 47.3 72.3 108.5





#7
Chloroethane
Concen: 0.133 ppbv
RT: 3.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

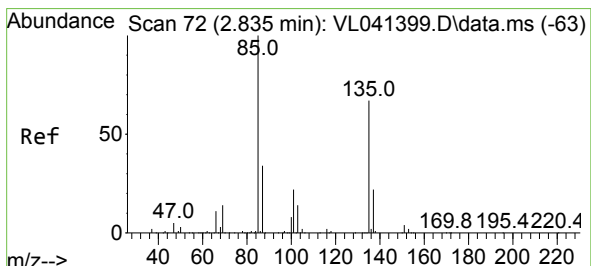
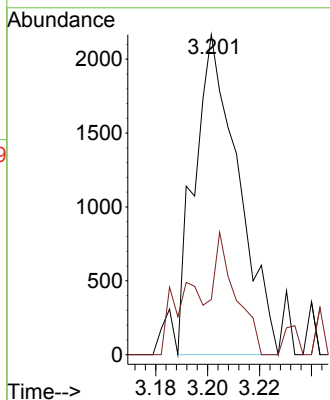
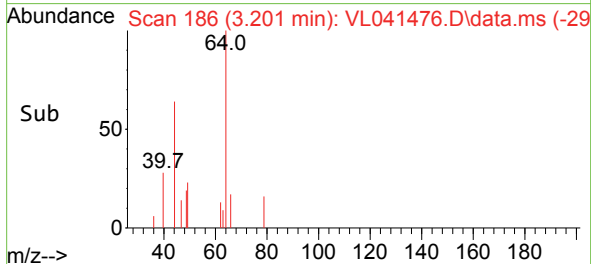
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 64 Resp: 2528
Ion Ratio Lower Upper
64 100
66 17.3 24.2 36.2

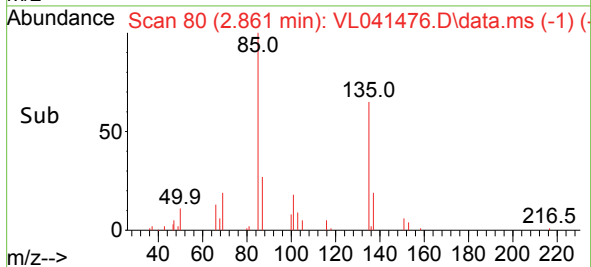
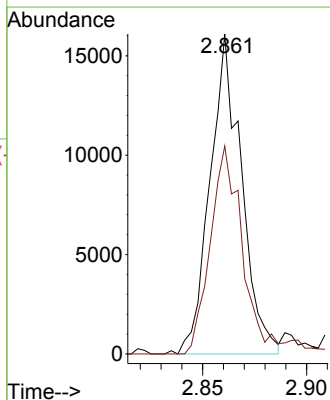
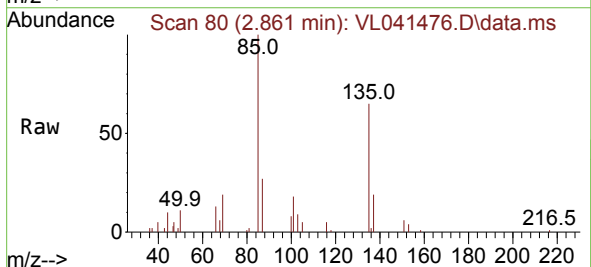
Manual Integrations
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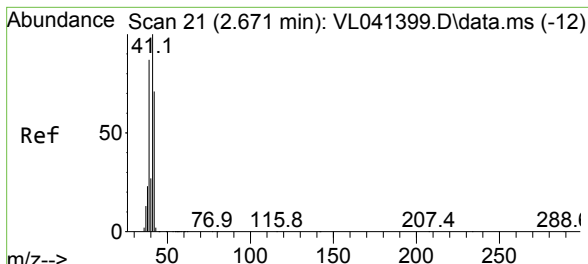
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#8
Dichlorotetrafluoroethane
Concen: 0.125 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

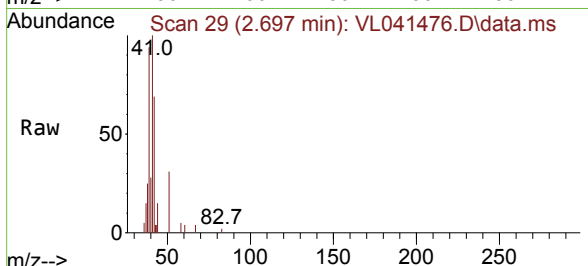
Tgt Ion: 85 Resp: 16860
Ion Ratio Lower Upper
85 100
135 69.5 55.4 83.0





#9
Propene
Concen: 0.198 ppbv m
RT: 2.697 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

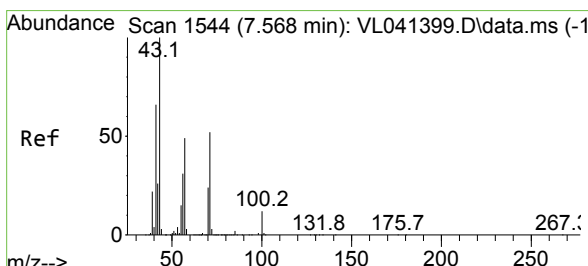
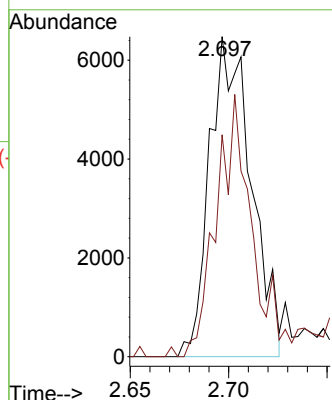
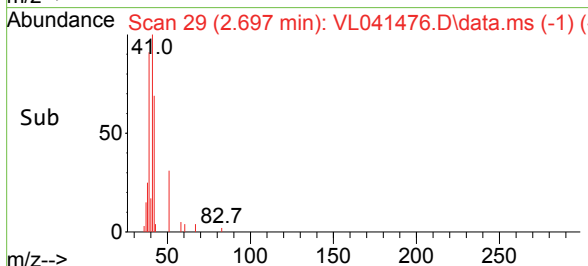
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



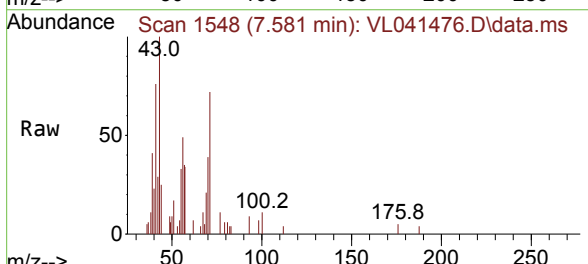
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Ion Ratio Lower Upper
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42 0.0 55.9 83.9

Manual Integrations
APPROVED

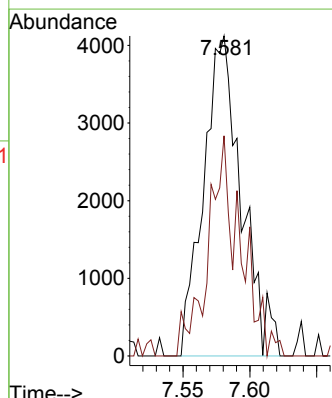
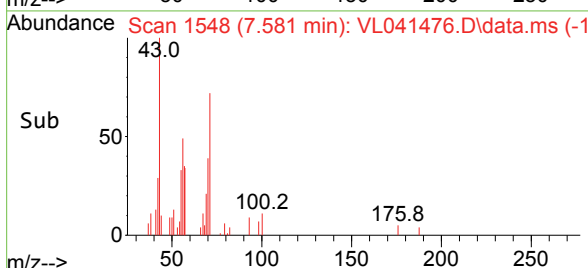
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

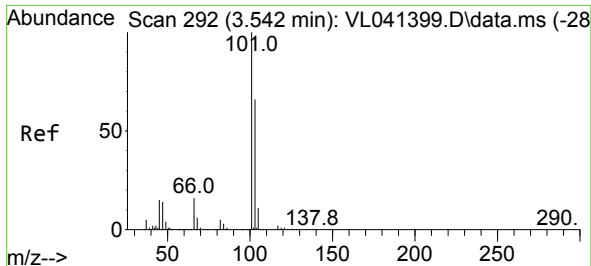


#10
Heptane
Concen: 0.075 ppbv m
RT: 7.581 min Scan# 1548
Delta R.T. 0.003 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30



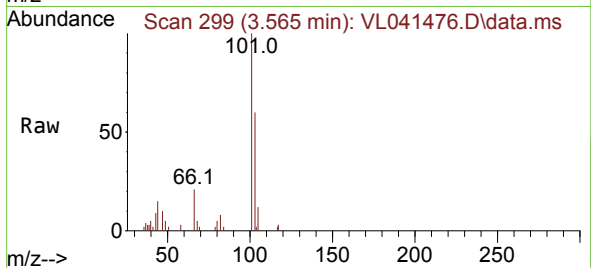
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Ion Ratio Lower Upper
43 100
57 58.1 40.5 60.7





#11
Trichlorofluoromethane
Concen: 0.115 ppbv m
RT: 3.565 min Scan# 292
Delta R.T. 0.003 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

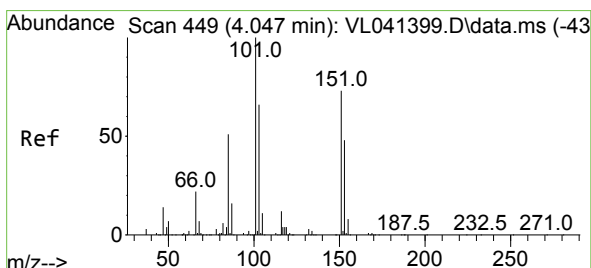
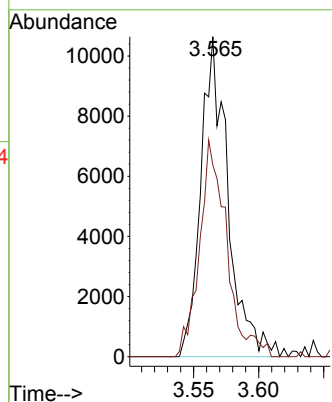
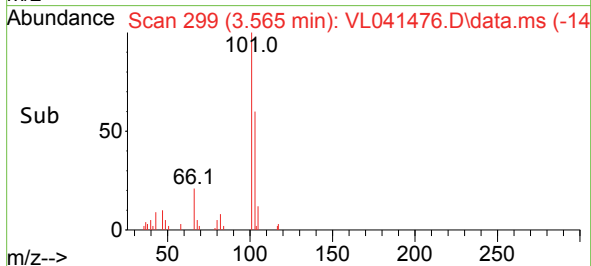
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion:101 Resp: 15430
Ion Ratio Lower Upper
101 100
103 59.9 52.6 79.0

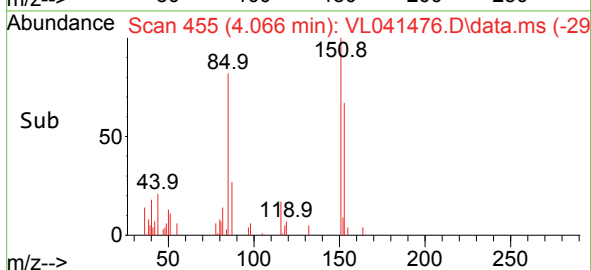
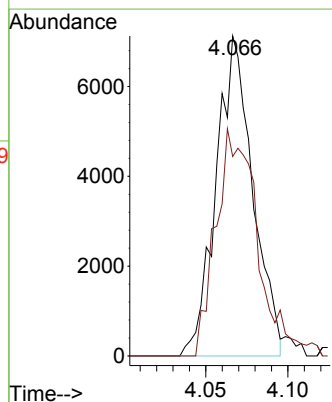
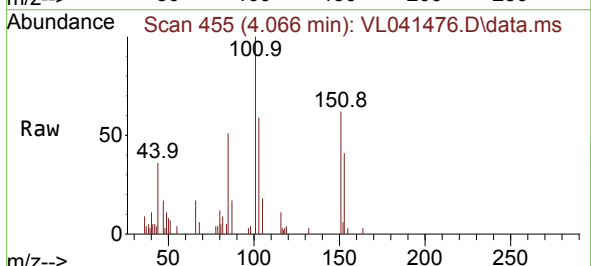
Manual Integrations
APPROVED

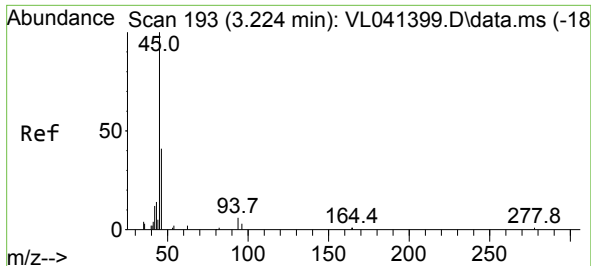
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.114 ppbv
RT: 4.066 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

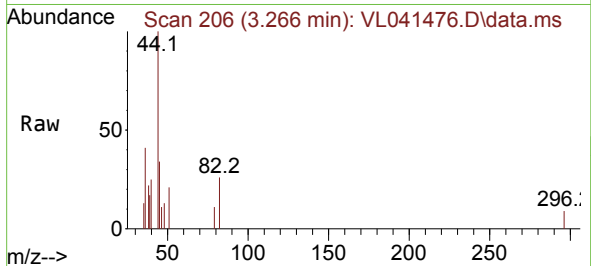
Tgt Ion:101 Resp: 11059
Ion Ratio Lower Upper
101 100
151 82.0 59.4 89.2





#13
Ethanol
Concen: 0.086 ppbv m
RT: 3.266 min Scan# 206
Delta R.T. 0.019 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

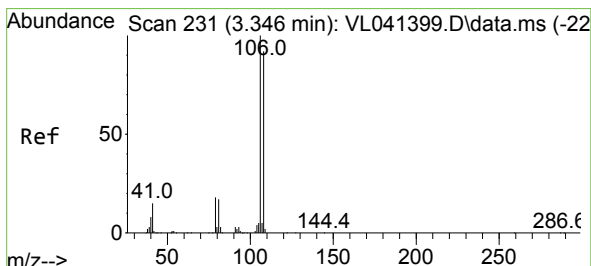
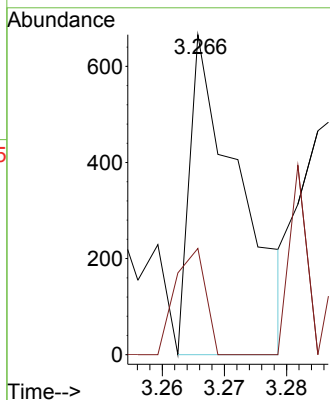
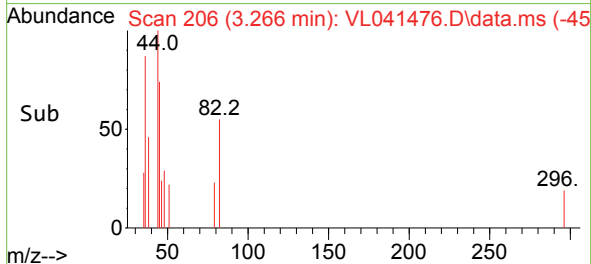
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



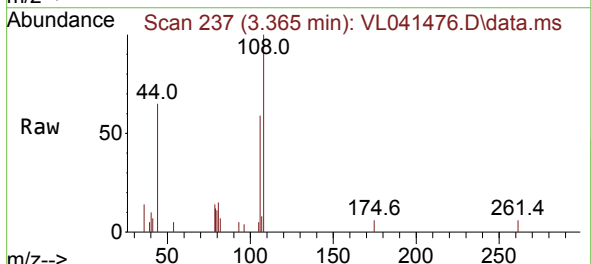
Tgt Ion: 45 Resp: 372
Ion Ratio Lower Upper
45 100
46 0.0 13.4 53.4

Manual Integrations
APPROVED

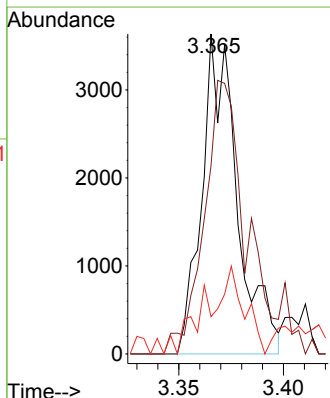
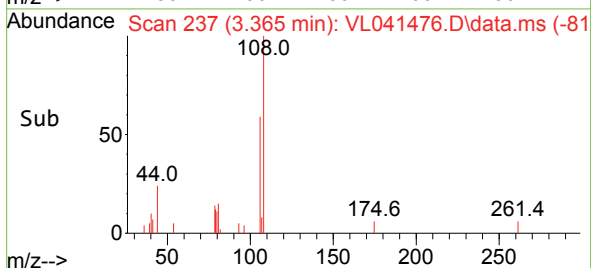
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

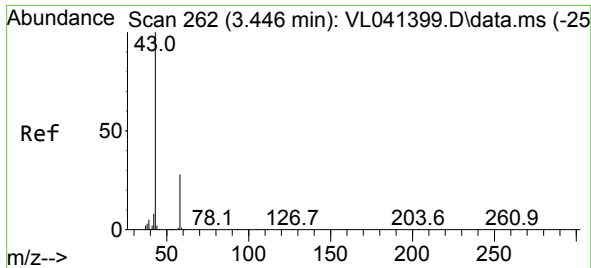


#14
Bromoethene
Concen: 0.113 ppbv m
RT: 3.365 min Scan# 237
Delta R.T. 0.003 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30



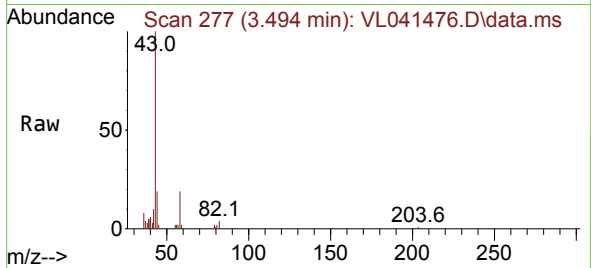
Tgt Ion:108 Resp: 4268
Ion Ratio Lower Upper
108 100
106 111.9 86.9 130.3
79 35.6 16.2 24.4





#15
Acetone
Concen: 0.210 ppbv
RT: 3.494 min Scan# 2102
Delta R.T. 0.029 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

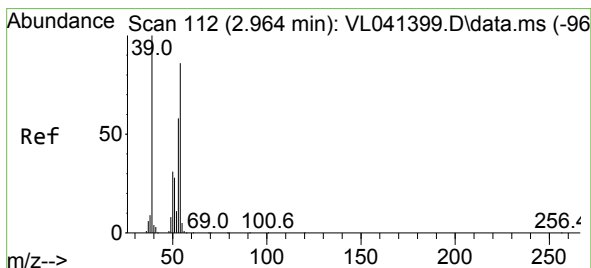
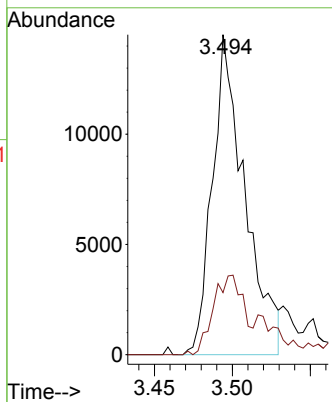
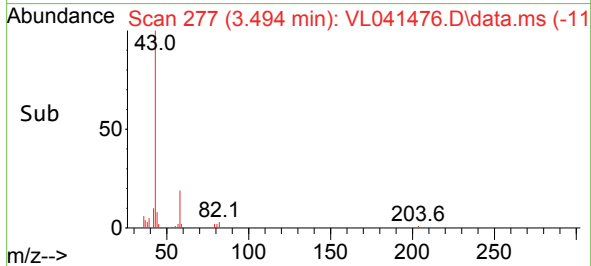
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 43 Resp: 2102
Ion Ratio Lower Upper
43 100
58 35.3 21.4 32.2

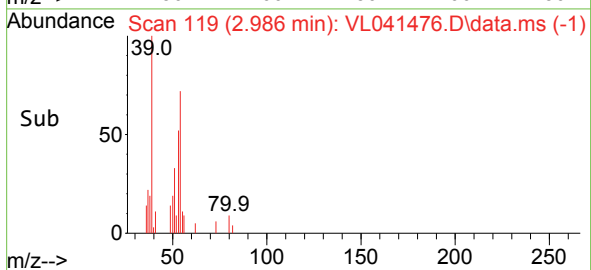
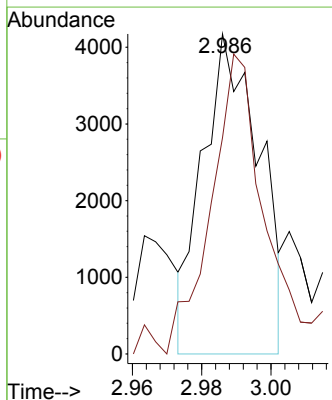
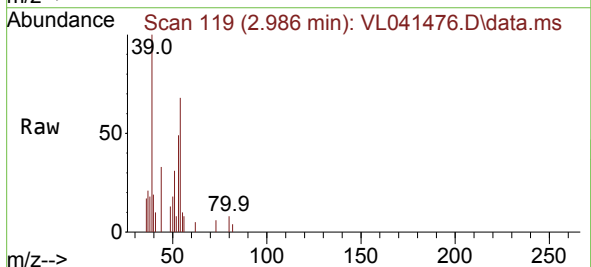
Manual Integrations
APPROVED

