

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041474.D
 Acq On : 1 Aug 2024 11:58
 Operator : SY/MD
 Sample : P3390-15 0.45 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Aug 02 05:21:04 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	5.189	49	866647	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2432361	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2284853	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1814752	10.321	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 103.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.845	85	70189m	0.471	ppbv	
3) Chlorodifluoromethane	2.661	51	34875	0.338	ppbv	99
4) Chloromethane	2.806	50	28777	0.524	ppbv	91
5) Vinyl Chloride	2.915	62	24545	0.454	ppbv	93
6) Bromomethane	3.115	94	14294	0.514	ppbv	# 81
7) Chloroethane	3.192	64	8697m	0.466	ppbv	
8) Dichlorotetrafluoroethane	2.845	85	67166	0.508	ppbv	98
9) Propene	2.684	41	4609m	0.097	ppbv	
10) Heptane	7.574	43	45181m	0.424	ppbv	
11) Trichlorofluoromethane	3.552	101	66057	0.499	ppbv	92
12) 1,1,2-Trichlorotrifluo...	4.060	101	50038	0.525	ppbv	95
13) Ethanol	3.256	45	1735m	0.410	ppbv	
14) Bromoethene	3.362	108	15333	0.413	ppbv	# 85
15) Acetone	3.484	43	46934	0.477	ppbv	# 85
16) 1,3-Butadiene	2.976	39	24574	0.467	ppbv	98
17) tert-Butyl alcohol	3.893	59	39394	0.439	ppbv	# 93
18) 1,1-Dichloroethene	3.870	96	20725m	0.508	ppbv	
19) Isopropyl Alcohol	3.591	45	23454m	0.407	ppbv	
20) Methylene Chloride	3.931	84	19342	0.527	ppbv	87
21) Allyl Chloride	3.989	41	28834	0.447	ppbv	87
22) trans-1,2-Dichloroethene	4.446	96	20121	0.493	ppbv	94
23) Vinyl Acetate	4.635	43	33783	0.449	ppbv	# 92
24) 1,1-Dichloroethane	4.555	63	46121	0.521	ppbv	98
25) Ethyl Acetate	5.211	43	88009	0.450	ppbv	# 97
26) Hexane	5.201	57	35900m	0.442	ppbv	
27) Carbon Disulfide	4.121	76	36059m	0.380	ppbv	
28) Methyl tert-Butyl Ether	4.594	73	24285	0.475	ppbv	96
29) Chloroform	5.269	83	67065	0.507	ppbv	95
30) Cyclohexane	6.600	84	32365m	0.490	ppbv	
31) cis-1,2-Dichloroethene	5.076	61	37837	0.472	ppbv	93
32) 1,1,1-Trichloroethane	5.999	97	60022	0.466	ppbv	96
34) 2-Butanone	4.799	43	52208	0.444	ppbv	97
35) Carbon Tetrachloride	6.487	117	59112	0.441	ppbv	90
36) Benzene	6.365	78	77478	0.436	ppbv	98
37) 1,2-Dichloroethane	5.806	62	45981	0.462	ppbv	99
38) Trichloroethene	7.291	130	36809	0.452	ppbv	# 91
39) 1,2-Dichloropropane	7.076	63	33579m	0.493	ppbv	
40) 1,4-Dioxane	7.314	88	10028m	0.367	ppbv	
41) Tetrahydrofuran	5.571	42	28772m	0.428	ppbv	
42) Bromodichloromethane	7.246	83	61981	0.432	ppbv	91
43) Methyl Methacrylate	7.475	69	23345m	0.366	ppbv	
44) 2,2,4-Trimethylpentane	7.323	57	125213	0.422	ppbv	# 88
45) t-1,3-Dichloropropene	8.716	75	19297m	0.329	ppbv	

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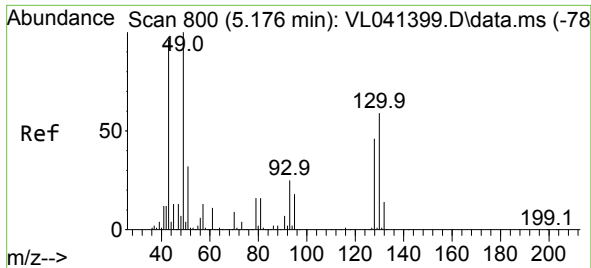
Quant Time: Aug 02 05:21:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
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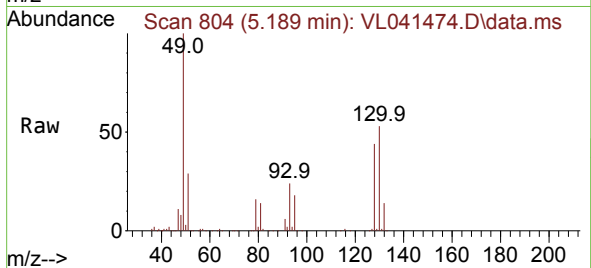
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	28523	0.337	ppbv	87
47) 1,1,2-Trichloroethane	8.886	97	39128m	0.522	ppbv	
48) Dibromochloromethane	9.709	129	46139	0.382	ppbv	99
49) Bromoform	12.400	173	36765m	0.360	ppbv	
50) 4-Methyl-2-Pentanone	8.195	43	76911m	0.414	ppbv	
51) 2-Hexanone	9.574	43	52577m	0.375	ppbv	
52) Tetrachloroethene	10.613	164	28759	0.419	ppbv	92
53) Toluene	9.217	91	71167	0.359	ppbv	100
54) 1,2-Dibromoethane	10.011	107	44863m	0.449	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.500	131	43691m	0.493	ppbv	
57) Chlorobenzene	11.523	112	83888	0.516	ppbv #	86
58) Ethyl Benzene	12.089	91	96486m	0.366	ppbv	
59) m/p-Xylene	12.368	91	188391m	0.829	ppbv	
60) o-Xylene	13.056	91	84166	0.391	ppbv	96
61) Styrene	12.889	104	29678m	0.306	ppbv	
62) Isopropylbenzene	14.031	105	145679	0.446	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.047	83	72751	0.536	ppbv	98
64) n-propylbenzene	14.912	120	35489	0.415	ppbv	80
65) tert-Butylbenzene	16.088	119	128474m	0.435	ppbv	
66) Benzyl Chloride	16.336	91	7852m	0.415	ppbv	
67) sec-Butylbenzene	16.638	105	188956	0.464	ppbv	98
69) p-Isopropyltoluene	16.998	119	141642m	0.420	ppbv	
70) n-Butylbenzene	17.889	91	140888	0.407	ppbv	98
71) 2-Chlorotoluene	14.799	91	96357	0.400	ppbv	98
72) 4-Ethyltoluene	15.188	105	98424	0.389	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.352	105	92982m	0.426	ppbv	
74) 1,2,4-Trimethylbenzene	16.104	105	115382	0.455	ppbv	93
75) 1,3-Dichlorobenzene	16.330	146	76646	0.481	ppbv	98
76) 1,4-Dichlorobenzene	16.477	146	79521m	0.515	ppbv	
77) 1,2-Dichlorobenzene	17.137	146	84095m	0.532	ppbv	
78) Hexachloro-1,3-Butadiene	22.632	225	74596m	0.554	ppbv	
79) Naphthalene	21.387	128	81280m	0.363	ppbv	
80) Naphthalene,2-methyl-	24.381	142	42373m	0.226	ppbv	
81) 1,2,4-Trichlorobenzene	21.133	180	58897m	0.442	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

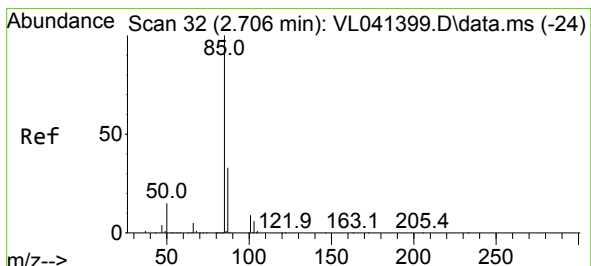
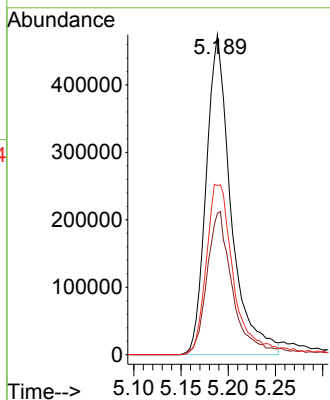
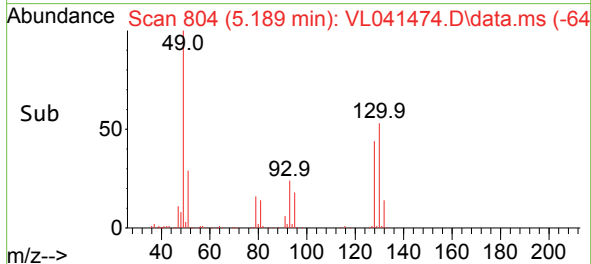
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 49 Resp: 86664
Ion Ratio Lower Upper
49 100
128 48.2 23.8 71.4
130 61.8 30.8 92.4

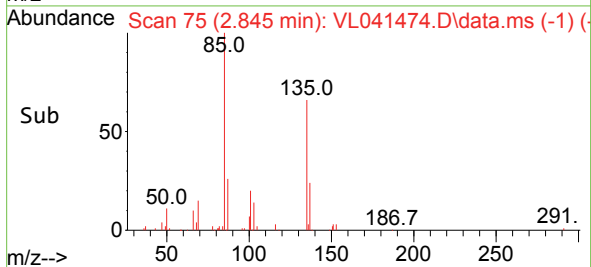
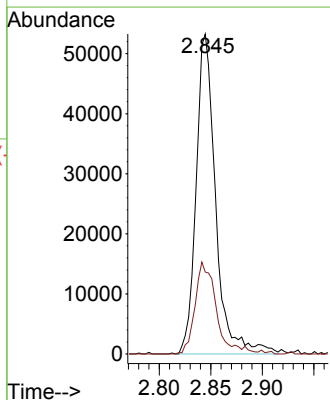
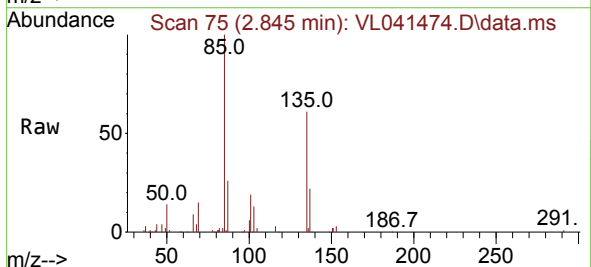
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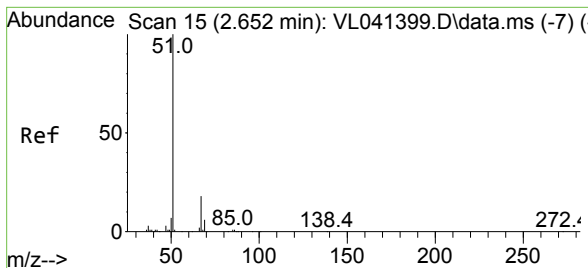
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#2
Dichlorodifluoromethane
Concen: 0.471 ppbv m
RT: 2.845 min Scan# 75
Delta R.T. 0.116 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

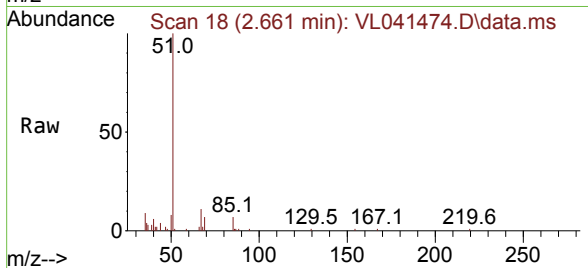
Tgt Ion: 85 Resp: 70189
Ion Ratio Lower Upper
85 100
87 25.6 26.0 39.0





#3
Chlorodifluoromethane
Concen: 0.338 ppbv
RT: 2.661 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

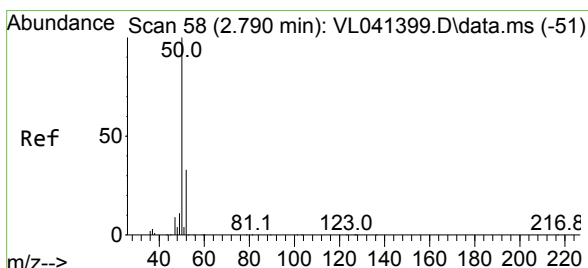
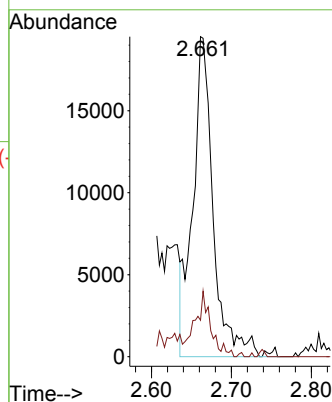
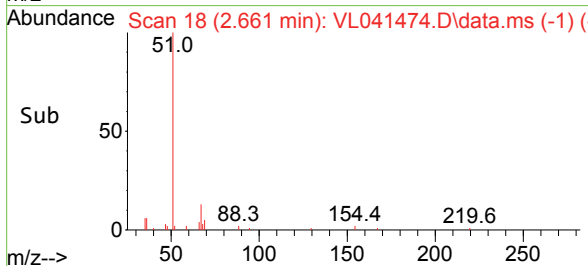
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 51 Resp: 34875
Ion Ratio Lower Upper
51 100
67 18.7 14.5 21.7

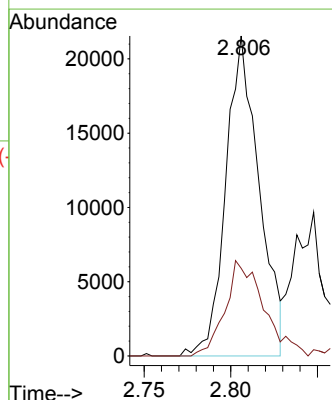
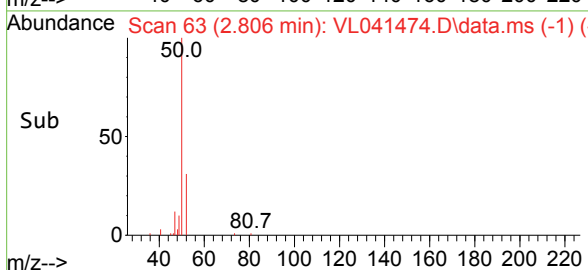
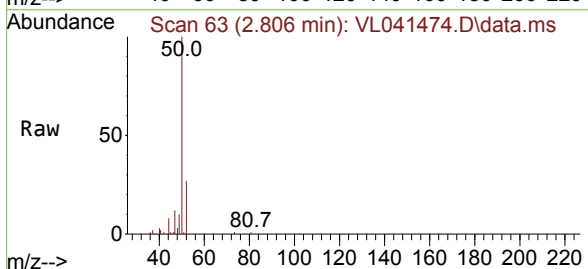
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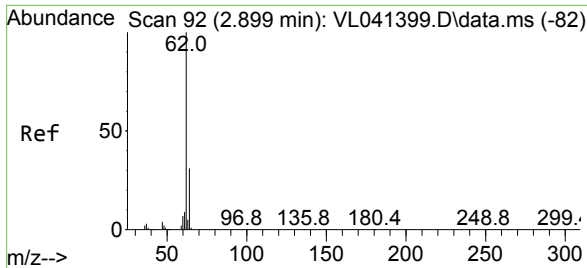
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#4
Chloromethane
Concen: 0.524 ppbv
RT: 2.806 min Scan# 63
Delta R.T. -0.007 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

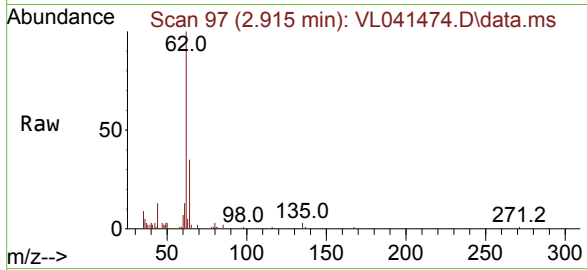
Tgt Ion: 50 Resp: 28777
Ion Ratio Lower Upper
50 100
52 27.4 26.1 39.1





#5
 Vinyl Chloride
 Concen: 0.454 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. -0.007 min
 Lab File: VL041474.D
 Acq: 1 Aug 2024 11:58

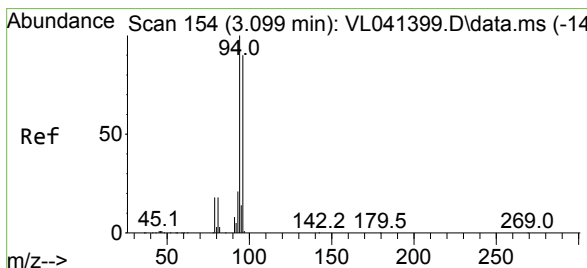
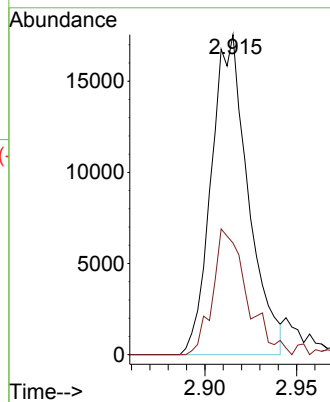
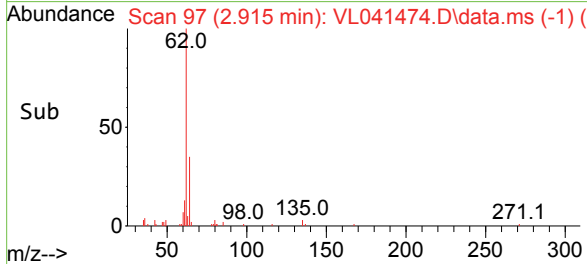
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024



Tgt Ion: 62 Resp: 2454
 Ion Ratio Lower Upper
 62 100
 64 34.9 25.0 37.4

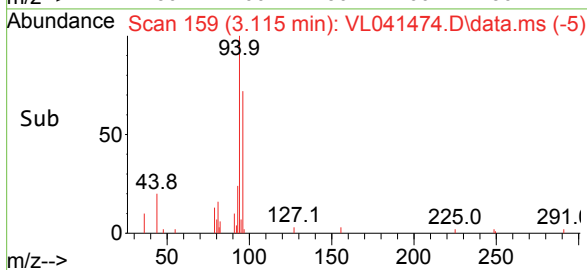
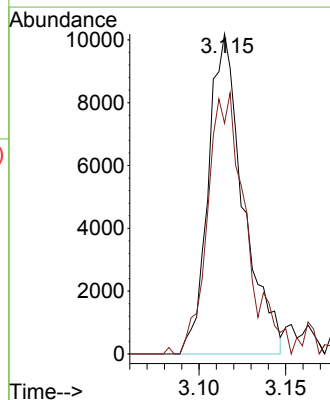
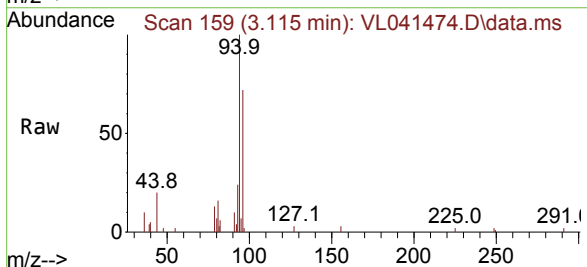
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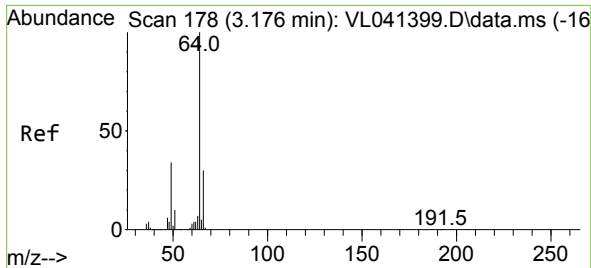
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#6
 Bromomethane
 Concen: 0.514 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. -0.003 min
 Lab File: VL041474.D
 Acq: 1 Aug 2024 11:58

Tgt Ion: 94 Resp: 14294
 Ion Ratio Lower Upper
 94 100
 96 72.1 72.3 108.5





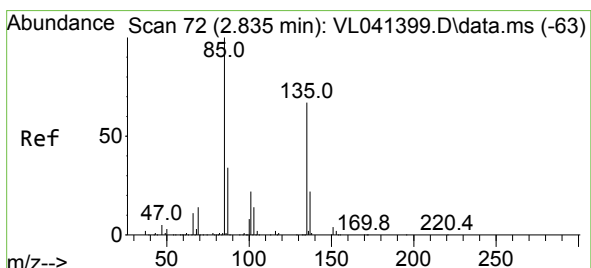
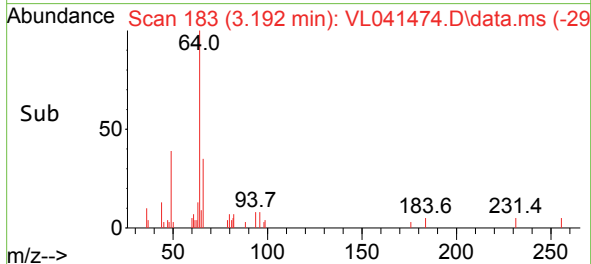
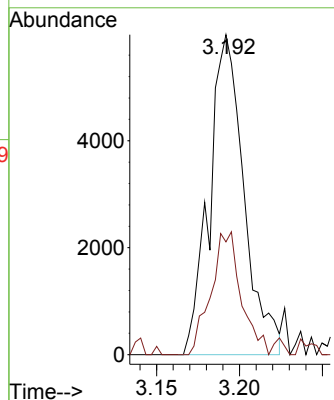
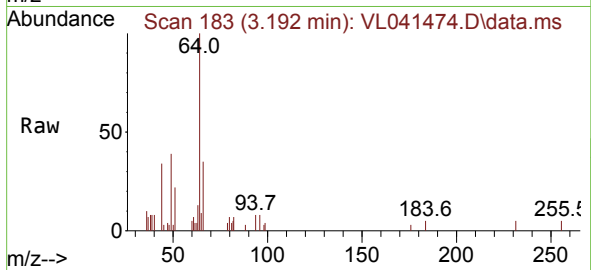
#7
Chloroethane
Concen: 0.466 ppbv m
RT: 3.192 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

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

Tgt Ion: 64 Resp: 869
Ion Ratio Lower Upper
64 100
66 35.2 24.2 36.2

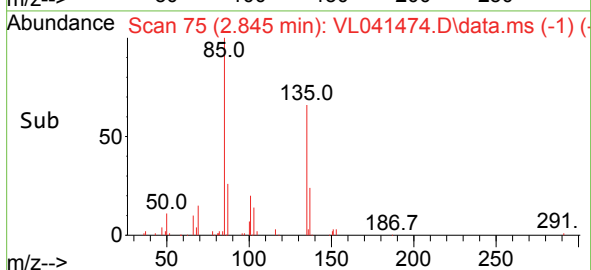
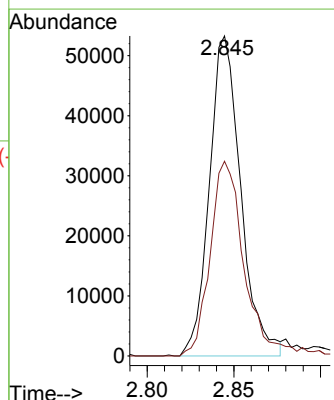
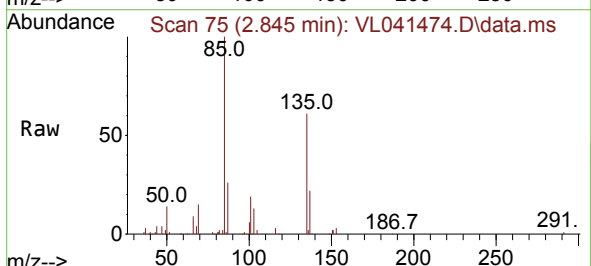
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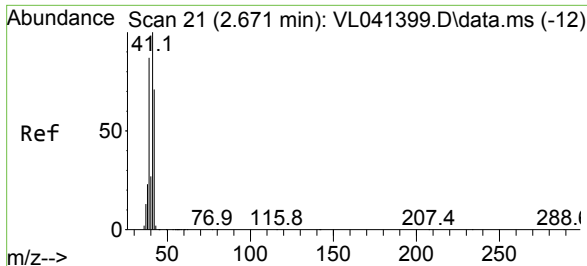
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#8
Dichlorotetrafluoroethane
Concen: 0.508 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.013 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

