

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040133.D
 Acq On : 30 Jan 2023 15:16
 Operator : SY/MD
 Sample : N4955-13 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2022

Quant Time: Jan 31 05:26:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jan 31 05:24:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/31/2023
 Supervised By : Mahesh Dadoda 01/31/2023

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

Internal Standards						
1) Bromochloromethane	5.179	49	866289	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2274813	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2050601	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	1672892	9.816	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.713	85	80650	0.531	ppbv	95
3) Chlorodifluoromethane	2.661	51	49906	0.480	ppbv	95
4) Chloromethane	2.796	50	31151	0.485	ppbv #	82
5) Vinyl Chloride	2.903	62	23540	0.432	ppbv	93
6) Bromomethane	3.105	94	9310m	0.469	ppbv	
7) Chloroethane	3.182	64	9753	0.469	ppbv	98
8) Dichlorotetrafluoroethane	2.841	85	66845	0.471	ppbv	97
9) Propene	2.681	41	19457	0.451	ppbv	91
10) Heptane	7.571	43	43048m	0.433	ppbv	
11) Trichlorofluoromethane	3.549	101	65948	0.435	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.050	101	47883	0.420	ppbv	94
13) Ethanol	3.240	45	1658m	0.417	ppbv	
14) Bromoethene	3.353	108	18410	0.435	ppbv #	96
15) Acetone	3.468	43	49130m	0.473	ppbv	
16) 1,3-Butadiene	2.973	39	22106m	0.456	ppbv	
17) tert-Butyl alcohol	3.883	59	45668	0.472	ppbv	99
18) 1,1-Dichloroethene	3.870	96	22351m	0.451	ppbv	
19) Isopropyl Alcohol	3.581	45	24890	0.490	ppbv #	92
20) Methylene Chloride	3.919	84	22315	0.487	ppbv #	94
21) Allyl Chloride	3.983	41	28361	0.425	ppbv	97
22) trans-1,2-Dichloroethene	4.436	96	21929m	0.433	ppbv	
23) Vinyl Acetate	4.620	43	15352m	0.456	ppbv	
24) 1,1-Dichloroethane	4.549	63	42921	0.421	ppbv #	92
25) Ethyl Acetate	5.205	43	83853	0.458	ppbv #	96
26) Hexane	5.205	57	34932	0.436	ppbv #	87
27) Carbon Disulfide	4.112	76	38511m	0.371	ppbv	
28) Methyl tert-Butyl Ether	4.591	73	40179m	0.446	ppbv	
29) Chloroform	5.263	83	66716	0.521	ppbv	91
30) Cyclohexane	6.587	84	28250m	0.444	ppbv	
31) cis-1,2-Dichloroethene	5.066	61	34866	0.450	ppbv	89
32) 1,1,1-Trichloroethane	5.996	97	62376m	0.479	ppbv	
34) 2-Butanone	4.790	43	46863	0.436	ppbv	95
35) Carbon Tetrachloride	6.484	117	59262	0.461	ppbv #	91
36) Benzene	6.362	78	74724	0.444	ppbv	98
37) 1,2-Dichloroethane	5.793	62	49532	0.458	ppbv	98
38) Trichloroethene	7.288	130	41387	0.433	ppbv	88
39) 1,2-Dichloropropane	7.063	63	30681m	0.466	ppbv	
40) 1,4-Dioxane	7.317	88	12812m	0.490	ppbv	
41) Tetrahydrofuran	5.574	42	24042	0.387	ppbv	91
42) Bromodichloromethane	7.246	83	61731	0.422	ppbv	99
43) Methyl Methacrylate	7.468	69	25863m	0.419	ppbv	
44) 2,2,4-Trimethylpentane	7.320	57	120126	0.429	ppbv	97
45) t-1,3-Dichloropropene	8.706	75	18984m	0.345	ppbv	

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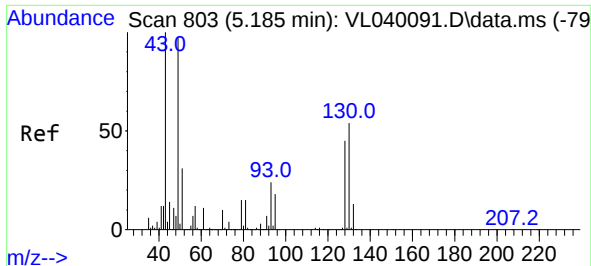
Quant Time: Jan 31 05:26:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
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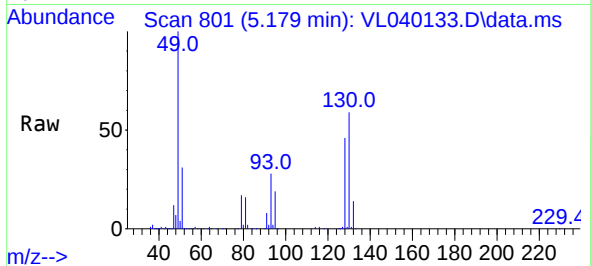
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	29416m	0.391	ppbv	
47) 1,1,2-Trichloroethane	8.896	97	34001m	0.490	ppbv	
48) Dibromochloromethane	9.703	129	43657	0.392	ppbv	92
49) Bromoform	12.407	173	32829m	0.382	ppbv	
50) 4-Methyl-2-Pentanone	8.192	43	66831	0.395	ppbv	99
51) 2-Hexanone	9.574	43	45687m	0.356	ppbv	
52) Tetrachloroethene	10.613	164	26554m	0.482	ppbv	
53) Toluene	9.217	91	71417	0.398	ppbv	99
54) 1,2-Dibromoethane	9.999	107	33932m	0.468	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.507	131	38257m	0.479	ppbv	
57) Chlorobenzene	11.520	112	66744	0.477	ppbv	96
58) Ethyl Benzene	12.082	91	96045m	0.420	ppbv	
59) m/p-Xylene	12.362	91	171537m	0.834	ppbv	
60) o-Xylene	13.050	91	81183m	0.416	ppbv	
61) Styrene	12.896	104	36423m	0.358	ppbv	
62) Isopropylbenzene	14.024	105	127889m	0.455	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.053	83	33875m	0.478	ppbv	
64) n-propylbenzene	14.909	120	31592m	0.452	ppbv	
65) tert-Butylbenzene	16.092	119	101128	0.420	ppbv	93
66) Benzyl Chloride	16.336	91	6028m	0.367	ppbv	
67) sec-Butylbenzene	16.642	105	142613m	0.418	ppbv	
69) p-Isopropyltoluene	16.998	119	102539	0.383	ppbv	95
70) n-Butylbenzene	17.892	91	113103	0.391	ppbv	99
71) 2-Chlorotoluene	14.802	91	91029m	0.421	ppbv	
72) 4-Ethyltoluene	15.188	105	83940	0.387	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.352	105	75650	0.388	ppbv	94
74) 1,2,4-Trimethylbenzene	16.105	105	93840m	0.434	ppbv	
75) 1,3-Dichlorobenzene	16.336	146	53360m	0.444	ppbv	
76) 1,4-Dichlorobenzene	16.468	146	53351m	0.452	ppbv	
77) 1,2-Dichlorobenzene	17.143	146	50710m	0.442	ppbv	
78) Hexachloro-1,3-Butadiene	22.635	225	43165m	0.513	ppbv	
79) Naphthalene	21.391	128	44713m	0.361	ppbv	
80) Naphthalene,2-methyl-	24.387	142	10716m	0.257	ppbv	
81) 1,2,4-Trichlorobenzene	21.156	180	27828m	0.365	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