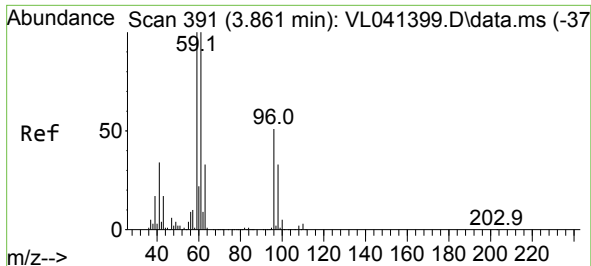
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#16
1,3-Butadiene
Concen: 0.088 ppbv
RT: 2.986 min Scan# 119
Delta R.T. -0.000 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

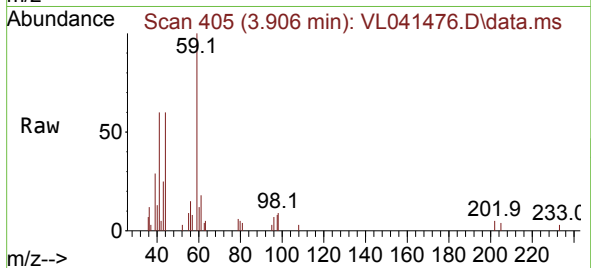
Tgt Ion: 39 Resp: 4731
Ion Ratio Lower Upper
39 100
54 98.1 62.5 93.7





#17
tert-Butyl alcohol
Concen: 0.114 ppbv
RT: 3.906 min Scan# 405
Delta R.T. 0.032 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

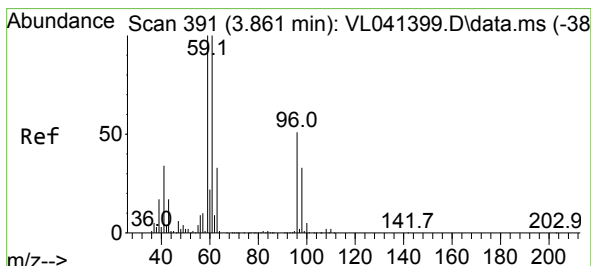
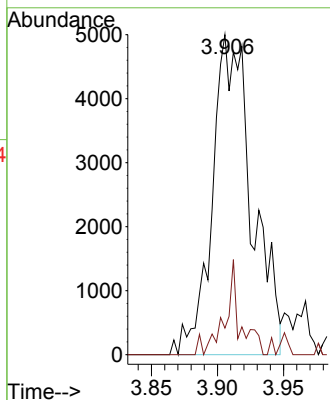
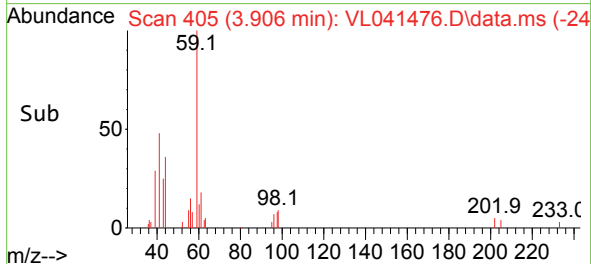
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



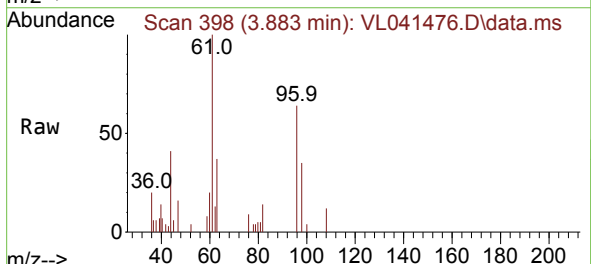
Tgt Ion: 59 Resp: 10414
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8

Manual Integrations
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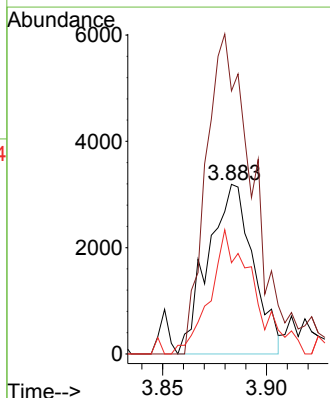
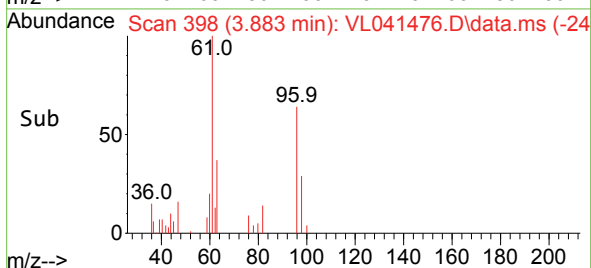
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

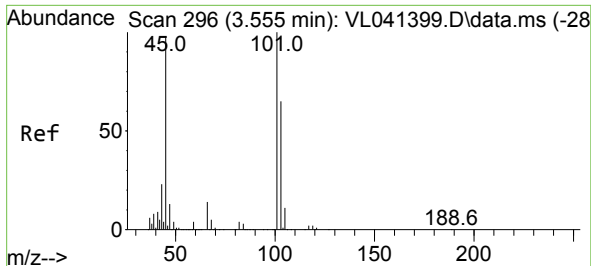


#18
1,1-Dichloroethene
Concen: 0.116 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.006 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30



Tgt Ion: 96 Resp: 4820
Ion Ratio Lower Upper
96 100
61 155.1 157.5 236.3#
98 48.7 51.2 76.8#





#19

Isopropyl Alcohol

Concen: 0.135 ppbv

RT: 3.610 min Scan# 313

Delta R.T. 0.035 min

Lab File: VL041476.D

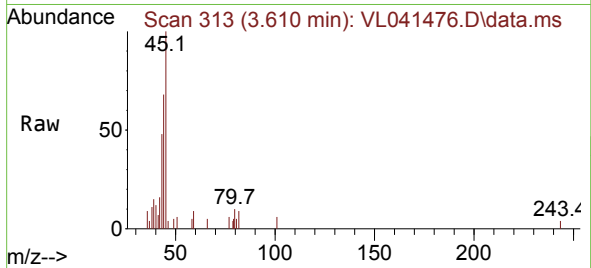
Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

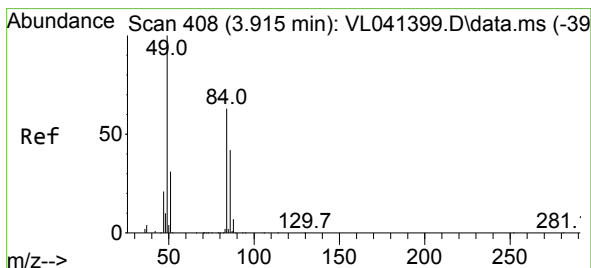
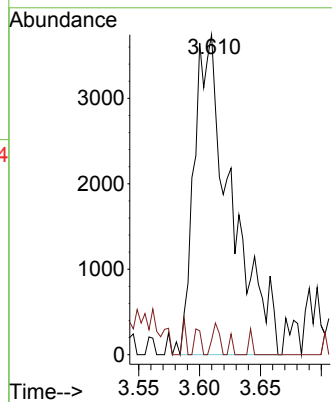
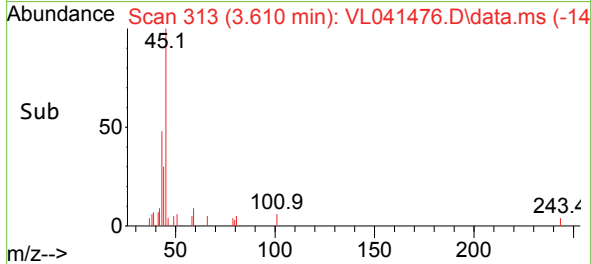


Tgt Ion:	45	Resp:	791
Ion Ratio	Lower	Upper	
45	100		
58	0.0	1.9	2.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#20

Methylene Chloride

Concen: 0.219 ppbv

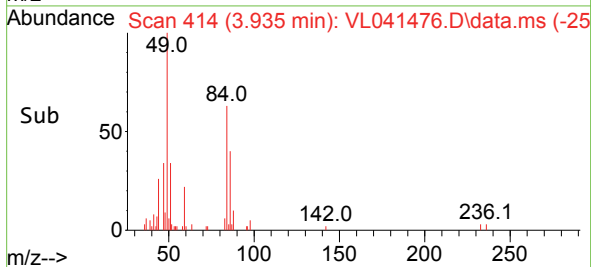
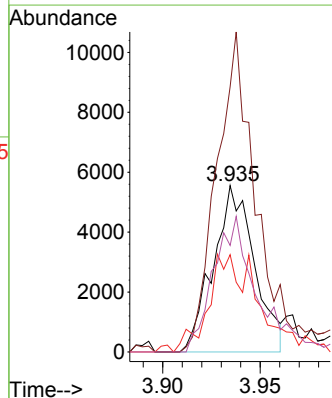
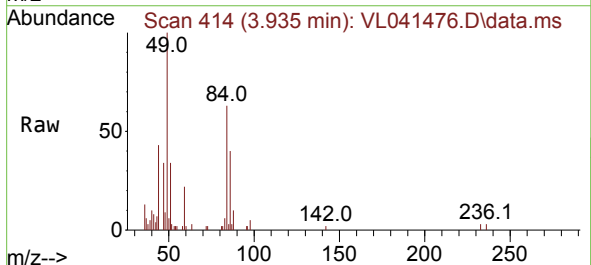
RT: 3.935 min Scan# 414

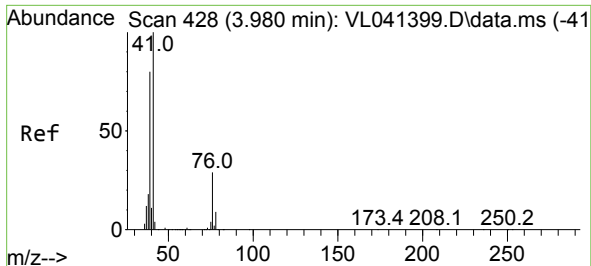
Delta R.T. 0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Tgt Ion:	84	Resp:	8165
Ion Ratio	Lower	Upper	
84	100		
49	159.4	126.6	190.0
51	53.5	38.6	58.0
86	64.0	53.0	79.4





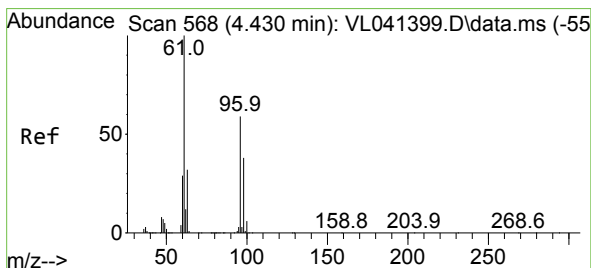
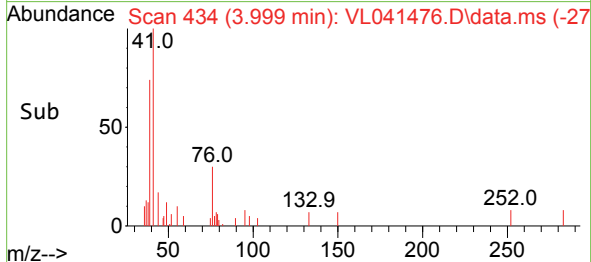
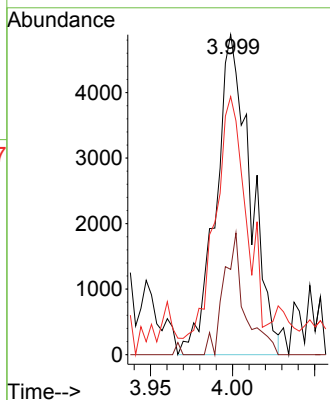
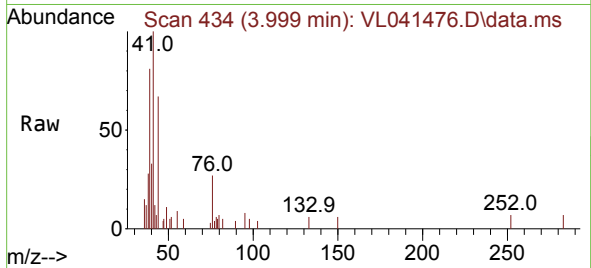
#21
 Allyl Chloride
 Concen: 0.109 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041476.D
 Acq: 1 Aug 2024 13:30

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024

Tgt Ion: 41 Resp: 7144
 Ion Ratio Lower Upper
 41 100
 76 23.0 23.7 35.5
 39 77.2 64.3 96.5

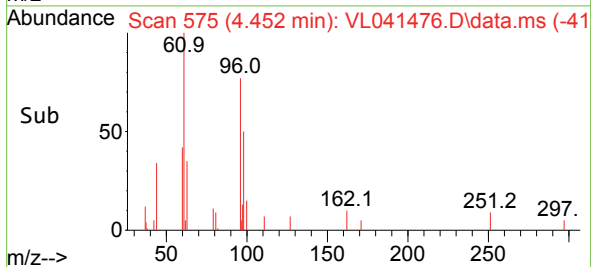
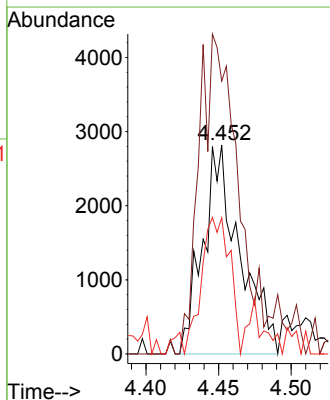
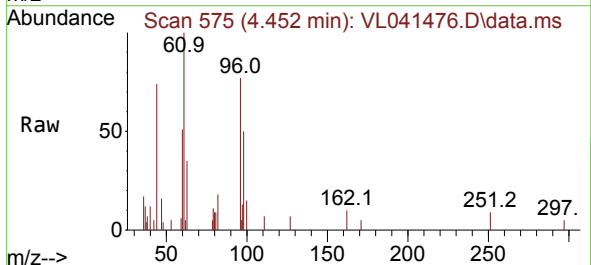
Manual Integrations
 APPROVED

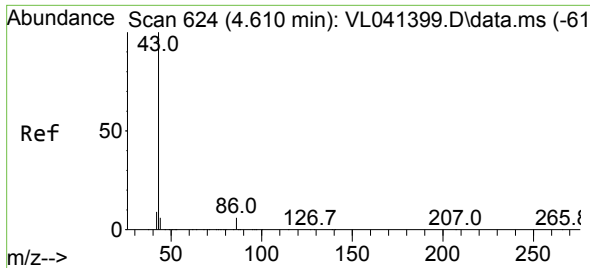
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#22
 trans-1,2-Dichloroethene
 Concen: 0.119 ppbv m
 RT: 4.452 min Scan# 575
 Delta R.T. 0.009 min
 Lab File: VL041476.D
 Acq: 1 Aug 2024 13:30

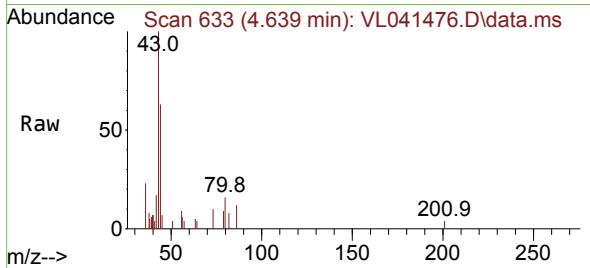
Tgt Ion: 96 Resp: 4953
 Ion Ratio Lower Upper
 96 100
 61 130.6 135.4 203.2#
 98 65.2 51.0 76.4





#23
 Vinyl Acetate
 Concen: 0.117 ppbv m
 RT: 4.639 min Scan# 61
 Delta R.T. 0.013 min
 Lab File: VL041476.D
 Acq: 1 Aug 2024 13:30

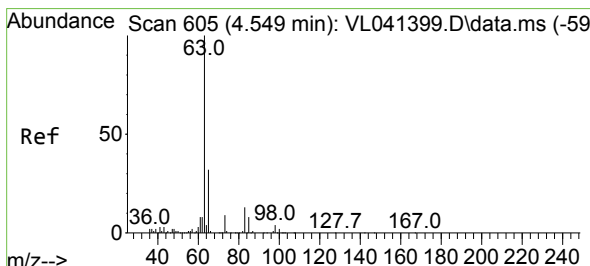
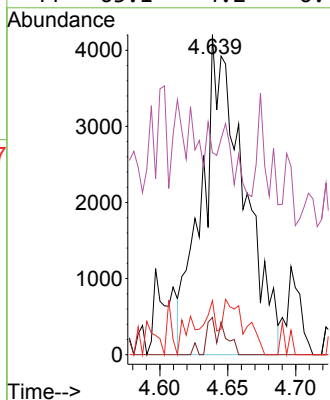
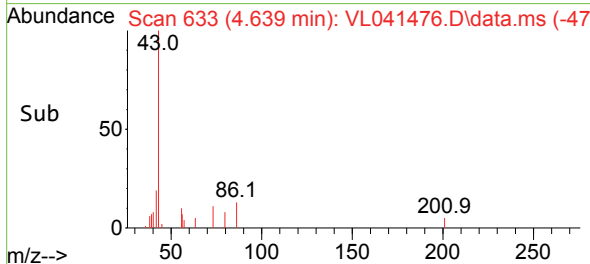
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024



Tgt Ion:	43	Resp:	897
Ion	Ratio	Lower	Upper
43	100		
86	11.7	4.6	6.8
42	16.9	7.9	11.9
44	63.1	4.2	6.4

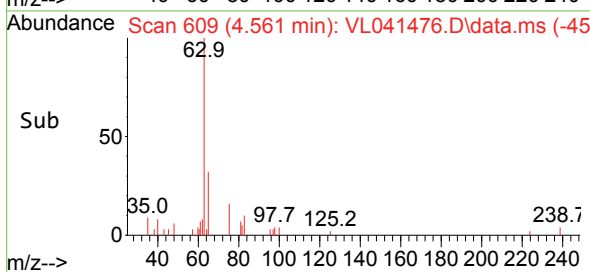
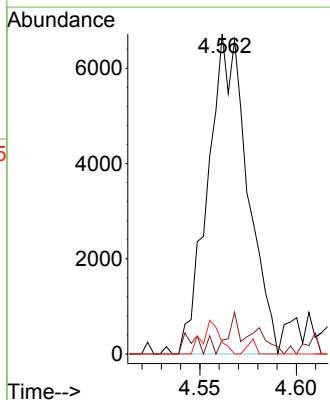
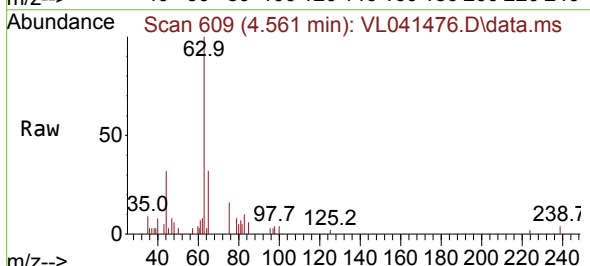
Manual Integrations
 APPROVED

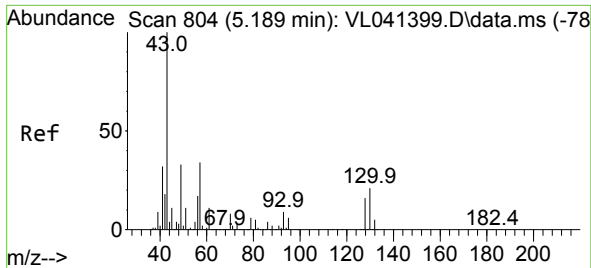
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#24
 1,1-Dichloroethane
 Concen: 0.107 ppbv m
 RT: 4.561 min Scan# 609
 Delta R.T. -0.000 min
 Lab File: VL041476.D
 Acq: 1 Aug 2024 13:30

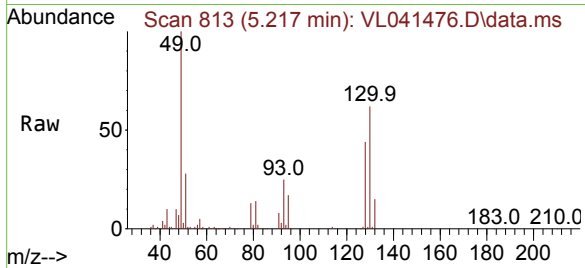
Tgt Ion:	63	Resp:	9597
Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.0	6.0
100	3.5	1.2	3.6





#25
Ethyl Acetate
Concen: 0.102 ppbv m
RT: 5.217 min Scan# 813
Delta R.T. 0.016 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