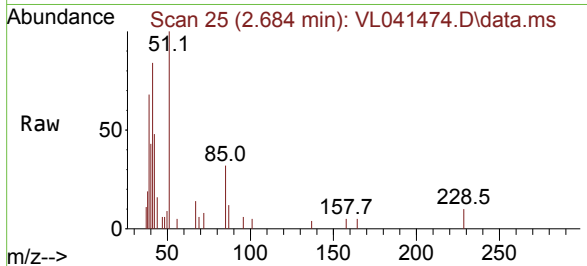
Tgt Ion: 85 Resp: 67166
Ion Ratio Lower Upper
85 100
135 67.5 55.4 83.0





#9
Propene
Concen: 0.097 ppbv m
RT: 2.684 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

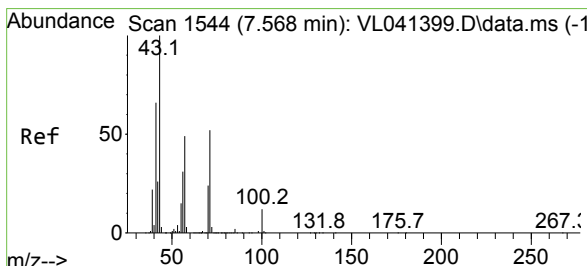
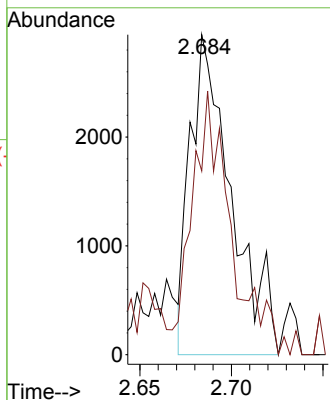
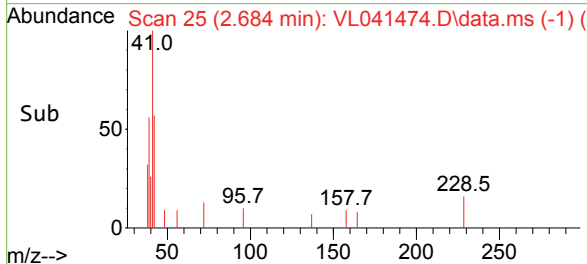
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



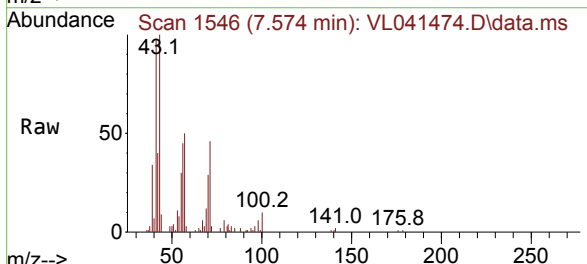
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Ion Ratio Lower Upper
41 100
42 93.9 55.9 83.9

Manual Integrations
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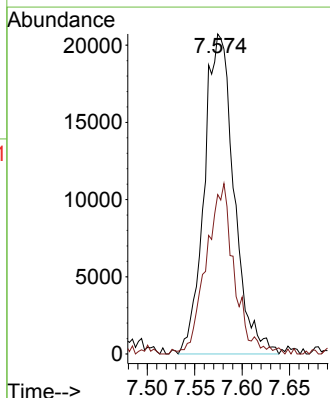
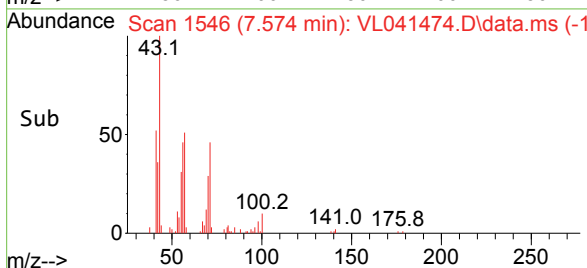
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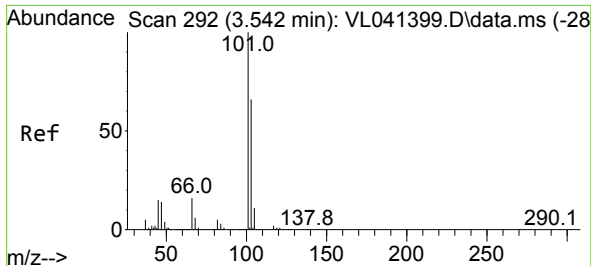


#10
Heptane
Concen: 0.424 ppbv m
RT: 7.574 min Scan# 1546
Delta R.T. -0.003 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58



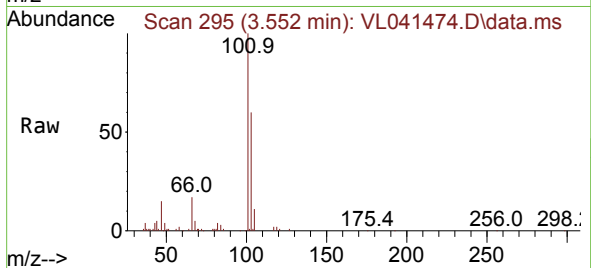
Tgt Ion: 43 Resp: 45181
Ion Ratio Lower Upper
43 100
57 50.4 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 0.499 ppbv
 RT: 3.552 min Scan# 292
 Delta R.T. -0.010 min
 Lab File: VL041474.D
 Acq: 1 Aug 2024 11:58

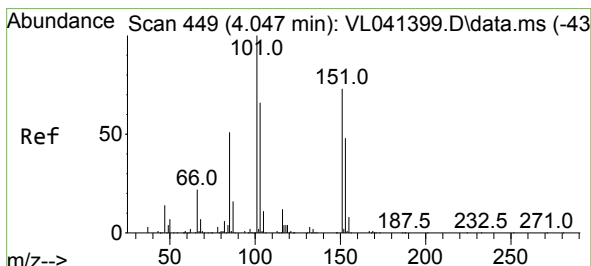
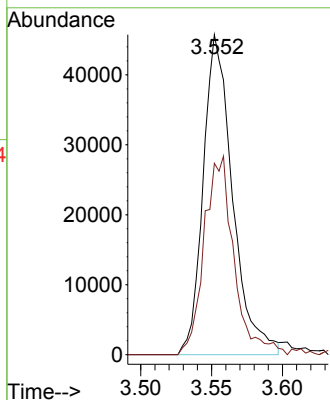
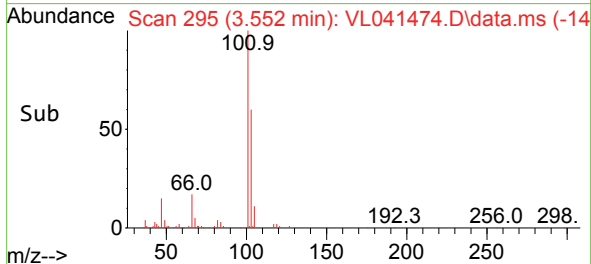
Instrument : MSVOA_L
 ClientSampleId : MDL-AIR-03-QT3-2024



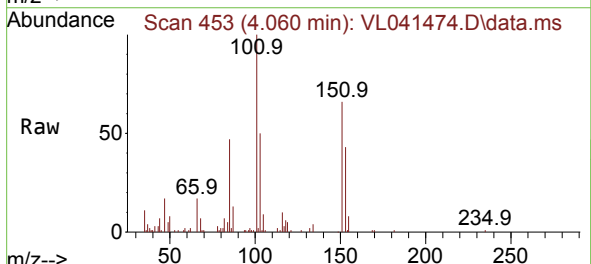
Tgt Ion:101 Resp: 6605
 Ion Ratio Lower Upper
 101 100
 103 59.8 52.6 79.0

Manual Integrations
 APPROVED

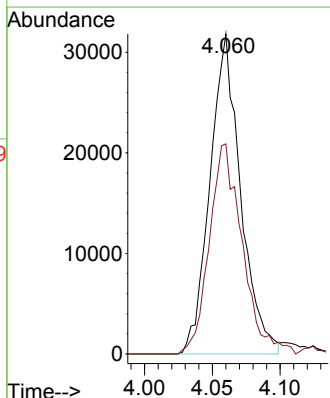
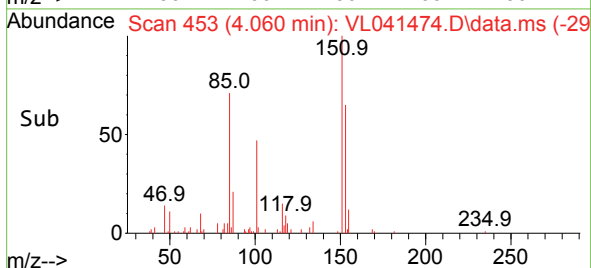
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

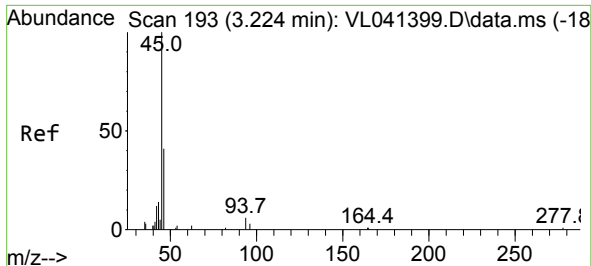


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.525 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. -0.003 min
 Lab File: VL041474.D
 Acq: 1 Aug 2024 11:58



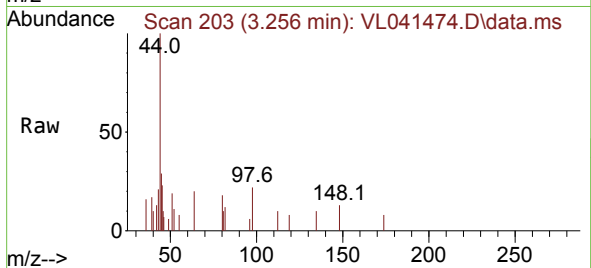
Tgt Ion:101 Resp: 50038
 Ion Ratio Lower Upper
 101 100
 151 70.4 59.4 89.2





#13
Ethanol
Concen: 0.410 ppbv m
RT: 3.256 min Scan# 203
Delta R.T. 0.010 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

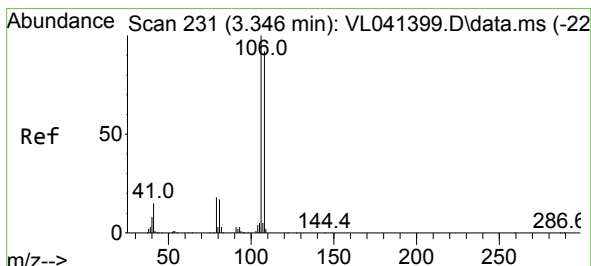
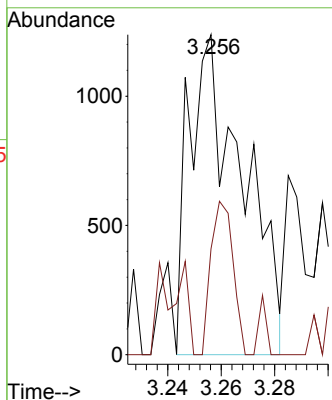
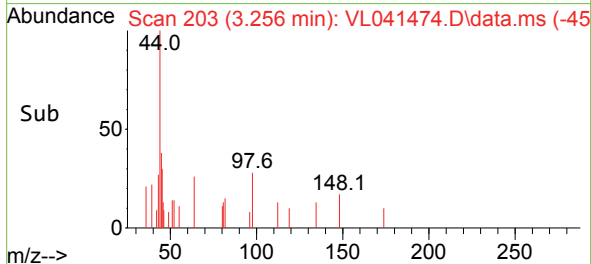
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



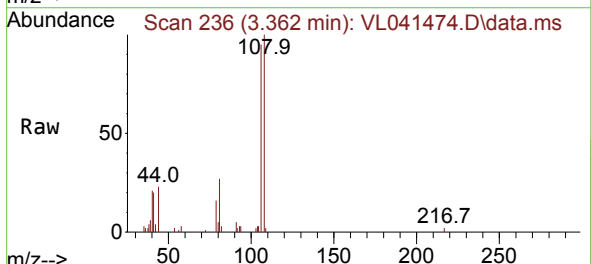
Tgt Ion: 45 Resp: 173
Ion Ratio Lower Upper
45 100
46 0.0 13.4 53.4

Manual Integrations
APPROVED

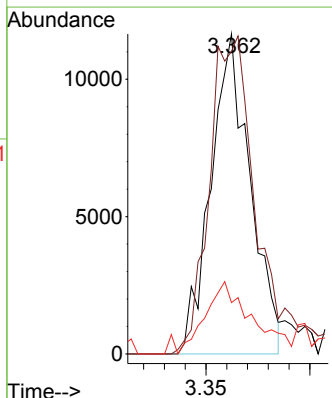
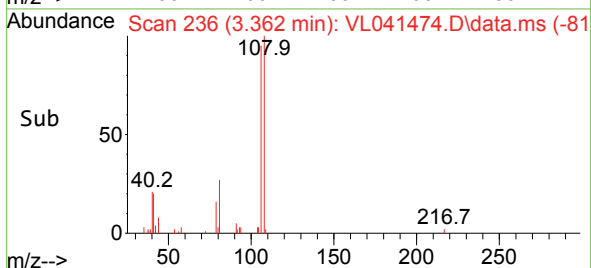
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

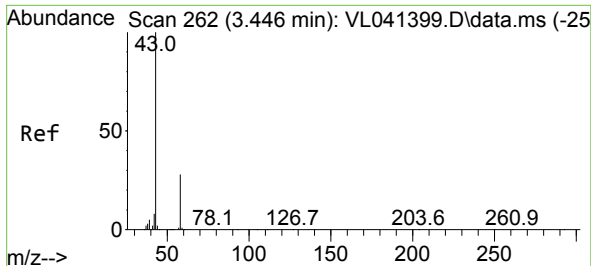


#14
Bromoethene
Concen: 0.413 ppbv
RT: 3.362 min Scan# 236
Delta R.T. -0.000 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58



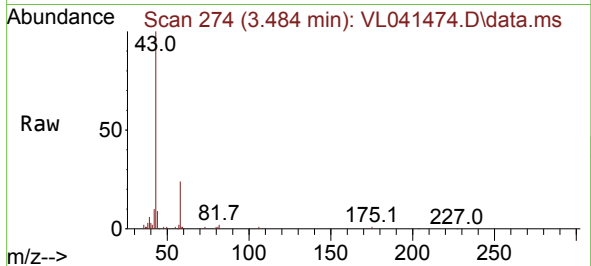
Tgt Ion:108 Resp: 15333
Ion Ratio Lower Upper
108 100
106 123.8 86.9 130.3
79 29.1 16.2 24.4





#15
Acetone
Concen: 0.477 ppbv
RT: 3.484 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

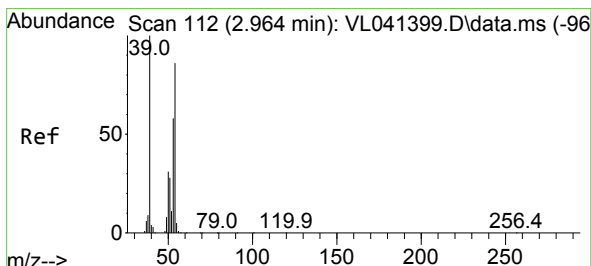
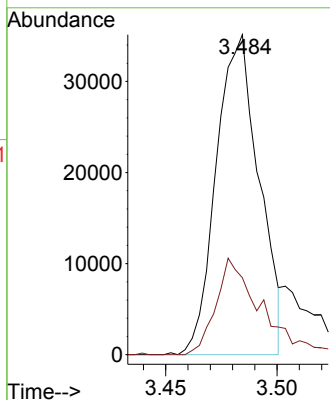
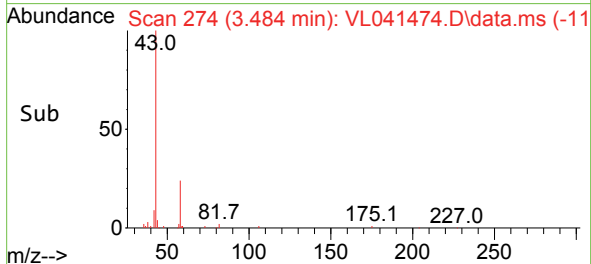
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 43 Resp: 46934
Ion Ratio Lower Upper
43 100
58 34.7 21.4 32.2

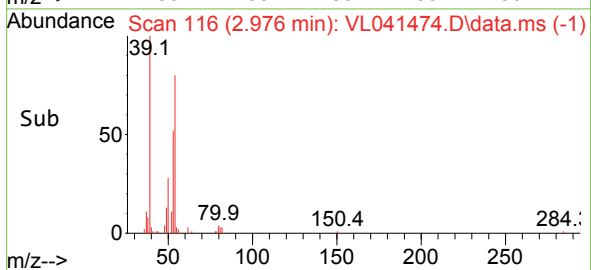
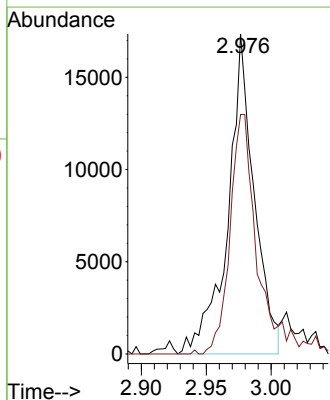
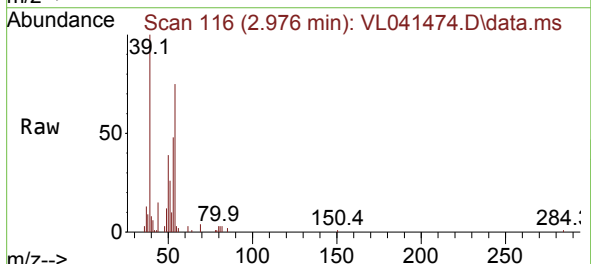
Manual Integrations
APPROVED

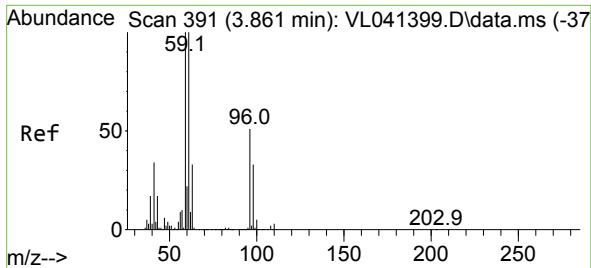
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#16
1,3-Butadiene
Concen: 0.467 ppbv
RT: 2.976 min Scan# 116
Delta R.T. -0.010 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

Tgt Ion: 39 Resp: 24574
Ion Ratio Lower Upper
39 100
54 79.4 62.5 93.7





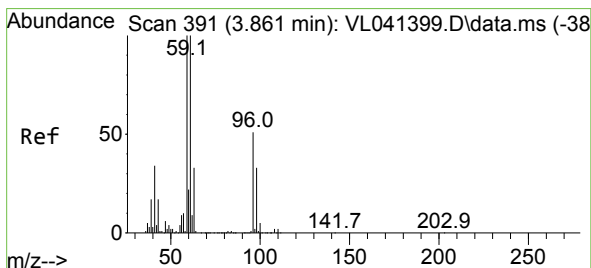
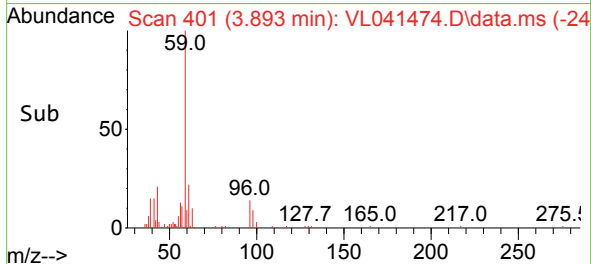
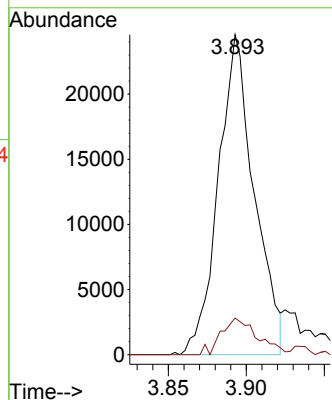
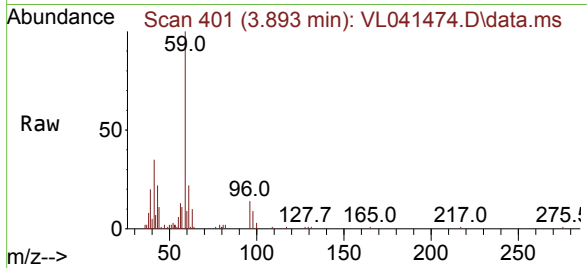
#17
tert-Butyl alcohol
Concen: 0.439 ppbv
RT: 3.893 min Scan# 401
Delta R.T. 0.019 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

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

Tgt Ion: 59 Resp: 39394
Ion Ratio Lower Upper
59 100
57 13.3 8.6 12.8

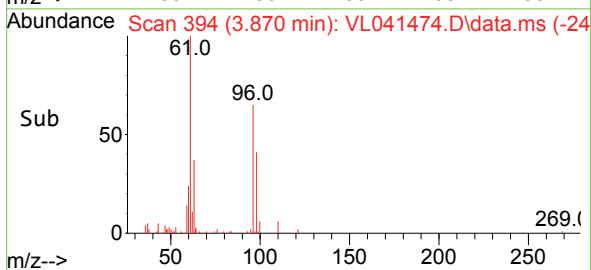
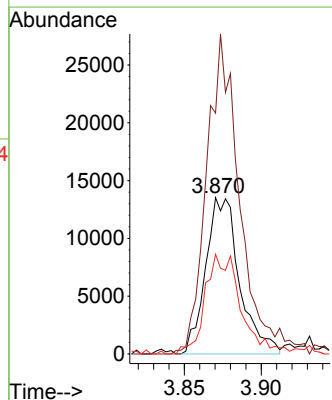
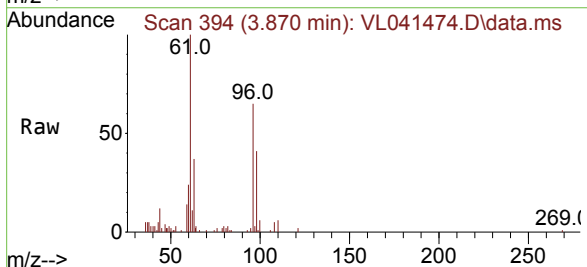
Manual Integrations
APPROVED

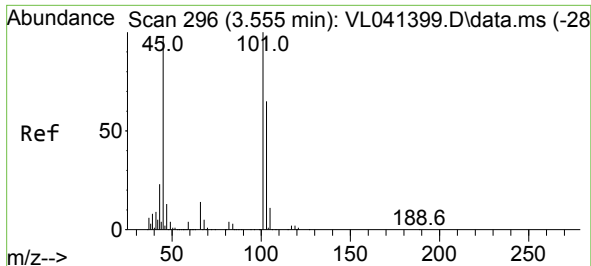
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#18
1,1-Dichloroethene
Concen: 0.508 ppbv m
RT: 3.870 min Scan# 394
Delta R.T. -0.007 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

Tgt Ion: 96 Resp: 20725
Ion Ratio Lower Upper
96 100
61 154.0 157.5 236.3#
98 63.7 51.2 76.8