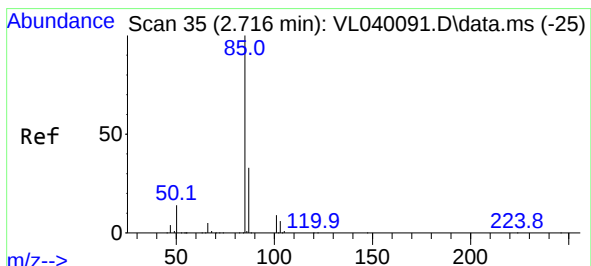
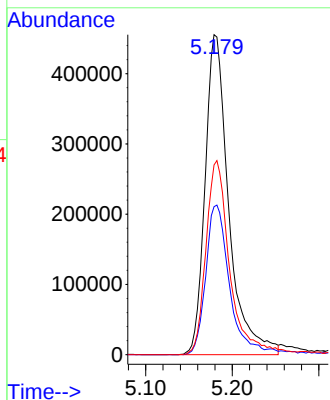
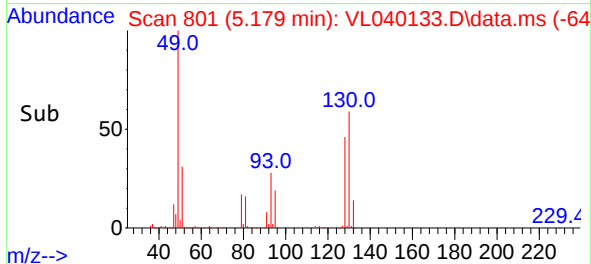
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



Tgt Ion: 49 Resp: 866289
Ion Ratio Lower Upper
49 100
128 48.0 23.6 71.0
130 62.8 29.8 89.3

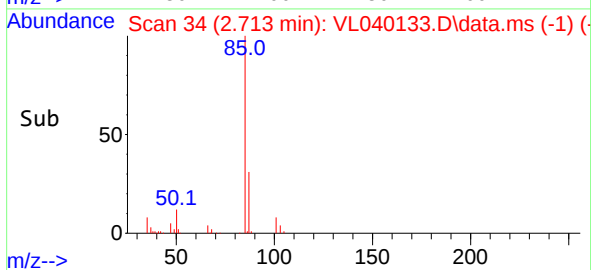
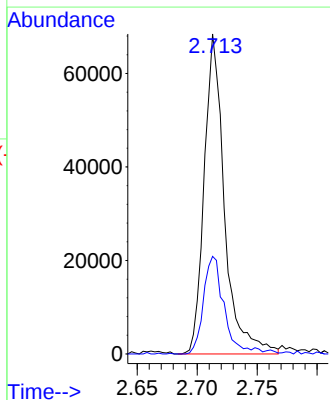
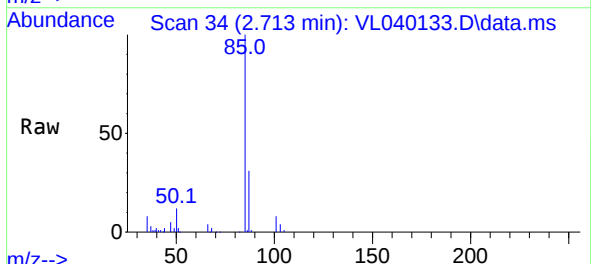
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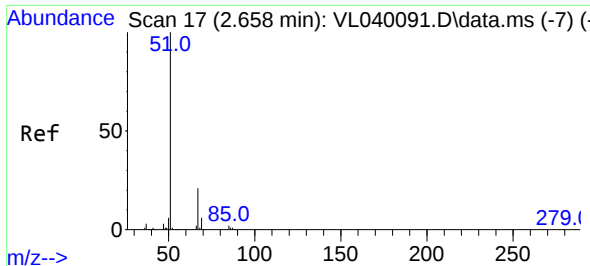
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#2
Dichlorodifluoromethane
Concen: 0.531 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.000 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