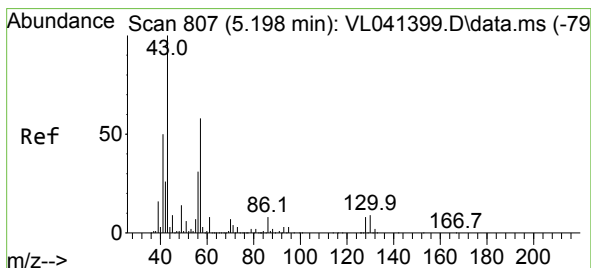
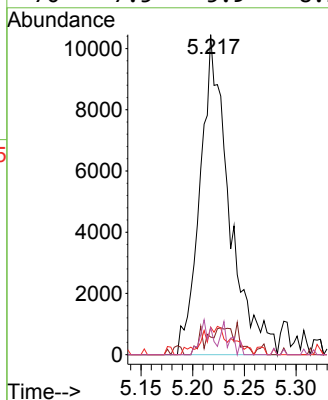
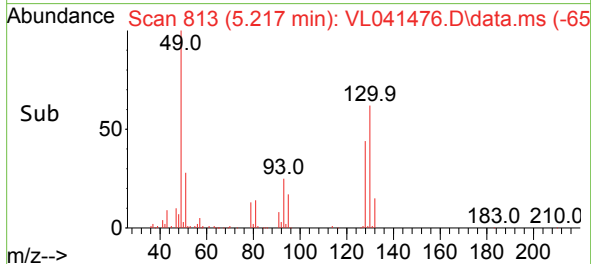
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2024



Tgt Ion: 43 Resp: 20389
Ion Ratio Lower Upper
43 100
45 0.0 8.5 12.7
61 0.0 8.0 12.0
70 7.5 5.9 8.9

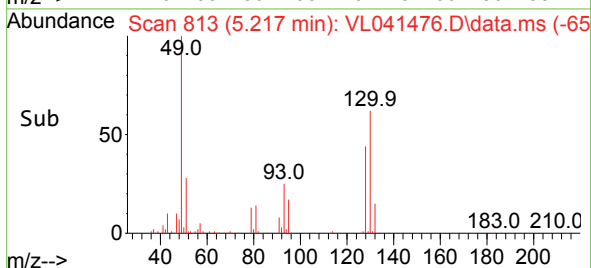
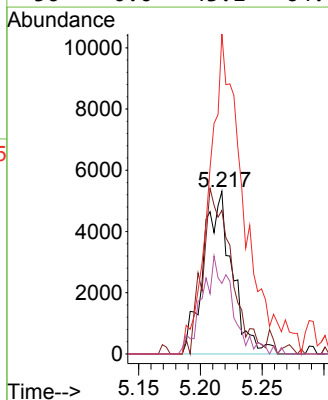
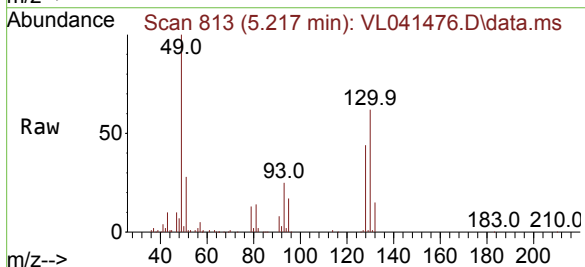
Manual Integrations
APPROVED

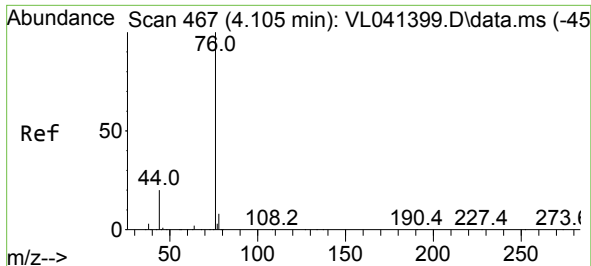
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#26
Hexane
Concen: 0.105 ppbv m
RT: 5.217 min Scan# 813
Delta R.T. 0.006 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

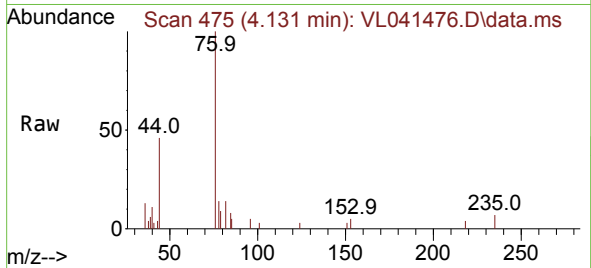
Tgt Ion: 57 Resp: 8678
Ion Ratio Lower Upper
57 100
41 0.0 74.0 111.0#
43 247.0 193.6 290.4
56 0.0 43.1 64.7#





#27
Carbon Disulfide
Concen: 0.082 ppbv m
RT: 4.131 min Scan# 41
Delta R.T. 0.009 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

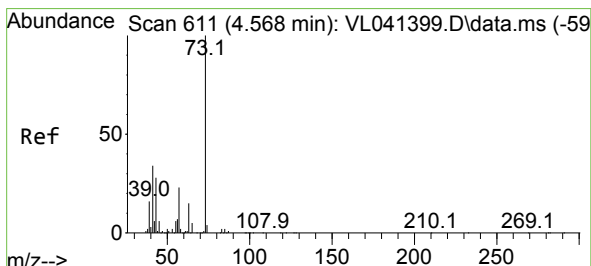
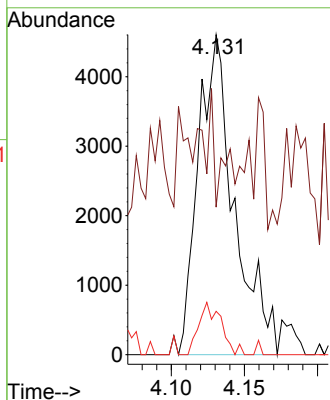
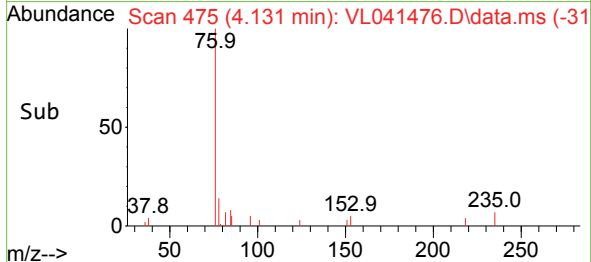
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



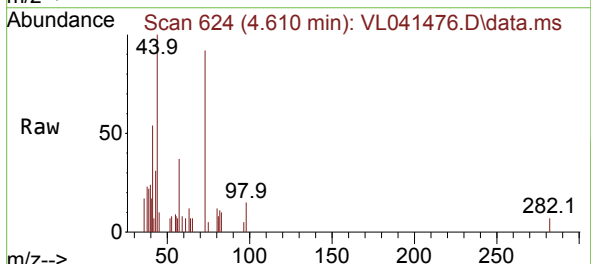
Tgt Ion: 76 Resp: 7878
Ion Ratio Lower Upper
76 100
44 79.0 15.6 23.4
78 11.3 7.7 11.5

Manual Integrations
APPROVED

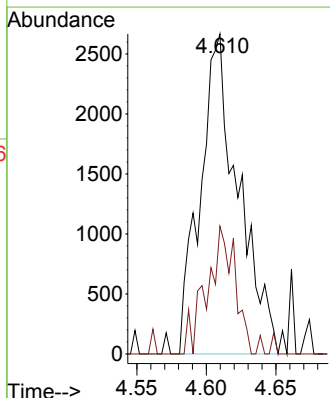
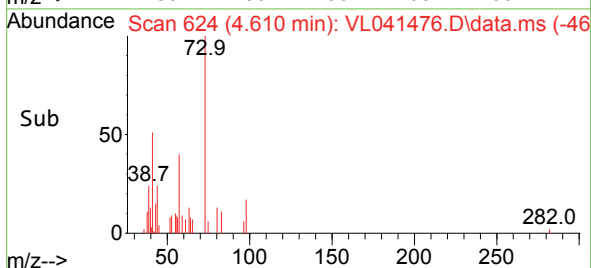
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

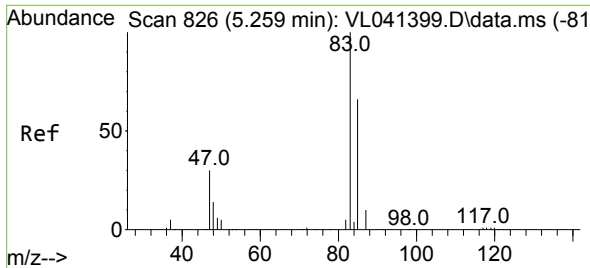


#28
Methyl tert-Butyl Ether
Concen: 0.097 ppbv m
RT: 4.610 min Scan# 624
Delta R.T. 0.029 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30



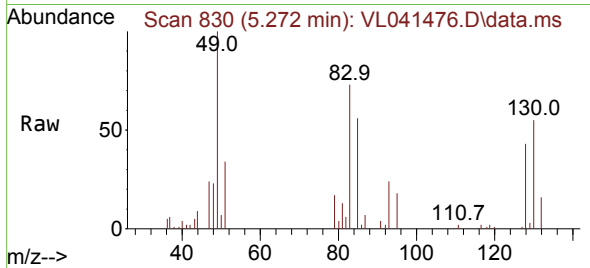
Tgt Ion: 73 Resp: 5069
Ion Ratio Lower Upper
73 100
57 0.0 18.9 28.3





#29
Chloroform
Concen: 0.118 ppbv
RT: 5.272 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

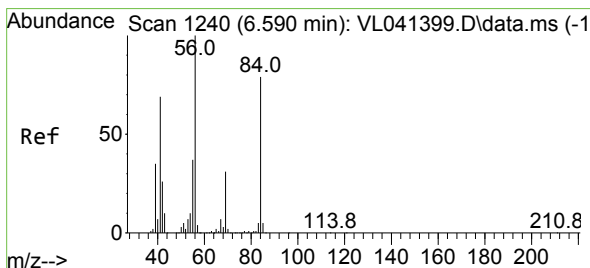
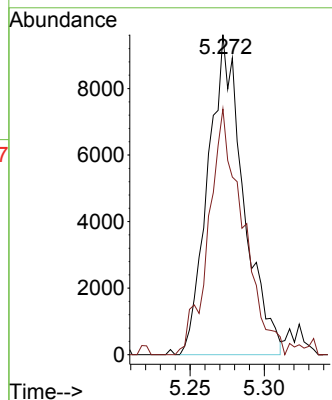
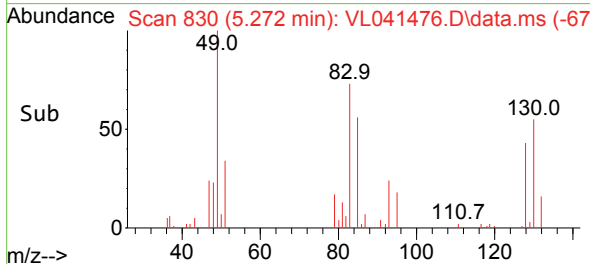
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



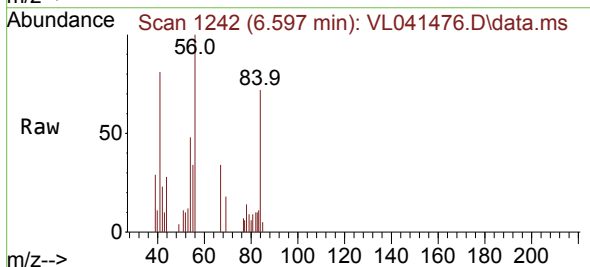
Tgt Ion: 83 Resp: 15920
Ion Ratio Lower Upper
83 100
85 75.1 53.1 79.7

Manual Integrations
APPROVED

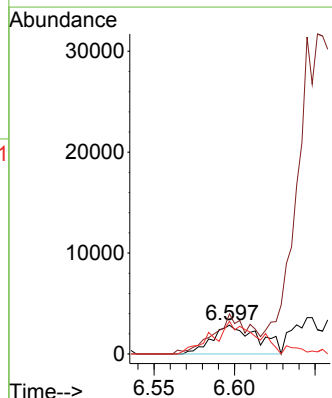
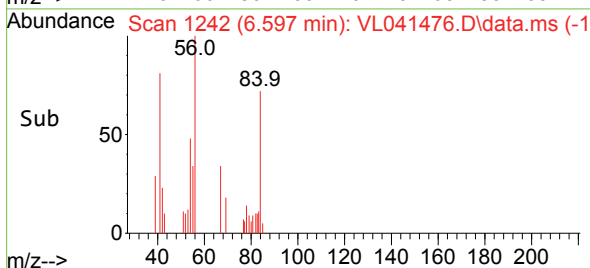
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

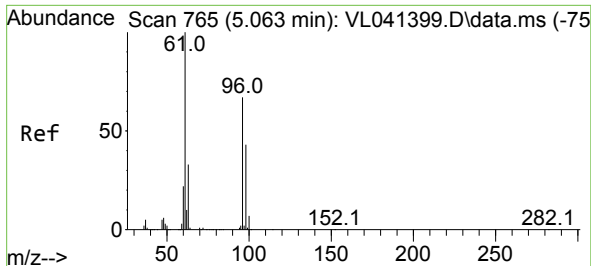


#30
Cyclohexane
Concen: 0.084 ppbv m
RT: 6.597 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30



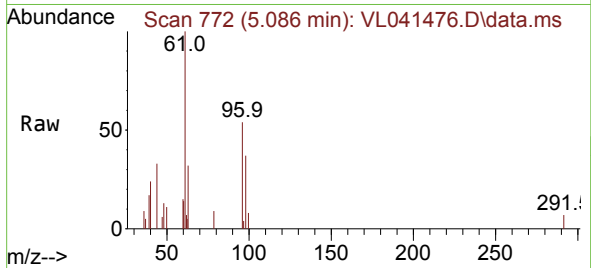
Tgt Ion: 84 Resp: 5662
Ion Ratio Lower Upper
84 100
56 109.1 111.2 166.8#
41 119.7 70.3 105.5#





#31
cis-1,2-Dichloroethene
Concen: 0.080 ppbv m
RT: 5.086 min Scan# 71
Delta R.T. 0.009 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

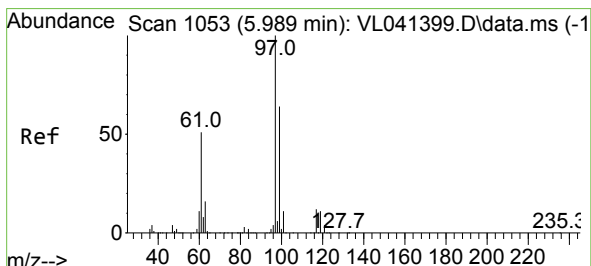
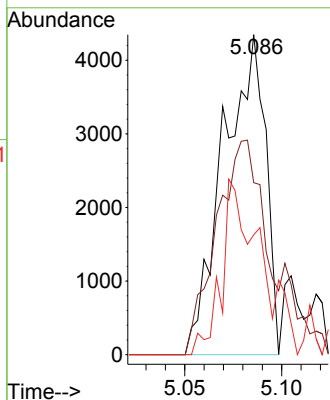
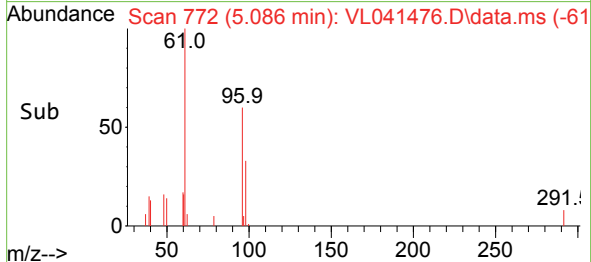
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 61 Resp: 656
Ion Ratio Lower Upper
61 100
96 53.7 53.4 80.2
98 37.5 34.4 51.6

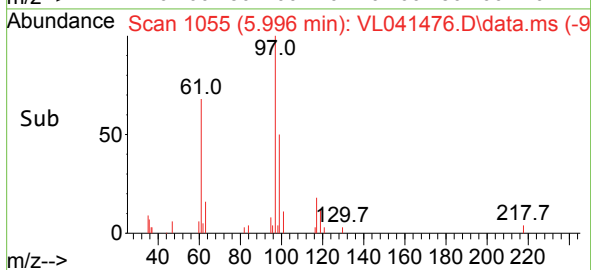
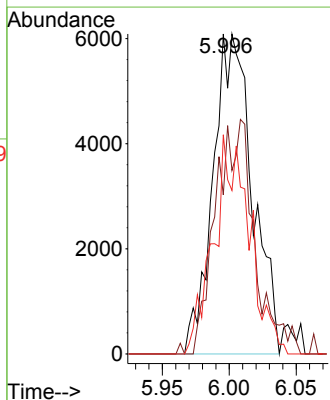
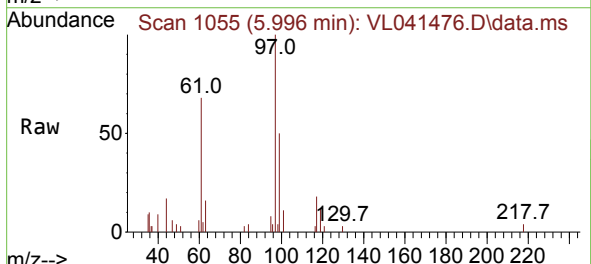
Manual Integrations
APPROVED

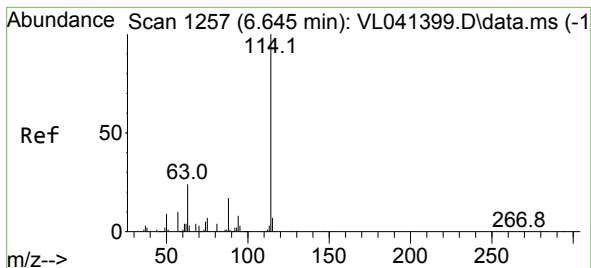
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#32
1,1,1-Trichloroethane
Concen: 0.095 ppbv m
RT: 5.996 min Scan# 1055
Delta R.T. -0.003 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

Tgt Ion: 97 Resp: 12488
Ion Ratio Lower Upper
97 100
99 72.4 52.0 78.0
61 0.0 41.8 62.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL041476.D

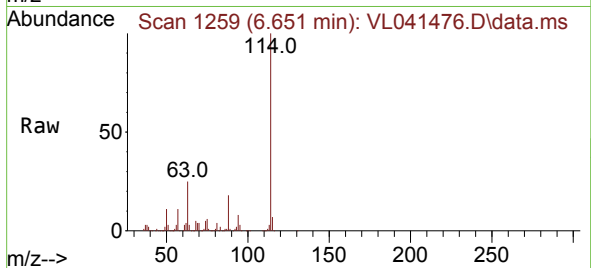
Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024



Tgt Ion:114 Resp: 241836

Ion Ratio Lower Upper

114 100

63 24.6 20.3 30.5

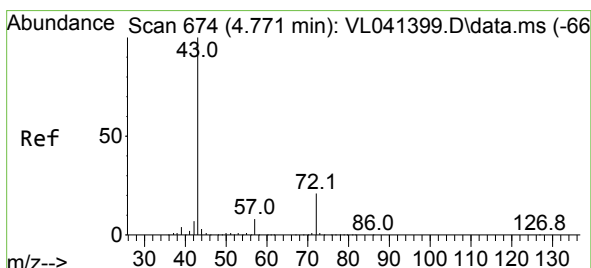
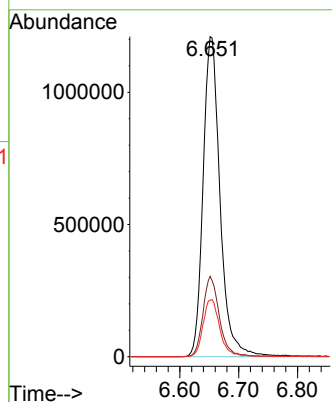
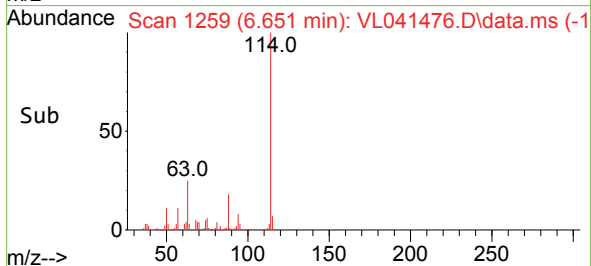
88 17.9 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#34

2-Butanone

Concen: 0.114 ppbv m

RT: 4.812 min Scan# 687

Delta R.T. 0.029 min

Lab File: VL041476.D

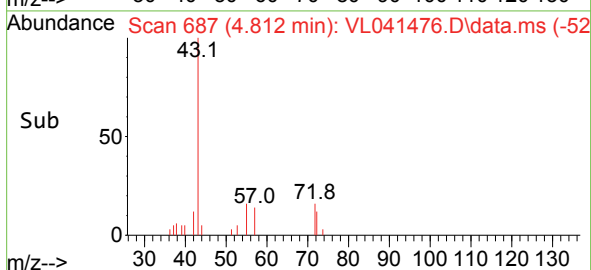
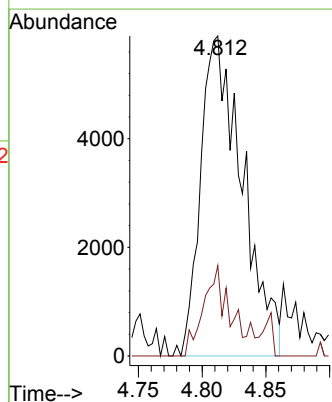
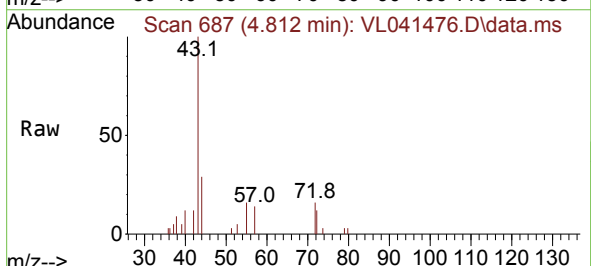
Acq: 1 Aug 2024 13:30