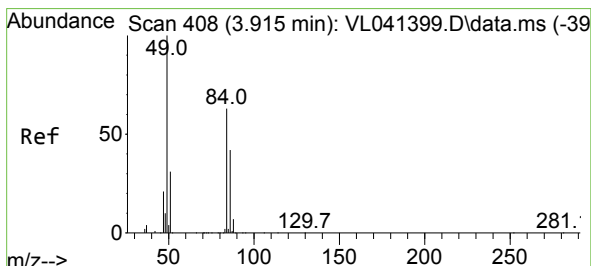
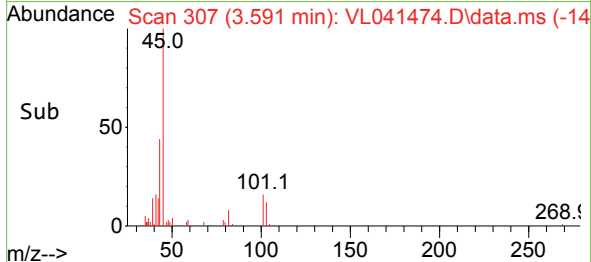
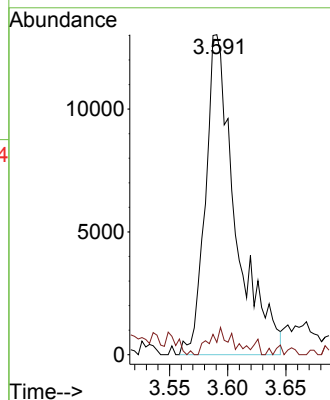
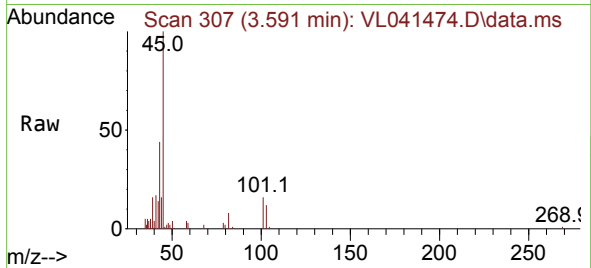
#19
Isopropyl Alcohol
Concen: 0.407 ppbv m
RT: 3.591 min Scan# 307
Delta R.T. 0.016 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

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

Tgt Ion: 45 Resp: 23454
Ion Ratio Lower Upper
45 100
58 8.9 1.9 2.9

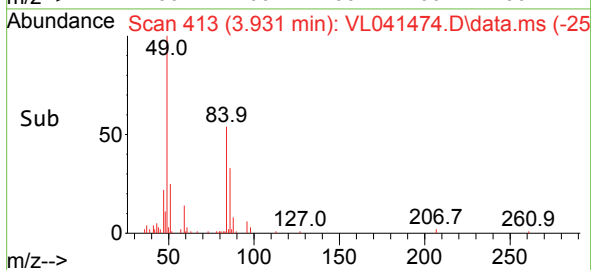
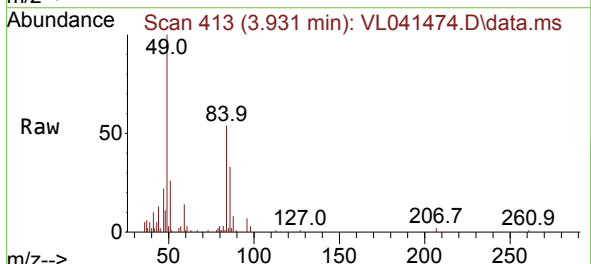
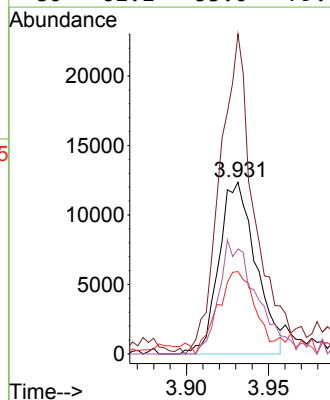
Manual Integrations
APPROVED

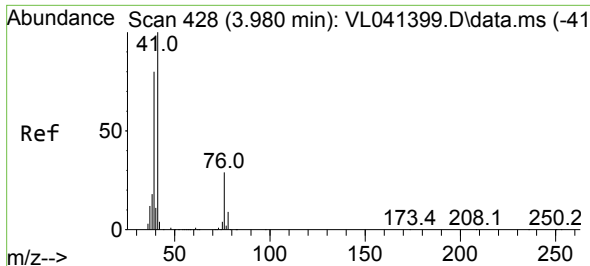
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#20
Methylene Chloride
Concen: 0.527 ppbv
RT: 3.931 min Scan# 413
Delta R.T. -0.000 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

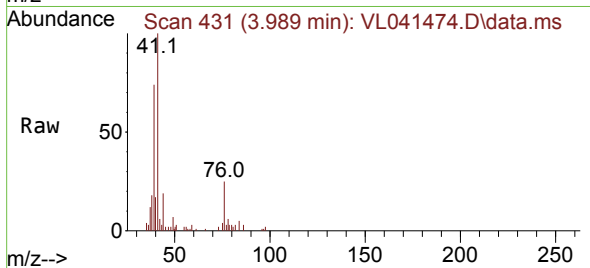
Tgt Ion: 84 Resp: 19342
Ion Ratio Lower Upper
84 100
49 182.9 126.6 190.0
51 46.4 38.6 58.0
86 61.1 53.0 79.4





#21
 Allyl Chloride
 Concen: 0.447 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VL041474.D
 Acq: 1 Aug 2024 11:58

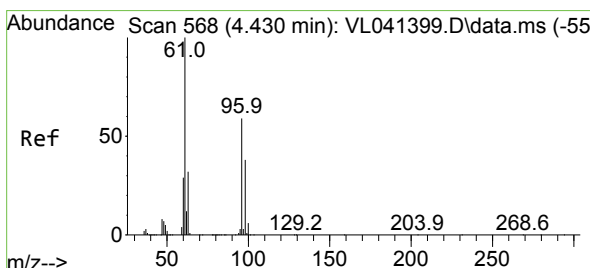
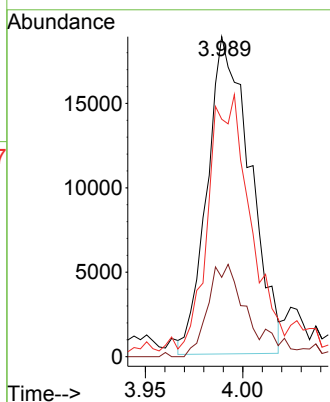
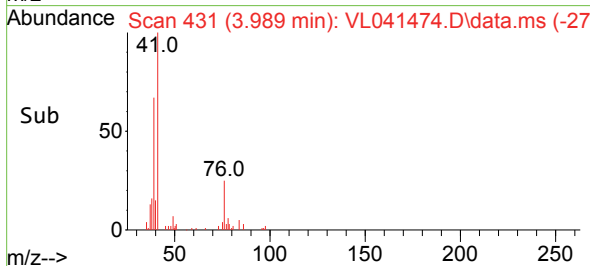
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024



Tgt Ion: 41 Resp: 28834
 Ion Ratio Lower Upper
 41 100
 76 29.0 23.7 35.5
 39 96.0 64.3 96.5

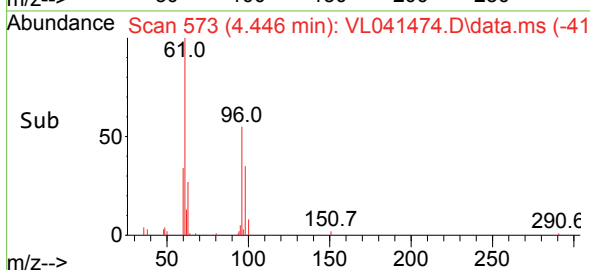
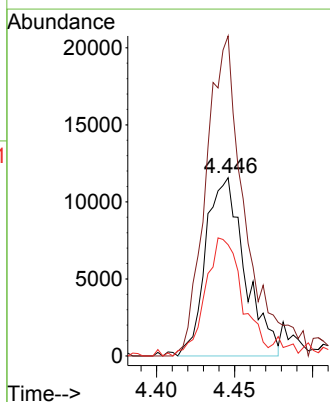
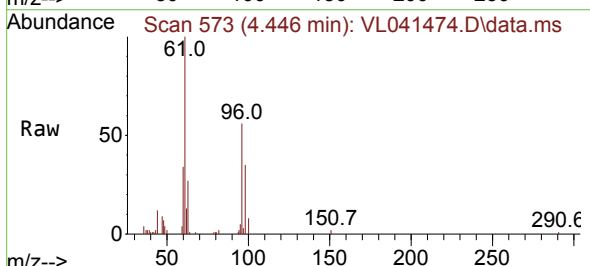
Manual Integrations
 APPROVED

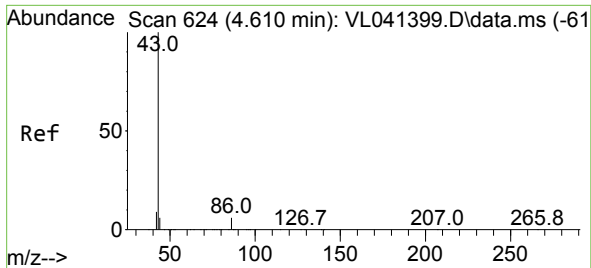
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#22
 trans-1,2-Dichloroethene
 Concen: 0.493 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. 0.003 min
 Lab File: VL041474.D
 Acq: 1 Aug 2024 11:58

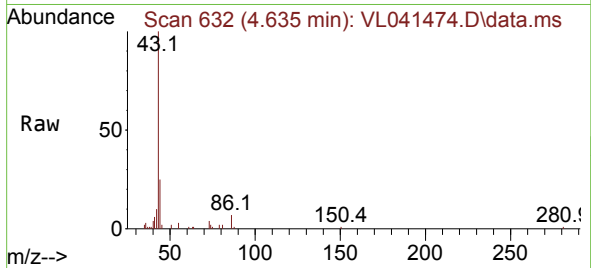
Tgt Ion: 96 Resp: 20121
 Ion Ratio Lower Upper
 96 100
 61 176.8 135.4 203.2
 98 59.4 51.0 76.4





#23
 Vinyl Acetate
 Concen: 0.449 ppbv
 RT: 4.635 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VL041474.D
 Acq: 1 Aug 2024 11:58

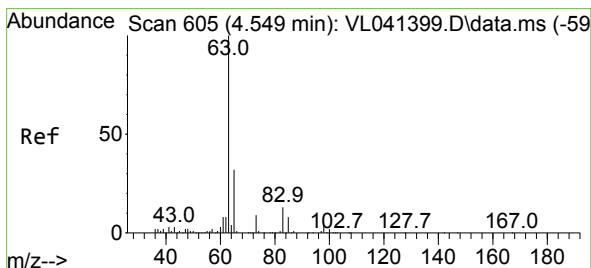
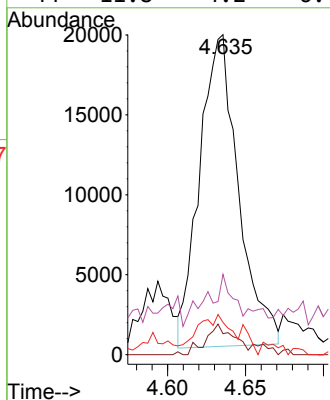
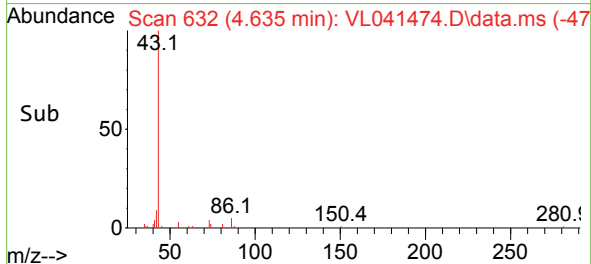
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024



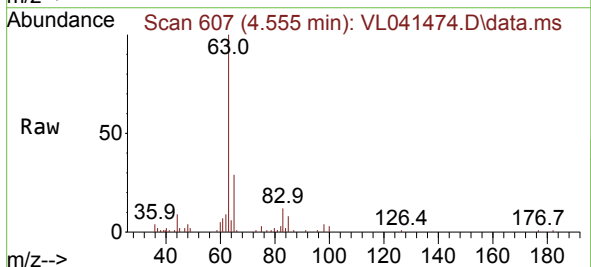
Tgt Ion: 43 Resp: 3378
 Ion Ratio Lower Upper
 43 100
 86 7.1 4.6 6.8
 42 8.6 7.9 11.9
 44 11.8 4.2 6.4#

Manual Integrations
 APPROVED

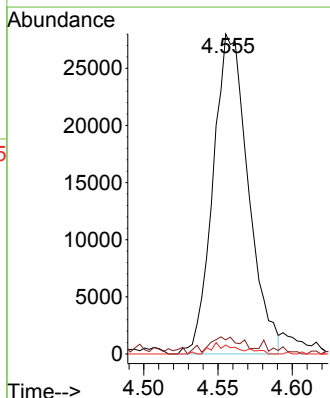
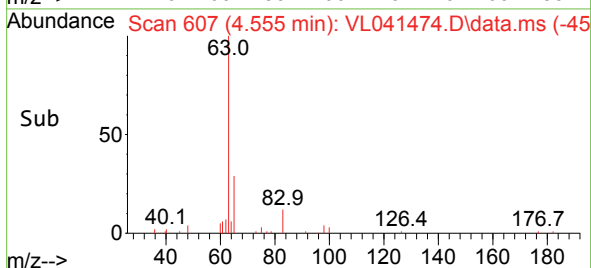
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

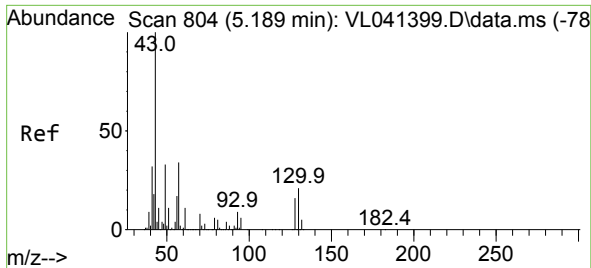


#24
 1,1-Dichloroethane
 Concen: 0.521 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. -0.007 min
 Lab File: VL041474.D
 Acq: 1 Aug 2024 11:58



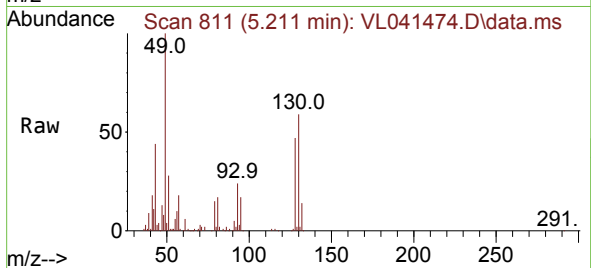
Tgt Ion: 63 Resp: 46121
 Ion Ratio Lower Upper
 63 100
 98 3.3 2.0 6.0
 100 2.8 1.2 3.6





#25
Ethyl Acetate
Concen: 0.450 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.010 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

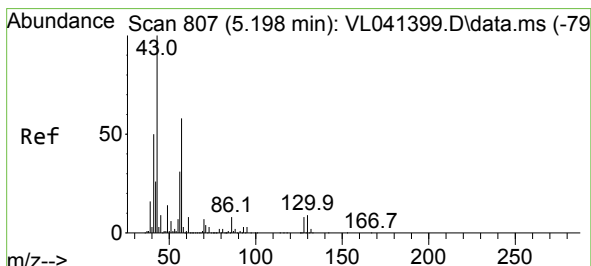
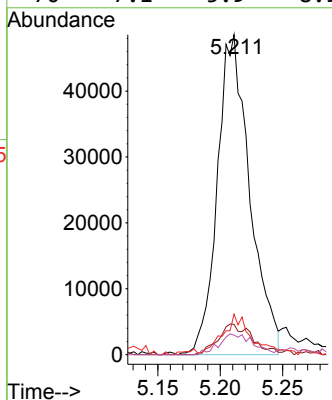
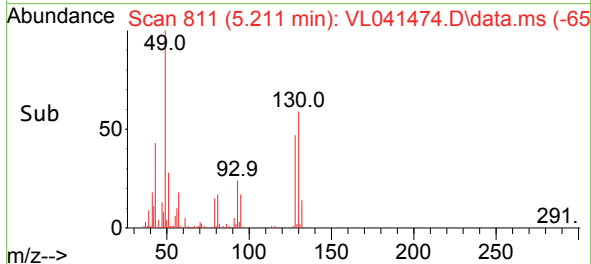
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 43 Resp: 88009
Ion Ratio Lower Upper
43 100
45 10.4 8.5 12.7
61 13.1 8.0 12.0
70 7.1 5.9 8.9

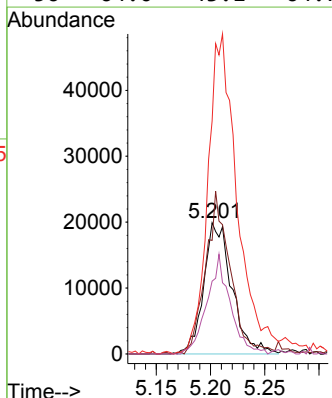
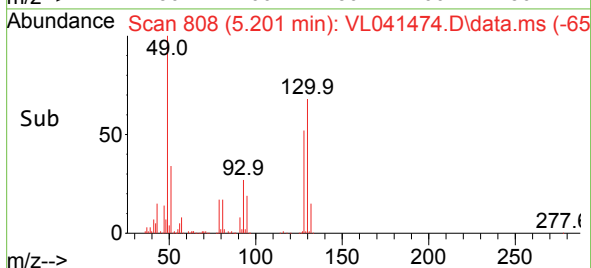
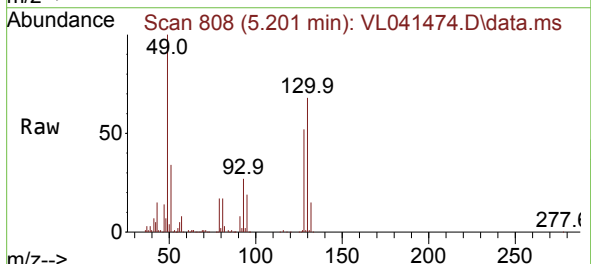
Manual Integrations
APPROVED

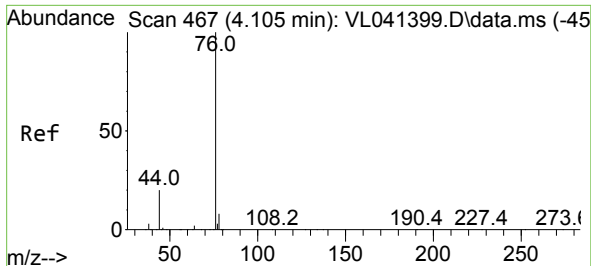
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#26
Hexane
Concen: 0.442 ppbv m
RT: 5.201 min Scan# 808
Delta R.T. -0.010 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

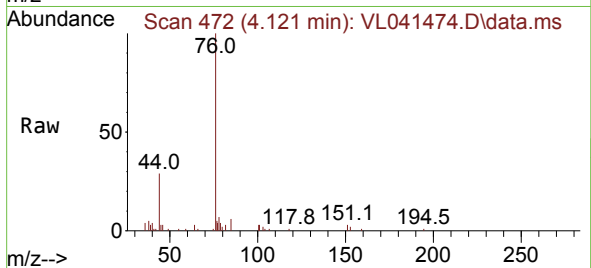
Tgt Ion: 57 Resp: 35900
Ion Ratio Lower Upper
57 100
41 111.6 74.0 111.0#
43 264.8 193.6 290.4
56 64.0 43.1 64.7





#27
Carbon Disulfide
Concen: 0.380 ppbv m
RT: 4.121 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

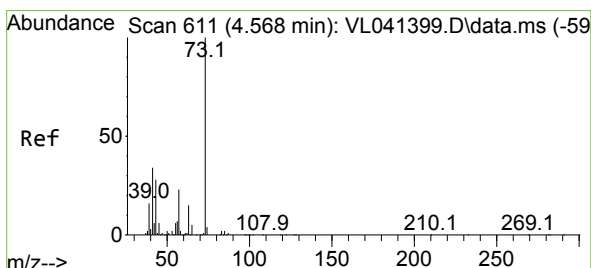
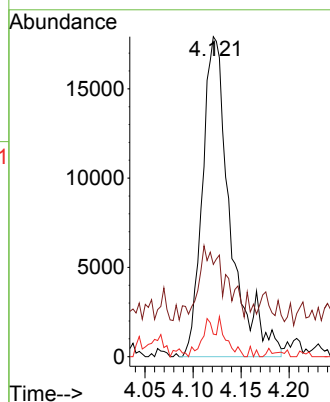
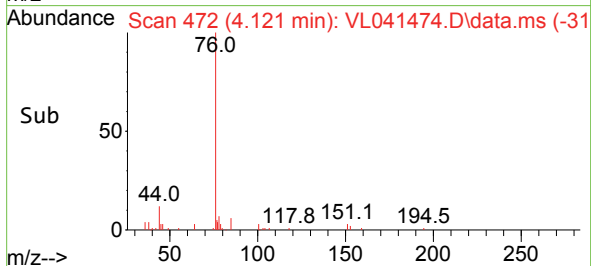
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 76 Resp: 3605
Ion Ratio Lower Upper
76 100
44 32.2 15.6 23.4
78 9.5 7.7 11.5

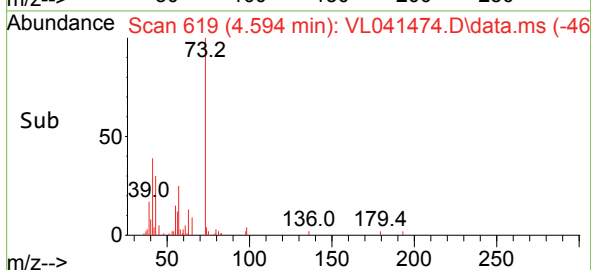
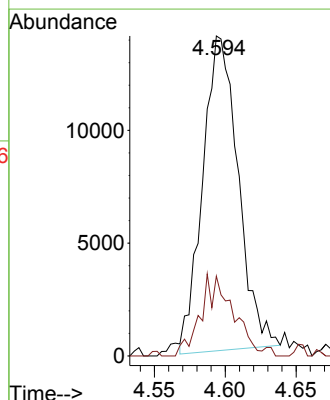
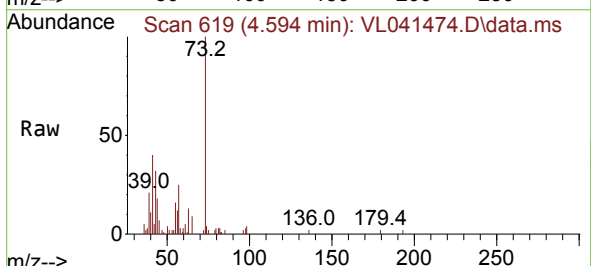
Manual Integrations
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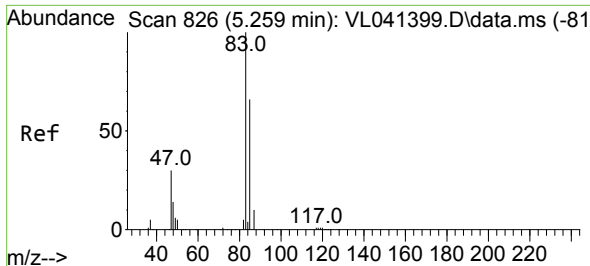
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#28
Methyl tert-Butyl Ether
Concen: 0.475 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.013 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

Tgt Ion: 73 Resp: 24285
Ion Ratio Lower Upper
73 100
57 25.7 18.9 28.3





#29

Chloroform

Concen: 0.507 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041474.D

Acq: 1 Aug 2024 11:58

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

Tgt Ion: 83 Resp: 6706

Ion Ratio Lower Upper

83 100

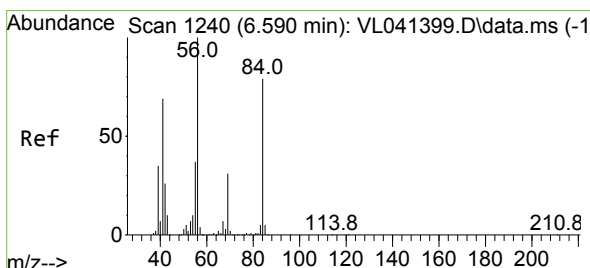
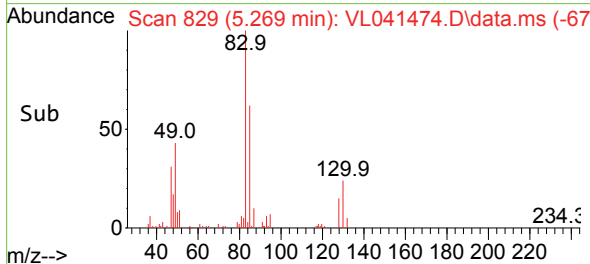
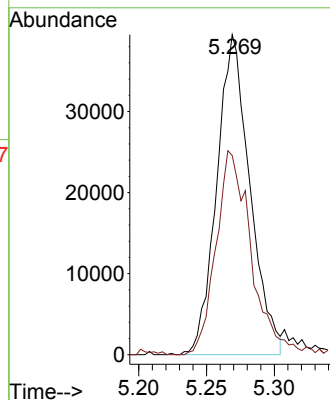
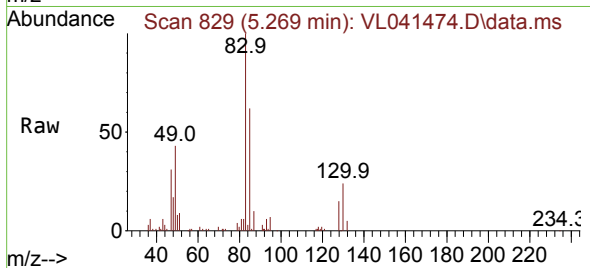
85 62.2 53.1 79.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#30