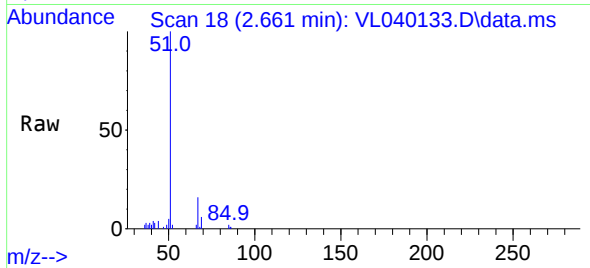
Tgt Ion: 85 Resp: 80650
Ion Ratio Lower Upper
85 100
87 30.5 26.5 39.7





#3
Chlorodifluoromethane
Concen: 0.480 ppbv
RT: 2.661 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

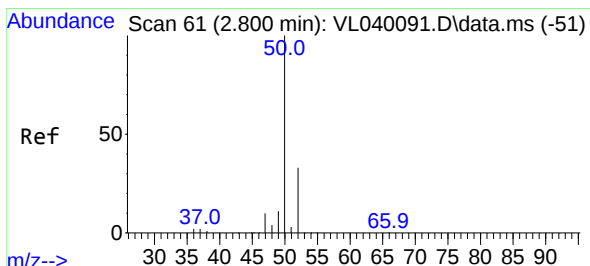
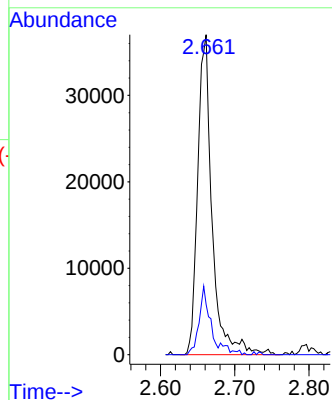
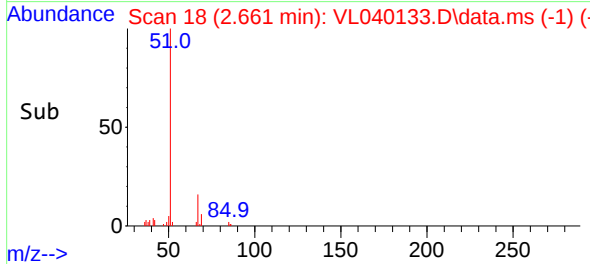
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



Tgt Ion: 51 Resp: 49900
Ion Ratio Lower Upper
51 100
67 18.2 16.4 24.6

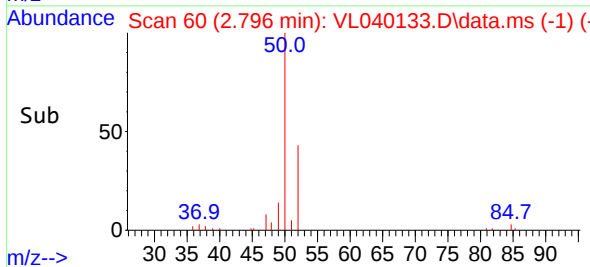
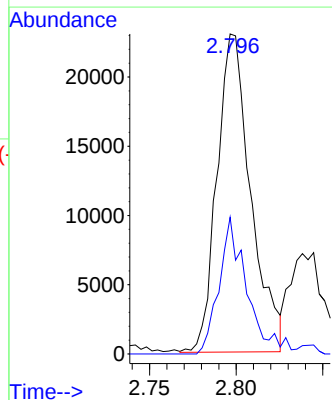
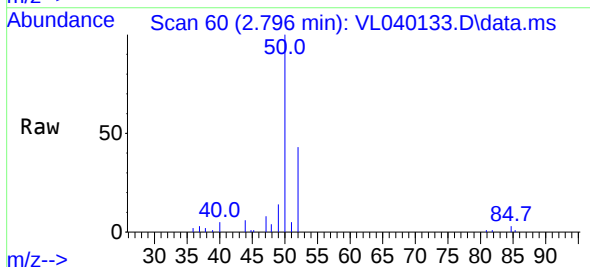
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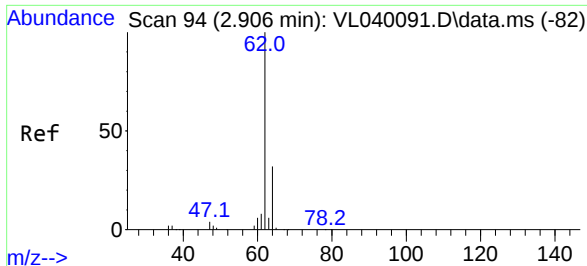
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#4
Chloromethane
Concen: 0.485 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

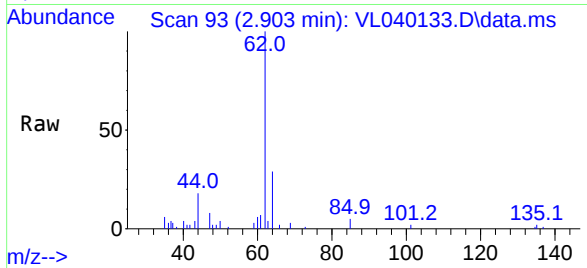
Tgt Ion: 50 Resp: 31151
Ion Ratio Lower Upper
50 100
52 43.1 26.5 39.7#





#5
 Vinyl Chloride
 Concen: 0.432 ppbv
 RT: 2.903 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL040133.D
 Acq: 30 Jan 2023 15:16