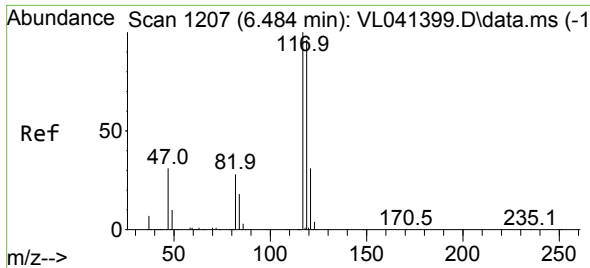
Tgt Ion: 43 Resp: 13349

Ion Ratio Lower Upper

43 100

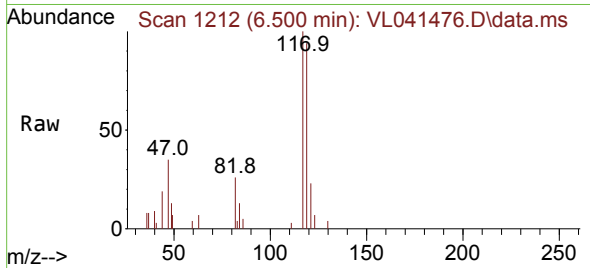
72 0.0 17.3 25.9#





#35
Carbon Tetrachloride
Concen: 0.092 ppbv m
RT: 6.500 min Scan# 1172
Delta R.T. 0.009 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

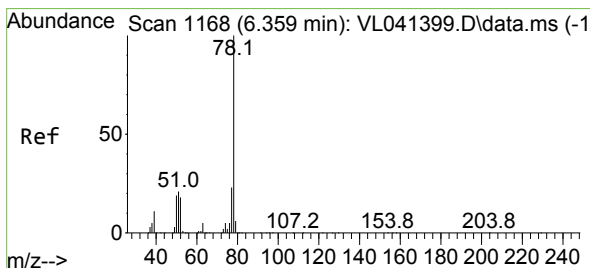
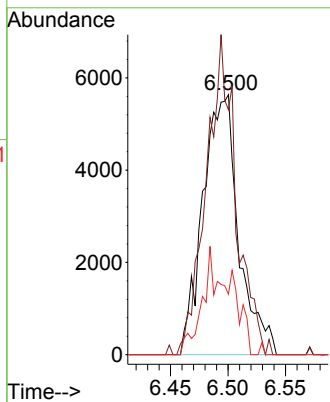
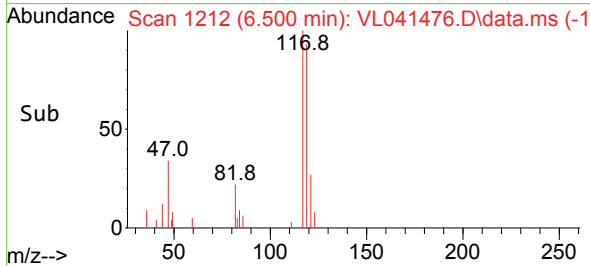
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion:117 Resp: 1220
Ion Ratio Lower Upper
117 100
119 94.2 76.6 115.0
121 23.3 25.1 37.7

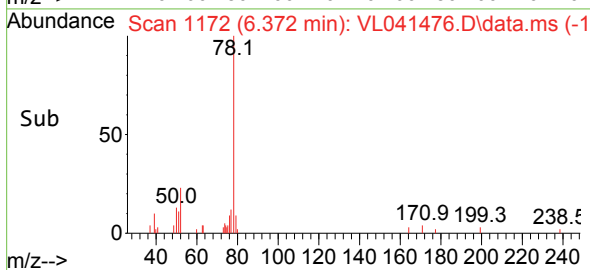
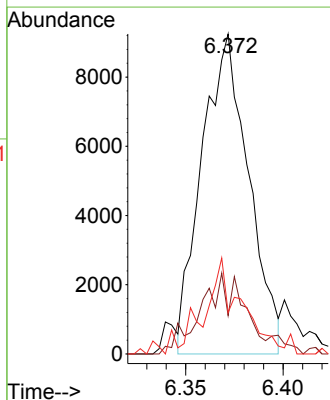
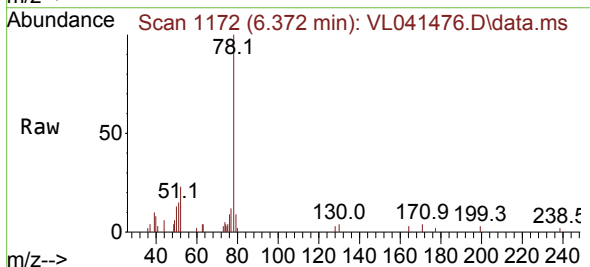
Manual Integrations
APPROVED

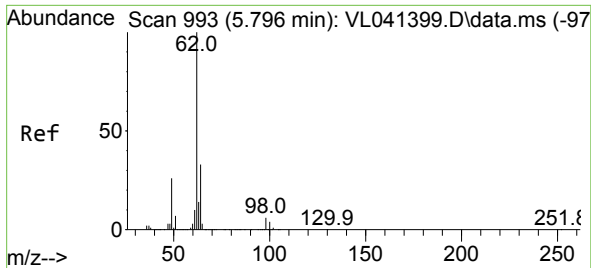
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#36
Benzene
Concen: 0.087 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.003 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

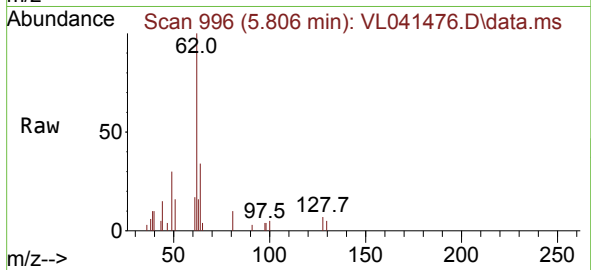
Tgt Ion: 78 Resp: 15449
Ion Ratio Lower Upper
78 100
77 6.5 18.1 27.1#
50 11.1 15.5 23.3#





#37
1,2-Dichloroethane
Concen: 0.121 ppbv m
RT: 5.806 min Scan# 993
Delta R.T. -0.000 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

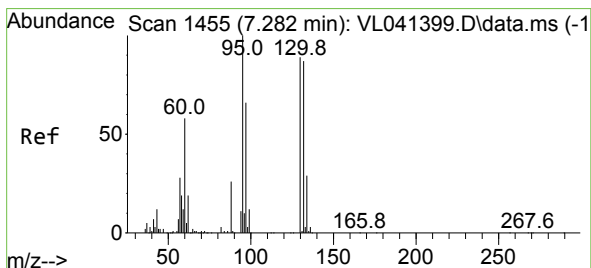
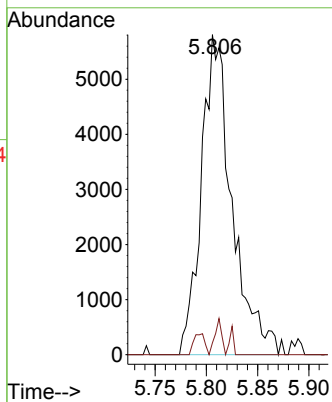
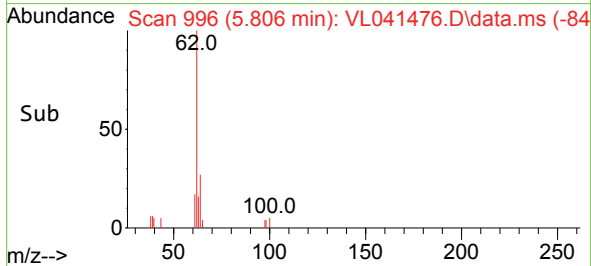
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 62 Resp: 12010
Ion Ratio Lower Upper
62 100
98 0.0 5.0 7.4

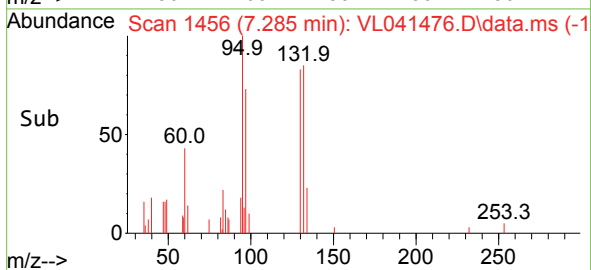
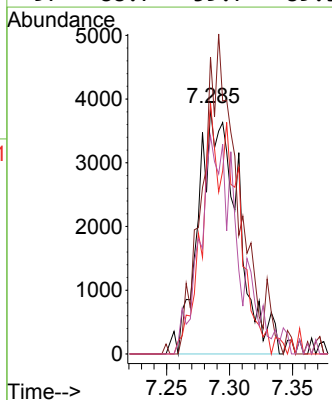
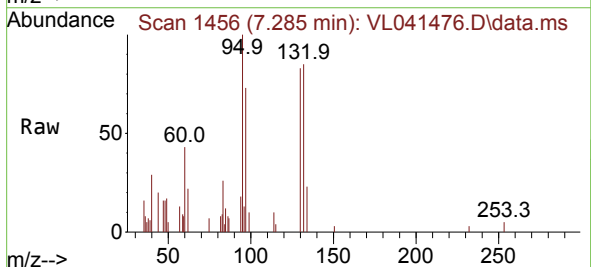
Manual Integrations
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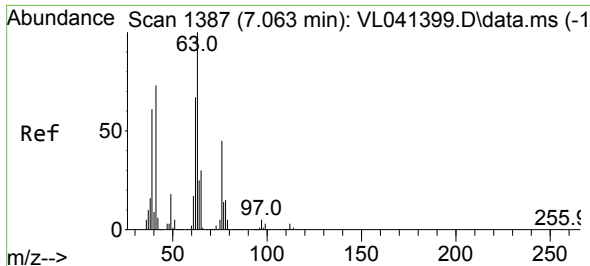
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#38
Trichloroethene
Concen: 0.104 ppbv m
RT: 7.285 min Scan# 1456
Delta R.T. -0.003 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

Tgt Ion:130 Resp: 8423
Ion Ratio Lower Upper
130 100
95 120.8 90.2 135.2
132 102.1 78.1 117.1
97 88.7 59.7 89.5





#39

1,2-Dichloropropane

Concen: 0.134 ppbv m

RT: 7.076 min Scan# 1

Delta R.T. 0.006 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

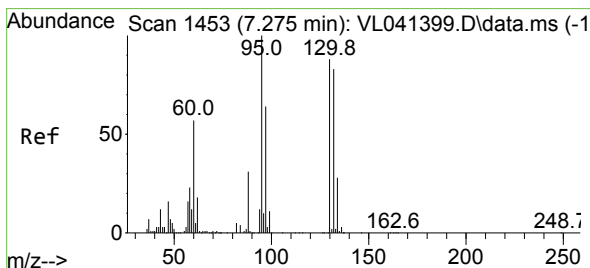
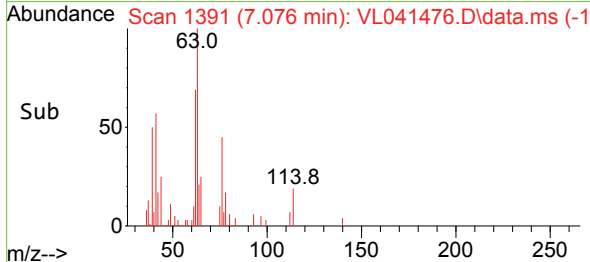
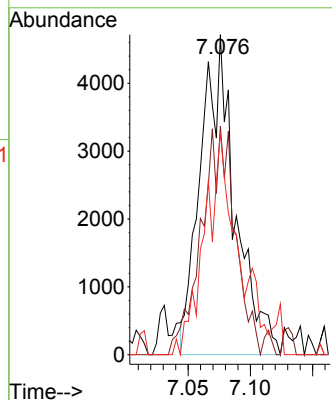
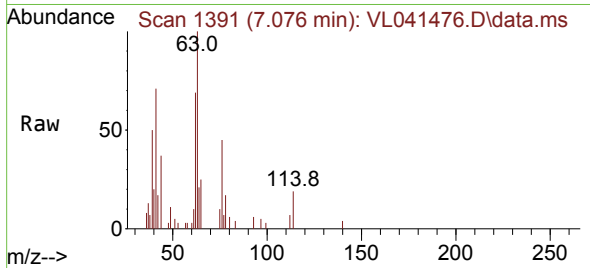
MDL-AIR-03-QT3-2024

Tgt Ion: 63	Resp: 905
Ion Ratio	Lower Upper
63	100
41	71.4 58.3 87.5
62	69.4 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#40

1,4-Dioxane

Concen: 0.094 ppbv m

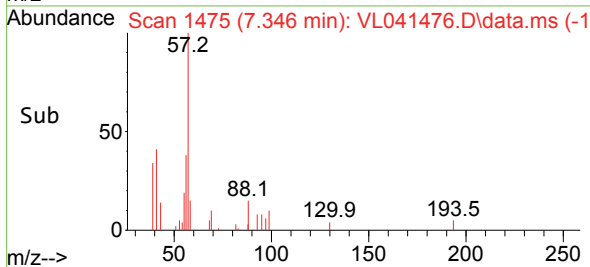
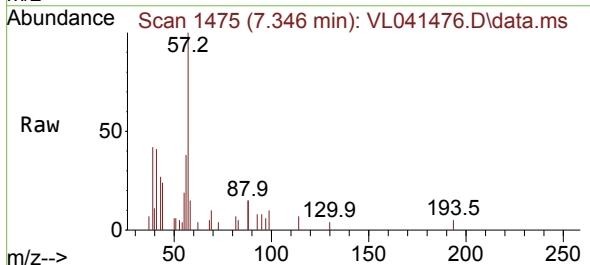
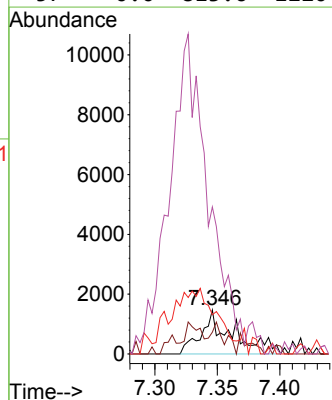
RT: 7.346 min Scan# 1475

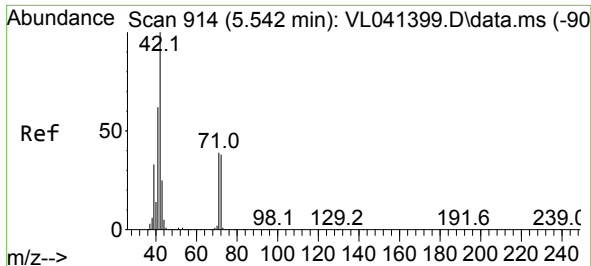
Delta R.T. 0.067 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

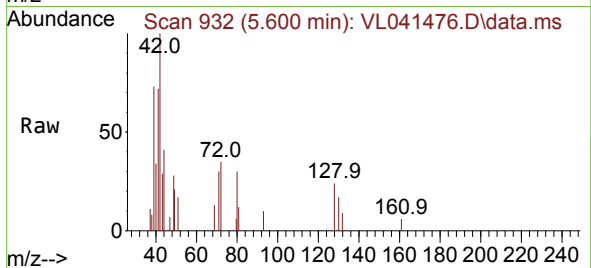
Tgt Ion: 88	Resp: 2568
Ion Ratio	Lower Upper
88	100
58	0.0 95.8 143.6#
43	13.2 188.2 282.2#
57	0.0 813.6 1220.4#





#41
Tetrahydrofuran
Concen: 0.081 ppbv m
RT: 5.600 min Scan# 914
Delta R.T. 0.048 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

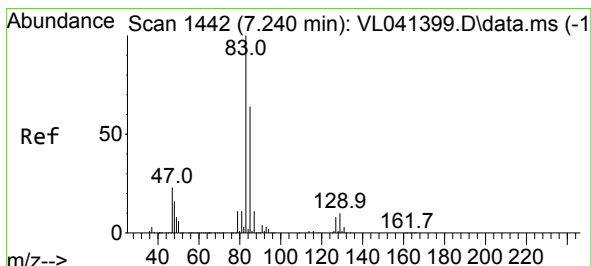
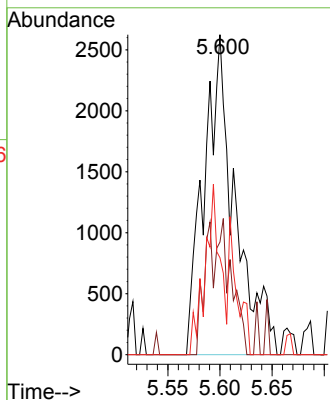
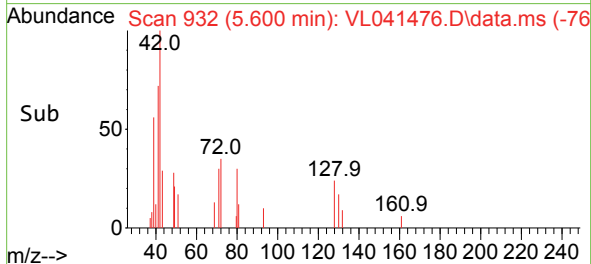
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 42 Resp: 5430
Ion Ratio Lower Upper
42 100
72 0.0 31.2 46.8
71 0.0 30.5 45.7

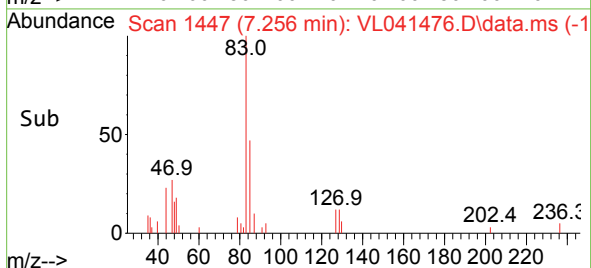
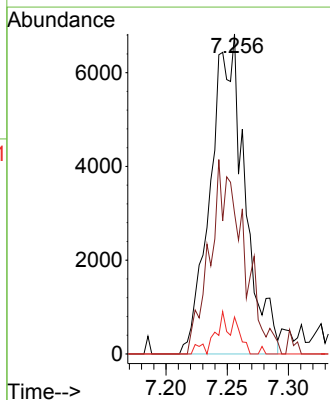
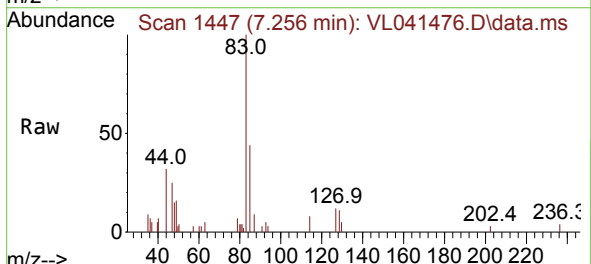
Manual Integrations
APPROVED

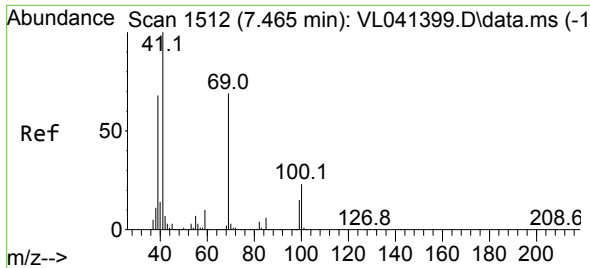
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#42
Bromodichloromethane
Concen: 0.093 ppbv m
RT: 7.256 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

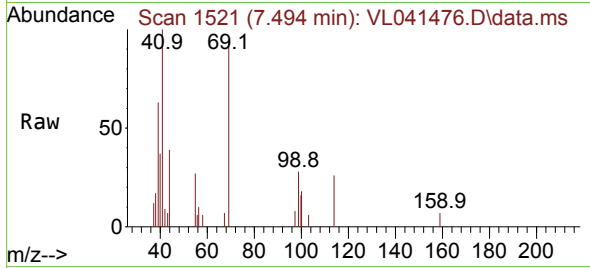
Tgt Ion: 83 Resp: 13295
Ion Ratio Lower Upper
83 100
85 44.1 51.4 77.0#
127 11.5 6.7 10.1#





#43
Methyl Methacrylate
Concen: 0.080 ppbv m
RT: 7.494 min Scan# 1521
Delta R.T. 0.022 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