Cyclohexane

Concen: 0.490 ppbv m

RT: 6.600 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VL041474.D

Acq: 1 Aug 2024 11:58

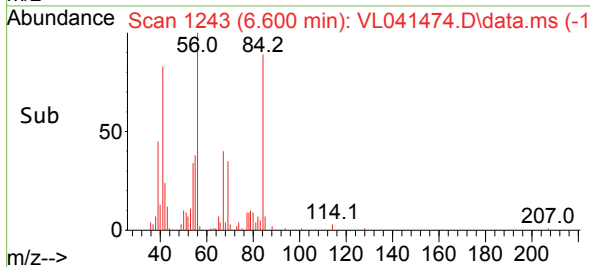
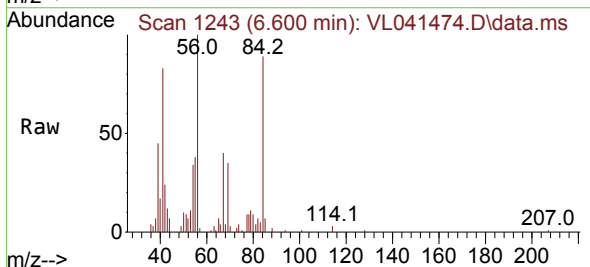
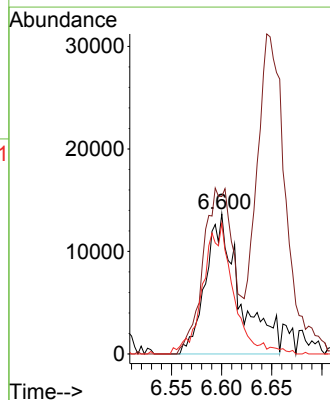
Tgt Ion: 84 Resp: 32365

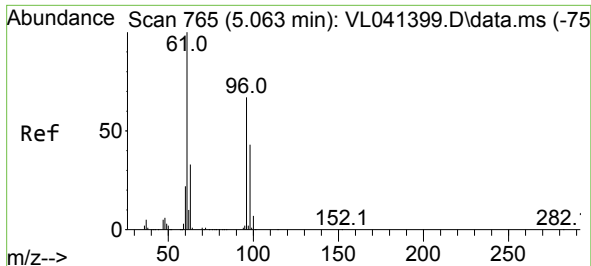
Ion Ratio Lower Upper

84 100

56 100.4 111.2 166.8#

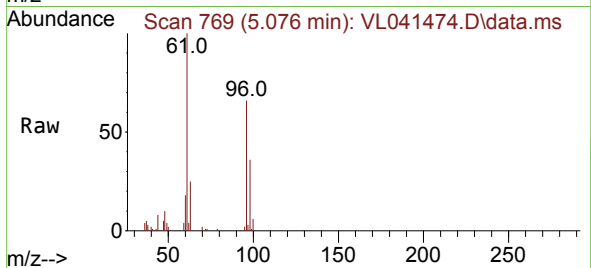
41 0.0 70.3 105.5#





#31
 cis-1,2-Dichloroethene
 Concen: 0.472 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VL041474.D
 Acq: 1 Aug 2024 11:58

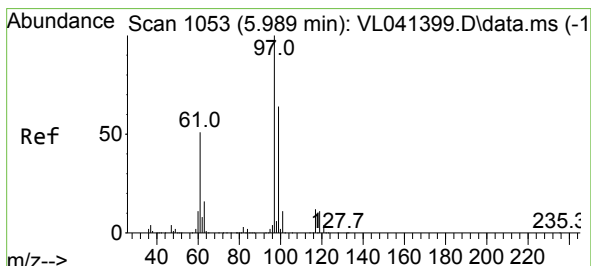
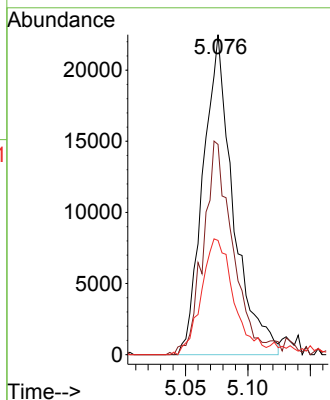
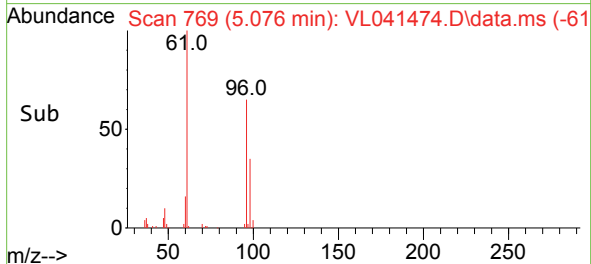
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024



Tgt Ion: 61 Resp: 3783
 Ion Ratio Lower Upper
 61 100
 96 63.3 53.4 80.2
 98 35.7 34.4 51.6

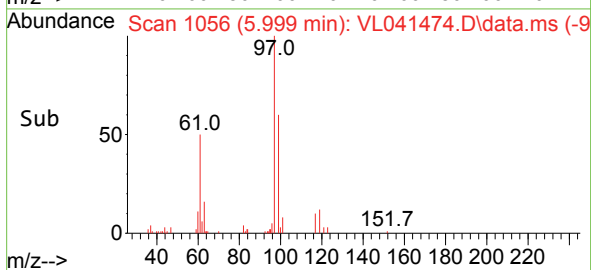
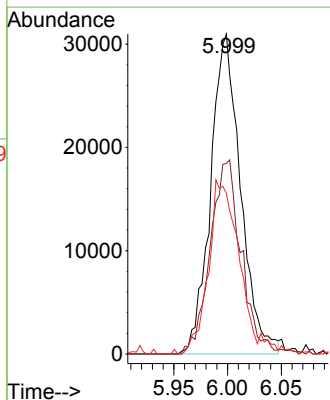
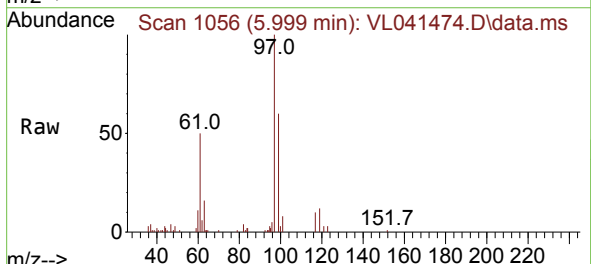
Manual Integrations
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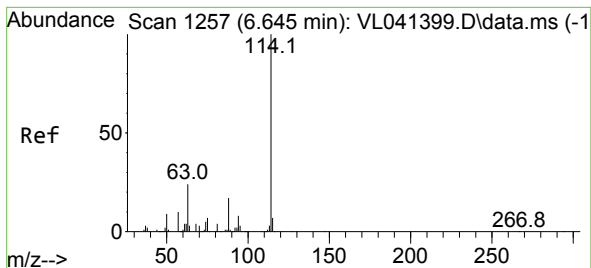
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#32
 1,1,1-Trichloroethane
 Concen: 0.466 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VL041474.D
 Acq: 1 Aug 2024 11:58

Tgt Ion: 97 Resp: 60022
 Ion Ratio Lower Upper
 97 100
 99 63.4 52.0 78.0
 61 57.0 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 114

Delta R.T. -0.007 min

Lab File: VL041474.D

Acq: 1 Aug 2024 11:58

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

Tgt Ion:114 Resp: 243236

Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

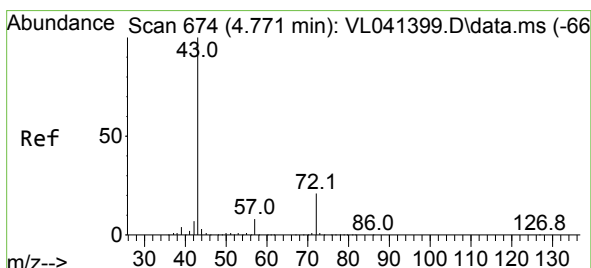
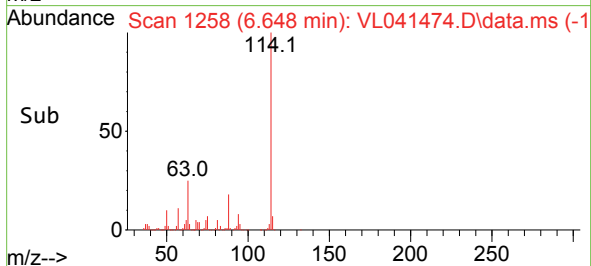
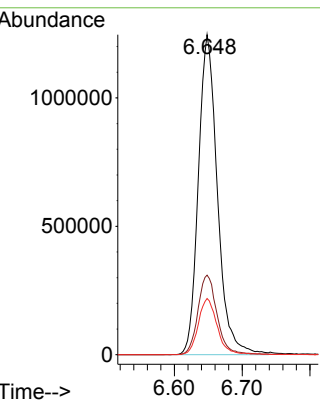
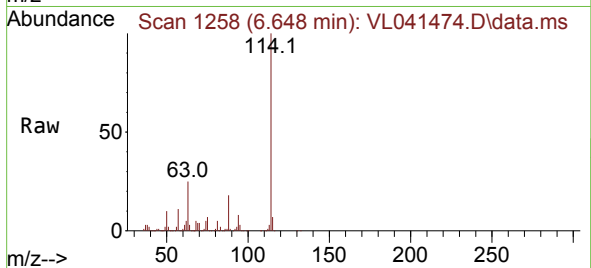
88 17.6 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#34

2-Butanone

Concen: 0.444 ppbv

RT: 4.799 min Scan# 683

Delta R.T. 0.016 min

Lab File: VL041474.D

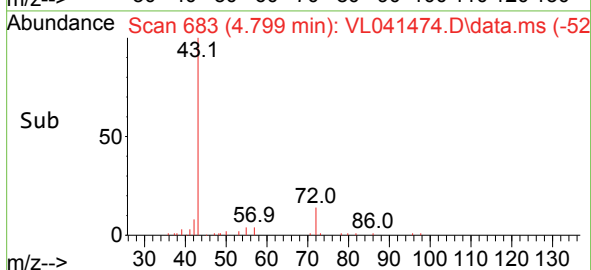
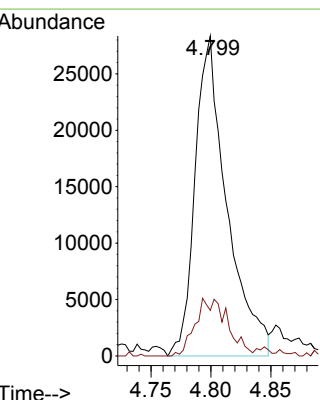
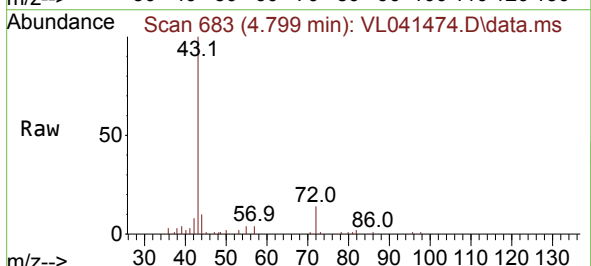
Acq: 1 Aug 2024 11:58

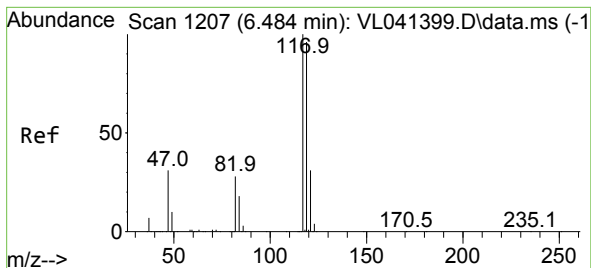
Tgt Ion: 43 Resp: 52208

Ion Ratio Lower Upper

43 100

72 20.1 17.3 25.9





#35

Carbon Tetrachloride

Concen: 0.441 ppbv

RT: 6.487 min Scan# 1170

Delta R.T. -0.003 min

Lab File: VL041474.D

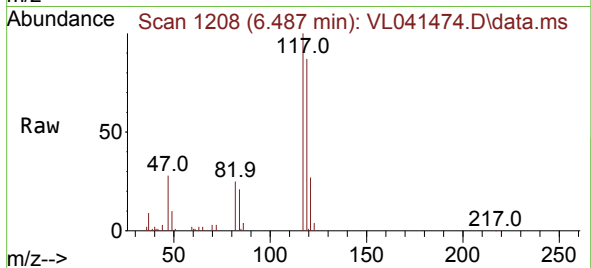
Acq: 1 Aug 2024 11:58

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024

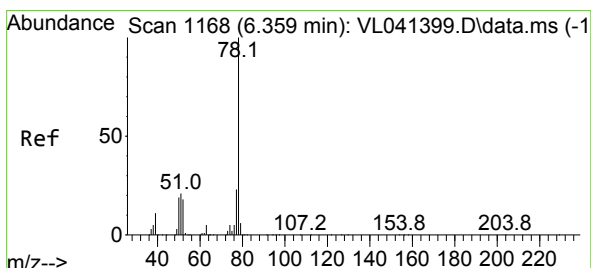
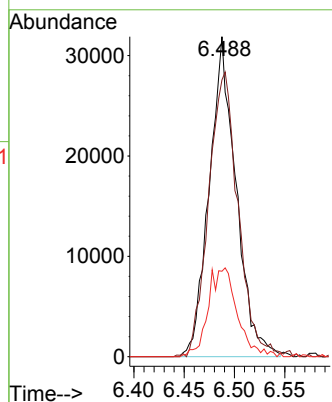
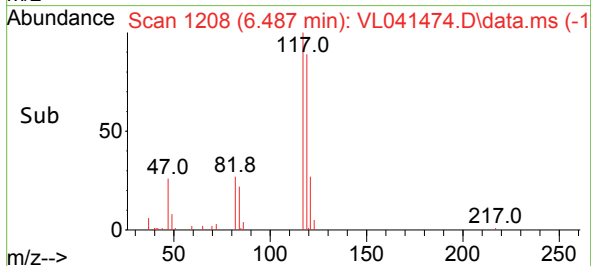


Tgt Ion:	117	Resp:	5911
Ion	Ratio	Lower	Upper
117	100		
119	86.0	76.6	115.0
121	26.7	25.1	37.7

Manual Integrations

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



#36

Benzene

Concen: 0.436 ppbv

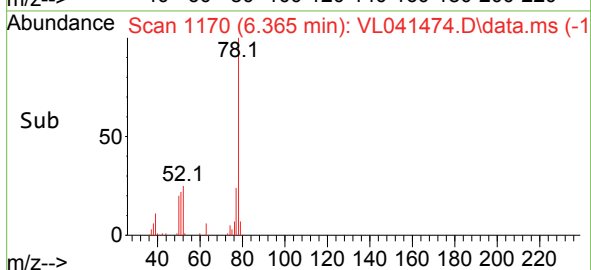
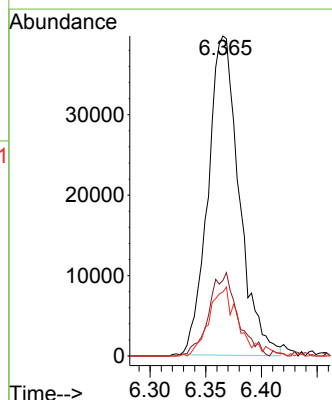
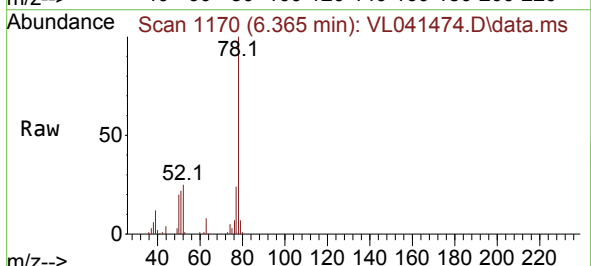
RT: 6.365 min Scan# 1170

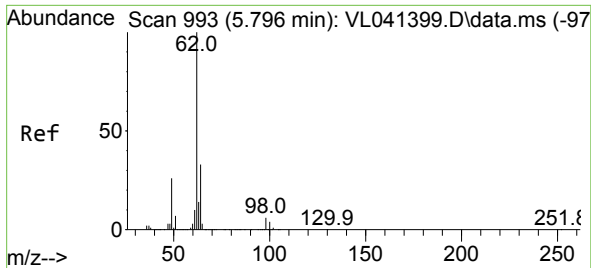
Delta R.T. -0.003 min

Lab File: VL041474.D

Acq: 1 Aug 2024 11:58

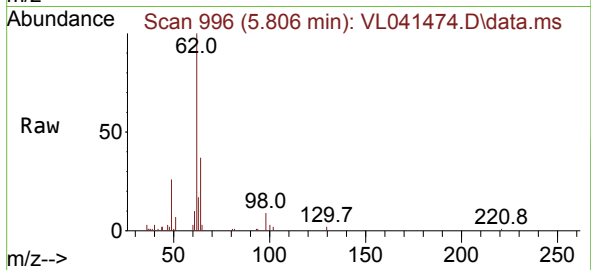
Tgt Ion:	78	Resp:	77478
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.1	27.1
50	20.2	15.5	23.3





#37
1,2-Dichloroethane
Concen: 0.462 ppbv
RT: 5.806 min Scan# 996
Delta R.T. -0.000 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

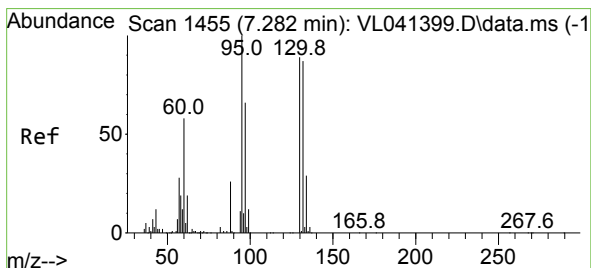
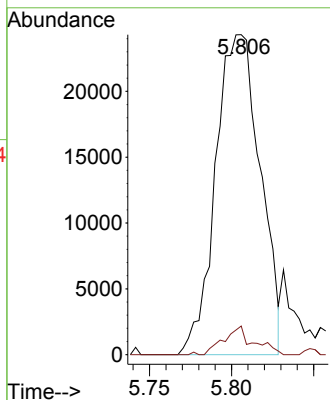
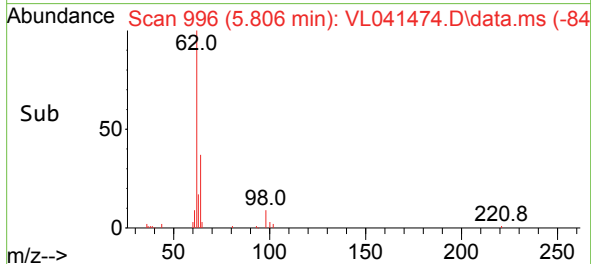
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 62 Resp: 4598
Ion Ratio Lower Upper
62 100
98 5.9 5.0 7.4

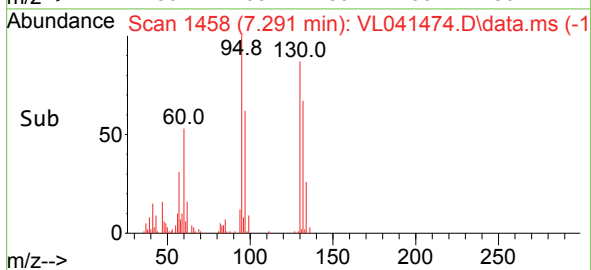
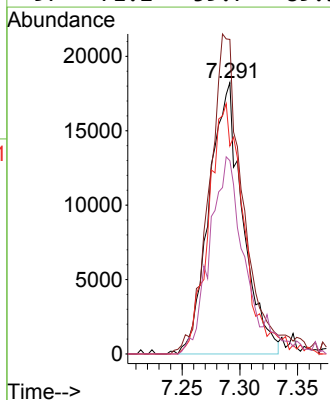
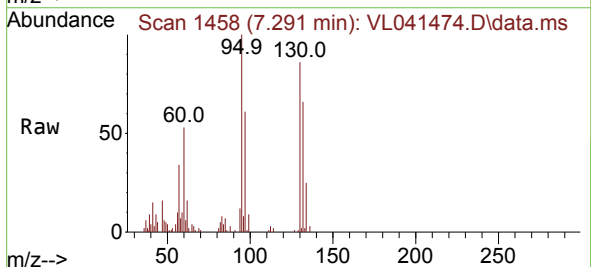
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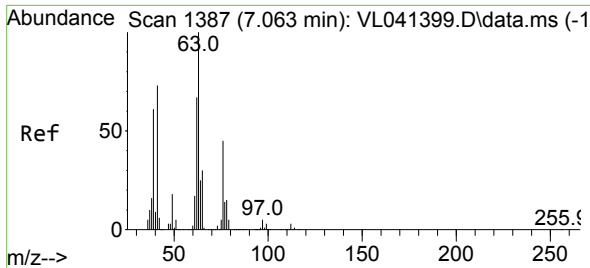
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#38
Trichloroethene
Concen: 0.452 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.003 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

Tgt Ion:130 Resp: 36809
Ion Ratio Lower Upper
130 100
95 114.3 90.2 135.2
132 76.7 78.1 117.1#
97 71.2 59.7 89.5





#39

1,2-Dichloropropane

Concen: 0.493 ppbv m

RT: 7.076 min Scan# 1

Delta R.T. 0.006 min

Lab File: VL041474.D

Acq: 1 Aug 2024 11:58

Instrument :

MSVOA_L

ClientSampleId :

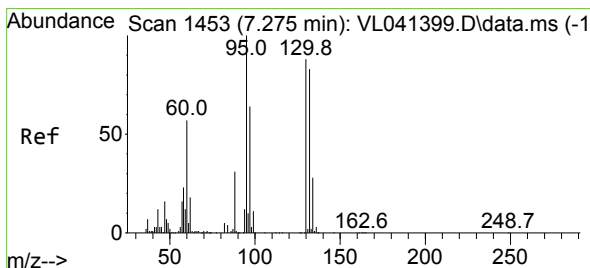
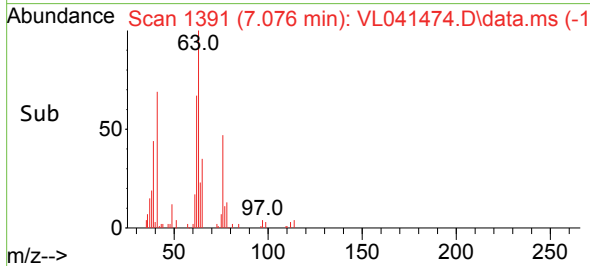
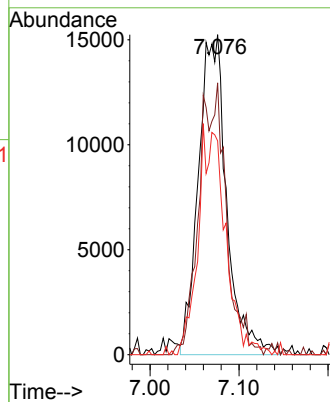
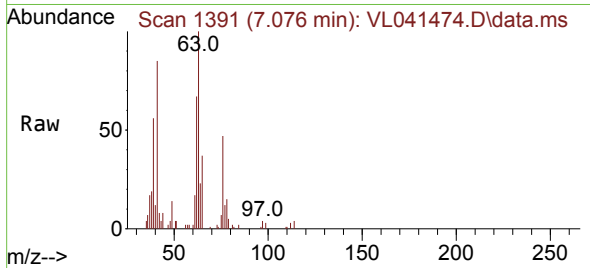
MDL-AIR-03-QT3-2024