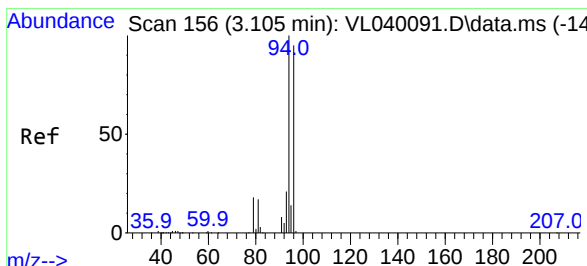
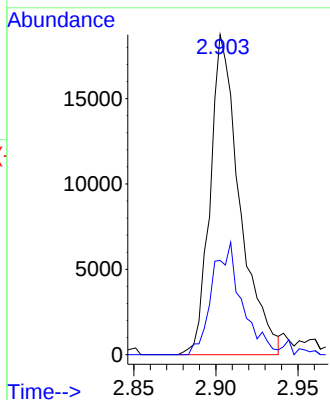
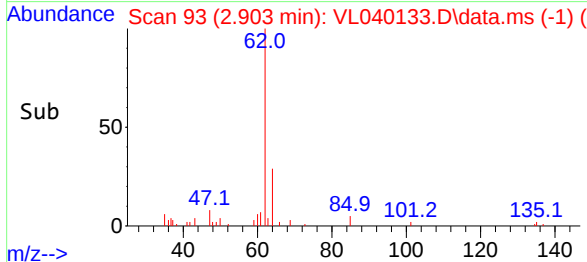
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2022



Tgt Ion: 62 Resp: 23540
 Ion Ratio Lower Upper
 62 100
 64 28.4 25.8 38.6

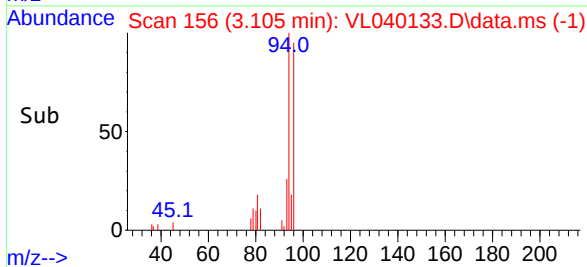
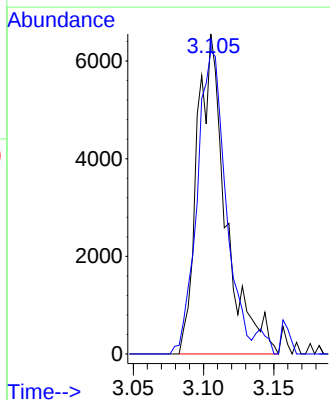
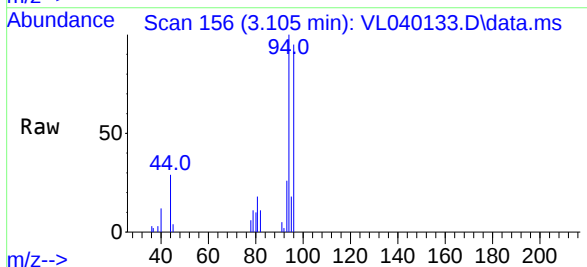
Manual Integrations
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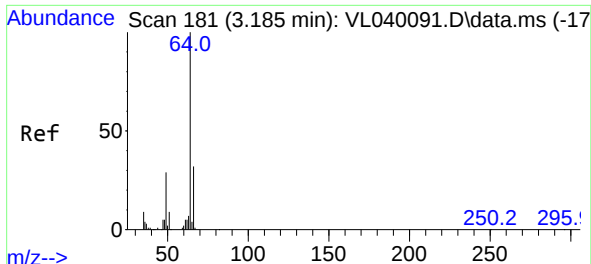
Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023



#6
 Bromomethane
 Concen: 0.469 ppbv m
 RT: 3.105 min Scan# 156
 Delta R.T. 0.003 min
 Lab File: VL040133.D
 Acq: 30 Jan 2023 15:16

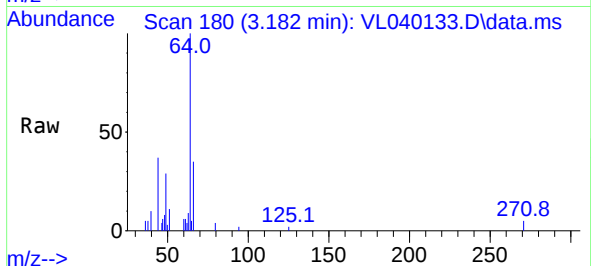
Tgt Ion: 94 Resp: 9310
 Ion Ratio Lower Upper
 94 100
 96 94.6 76.2 114.2





#7
Chloroethane
Concen: 0.469 ppbv
RT: 3.182 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

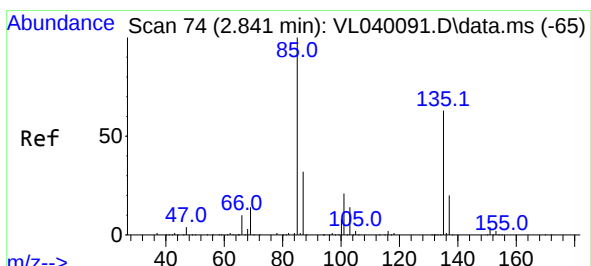
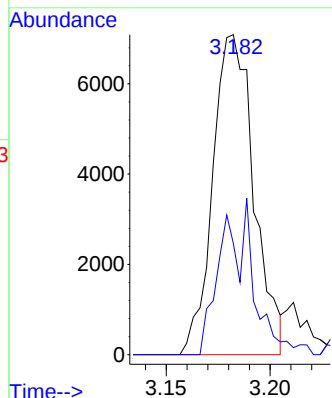
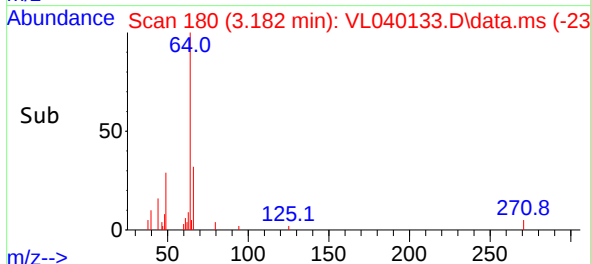
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