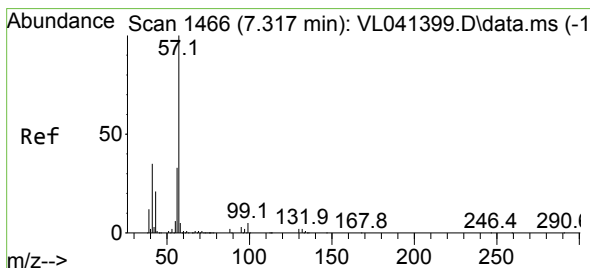
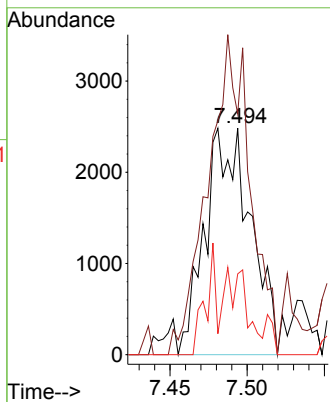
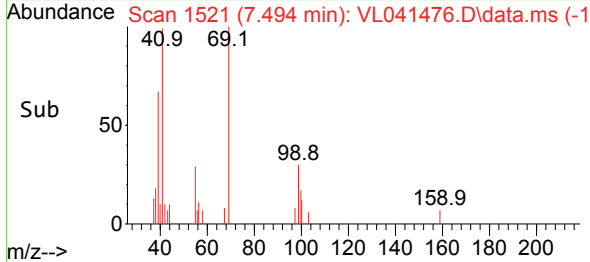
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2024



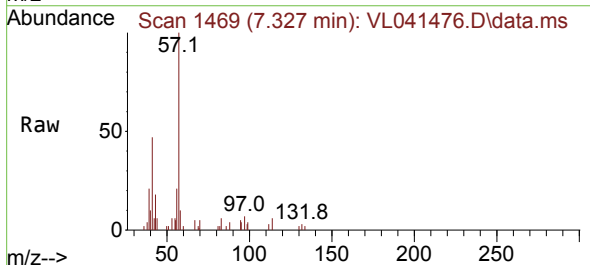
Tgt Ion: 69 Resp: 5038
Ion Ratio Lower Upper
69 100
41 0.0 118.7 178.1
100 33.1 27.0 40.4

Manual Integrations
APPROVED

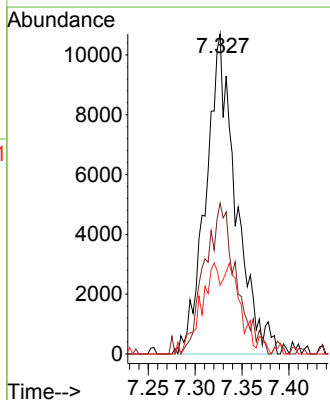
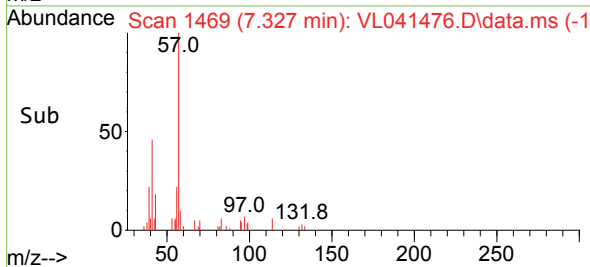
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

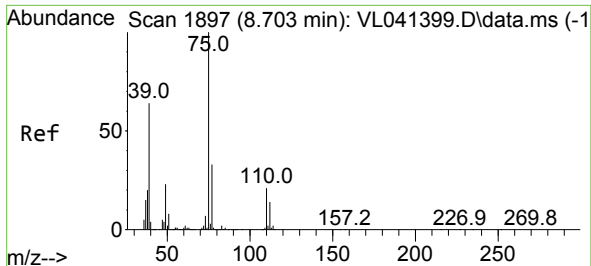


#44
2,2,4-Trimethylpentane
Concen: 0.081 ppbv m
RT: 7.327 min Scan# 1469
Delta R.T. 0.003 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30



Tgt Ion: 57 Resp: 23853
Ion Ratio Lower Upper
57 100
41 50.8 27.0 40.6
56 36.1 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 0.059 ppbv m

RT: 8.722 min Scan# 1897

Delta R.T. 0.013 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

Tgt Ion: 75 Resp: 343

Ion Ratio Lower Upper

75 100

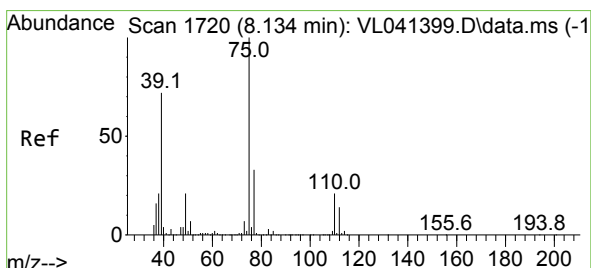
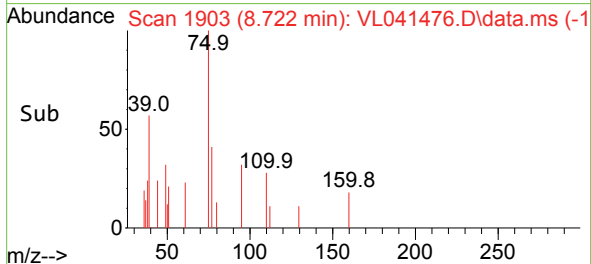
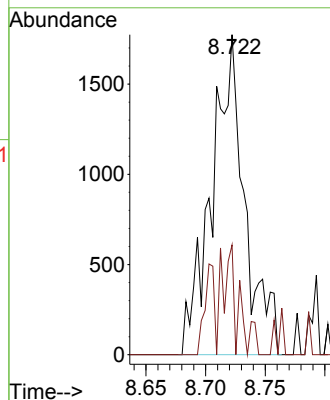
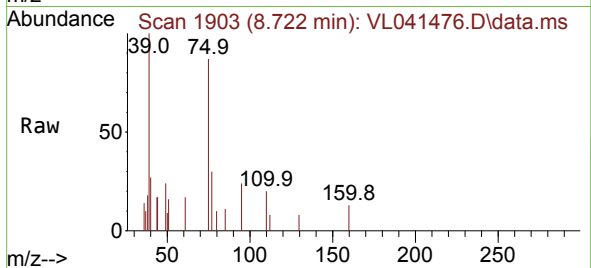
77 34.3 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#46

cis-1,3-Dichloropropene

Concen: 0.068 ppbv m

RT: 8.143 min Scan# 1723

Delta R.T. 0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

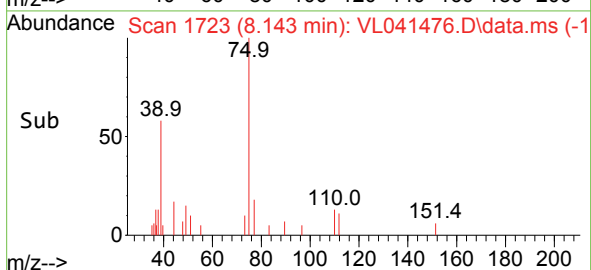
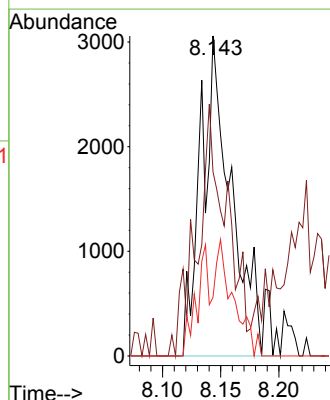
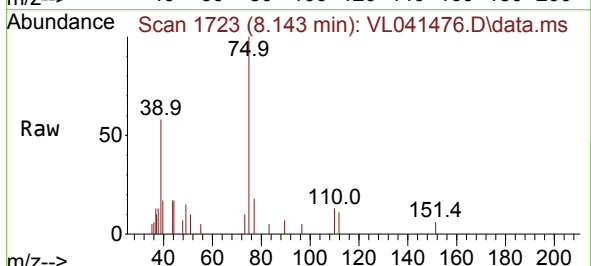
Tgt Ion: 75 Resp: 5763

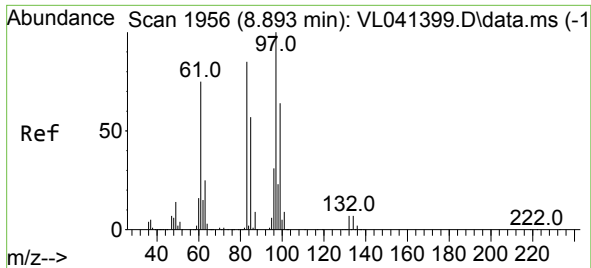
Ion Ratio Lower Upper

75 100

39 57.6 57.3 85.9

77 18.3 26.2 39.2#





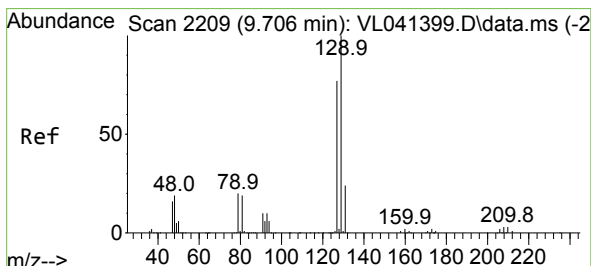
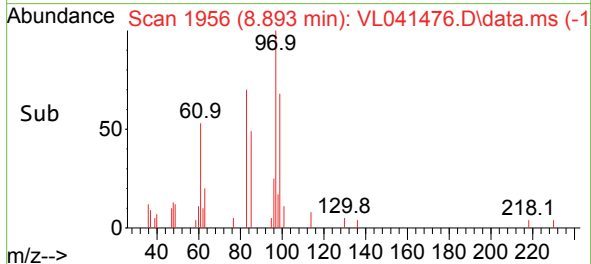
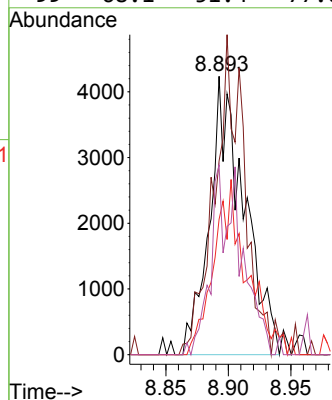
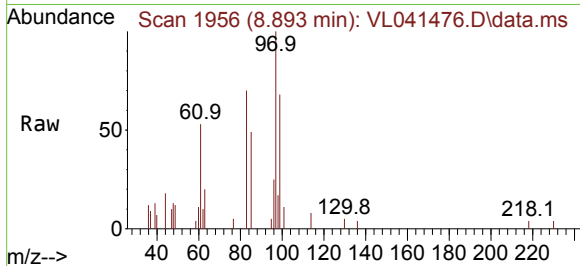
#47
1,1,2-Trichloroethane
Concen: 0.109 ppbv m
RT: 8.893 min Scan# 1956
Delta R.T. -0.003 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2024

Tgt Ion: 97	Resp: 815
Ion Ratio	Lower Upper
97 100	
83 69.6	67.6 101.4
85 48.6	45.9 68.9
99 68.1	51.4 77.0

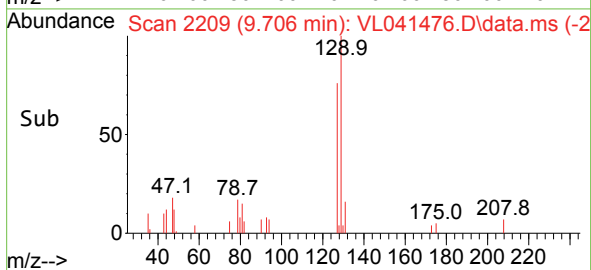
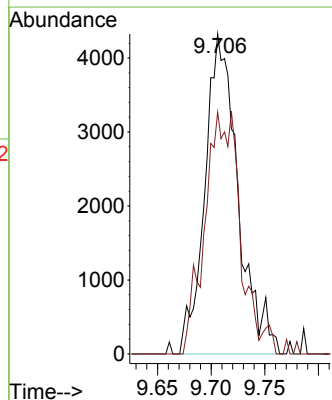
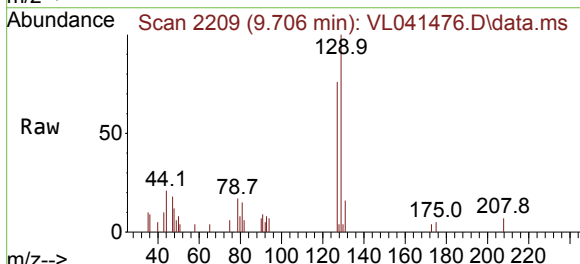
Manual Integrations
APPROVED

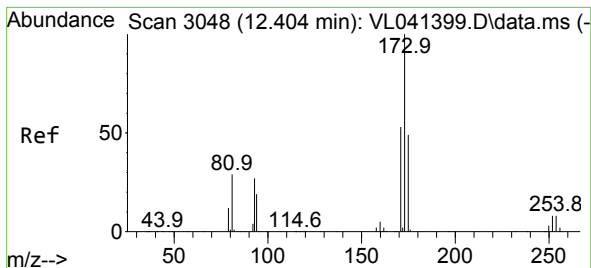
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#48
Dibromochloromethane
Concen: 0.077 ppbv m
RT: 9.706 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

Tgt Ion:129	Resp:	9301	
Ion	Ratio	Lower	Upper
129	100		
127	81.4	39.3	117.8





#49

Bromoform

Concen: 0.068 ppbv m

RT: 12.413 min Scan# 3048

Delta R.T. 0.009 min

Lab File: VL041476.D

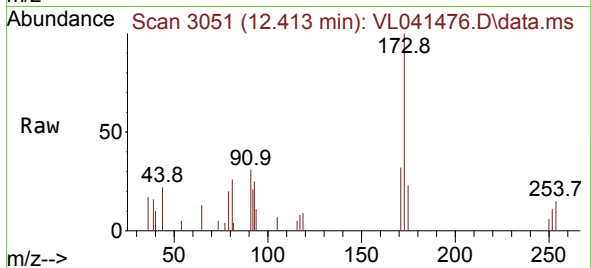
Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

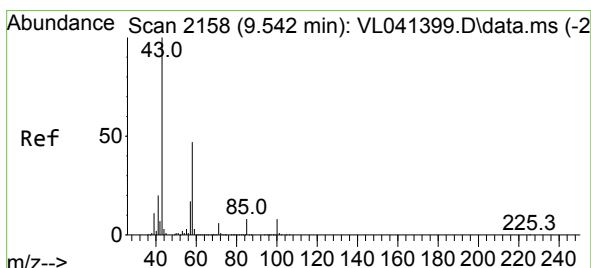
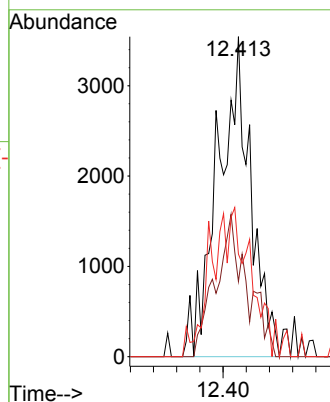
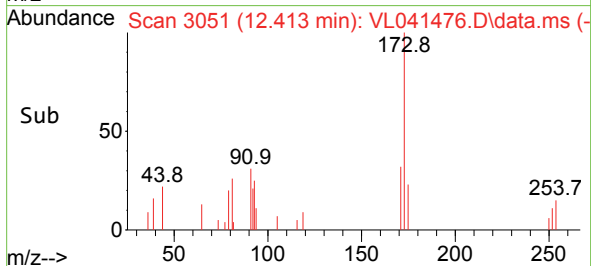


Tgt Ion:	173	Resp:	6934
Ion Ratio	Lower	Upper	
173	100		
175	0.0	39.9	59.9#
171	0.0	41.7	62.5#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#51

2-Hexanone

Concen: 0.082 ppbv m

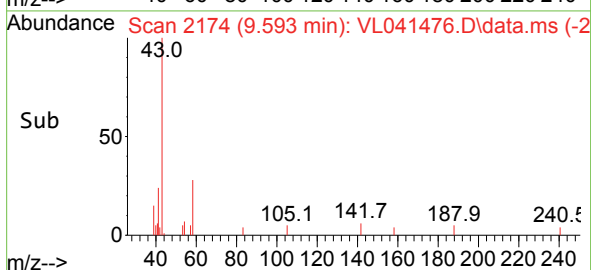
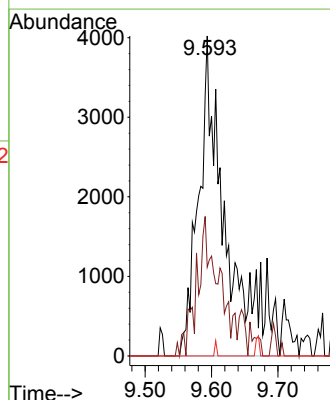
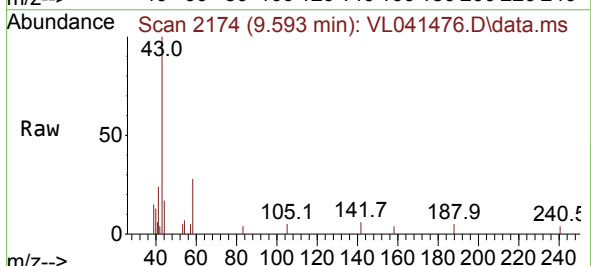
RT: 9.593 min Scan# 2174

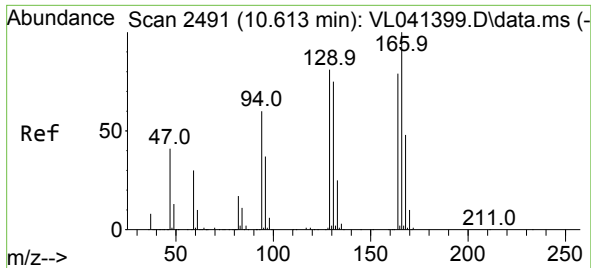
Delta R.T. 0.048 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

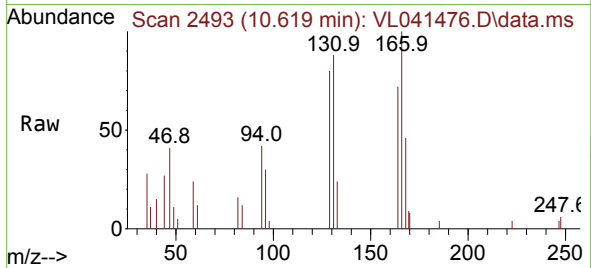
Tgt Ion:	43	Resp:	11476
Ion Ratio	Lower	Upper	
43	100		
58	0.0	38.2	57.2#
98	0.0	0.3	0.5#





#52
Tetrachloroethene
Concen: 0.097 ppbv m
RT: 10.619 min Scan# 2491
Delta R.T. 0.006 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

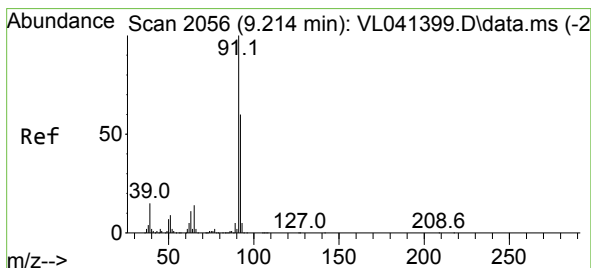
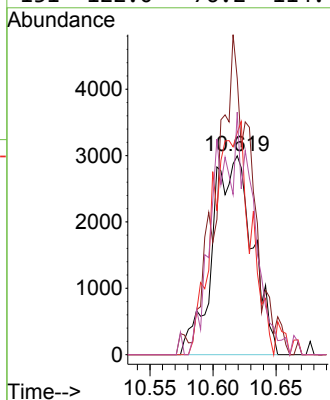
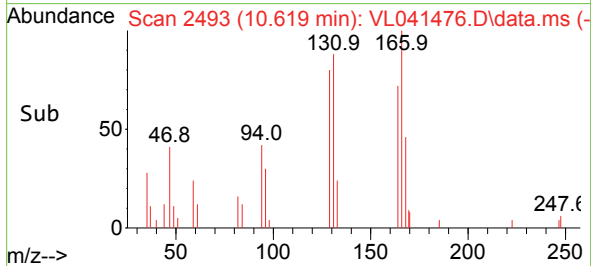
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion:164 Resp: 663
Ion Ratio Lower Upper
164 100
166 138.9 101.1 151.7
129 111.7 81.7 122.5
131 122.0 76.2 114.4#