Tgt Ion: 63	Resp: 33579
Ion Ratio	Lower Upper
63 100	
41 85.0	58.3 87.5
62 66.8	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: 0.367 ppbv m

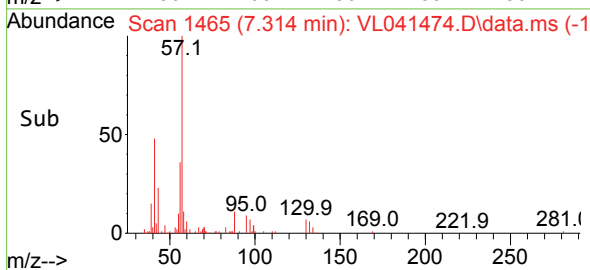
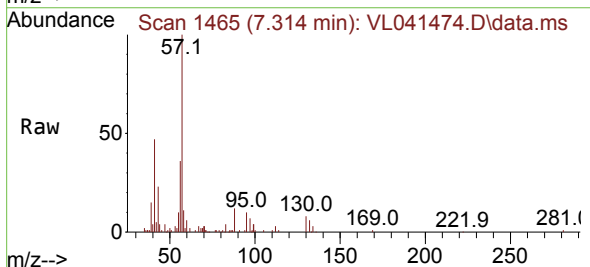
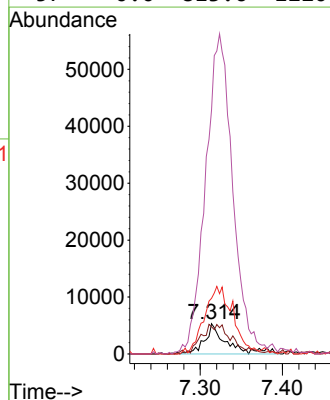
RT: 7.314 min Scan# 1465

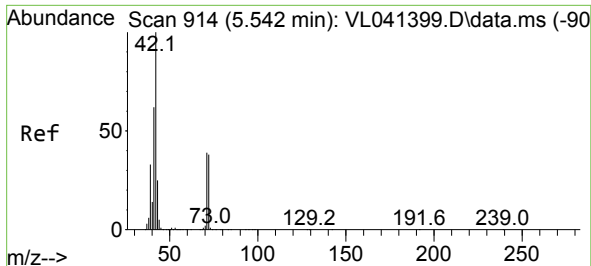
Delta R.T. 0.035 min

Lab File: VL041474.D

Acq: 1 Aug 2024 11:58

Tgt Ion: 88	Resp: 10028
Ion Ratio	Lower Upper
88 100	
58 0.0	95.8 143.6#
43 0.0	188.2 282.2#
57 0.0	813.6 1220.4#





#41

Tetrahydrofuran

Concen: 0.428 ppbv m

RT: 5.571 min Scan# 914

Delta R.T. 0.019 min

Lab File: VL041474.D

Acq: 1 Aug 2024 11:58

Instrument :

MSVOA_L

ClientSampleId :

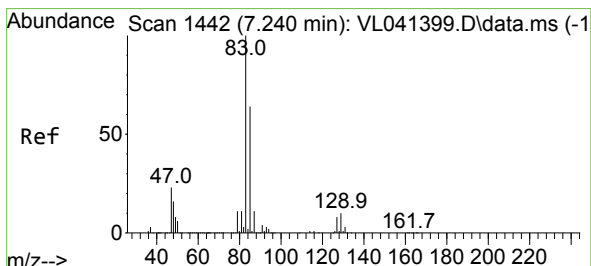
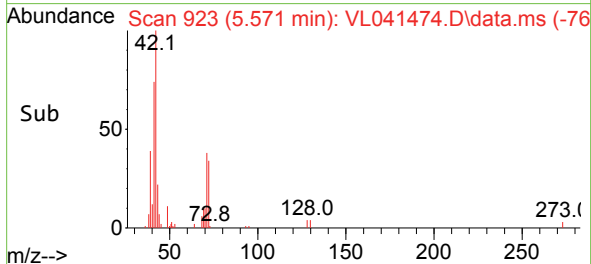
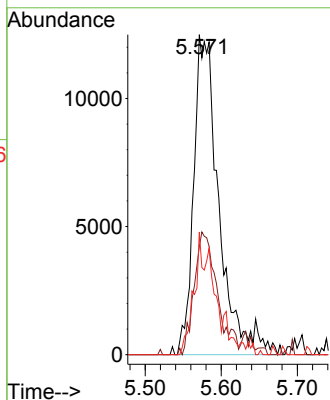
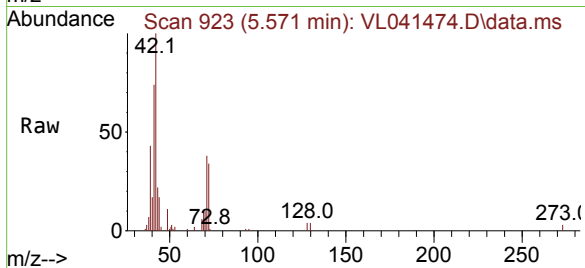
MDL-AIR-03-QT3-2024

Tgt Ion: 42	Resp: 28772
Ion Ratio	Lower Upper
42 100	
72 0.0	31.2 46.8
71 32.6	30.5 45.7

Manual Integrations

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



#42

Bromodichloromethane

Concen: 0.432 ppbv

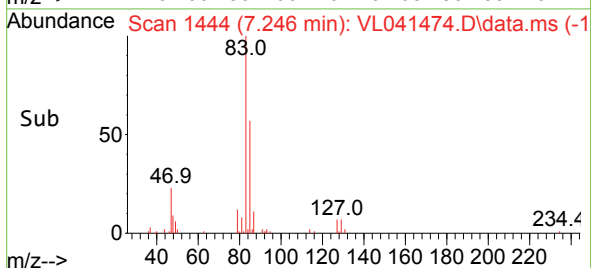
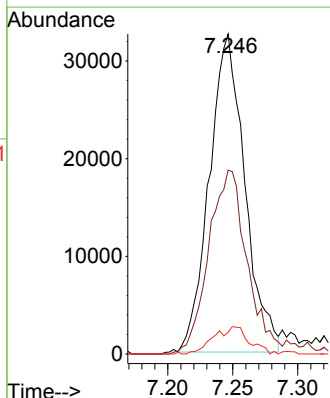
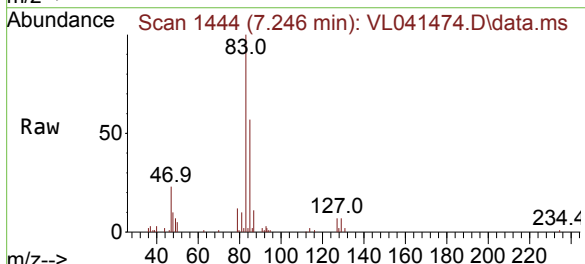
RT: 7.246 min Scan# 1444

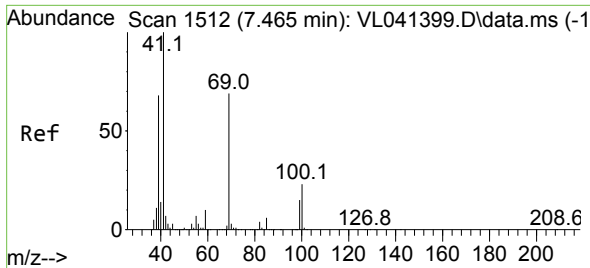
Delta R.T. -0.003 min

Lab File: VL041474.D

Acq: 1 Aug 2024 11:58

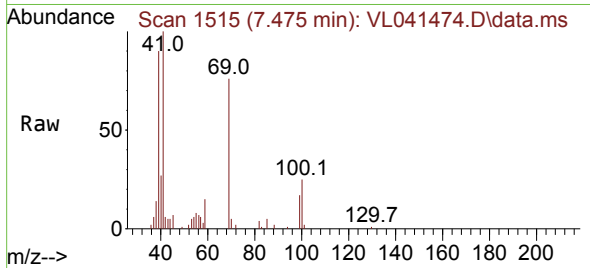
Tgt Ion: 83	Resp: 61981
Ion Ratio	Lower Upper
83 100	
85 56.9	51.4 77.0
127 6.8	6.7 10.1





#43
Methyl Methacrylate
Concen: 0.366 ppbv m
RT: 7.475 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

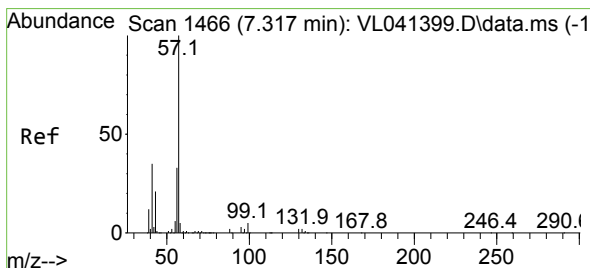
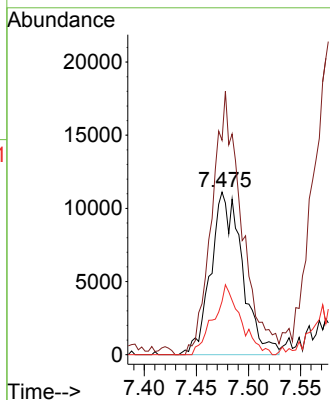
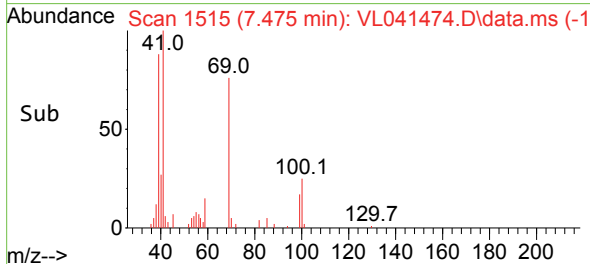
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2024



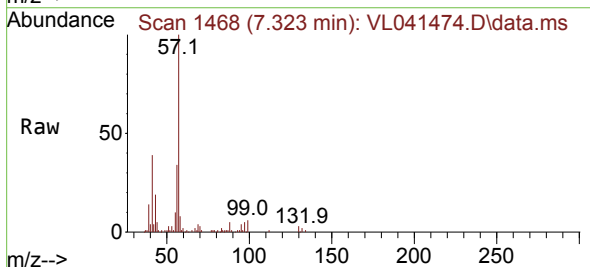
Tgt Ion: 69 Resp: 23345
Ion Ratio Lower Upper
69 100
41 150.9 118.7 178.1
100 37.0 27.0 40.4

Manual Integrations
APPROVED

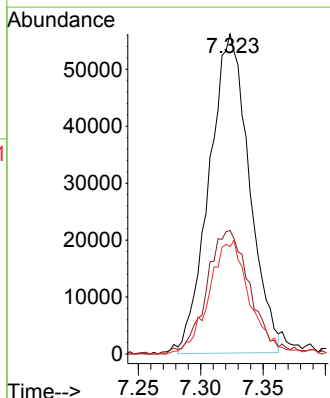
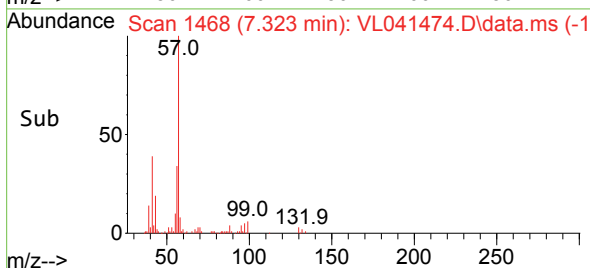
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

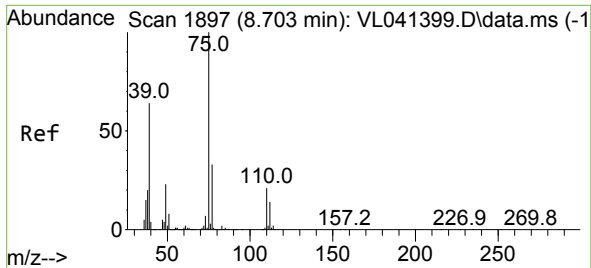


#44
2,2,4-Trimethylpentane
Concen: 0.422 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58



Tgt Ion: 57 Resp: 125213
Ion Ratio Lower Upper
57 100
41 42.7 27.0 40.6#
56 36.6 25.2 37.8





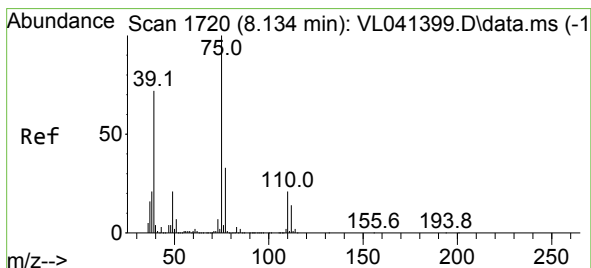
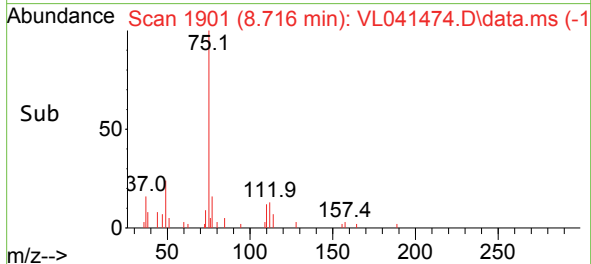
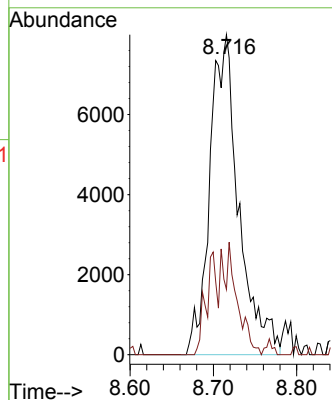
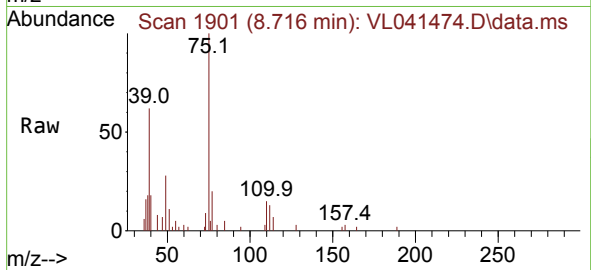
#45
t-1,3-Dichloropropene
Concen: 0.329 ppbv m
RT: 8.716 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

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

Tgt Ion: 75 Resp: 1929
Ion Ratio Lower Upper
75 100
77 20.4 26.5 39.7

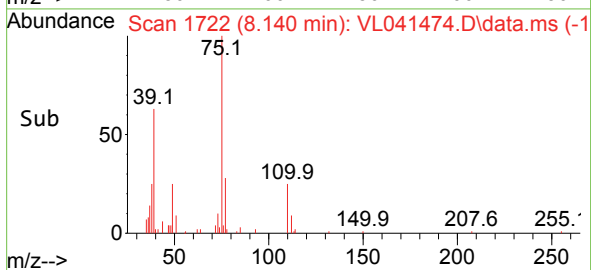
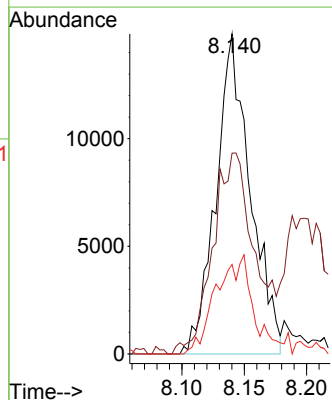
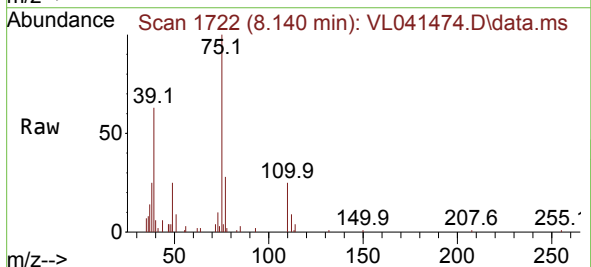
Manual Integrations
APPROVED

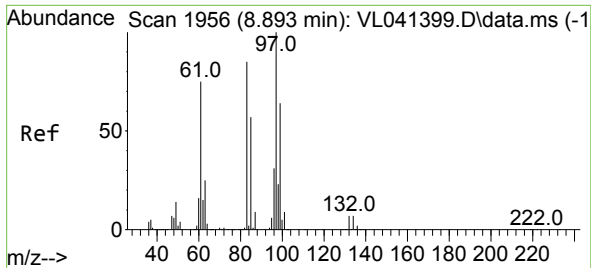
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#46
cis-1,3-Dichloropropene
Concen: 0.337 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. -0.000 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

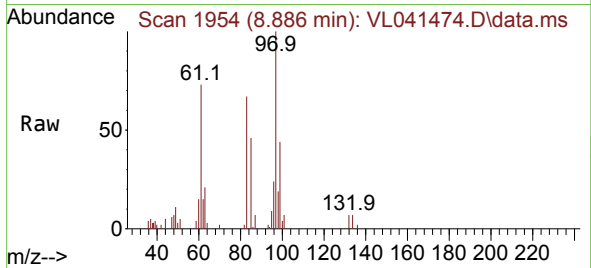
Tgt Ion: 75 Resp: 28523
Ion Ratio Lower Upper
75 100
39 59.2 57.3 85.9
77 27.9 26.2 39.2





#47
1,1,2-Trichloroethane
Concen: 0.522 ppbv m
RT: 8.886 min Scan# 1954
Delta R.T. -0.010 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

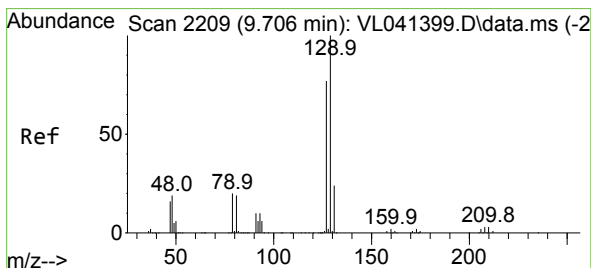
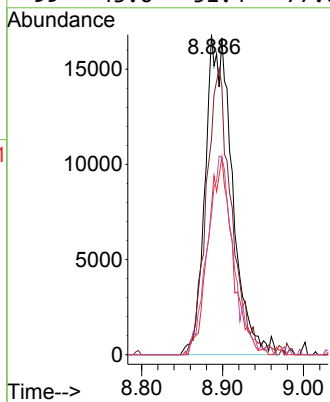
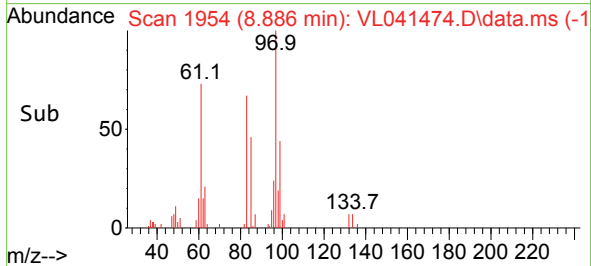
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2024



Tgt Ion: 97 Resp: 39128
Ion Ratio Lower Upper
97 100
83 67.4 67.6 101.4
85 46.4 45.9 68.9
99 43.6 51.4 77.0#

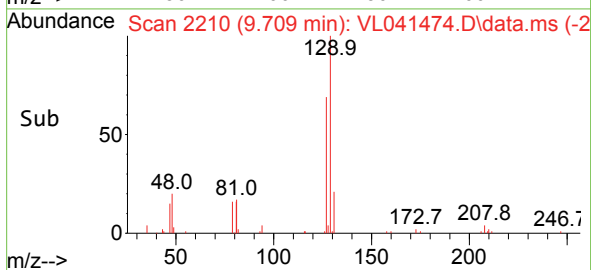
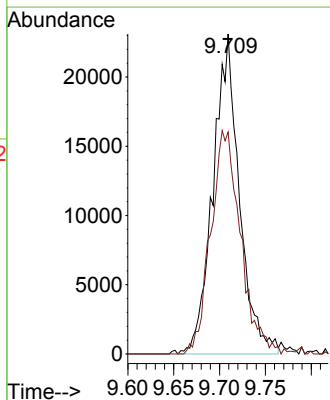
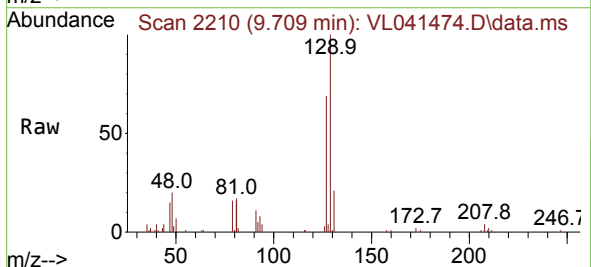
Manual Integrations
APPROVED

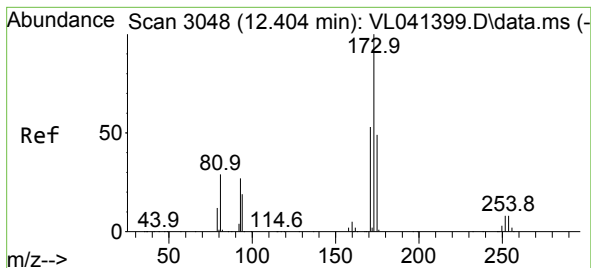
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#48
Dibromochloromethane
Concen: 0.382 ppbv
RT: 9.709 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

Tgt Ion:129 Resp: 46139
Ion Ratio Lower Upper
129 100
127 79.4 39.3 117.8





#49

Bromoform

Concen: 0.360 ppbv m

RT: 12.400 min Scan# 3048

Delta R.T. -0.003 min

Lab File: VL041474.D

Acq: 1 Aug 2024 11:58

Instrument :

MSVOA_L

ClientSampleId :

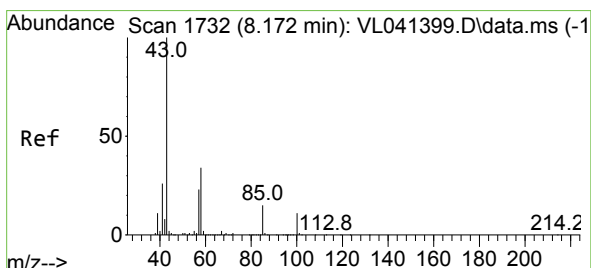
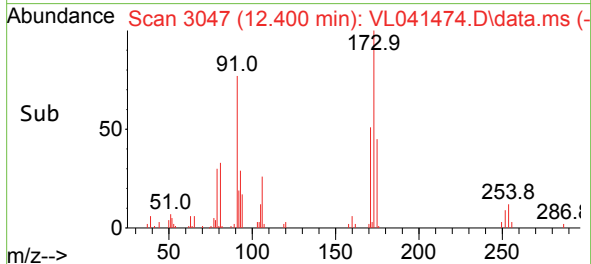
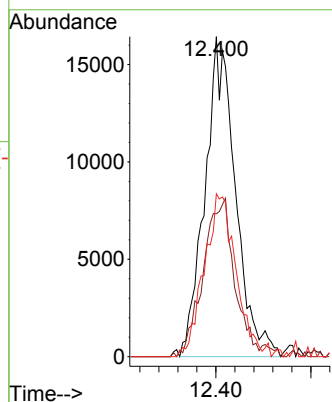
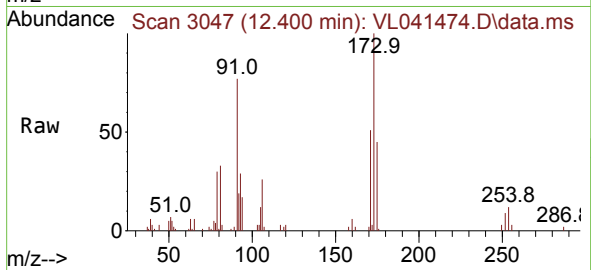
MDL-AIR-03-QT3-2024