Tgt Ion: 64 Resp: 975
Ion Ratio Lower Upper
64 100
66 33.1 25.6 38.4

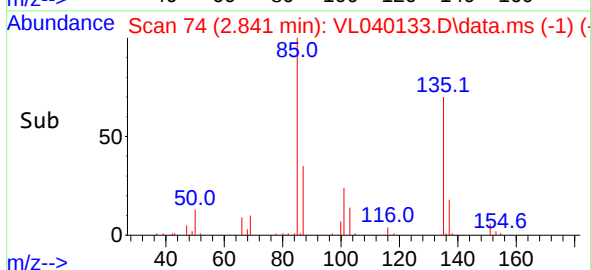
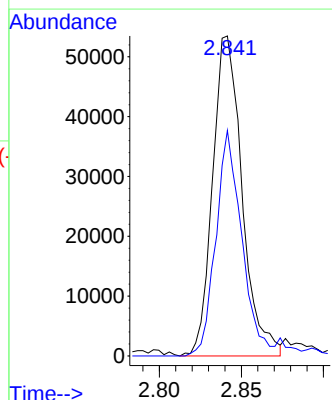
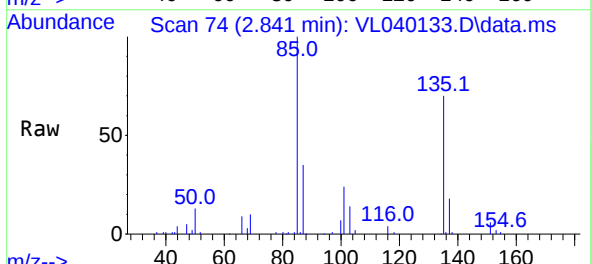
Manual Integrations
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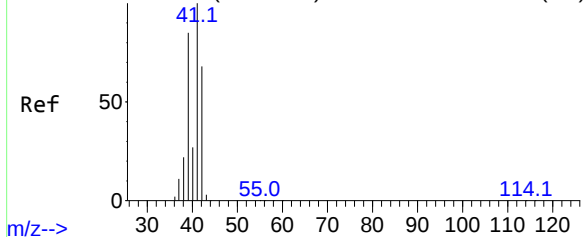


#8
Dichlorotetrafluoroethane
Concen: 0.471 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion: 85 Resp: 66845
Ion Ratio Lower Upper
85 100
135 66.5 51.4 77.2



Abundance Scan 23 (2.677 min): VL040091.D\data.ms (-15)



#9

Propene

Concen: 0.451 ppbv

RT: 2.681 min Scan# 24

Delta R.T. 0.007 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2022

Tgt Ion: 41 Resp: 1945

Ion Ratio Lower Upper

41 100

42 76.6 55.6 83.4

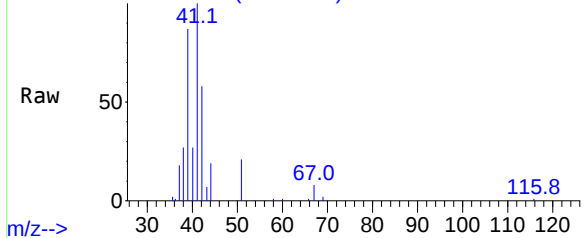
Manual Integrations

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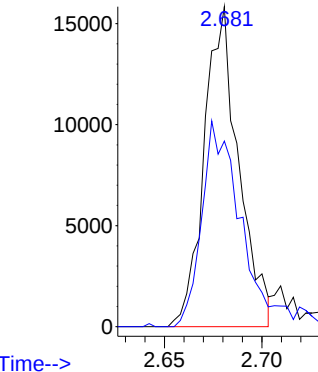
Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023

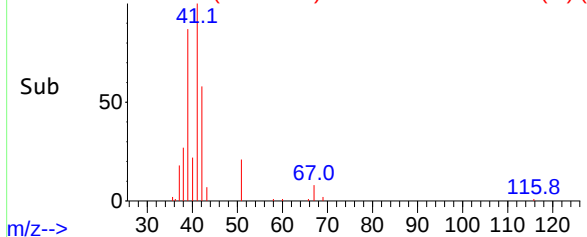
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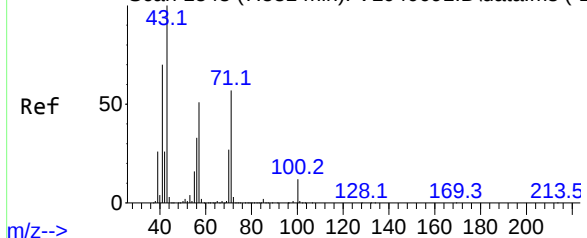
Abundance



Abundance Scan 24 (2.681 min): VL040133.D\data.ms (-1)



Abundance Scan 1548 (7.581 min): VL040091.D\data.ms (-1)



#10

Heptane

Concen: 0.433 ppbv m

RT: 7.571 min Scan# 1545

Delta R.T. 0.003 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

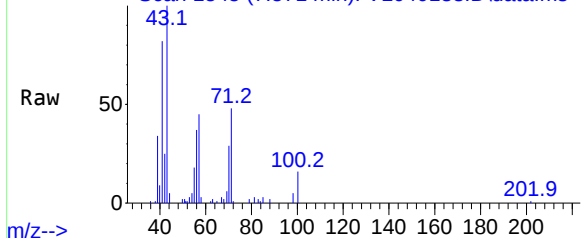
Tgt Ion: 43 Resp: 43048

Ion Ratio Lower Upper

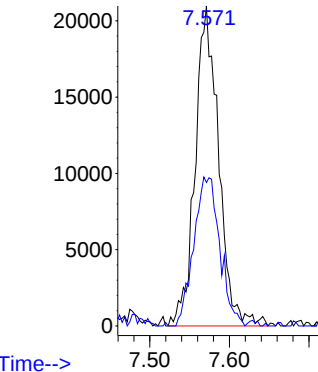
43 100

57 52.4 40.9 61.3

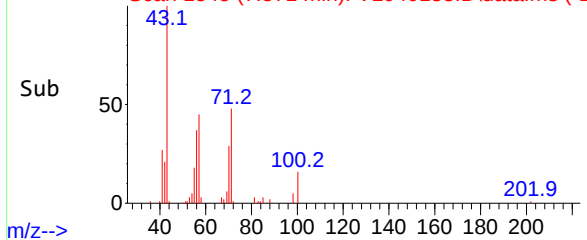
Abundance Scan 1545 (7.571 min): VL040133.D\data.ms