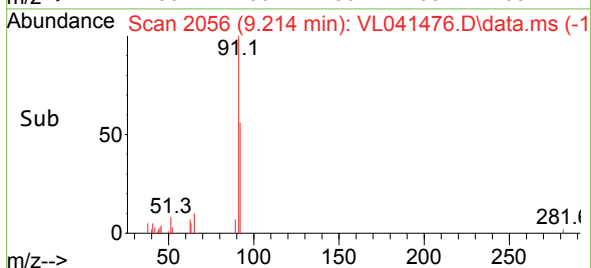
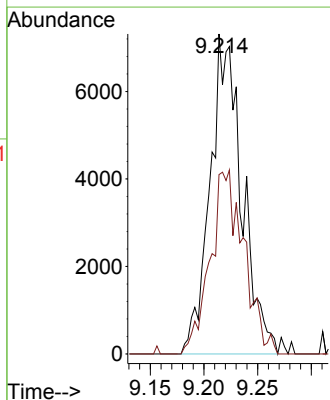
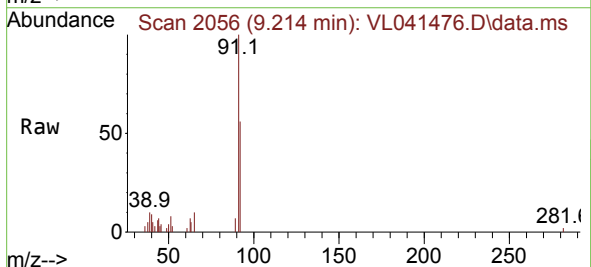
Manual Integrations
APPROVED

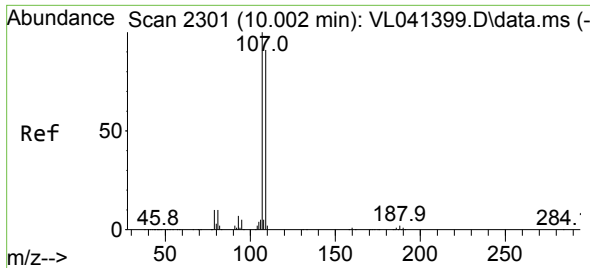
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#53
Toluene
Concen: 0.076 ppbv m
RT: 9.214 min Scan# 2056
Delta R.T. -0.007 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

Tgt Ion: 91 Resp: 15020
Ion Ratio Lower Upper
91 100
92 0.0 48.7 73.1#





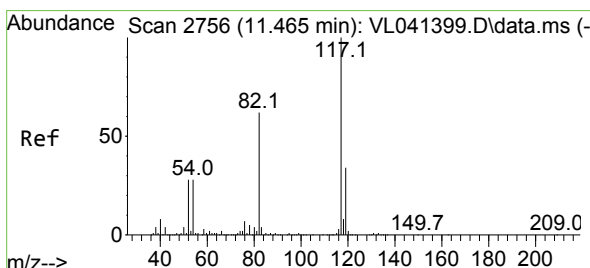
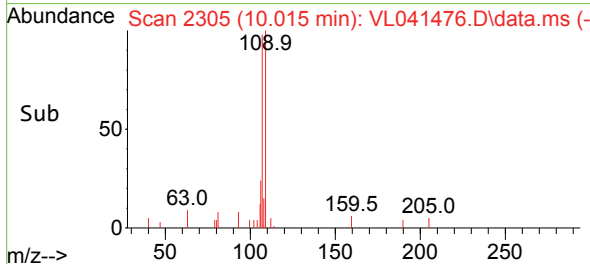
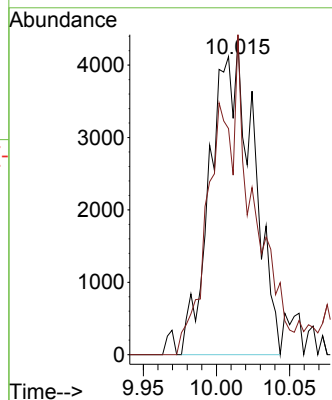
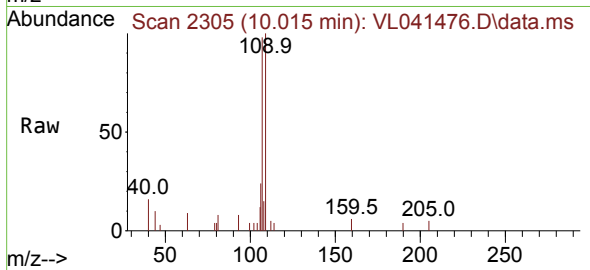
#54
1,2-Dibromoethane
Concen: 0.089 ppbv m
RT: 10.015 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024

Tgt Ion:107 Resp: 880
Ion Ratio Lower Upper
107 100
109 101.8 72.7 109.1

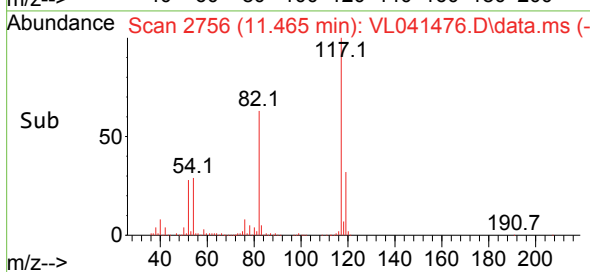
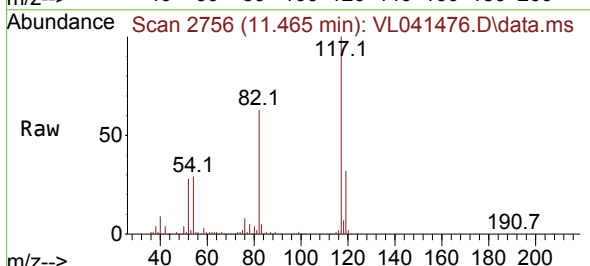
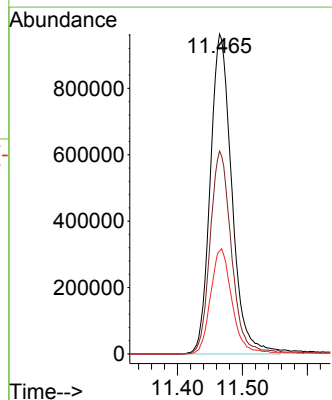
Manual Integrations
APPROVED

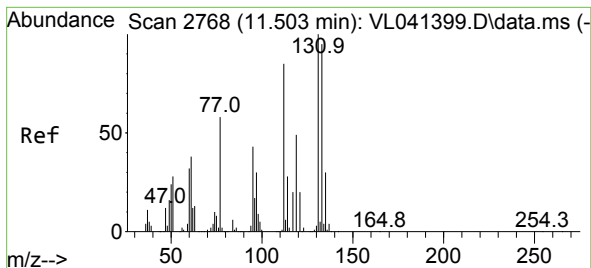
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. -0.000 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

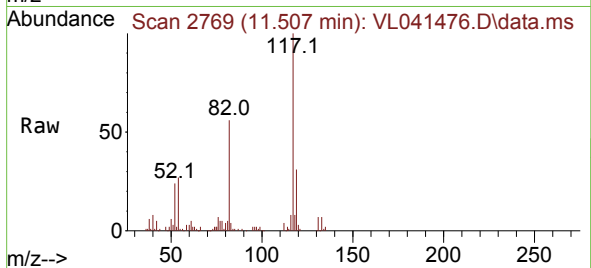
Tgt Ion:117 Resp: 2222196
Ion Ratio Lower Upper
117 100
82 63.8 51.0 76.6
119 33.4 45.2 67.8#





#56
1,1,1,2-Tetrachloroethane
Concen: 0.106 ppbv m
RT: 11.507 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

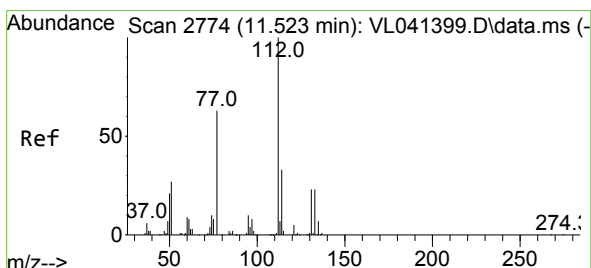
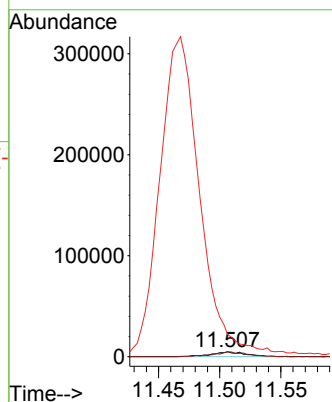
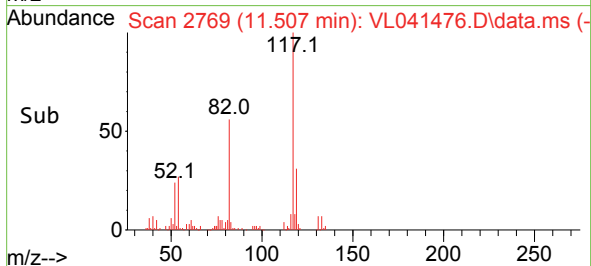
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



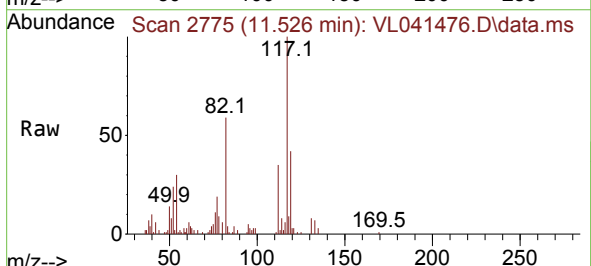
Tgt Ion:131 Resp: 9134
Ion Ratio Lower Upper
131 100
133 98.9 77.0 115.4
119 0.0 121.5 182.3

Manual Integrations
APPROVED

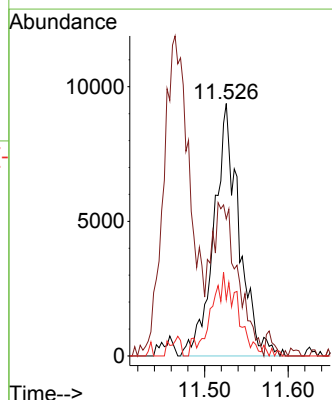
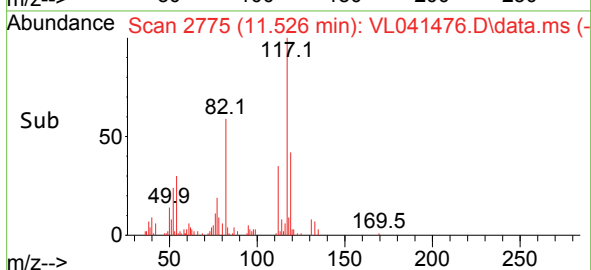
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

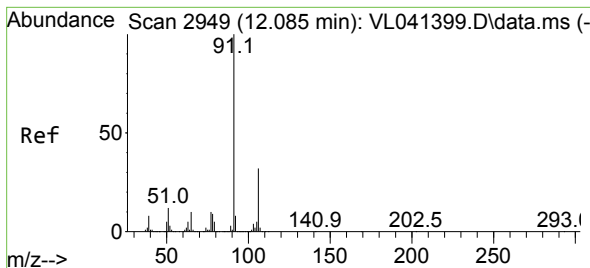


#57
Chlorobenzene
Concen: 0.124 ppbv m
RT: 11.526 min Scan# 2775
Delta R.T. 0.003 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30



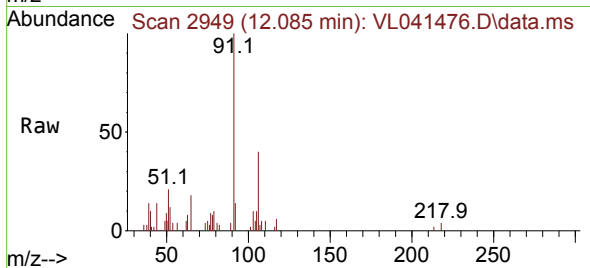
Tgt Ion:112 Resp: 19575
Ion Ratio Lower Upper
112 100
77 54.3 51.1 76.7
114 22.3 29.5 36.1





#58
Ethyl Benzene
Concen: 0.072 ppbv m
RT: 12.085 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

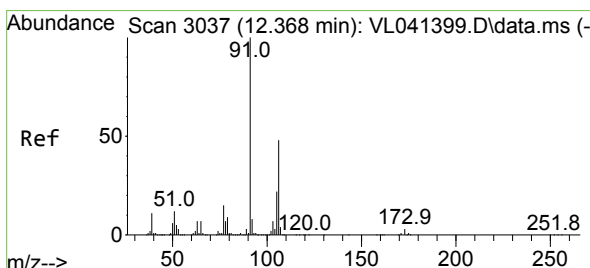
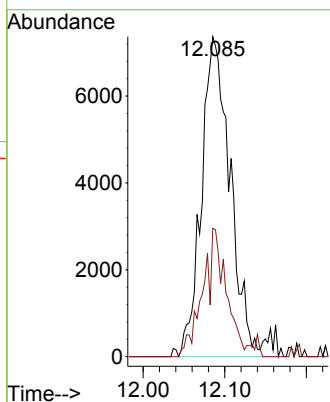
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 91 Resp: 1836
Ion Ratio Lower Upper
91 100
106 40.1 25.8 38.8

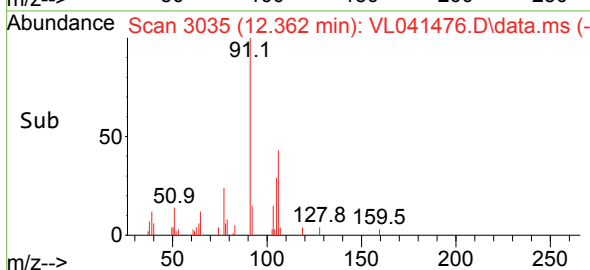
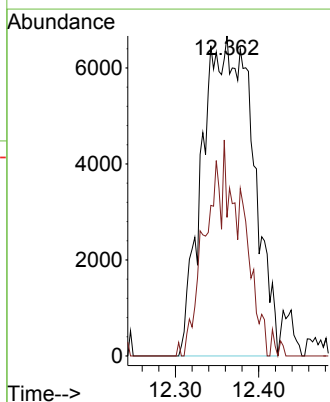
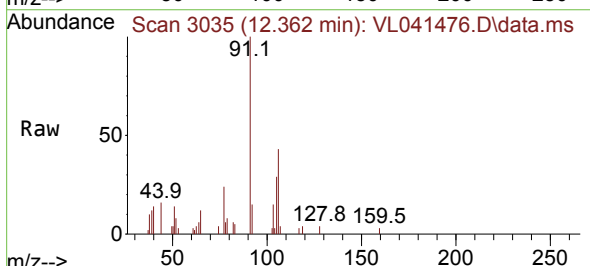
Manual Integrations
APPROVED

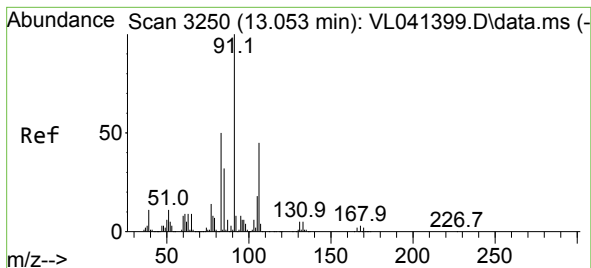
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#59
m/p-Xylene
Concen: 0.127 ppbv m
RT: 12.362 min Scan# 3035
Delta R.T. -0.007 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

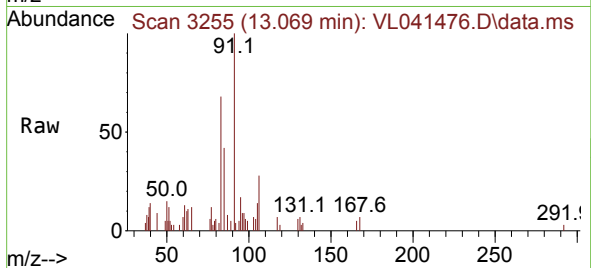
Tgt Ion: 91 Resp: 28092
Ion Ratio Lower Upper
91 100
106 0.0 36.3 54.5





#60
o-Xylene
Concen: 0.063 ppbv m
RT: 13.069 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

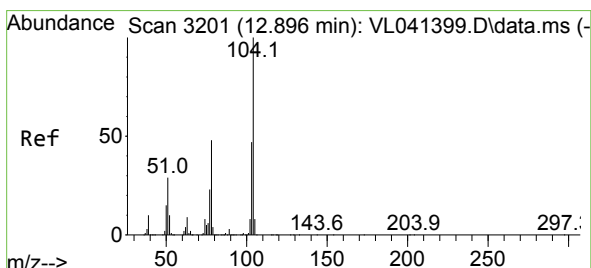
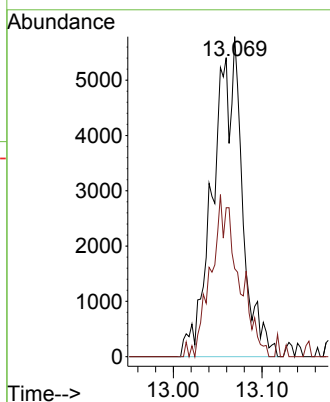
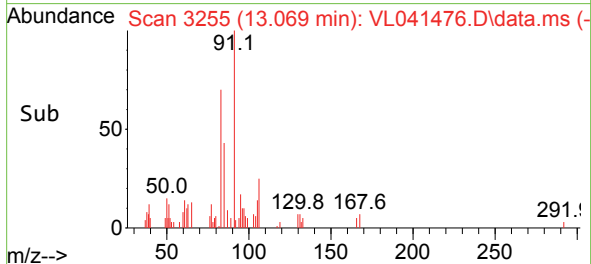
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



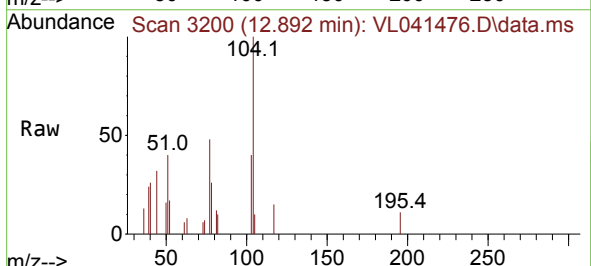
Tgt Ion: 91 Resp: 13120
Ion Ratio Lower Upper
91 100
106 48.9 23.1 69.3

Manual Integrations
APPROVED

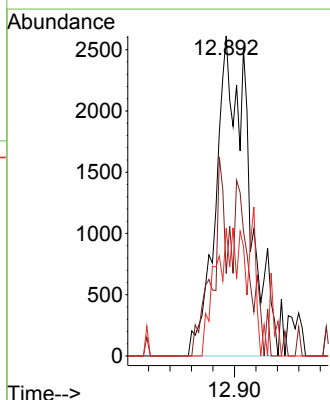
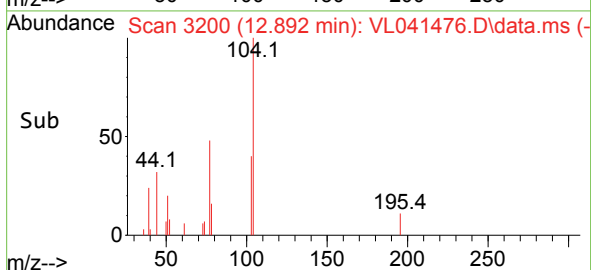
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

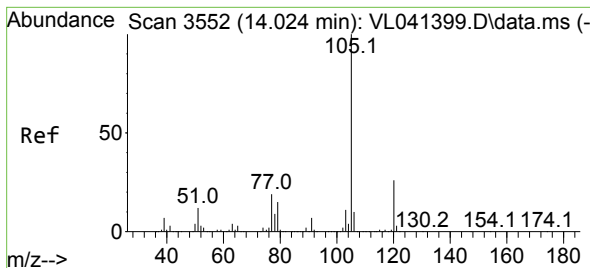


#61
Styrene
Concen: 0.059 ppbv m
RT: 12.892 min Scan# 3200
Delta R.T. -0.003 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30



Tgt Ion:104 Resp: 5537
Ion Ratio Lower Upper
104 100
78 54.0 40.8 61.2
103 0.0 38.2 57.4#





#62

Isopropylbenzene

Concen: 0.089 ppbv m

RT: 14.034 min Scan# 3552

Delta R.T. 0.006 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

Tgt Ion:105 Resp: 2828

Ion Ratio Lower Upper

105 100

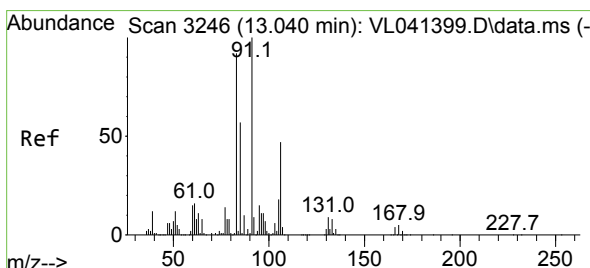
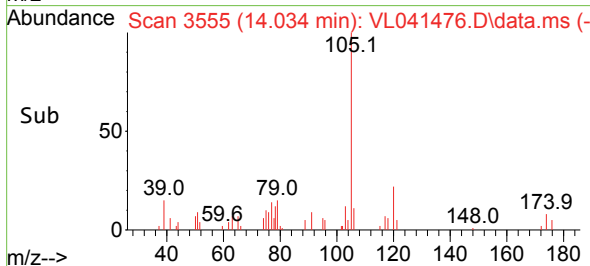
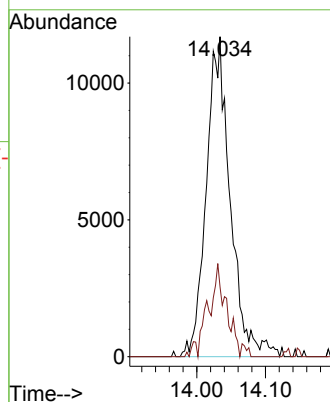
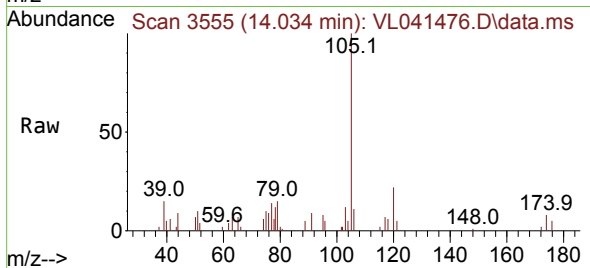
120 0.0 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#63