Tgt Ion:173	Resp:	3676
Ion Ratio	Lower	Upper
173	100	
175	0.0	39.9
171	53.4	62.5

Manual Integrations

APPROVED

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



#50

4-Methyl-2-Pentanone

Concen: 0.414 ppbv m

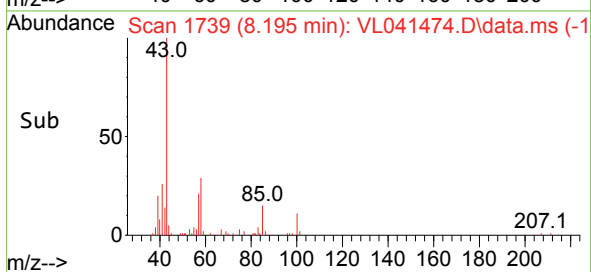
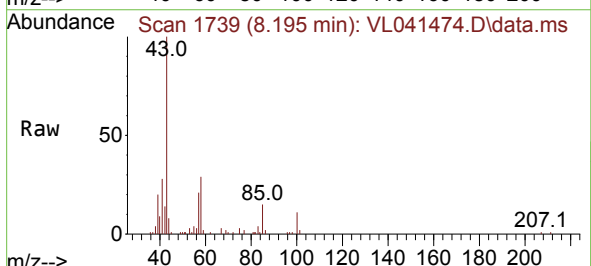
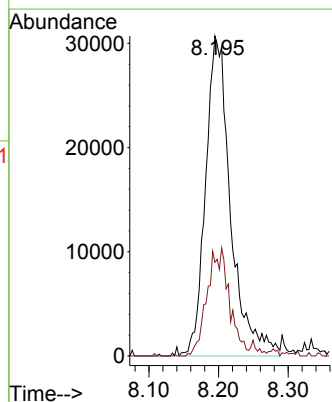
RT: 8.195 min Scan# 1739

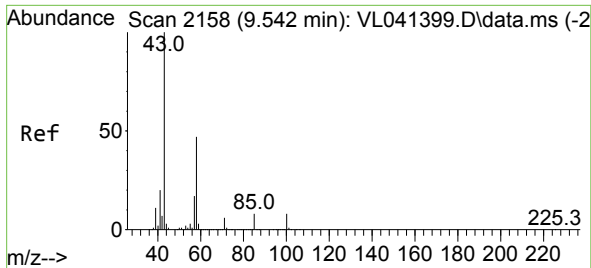
Delta R.T. 0.016 min

Lab File: VL041474.D

Acq: 1 Aug 2024 11:58

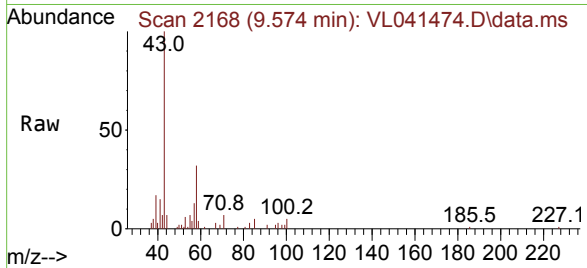
Tgt Ion: 43	Resp:	76911
Ion Ratio	Lower	Upper
43	100	
58	0.0	27.9





#51
2-Hexanone
Concen: 0.375 ppbv m
RT: 9.574 min Scan# 2158
Delta R.T. 0.029 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

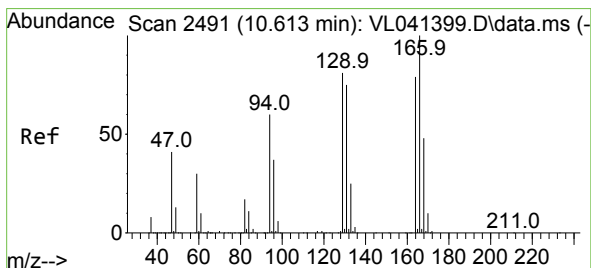
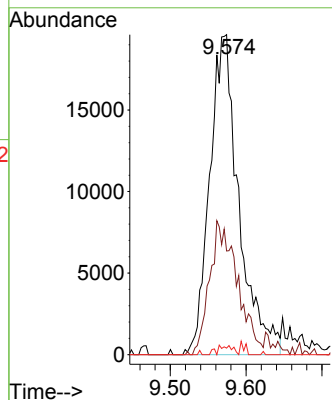
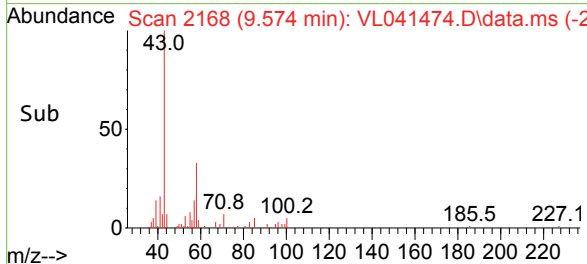
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



Tgt Ion: 43 Resp: 5257
Ion Ratio Lower Upper
43 100
58 42.6 38.2 57.2
98 0.0 0.3 0.5

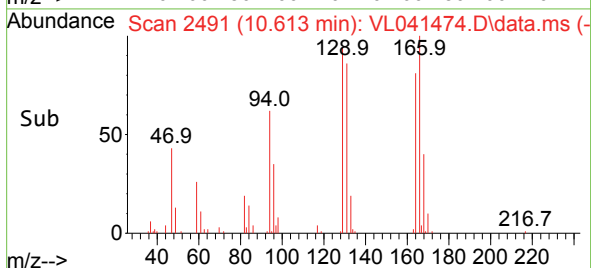
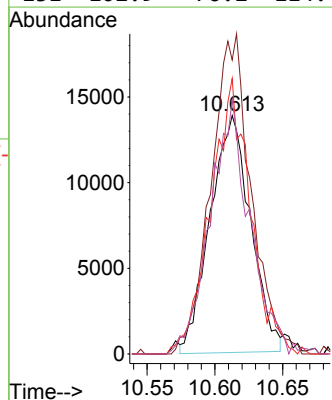
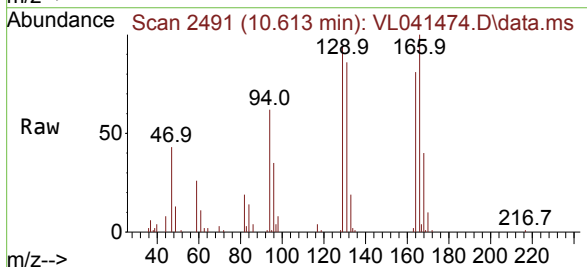
Manual Integrations
APPROVED

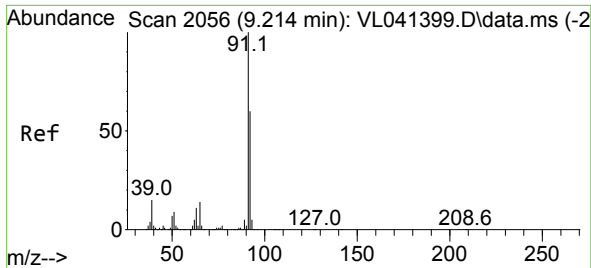
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#52
Tetrachloroethene
Concen: 0.419 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. -0.000 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

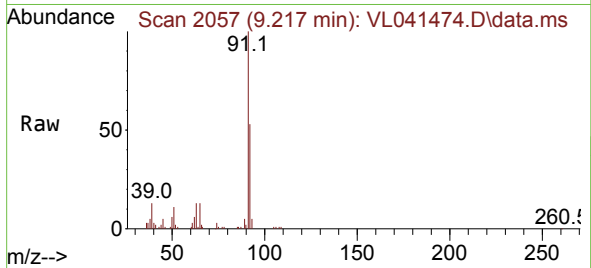
Tgt Ion:164 Resp: 28759
Ion Ratio Lower Upper
164 100
166 121.0 101.1 151.7
129 113.0 81.7 122.5
131 102.9 76.2 114.4





#53
Toluene
Concen: 0.359 ppbv
RT: 9.217 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

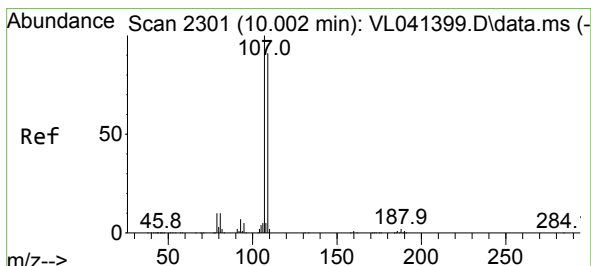
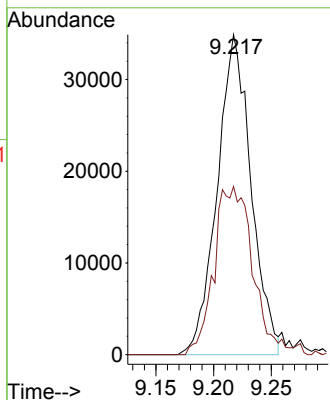
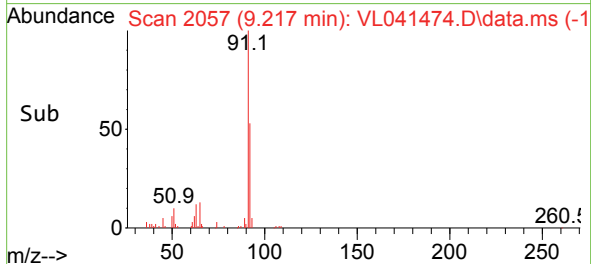
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2024



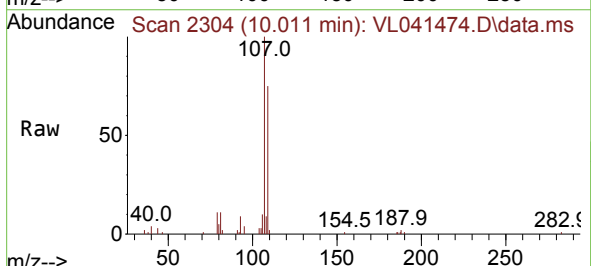
Tgt Ion: 91 Resp: 7116
Ion Ratio Lower Upper
91 100
92 60.7 48.7 73.1

Manual Integrations
APPROVED

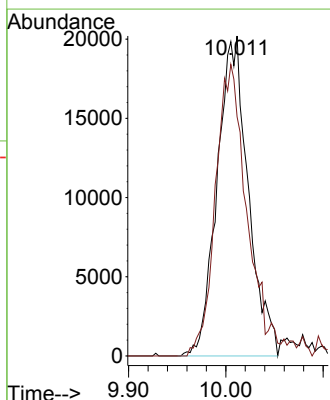
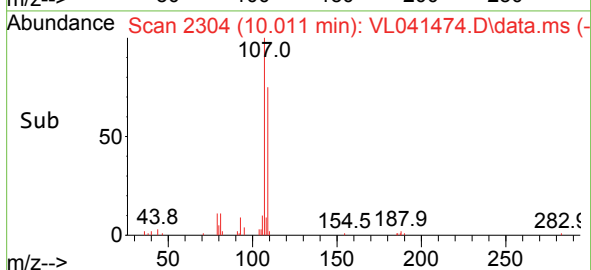
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

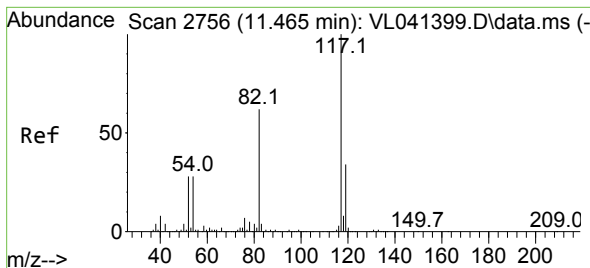


#54
1,2-Dibromoethane
Concen: 0.449 ppbv m
RT: 10.011 min Scan# 2304
Delta R.T. 0.003 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58



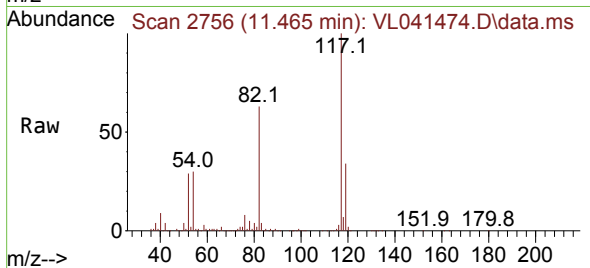
Tgt Ion:107 Resp: 44863
Ion Ratio Lower Upper
107 100
109 74.8 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. -0.000 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

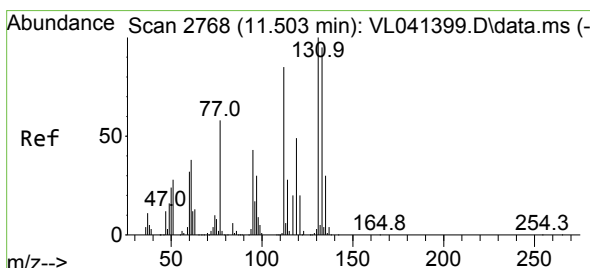
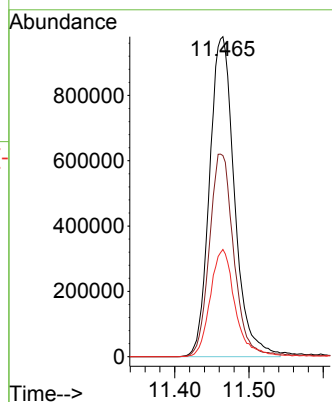
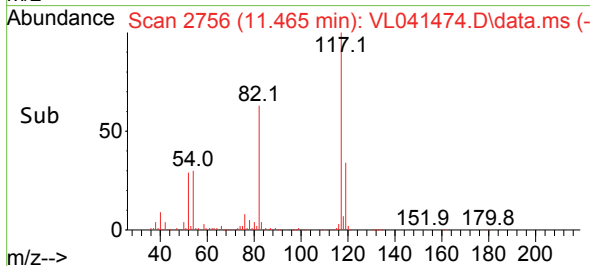
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



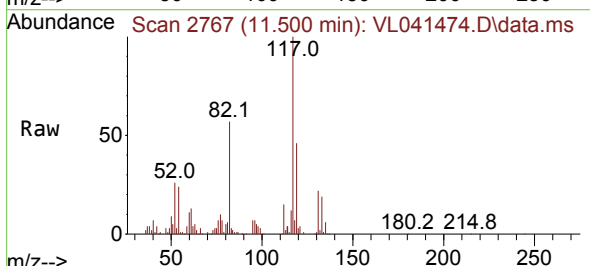
Tgt Ion:117 Resp: 228485
Ion Ratio Lower Upper
117 100
82 63.2 51.0 76.6
119 33.8 45.2 67.8

Manual Integrations
APPROVED

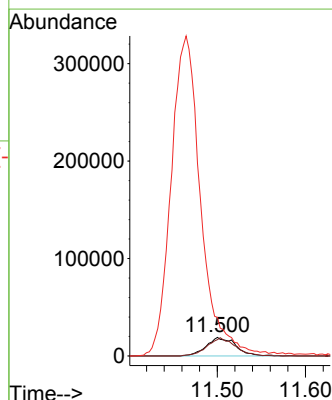
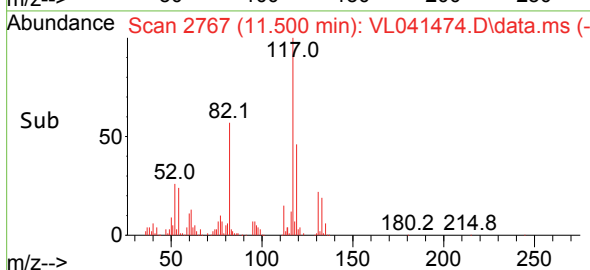
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

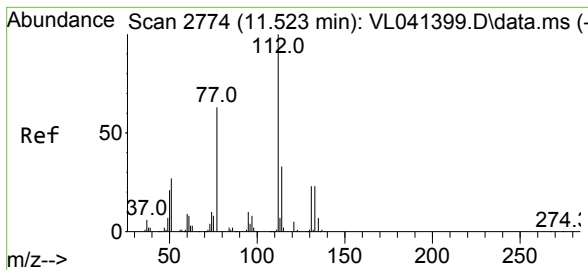


#56
1,1,1,2-Tetrachloroethane
Concen: 0.493 ppbv m
RT: 11.500 min Scan# 2767
Delta R.T. -0.003 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58



Tgt Ion:131 Resp: 43691
Ion Ratio Lower Upper
131 100
133 0.0 77.0 115.4#
119 0.0 121.5 182.3#





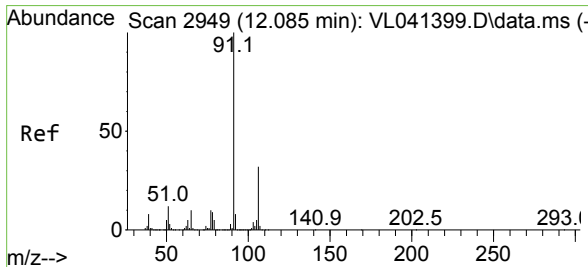
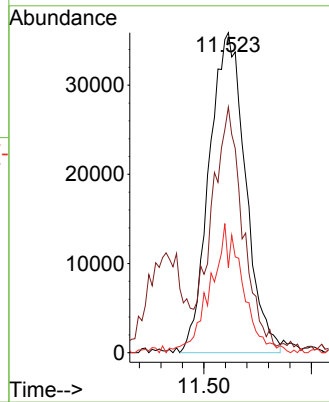
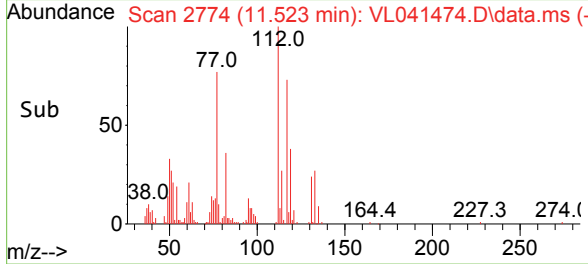
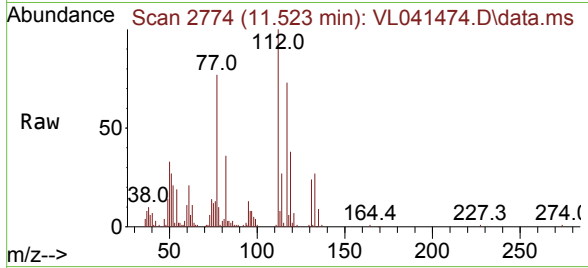
#57
Chlorobenzene
Concen: 0.516 ppbv
RT: 11.523 min Scan# 211
Delta R.T. -0.000 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

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

Tgt Ion:	112	Resp:	8388
Ion Ratio	Lower	Upper	
112	100		
77	74.1	51.1	76.7
114	24.7	29.5	36.1

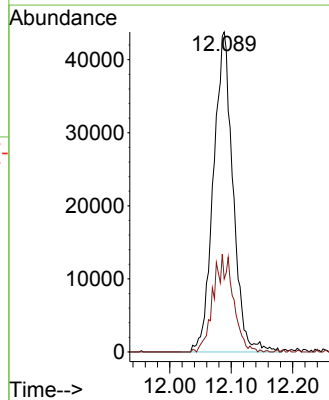
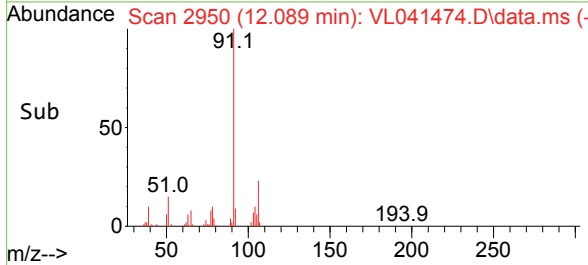
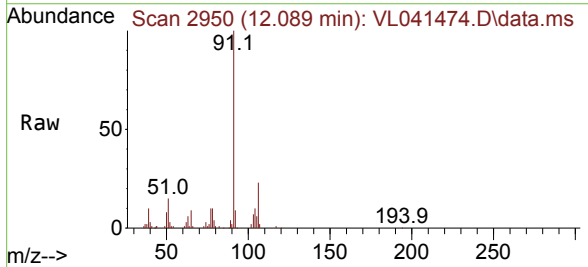
Manual Integrations
APPROVED

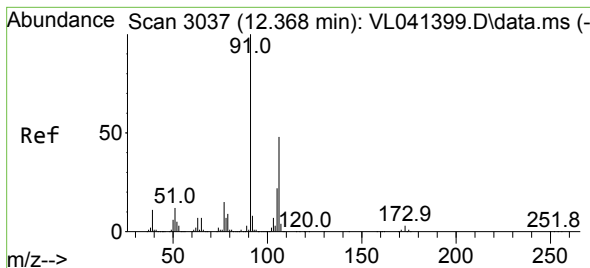
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#58
Ethyl Benzene
Concen: 0.366 ppbv m
RT: 12.089 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

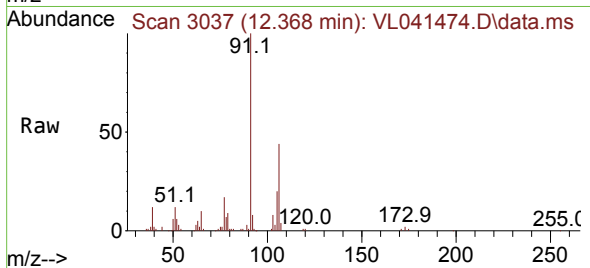
Tgt Ion:	91	Resp:	96486
Ion Ratio	Lower	Upper	
91	100		
106	22.8	25.8	38.8





#59
m/p-Xylene
Concen: 0.829 ppbv m
RT: 12.368 min Scan# 3037
Delta R.T. -0.000 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

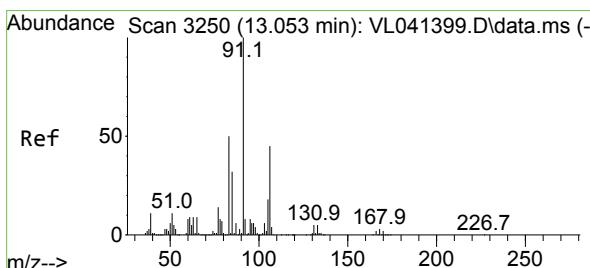
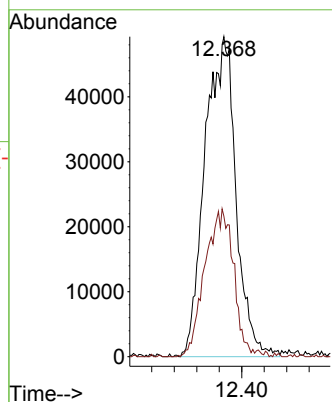
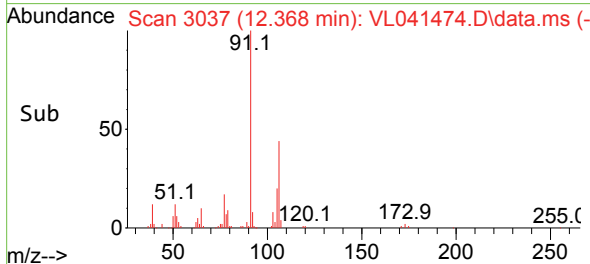
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



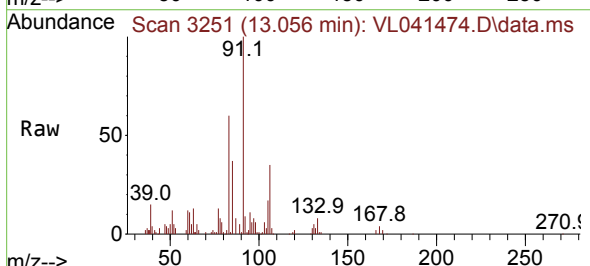
Tgt Ion: 91 Resp: 18839
Ion Ratio Lower Upper
91 100
106 43.4 36.3 54.5

Manual Integrations
APPROVED

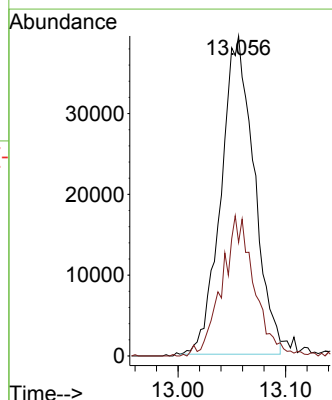
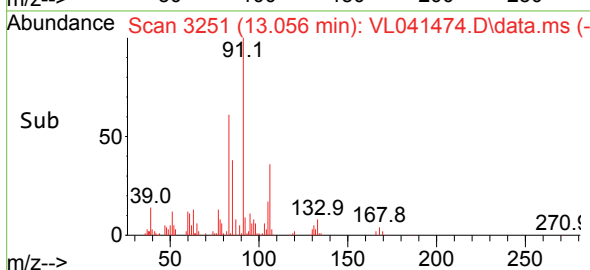
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