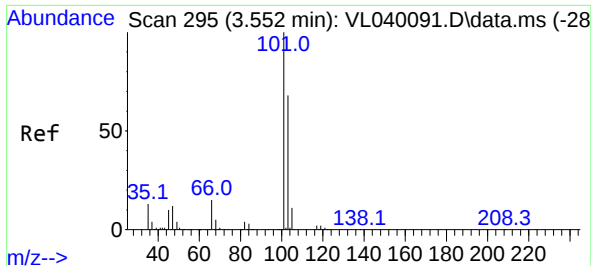


Abundance



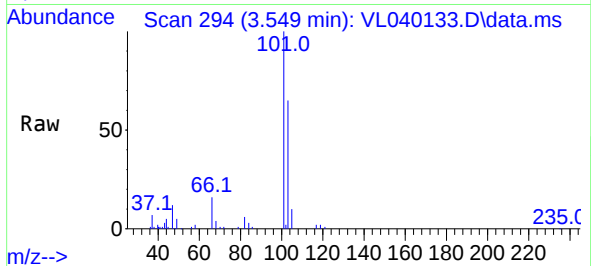
Abundance Scan 1545 (7.571 min): VL040133.D\data.ms (-1)





#11
 Trichlorofluoromethane
 Concen: 0.435 ppbv
 RT: 3.549 min Scan# 295
 Delta R.T. 0.003 min
 Lab File: VL040133.D
 Acq: 30 Jan 2023 15:16

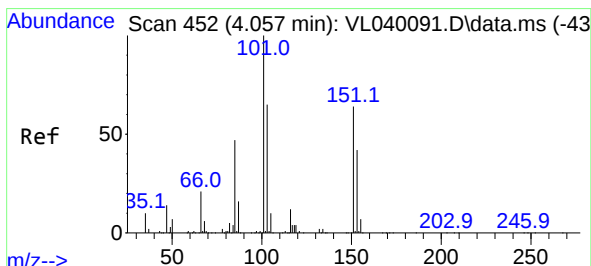
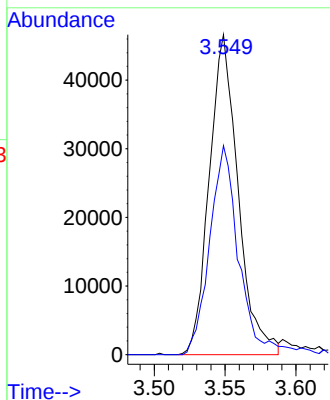
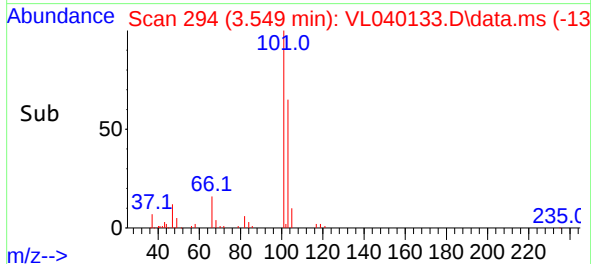
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2022



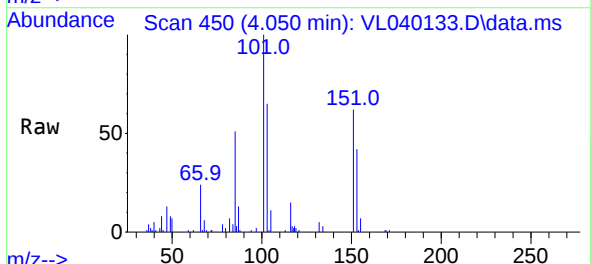
Tgt Ion:101 Resp: 65948
 Ion Ratio Lower Upper
 101 100
 103 65.3 54.0 81.0

Manual Integrations
 APPROVED

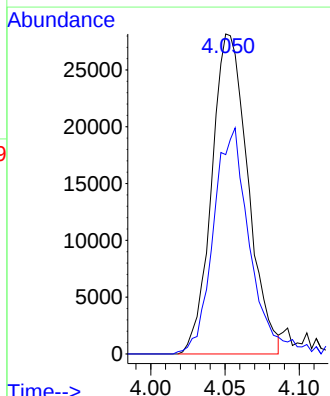
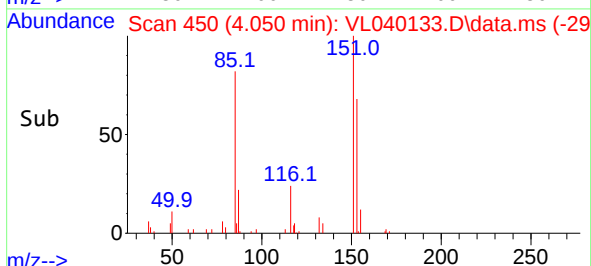
Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023

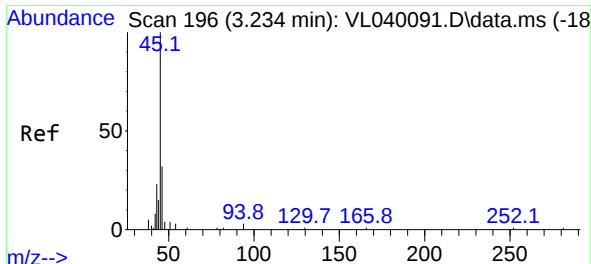


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.420 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. 0.003 min
 Lab File: VL040133.D
 Acq: 30 Jan 2023 15:16