1,1,2,2-Tetrachloroethane

Concen: 0.113 ppbv m

RT: 13.060 min Scan# 3252

Delta R.T. 0.013 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

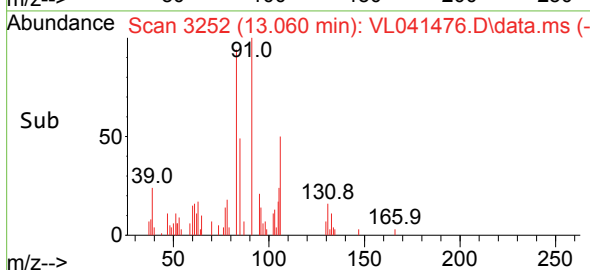
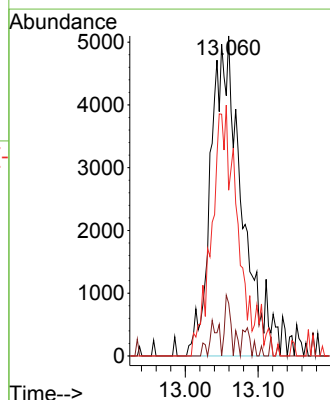
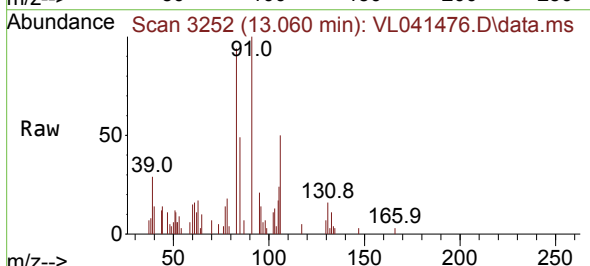
Tgt Ion: 83 Resp: 14949

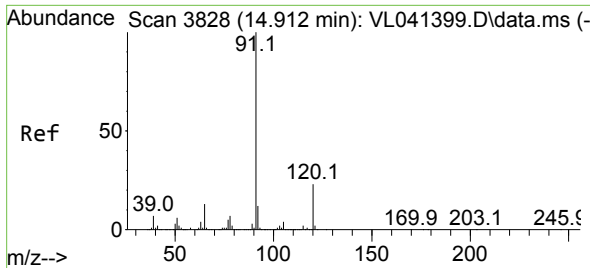
Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

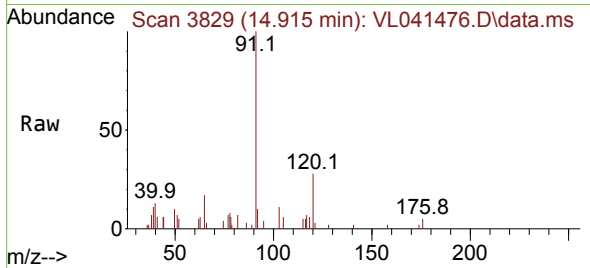
85 0.0 32.6 98.0#





#64
n-propylbenzene
Concen: 0.063 ppbv m
RT: 14.915 min Scan# 3829
Delta R.T. 0.003 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

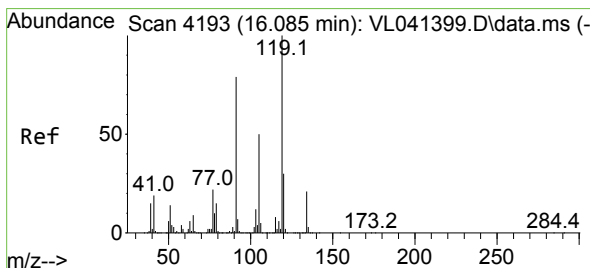
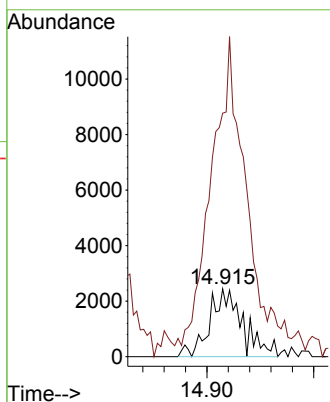
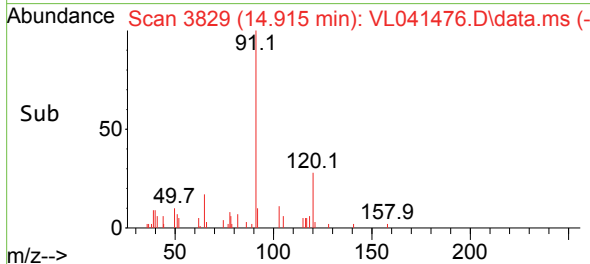
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion:120 Resp: 520
Ion Ratio Lower Upper
120 100
91 58.0 361.4 542.0

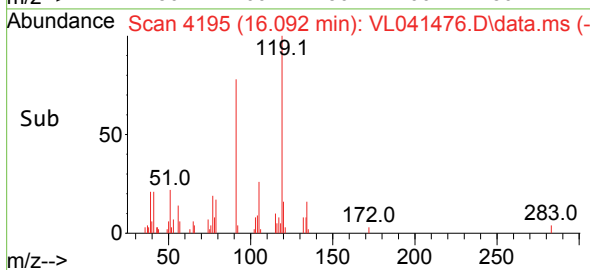
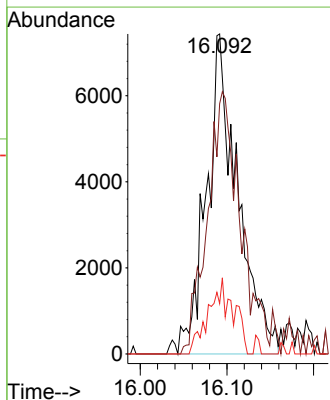
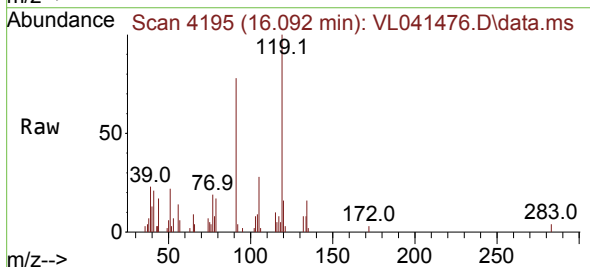
Manual Integrations
APPROVED

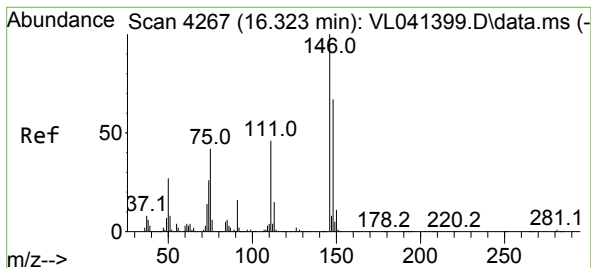
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#65
tert-Butylbenzene
Concen: 0.064 ppbv m
RT: 16.092 min Scan# 4195
Delta R.T. 0.003 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

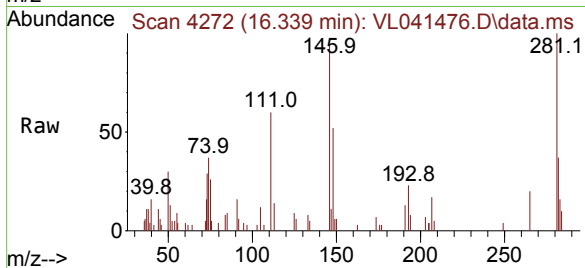
Tgt Ion:119 Resp: 18441
Ion Ratio Lower Upper
119 100
91 92.5 64.2 96.2
134 19.7 15.7 23.5





#66
Benzyl Chloride
Concen: 0.076 ppbv m
RT: 16.339 min Scan# 4267
Delta R.T. 0.013 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

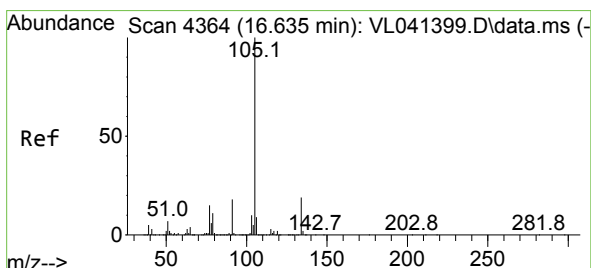
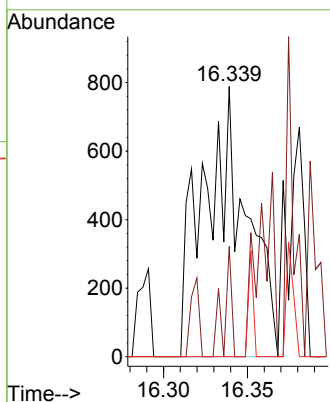
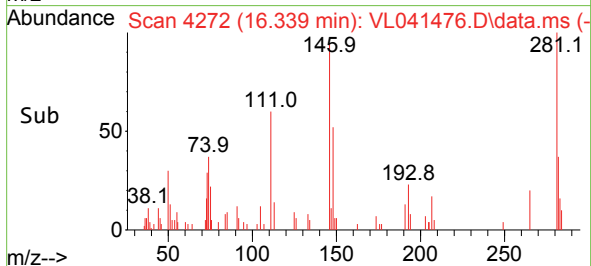
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 91 Resp: 1397
Ion Ratio Lower Upper
91 100
126 8.3 13.8 20.8
128 0.0 4.4 6.6

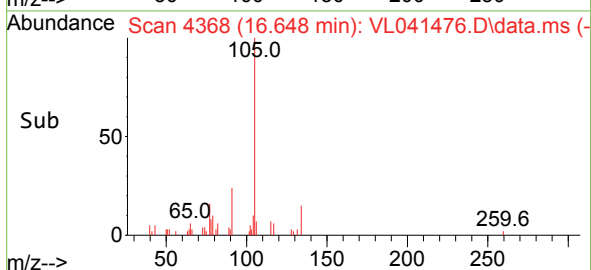
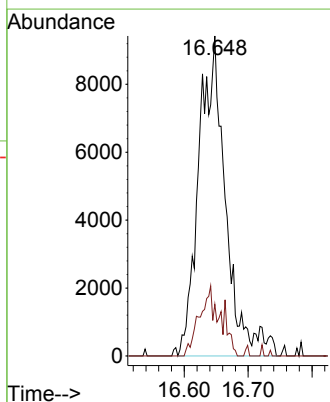
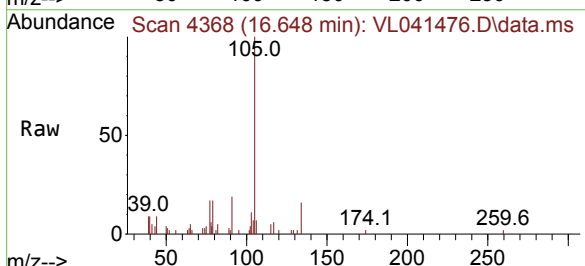
Manual Integrations
APPROVED

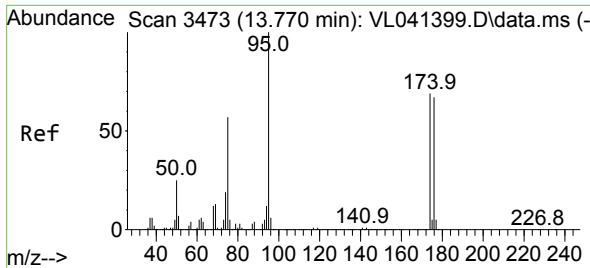
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#67
sec-Butylbenzene
Concen: 0.069 ppbv m
RT: 16.648 min Scan# 4368
Delta R.T. 0.016 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

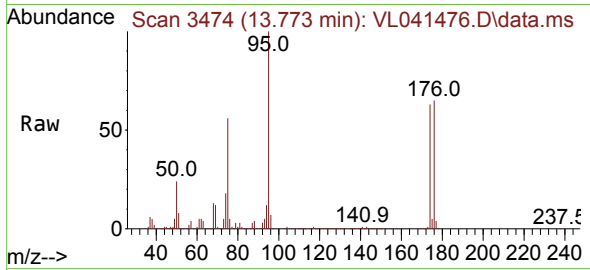
Tgt Ion:105 Resp: 27359
Ion Ratio Lower Upper
105 100
134 0.0 14.5 21.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.944 ppbv
RT: 13.773 min Scan# 3473
Delta R.T. -0.000 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

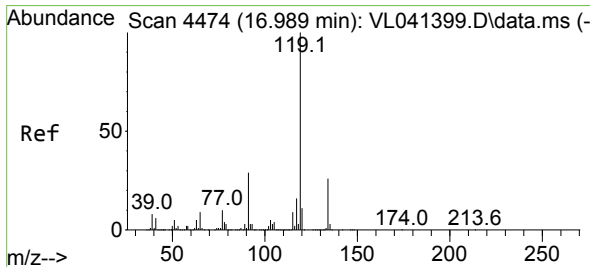
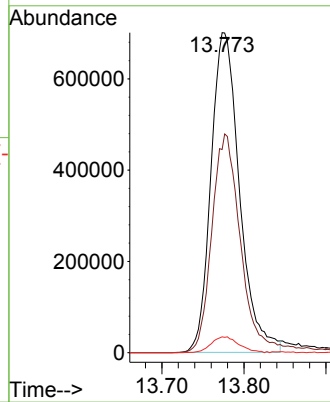
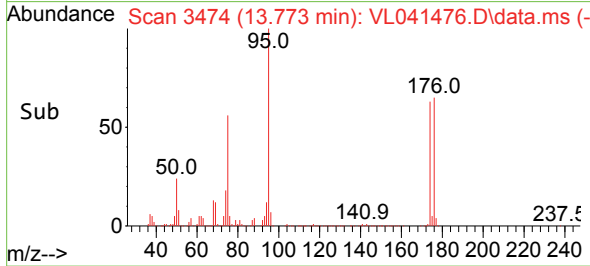
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2024



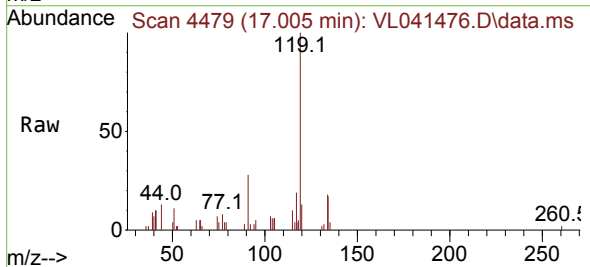
Tgt Ion: 95 Resp: 170051
Ion Ratio Lower Upper
95 100
174 71.4 56.3 84.5
175 4.9 4.0 6.0

Manual Integrations
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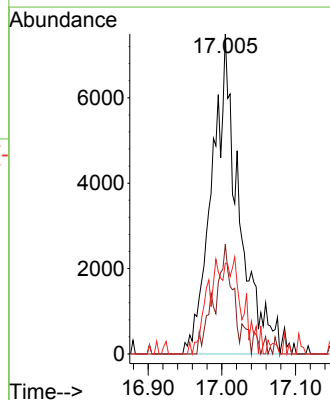
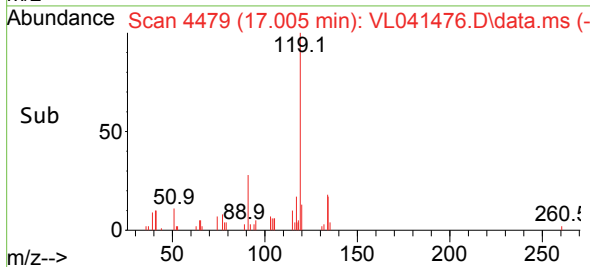
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

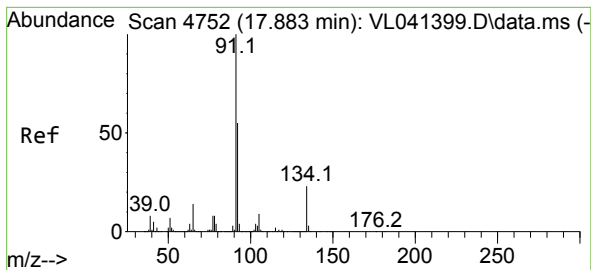


#69
p-Isopropyltoluene
Concen: 0.058 ppbv m
RT: 17.005 min Scan# 4479
Delta R.T. 0.013 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30



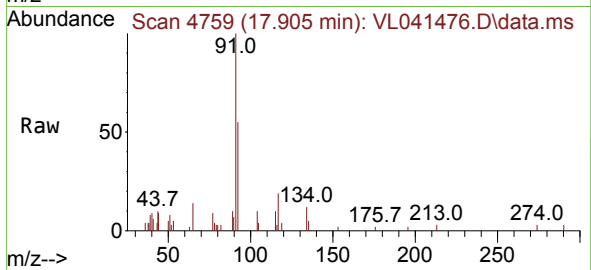
Tgt Ion:119 Resp: 19164
Ion Ratio Lower Upper
119 100
134 0.0 20.5 30.7#
91 0.0 23.2 34.8#





#70
n-Butylbenzene
Concen: 0.063 ppbv m
RT: 17.905 min Scan# 4759
Delta R.T. 0.022 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

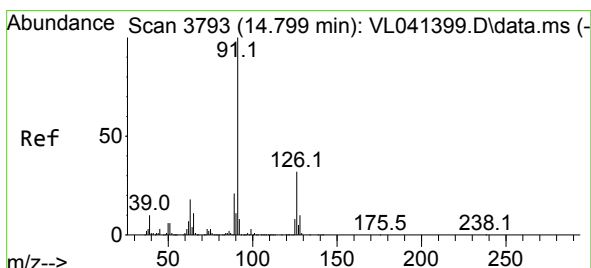
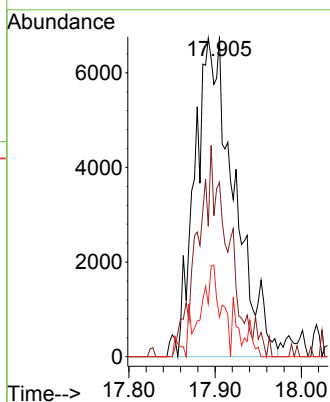
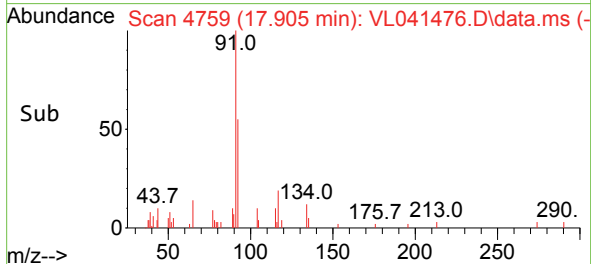
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 91 Resp: 2113
Ion Ratio Lower Upper
91 100
92 0.0 43.2 64.8
134 0.0 18.5 27.7

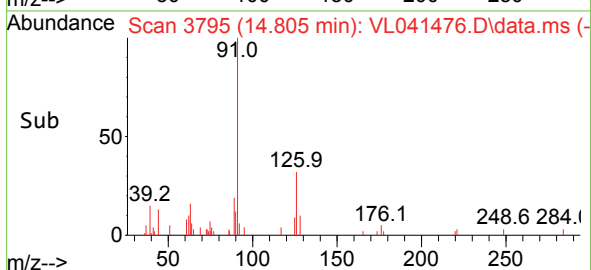
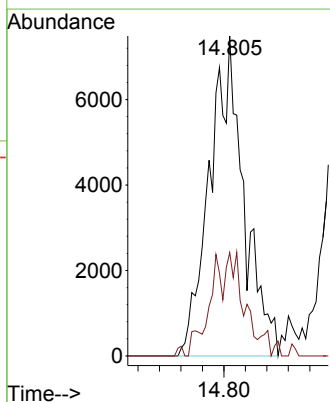
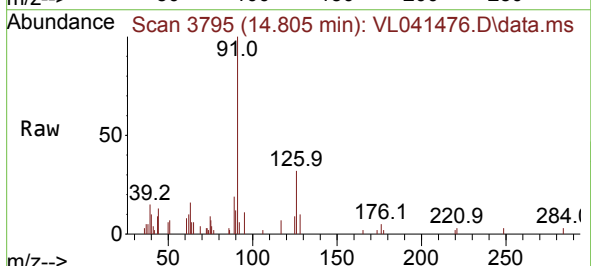
Manual Integrations
APPROVED