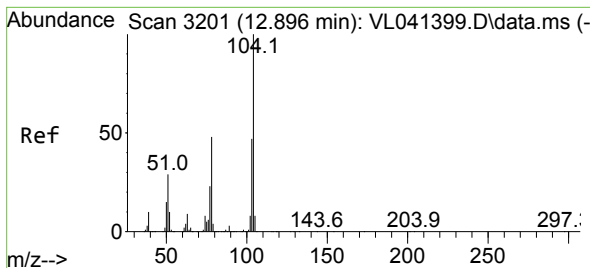


#60
o-Xylene
Concen: 0.391 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58



Tgt Ion: 91 Resp: 84166
Ion Ratio Lower Upper
91 100
106 43.6 23.1 69.3





#61

Styrene

Concen: 0.306 ppbv m

RT: 12.889 min Scan# 3199

Delta R.T. -0.007 min

Lab File: VL041474.D

Acq: 1 Aug 2024 11:58

Instrument :

MSVOA_L

ClientSampleId :

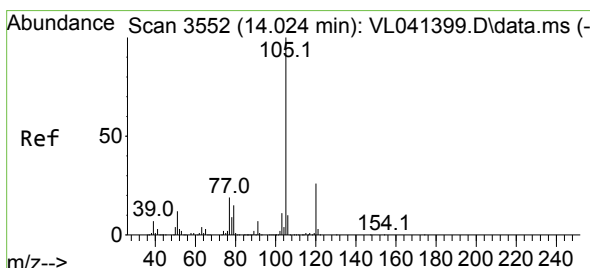
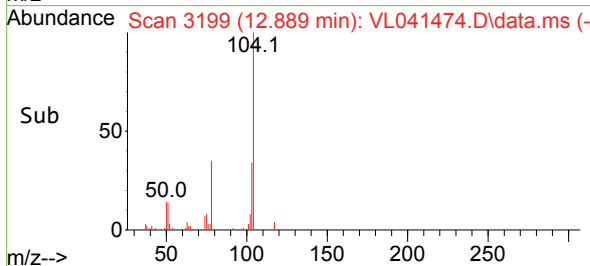
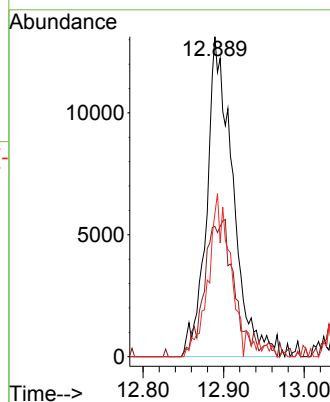
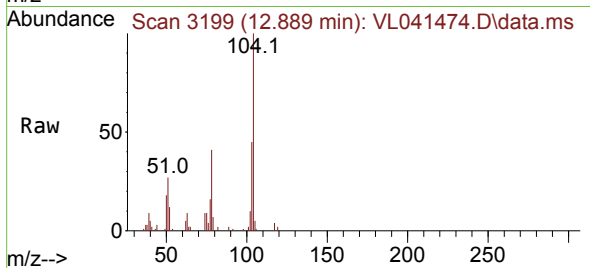
MDL-AIR-03-QT3-2024

Tgt Ion:	104	Resp:	29678
Ion Ratio	Lower	Upper	
104	100		
78	0.0	40.8	61.2
103	43.2	38.2	57.4

Manual Integrations

APPROVED

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



#62

Isopropylbenzene

Concen: 0.446 ppbv

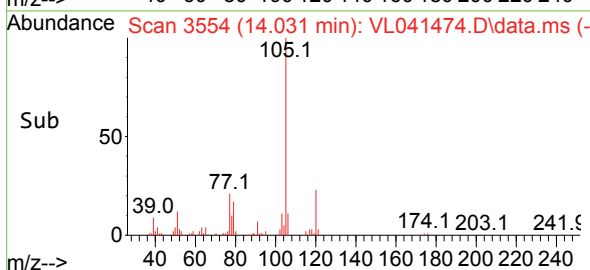
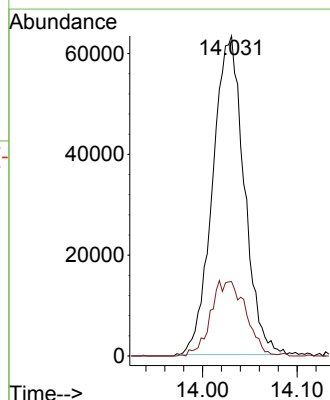
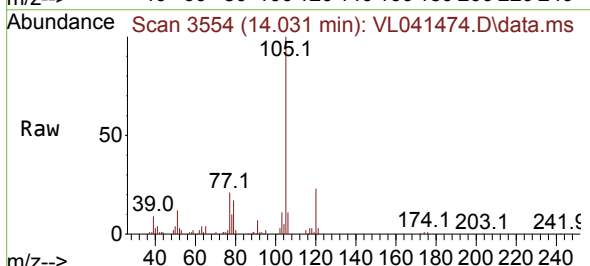
RT: 14.031 min Scan# 3554

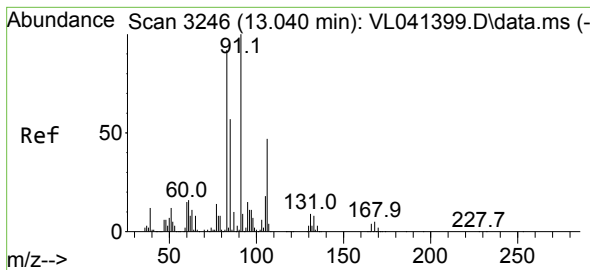
Delta R.T. 0.003 min

Lab File: VL041474.D

Acq: 1 Aug 2024 11:58

Tgt Ion:	105	Resp:	145679
Ion Ratio	Lower	Upper	
105	100		
120	26.5	21.0	31.4





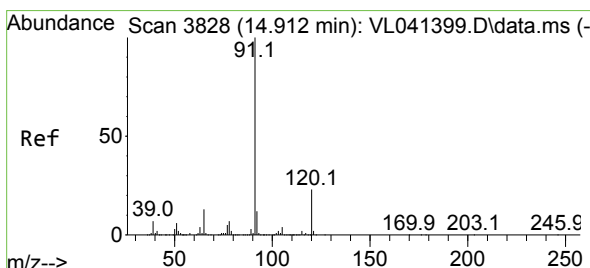
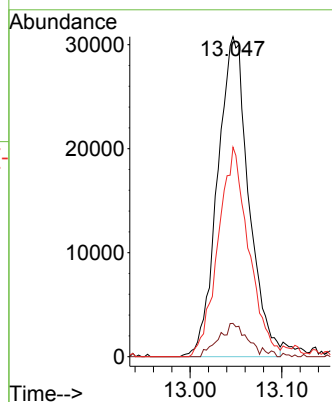
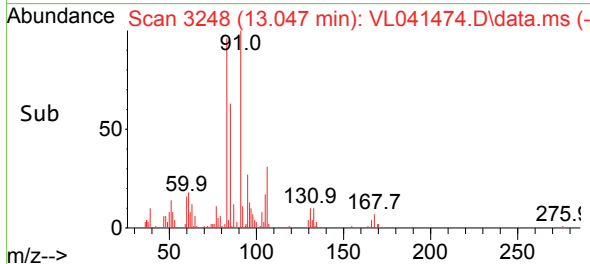
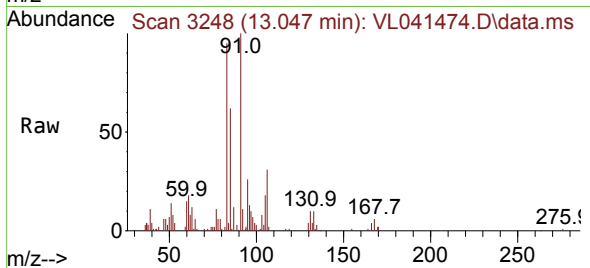
#63
1,1,2,2-Tetrachloroethane
Concen: 0.536 ppbv
RT: 13.047 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

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

Tgt Ion: 83 Resp: 7275
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.4
85 67.4 32.6 98.0

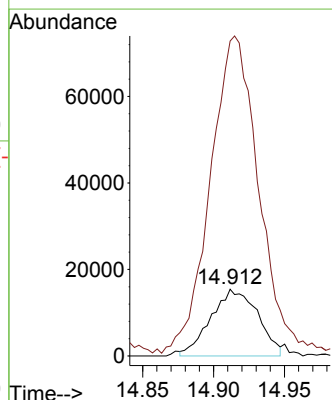
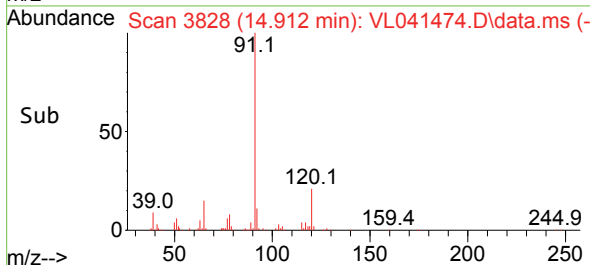
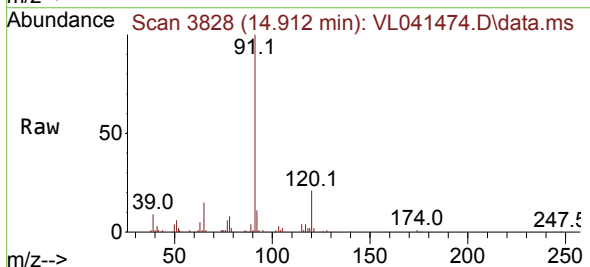
Manual Integrations
APPROVED

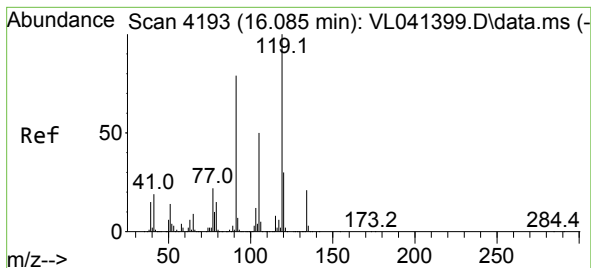
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#64
n-propylbenzene
Concen: 0.415 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. -0.000 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

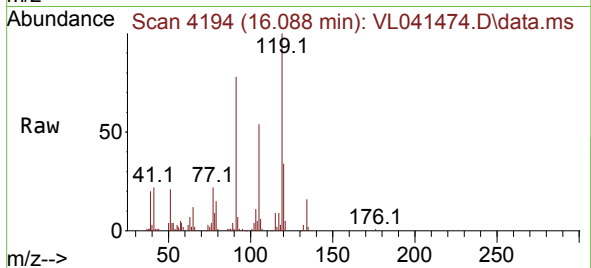
Tgt Ion:120 Resp: 35489
Ion Ratio Lower Upper
120 100
91 503.8 361.4 542.0





#65
tert-Butylbenzene
Concen: 0.435 ppbv m
RT: 16.088 min Scan# 4193
Delta R.T. -0.000 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

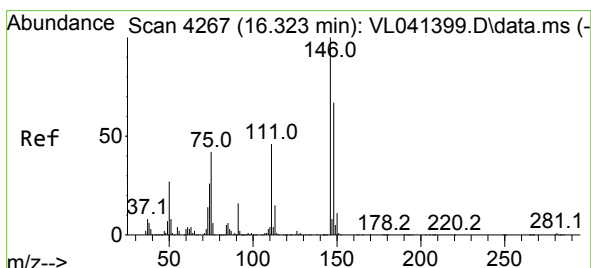
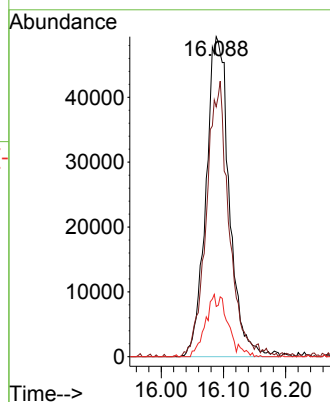
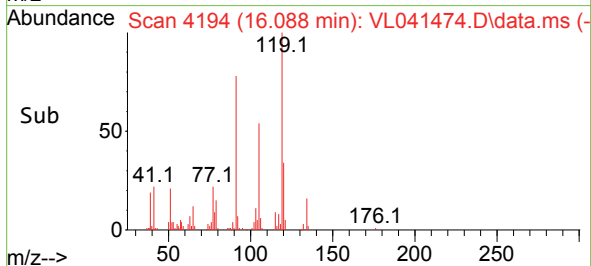
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2024



Tgt Ion:119 Resp: 128474
Ion Ratio Lower Upper
119 100
91 0.0 64.2 96.2
134 18.7 15.7 23.5

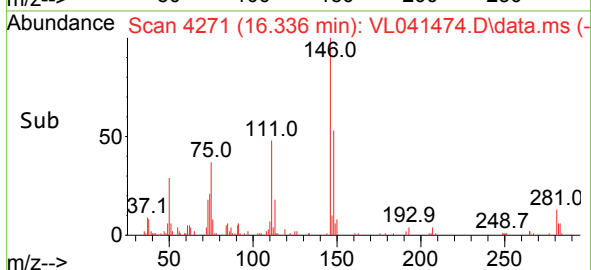
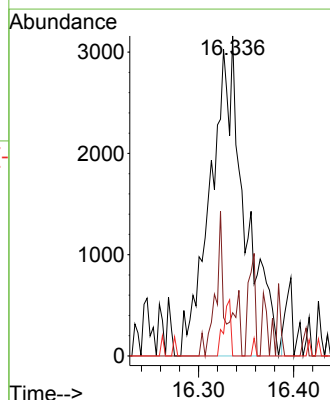
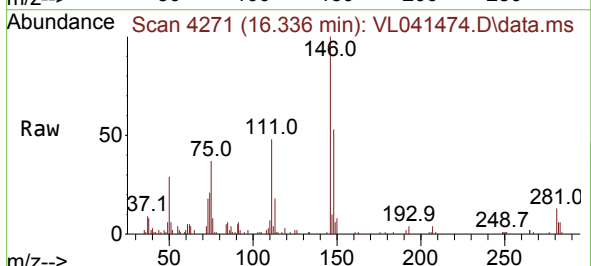
Manual Integrations
APPROVED

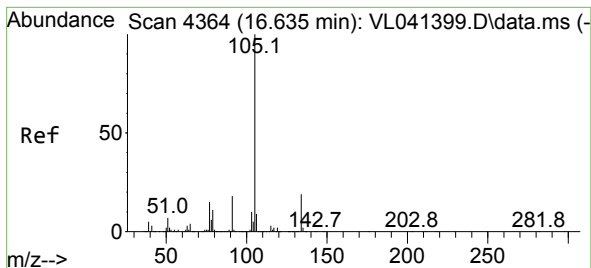
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#66
Benzyl Chloride
Concen: 0.415 ppbv m
RT: 16.336 min Scan# 4271
Delta R.T. 0.010 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

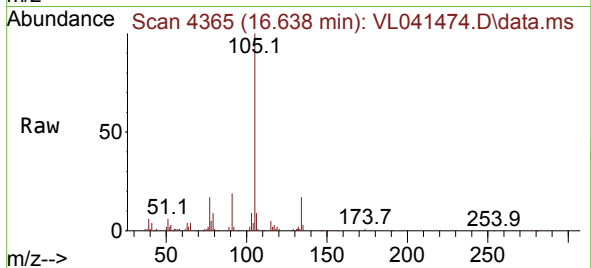
Tgt Ion: 91 Resp: 7852
Ion Ratio Lower Upper
91 100
126 14.3 13.8 20.8
128 0.0 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 0.464 ppbv
 RT: 16.638 min Scan# 4365
 Delta R.T. 0.006 min
 Lab File: VL041474.D
 Acq: 1 Aug 2024 11:58

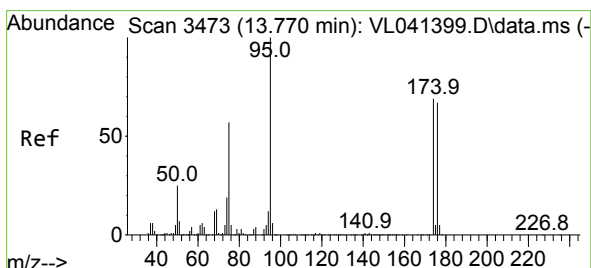
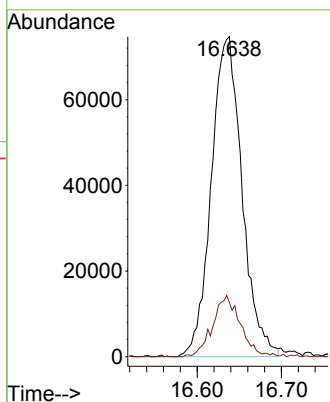
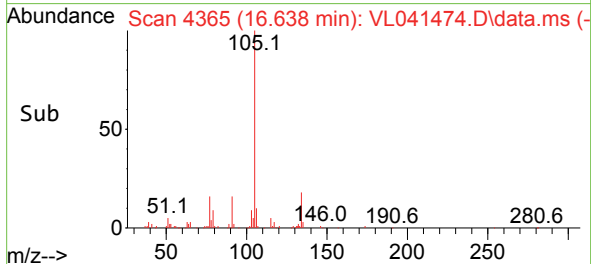
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2024



Tgt Ion: 105 Resp: 188950
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.5 21.7

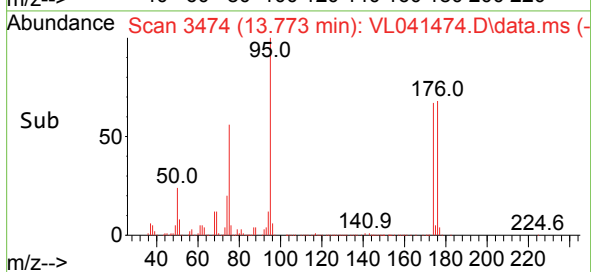
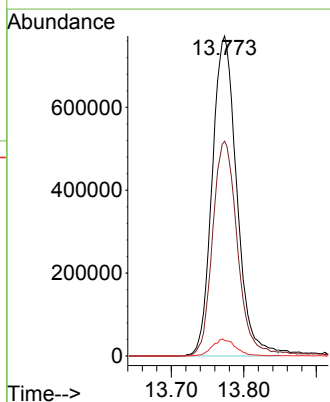
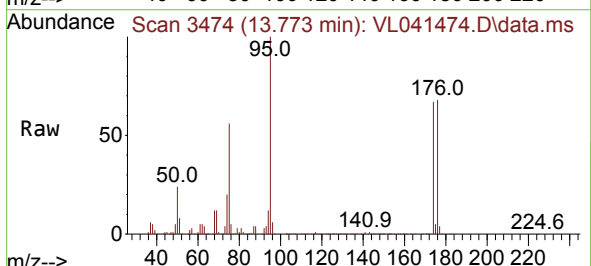
Manual Integrations
 APPROVED

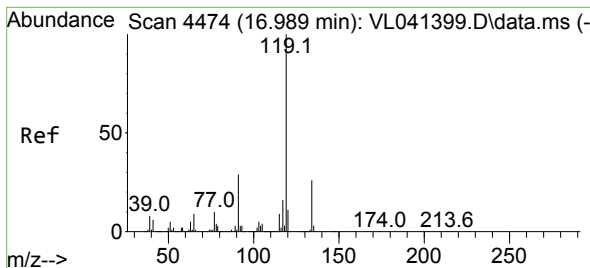
Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.321 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. -0.000 min
 Lab File: VL041474.D
 Acq: 1 Aug 2024 11:58

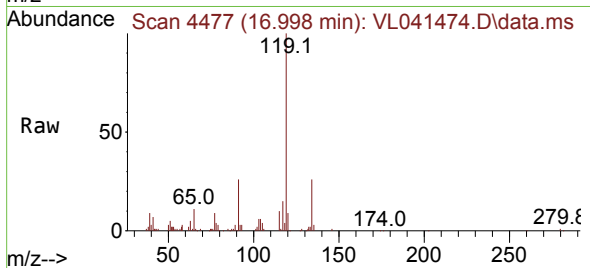
Tgt Ion: 95 Resp: 1814752
 Ion Ratio Lower Upper
 95 100
 174 69.4 56.3 84.5
 175 5.2 4.0 6.0





#69
p-Isopropyltoluene
Concen: 0.420 ppbv m
RT: 16.998 min Scan# 4477
Delta R.T. 0.006 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

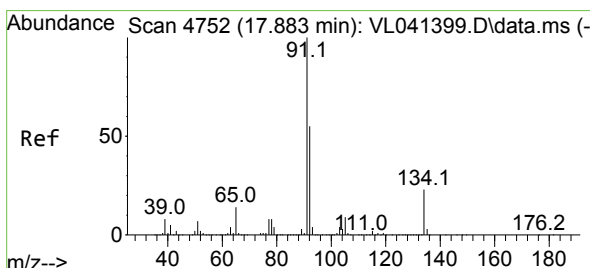
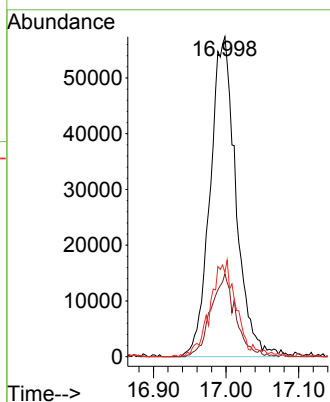
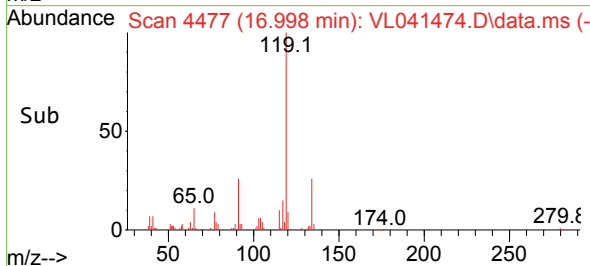
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



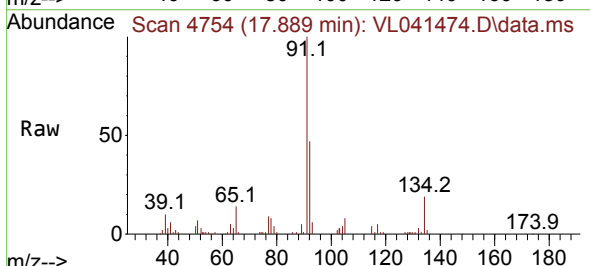
Tgt Ion:119 Resp: 141642
Ion Ratio Lower Upper
119 100
134 0.0 20.5 30.7
91 0.0 23.2 34.8

Manual Integrations
APPROVED

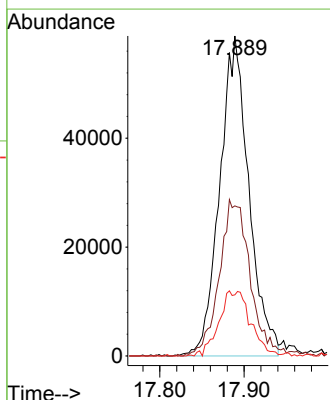
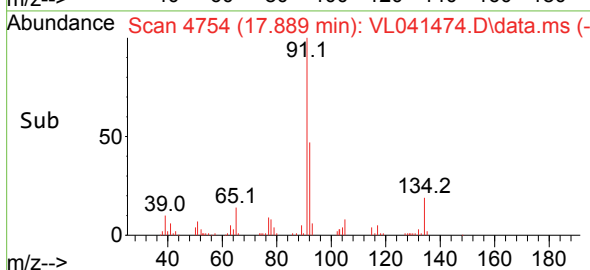
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

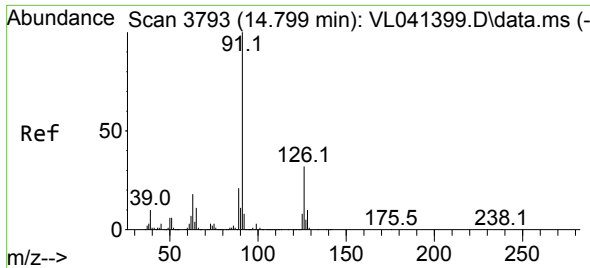


#70
n-Butylbenzene
Concen: 0.407 ppbv
RT: 17.889 min Scan# 4754
Delta R.T. 0.006 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58