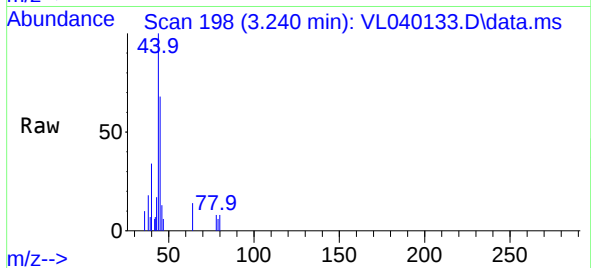
Tgt Ion:101 Resp: 47883
 Ion Ratio Lower Upper
 101 100
 151 71.7 53.2 79.8





#13
Ethanol
Concen: 0.417 ppbv
RT: 3.240 min Scan# 196
Delta R.T. 0.013 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

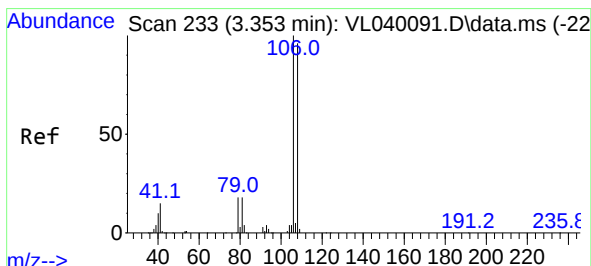
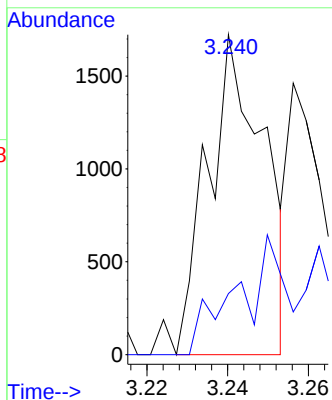
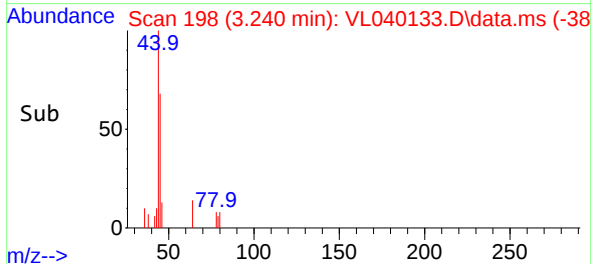
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



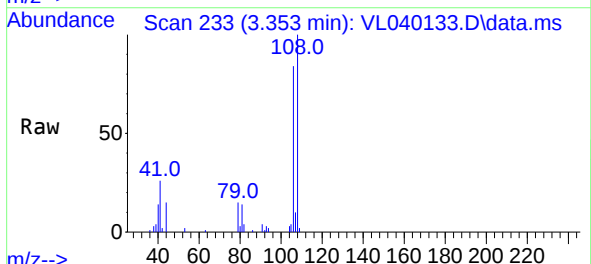
Tgt Ion: 45 Resp: 1658
Ion Ratio Lower Upper
45 100
46 4.7 14.8 59.2

Manual Integrations
APPROVED

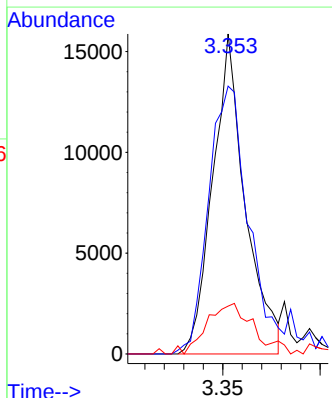
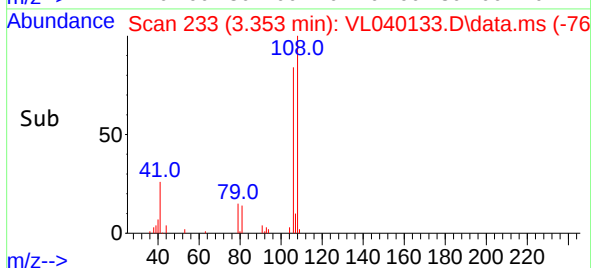
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

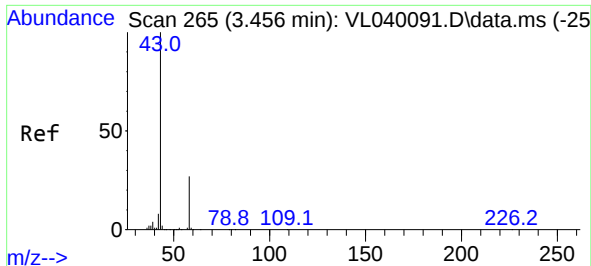


#14
Bromoethene
Concen: 0.435 ppbv
RT: 3.353 min Scan# 233
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16



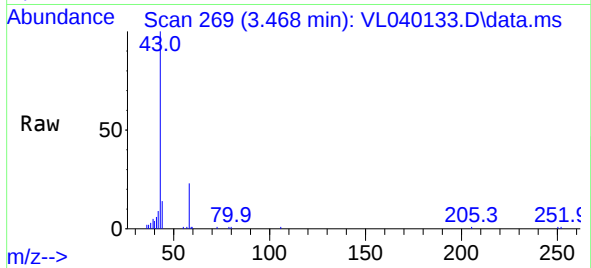
Tgt Ion:108 Resp: 18410
Ion Ratio Lower Upper
108 100
106 112.3 87.0 130.6
79 24.5 16.1 24.1





#15
Acetone
Concen: 0.473 ppbv m
RT: 3.468 min Scan# 20
Delta R.T. 0.019 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