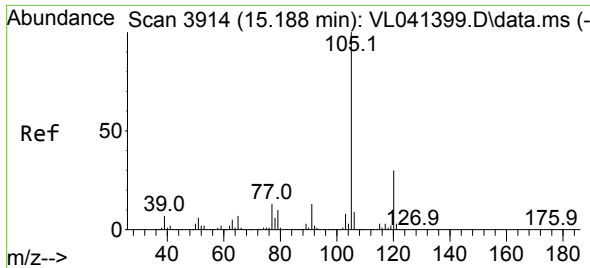
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#71
2-Chlorotoluene
Concen: 0.071 ppbv m
RT: 14.805 min Scan# 3795
Delta R.T. 0.006 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

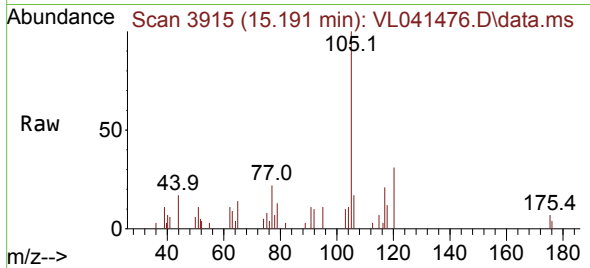
Tgt Ion: 91 Resp: 16551
Ion Ratio Lower Upper
91 100
126 0.0 12.7 50.9





#72
4-Ethyltoluene
Concen: 0.059 ppbv m
RT: 15.191 min Scan# 3915
Delta R.T. -0.000 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30

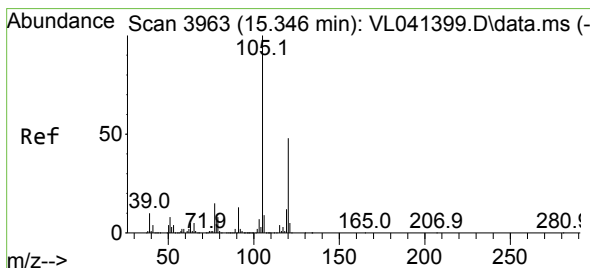
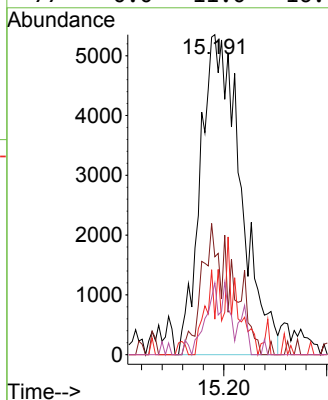
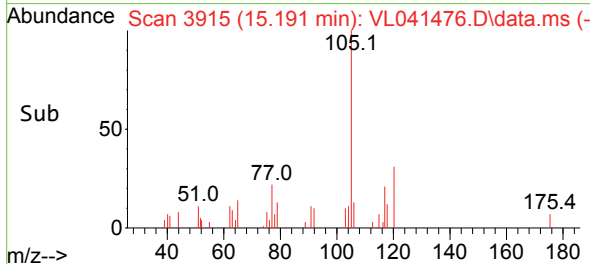
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



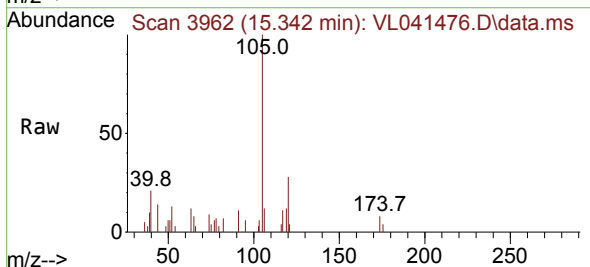
Tgt Ion:105 Resp: 14548
Ion Ratio Lower Upper
105 100
120 30.8 24.2 36.2
91 0.0 10.4 15.6
77 0.0 11.0 16.4#

Manual Integrations
APPROVED

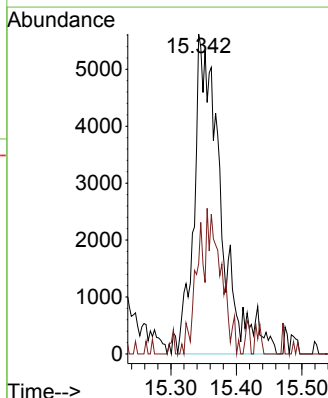
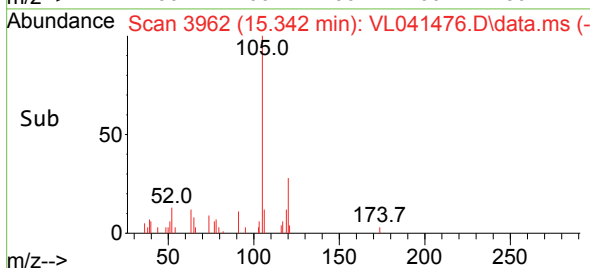
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

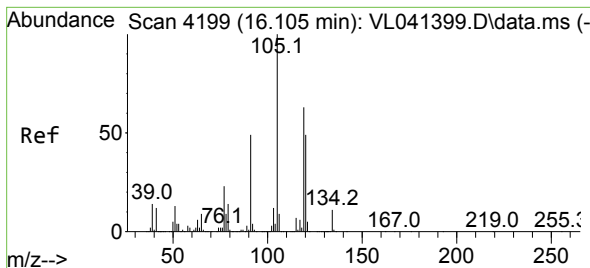


#73
1,3,5-Trimethylbenzene
Concen: 0.075 ppbv m
RT: 15.342 min Scan# 3962
Delta R.T. -0.007 min
Lab File: VL041476.D
Acq: 1 Aug 2024 13:30



Tgt Ion:105 Resp: 15947
Ion Ratio Lower Upper
105 100
120 28.2 38.6 57.8#





#74

1,2,4-Trimethylbenzene

Concen: 0.064 ppbv m

RT: 16.111 min Scan# 4199

Delta R.T. 0.003 min

Lab File: VL041476.D

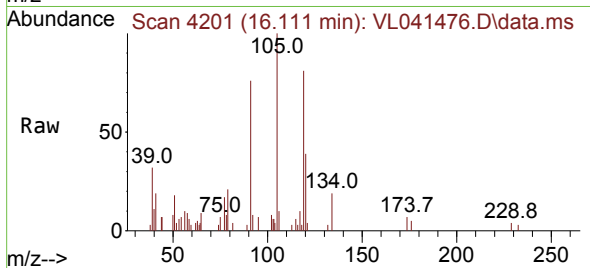
Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024



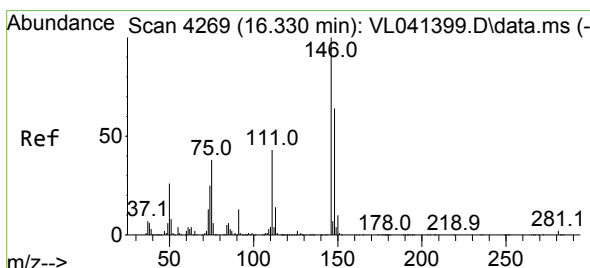
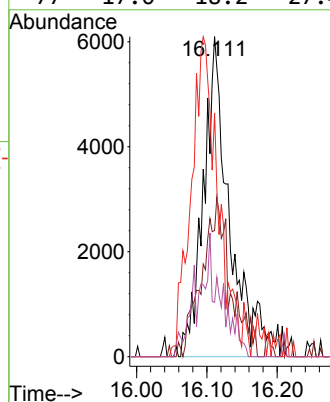
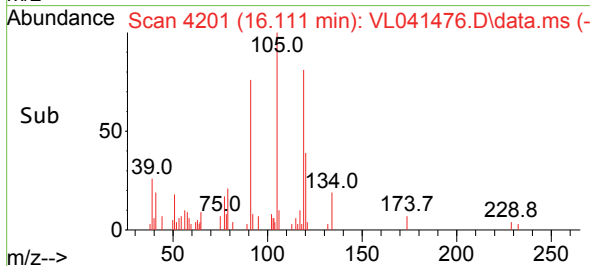
Tgt Ion:	105	Resp:	1578
Ion Ratio	Lower	Upper	
105	100		
120	39.5	39.5	59.3
91	76.2	39.8	59.8
77	17.0	18.2	27.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#75

1,3-Dichlorobenzene

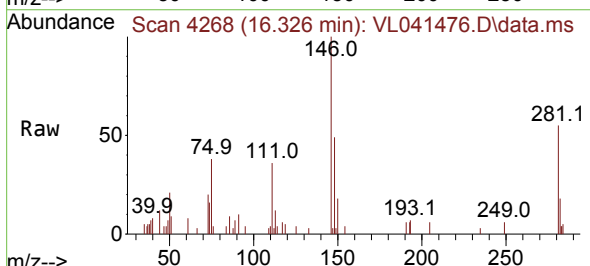
Concen: 0.100 ppbv m

RT: 16.326 min Scan# 4268

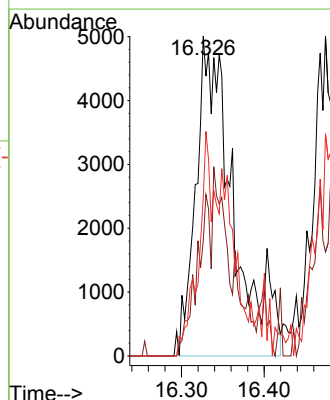
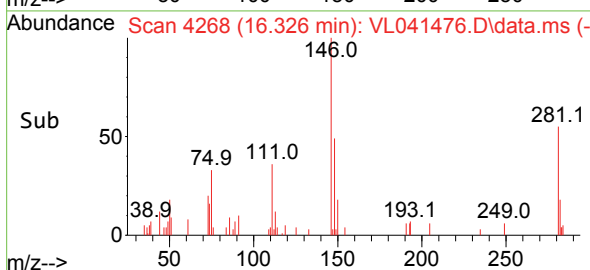
Delta R.T. -0.000 min

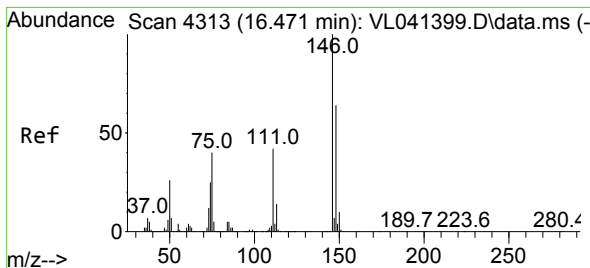
Lab File: VL041476.D

Acq: 1 Aug 2024 13:30



Tgt Ion:	146	Resp:	15552
Ion Ratio	Lower	Upper	
146	100		
111	0.0	22.6	67.8
148	63.0	32.3	96.8





#76

1,4-Dichlorobenzene

Concen: 0.097 ppbv m

RT: 16.474 min Scan# 4313

Delta R.T. 0.003 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

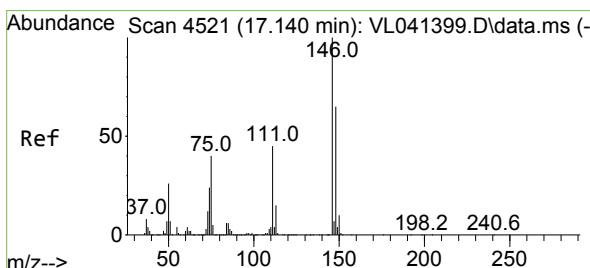
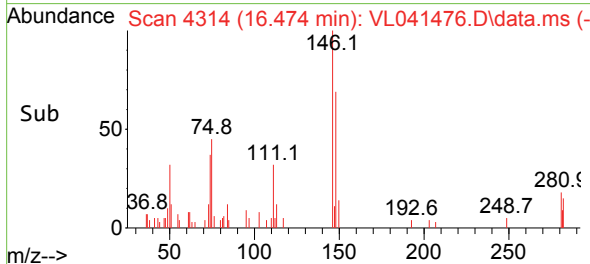
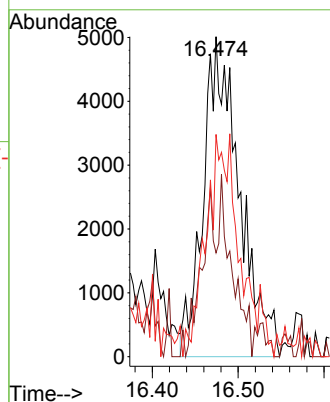
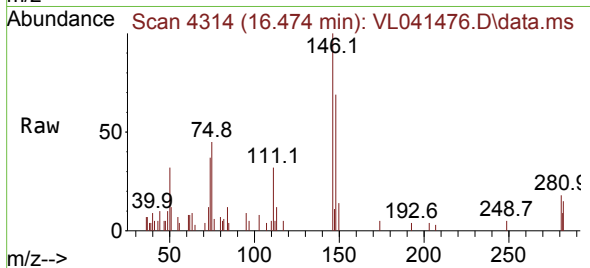
MDL-AIR-03-QT3-2024

Tgt Ion:146	Resp:	1454
Ion Ratio	Lower	Upper
146	100	
111	0.0	22.4
148	0.0	33.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#77

1,2-Dichlorobenzene

Concen: 0.091 ppbv m

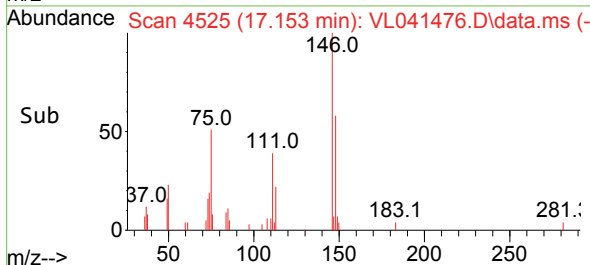
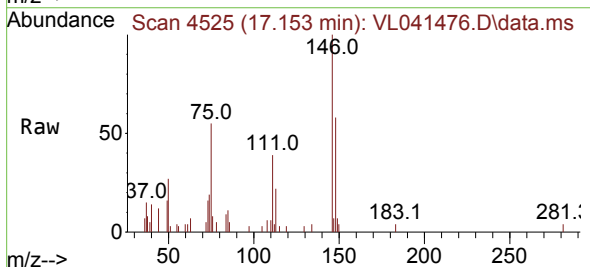
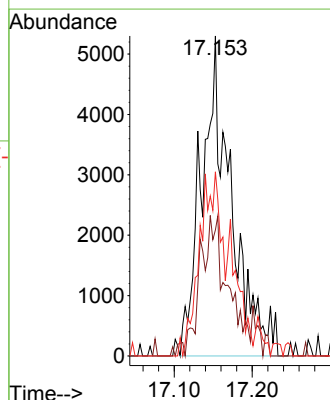
RT: 17.153 min Scan# 4525

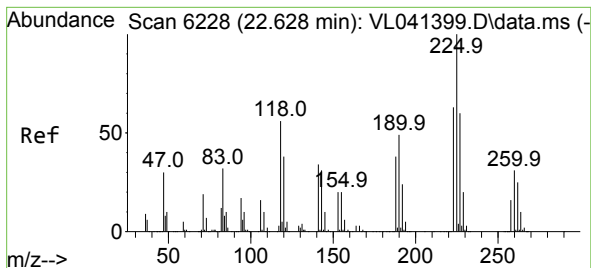
Delta R.T. 0.013 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Tgt Ion:146	Resp:	13988
Ion Ratio	Lower	Upper
146	100	
111	0.0	23.4
148	0.0	32.2





#78

Hexachloro-1,3-Butadiene

Concen: 0.123 ppbv m

RT: 22.644 min Scan# 6233

Delta R.T. 0.016 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

Instrument :

MSVOA_L

ClientSampleId :

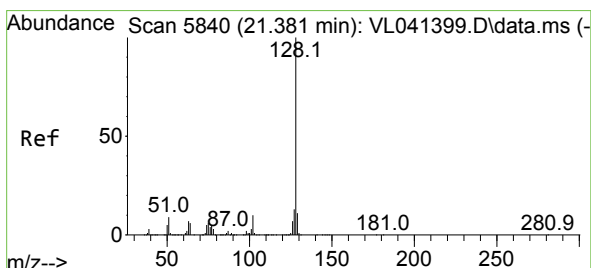
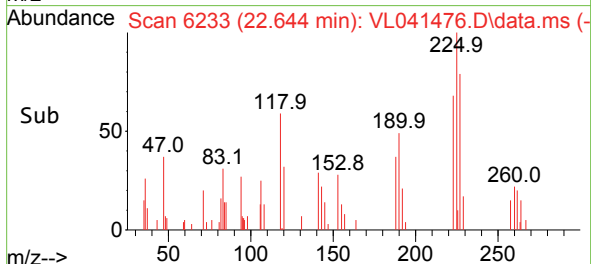
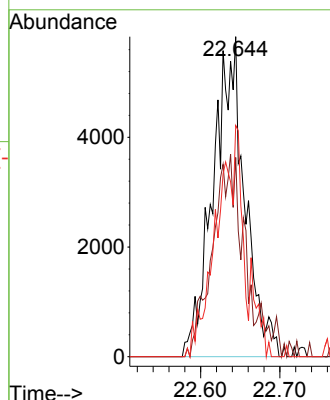
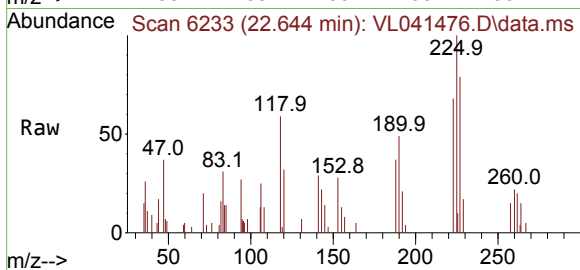
MDL-AIR-03-QT3-2024

Tgt Ion:	225	Resp:	16179
Ion Ratio	Lower	Upper	
225	100		
223	0.0	50.6	76.0
227	0.0	50.8	76.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#79

Naphthalene

Concen: 0.050 ppbv m

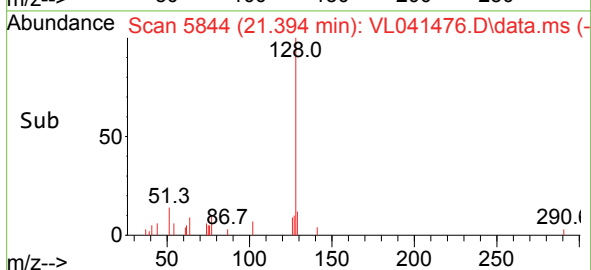
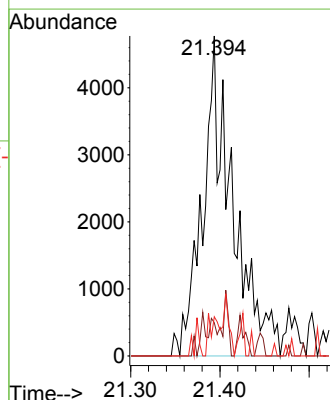
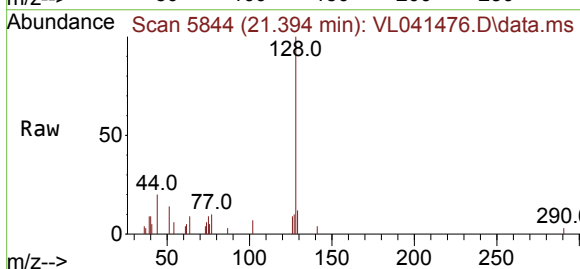
RT: 21.394 min Scan# 5844

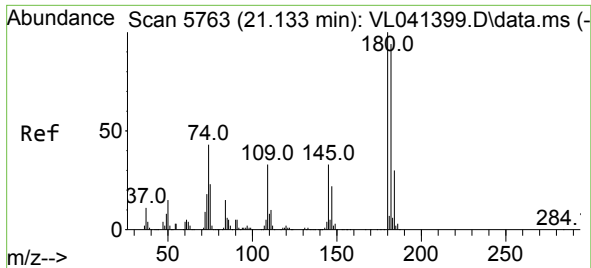
Delta R.T. 0.013 min

Lab File: VL041476.D

Acq: 1 Aug 2024 13:30

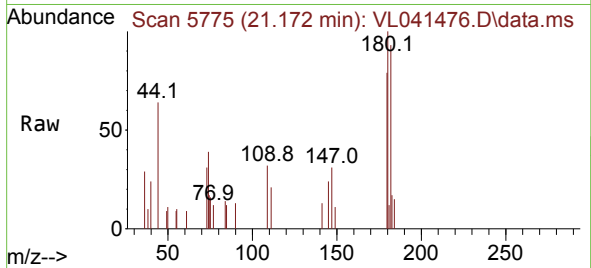
Tgt Ion:	128	Resp:	10894
Ion Ratio	Lower	Upper	
128	100		
127	10.4	10.3	15.5
129	12.3	9.0	13.4





#81
 1,2,4-Trichlorobenzene
 Concen: 0.064 ppbv m
 RT: 21.172 min Scan# 51
 Delta R.T. 0.035 min
 Lab File: VL041476.D
 Acq: 1 Aug 2024 13:30

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024



Tgt Ion:180 Resp: 833
 Ion Ratio Lower Upper
 180 100
 182 0.0 76.7 115.1
 184 33.9 24.5 36.7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