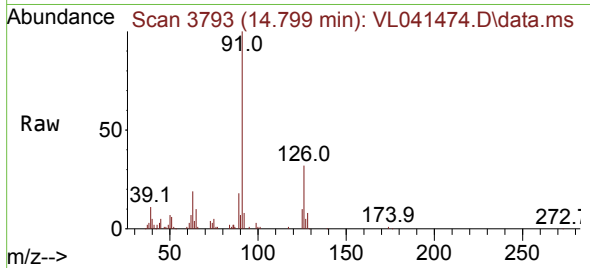
Tgt Ion: 91 Resp: 140888
Ion Ratio Lower Upper
91 100
92 52.2 43.2 64.8
134 22.3 18.5 27.7





#71
2-Chlorotoluene
Concen: 0.400 ppbv
RT: 14.799 min Scan# 3793
Delta R.T. -0.000 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

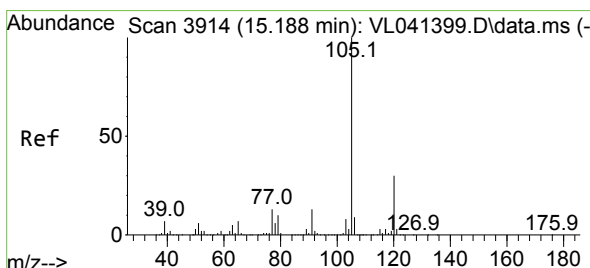
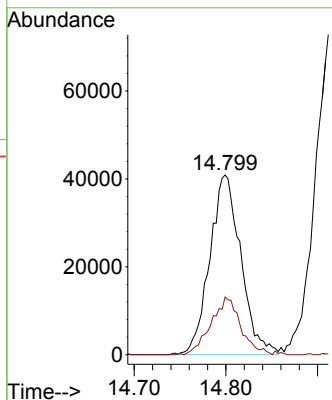
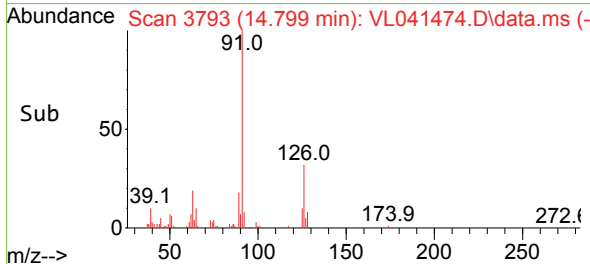
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



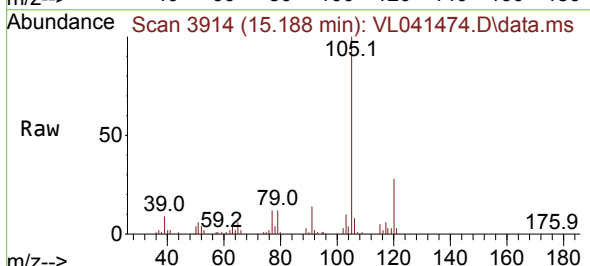
Tgt Ion: 91 Resp: 9635
Ion Ratio Lower Upper
91 100
126 30.8 12.7 50.9

Manual Integrations
APPROVED

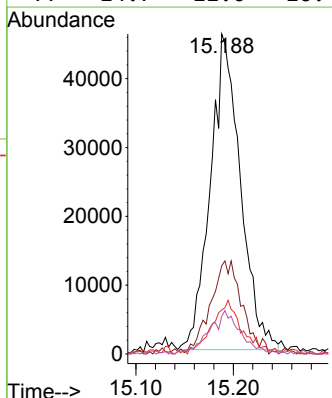
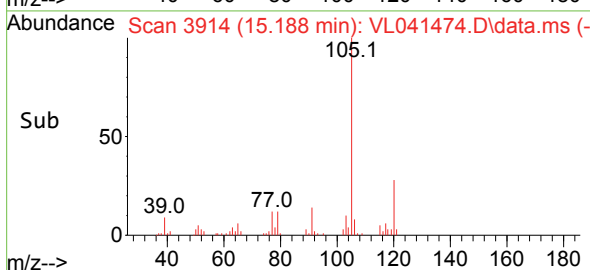
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

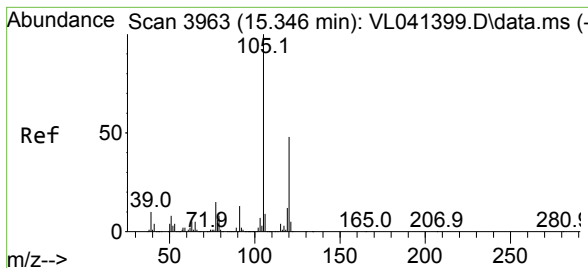


#72
4-Ethyltoluene
Concen: 0.389 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.003 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58



Tgt Ion:105 Resp: 98424
Ion Ratio Lower Upper
105 100
120 32.3 24.2 36.2
91 17.7 10.4 15.6#
77 14.7 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 0.426 ppbv m

RT: 15.352 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VL041474.D

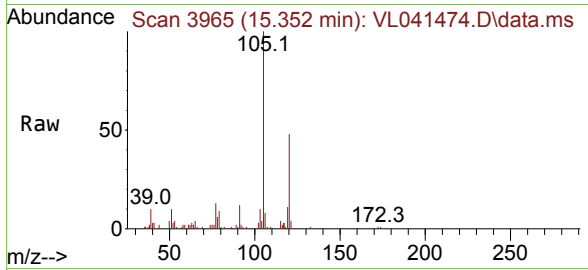
Acq: 1 Aug 2024 11:58

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024



Tgt Ion:105 Resp: 92982

Ion Ratio Lower Upper

105 100

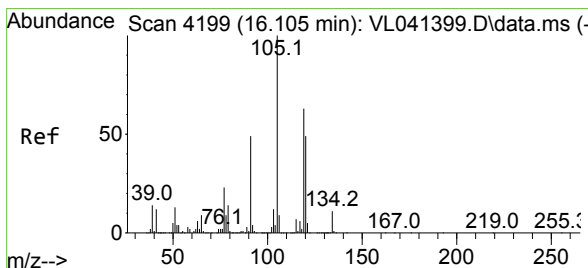
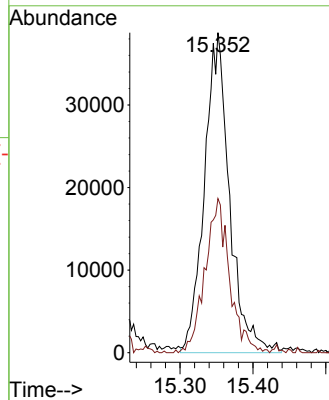
120 48.1 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.455 ppbv

RT: 16.104 min Scan# 4199

Delta R.T. -0.003 min

Lab File: VL041474.D

Acq: 1 Aug 2024 11:58

Tgt Ion:105 Resp: 115382

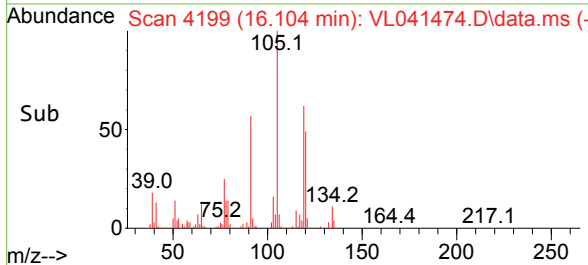
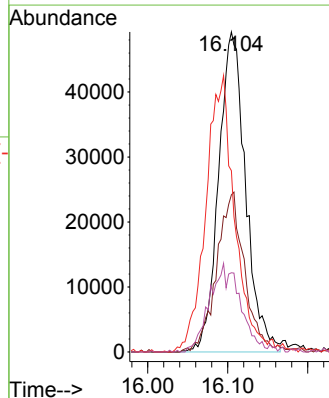
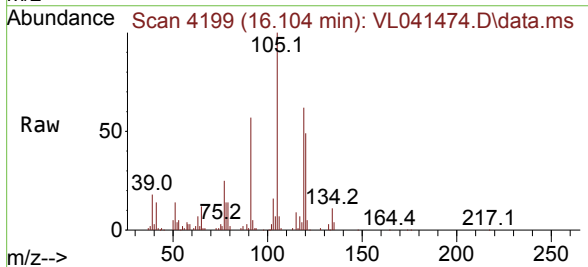
Ion Ratio Lower Upper

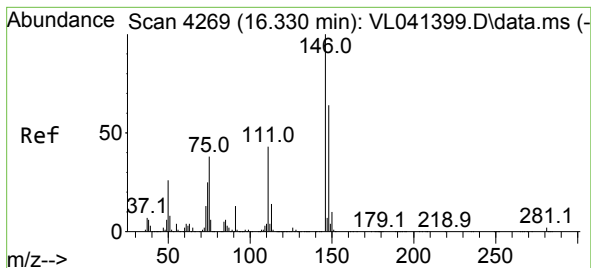
105 100

120 54.4 39.5 59.3

91 55.3 39.8 59.8

77 24.8 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 0.481 ppbv

RT: 16.330 min Scan# 4269

Delta R.T. 0.003 min

Lab File: VL041474.D

Acq: 1 Aug 2024 11:58

Instrument :

MSVOA_L

ClientSampleId :

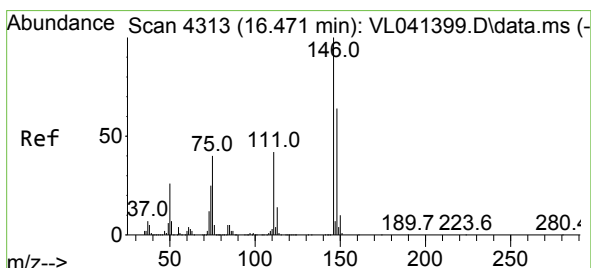
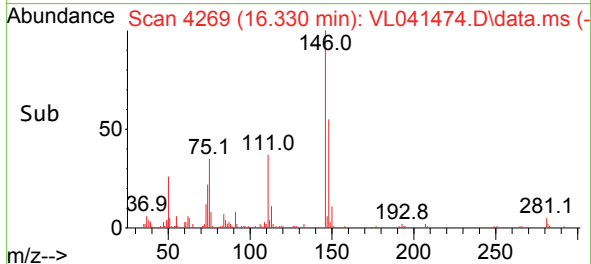
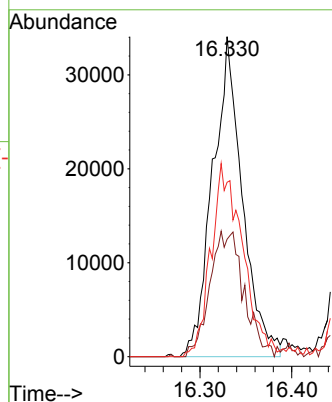
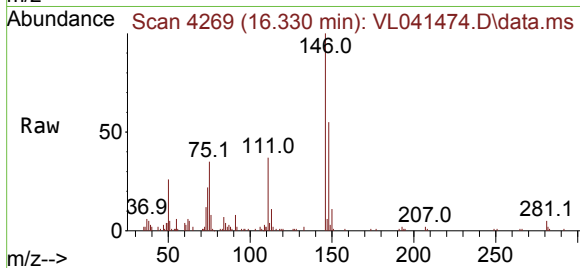
MDL-AIR-03-QT3-2024

Tgt Ion:146	Resp:	76640
Ion Ratio	Lower	Upper
146	100	
111	46.5	22.6 67.8
148	65.7	32.3 96.8

Manual Integrations

APPROVED

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



#76

1,4-Dichlorobenzene

Concen: 0.515 ppbv m

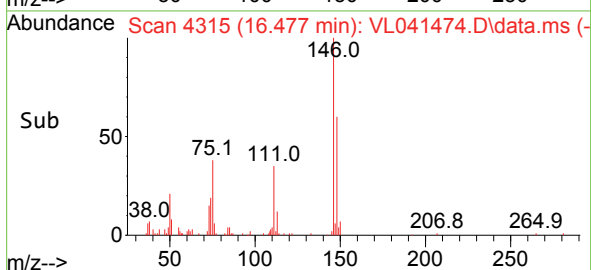
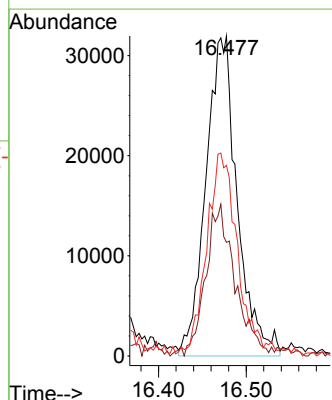
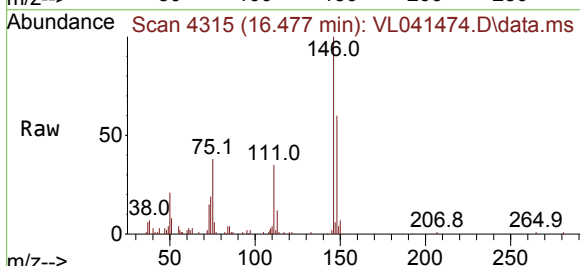
RT: 16.477 min Scan# 4315

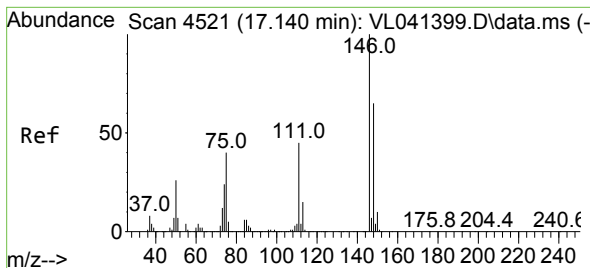
Delta R.T. 0.006 min

Lab File: VL041474.D

Acq: 1 Aug 2024 11:58

Tgt Ion:146	Resp:	79521
Ion Ratio	Lower	Upper
146	100	
111	46.1	22.4 67.0
148	64.8	33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 0.532 ppbv m

RT: 17.137 min Scan# 4521

Delta R.T. -0.003 min

Lab File: VL041474.D

Acq: 1 Aug 2024 11:58

Instrument :

MSVOA_L

ClientSampleId :

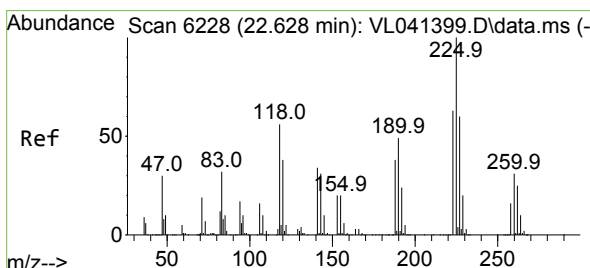
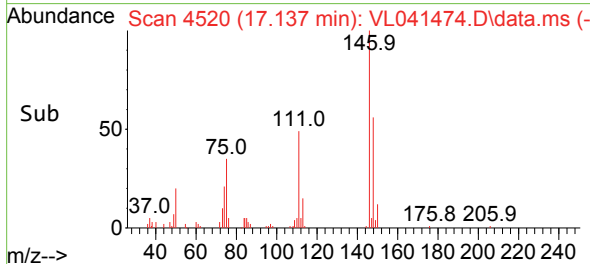
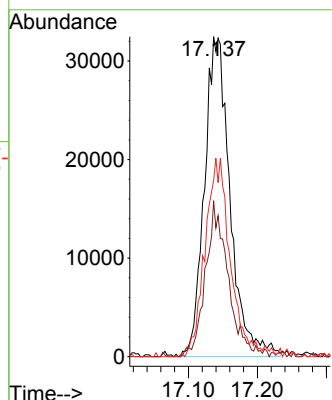
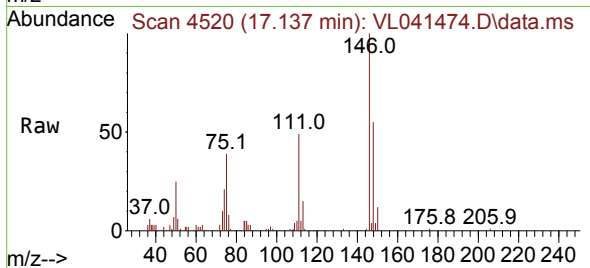
MDL-AIR-03-QT3-2024

Tgt Ion:146	Resp:	8409
Ion Ratio	Lower	Upper
146	100	
111	0.0	23.4
148	61.6	32.2

Manual Integrations

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



#78

Hexachloro-1,3-Butadiene

Concen: 0.554 ppbv m

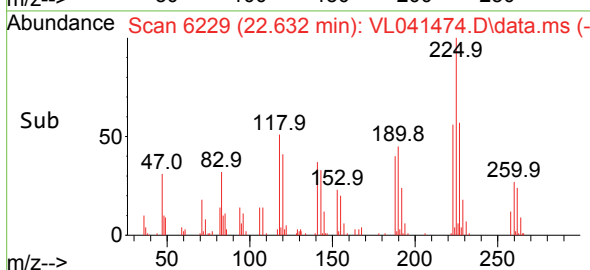
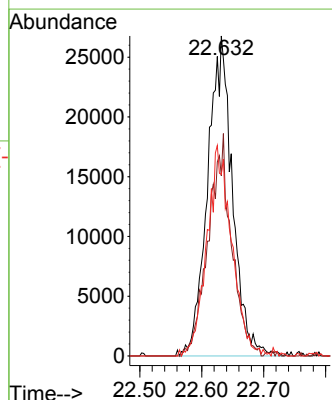
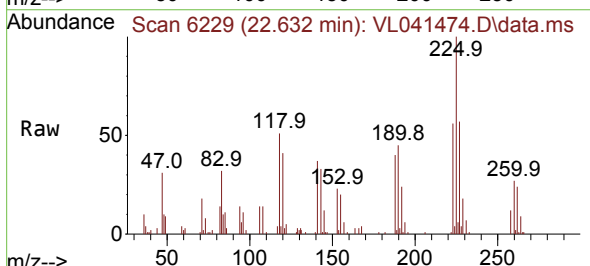
RT: 22.632 min Scan# 6229

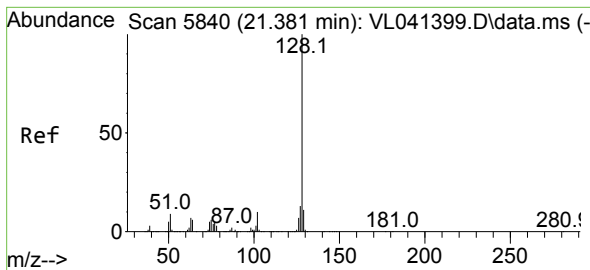
Delta R.T. 0.003 min

Lab File: VL041474.D

Acq: 1 Aug 2024 11:58

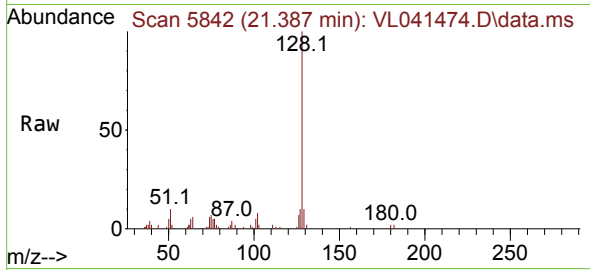
Tgt Ion:225	Resp:	74596
Ion Ratio	Lower	Upper
225	100	
223	0.0	50.6
227	65.9	50.8





#79
Naphthalene
Concen: 0.363 ppbv m
RT: 21.387 min Scan# 5842
Delta R.T. 0.006 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58

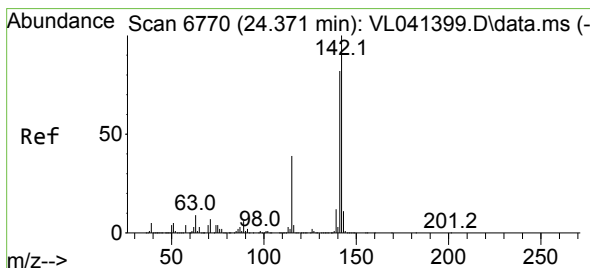
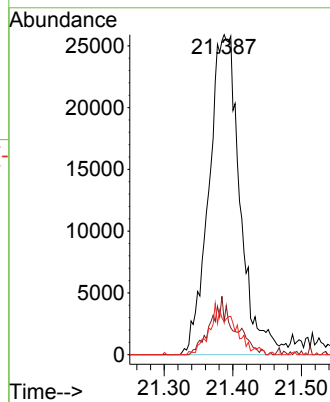
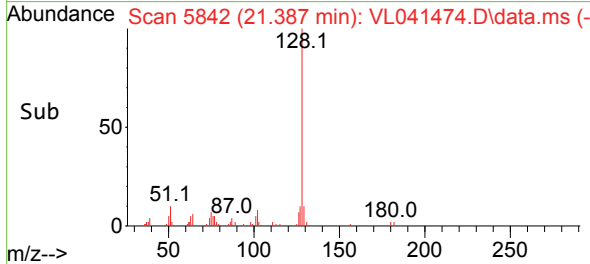
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2024



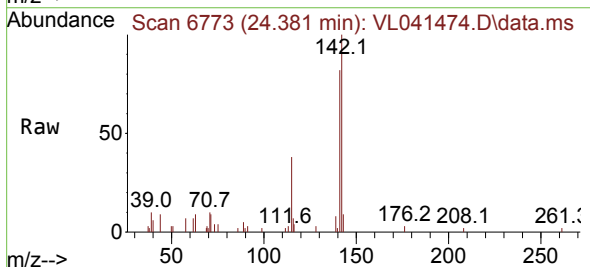
Tgt Ion:128 Resp: 81280
Ion Ratio Lower Upper
128 100
127 10.4 10.3 15.5
129 10.2 9.0 13.4

Manual Integrations
APPROVED

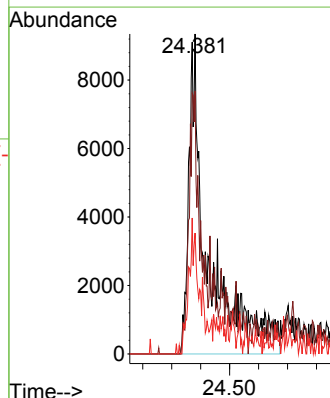
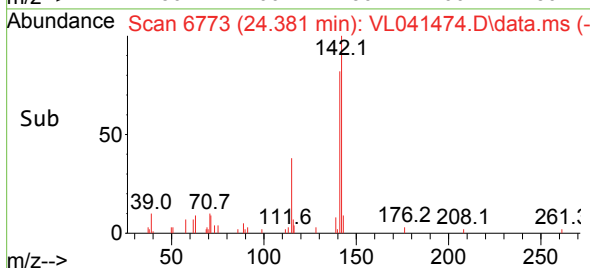
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

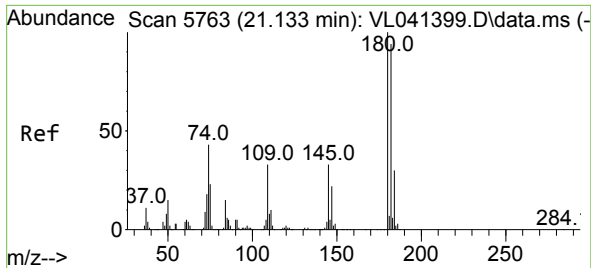


#80
Naphthalene,2-methyl-
Concen: 0.226 ppbv m
RT: 24.381 min Scan# 6773
Delta R.T. 0.013 min
Lab File: VL041474.D
Acq: 1 Aug 2024 11:58



Tgt Ion:142 Resp: 42373
Ion Ratio Lower Upper
142 100
141 56.2 67.0 100.4#
115 23.1 32.2 48.2#





#81

1,2,4-Trichlorobenzene

Concen: 0.442 ppbv m

RT: 21.133 min Scan# 51

Delta R.T. -0.003 min

Lab File: VL041474.D

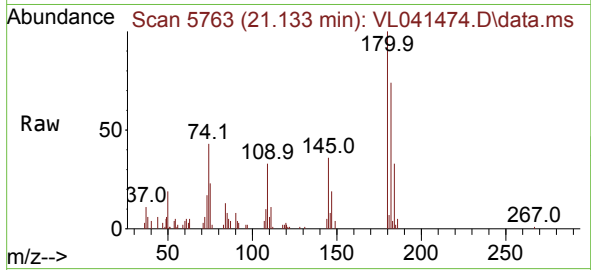
Acq: 1 Aug 2024 11:58

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2024



Tgt Ion:180 Resp: 5889

Ion Ratio Lower Upper

180 100

182 0.0 76.7 115.1

184 27.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024

Supervised By :Mahesh Dadoda 08/03/2024