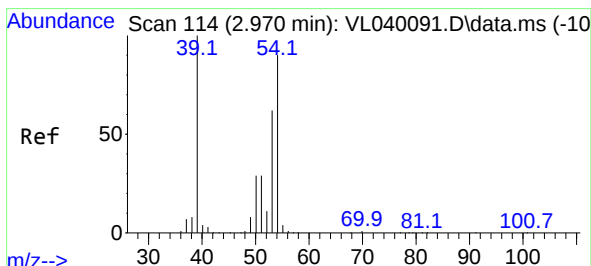
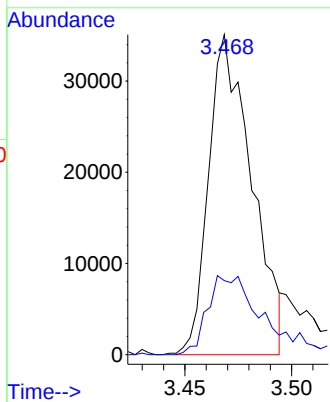
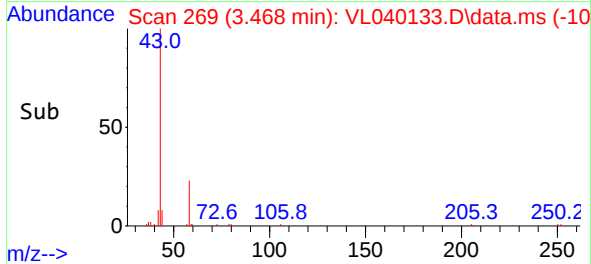
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



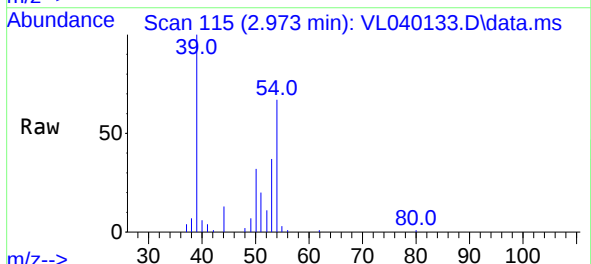
Tgt Ion: 43 Resp: 49130
Ion Ratio Lower Upper
43 100
58 34.6 21.8 32.8

Manual Integrations
APPROVED

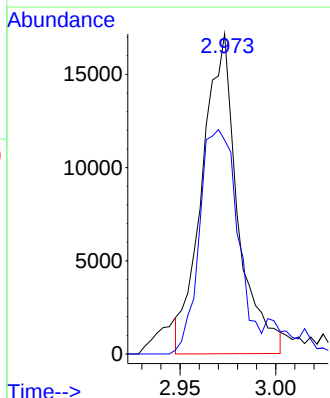
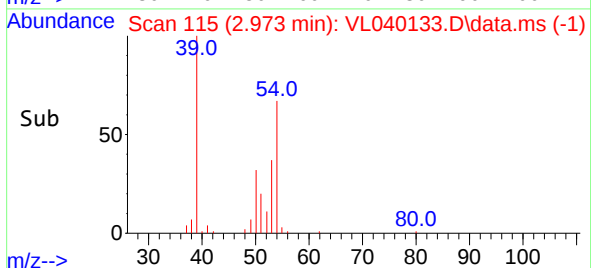
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

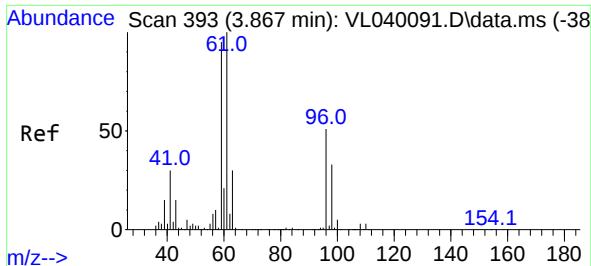


#16
1,3-Butadiene
Concen: 0.456 ppbv m
RT: 2.973 min Scan# 115
Delta R.T. 0.007 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16



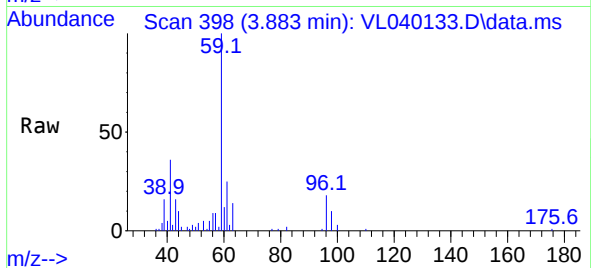
Tgt Ion: 39 Resp: 22106
Ion Ratio Lower Upper
39 100
54 87.3 67.9 101.9





#17
tert-Butyl alcohol
Concen: 0.472 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.023 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

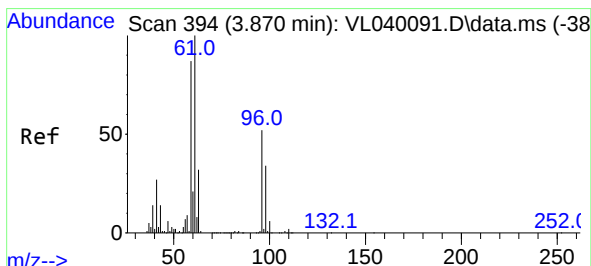
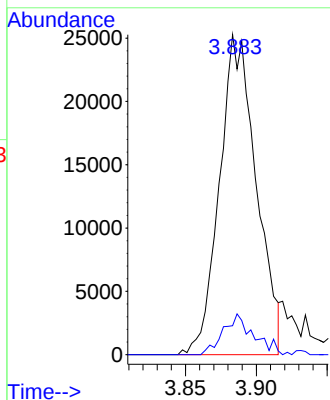
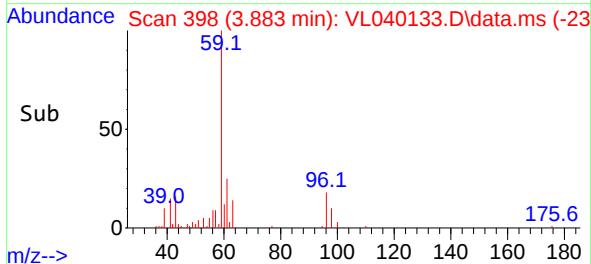
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



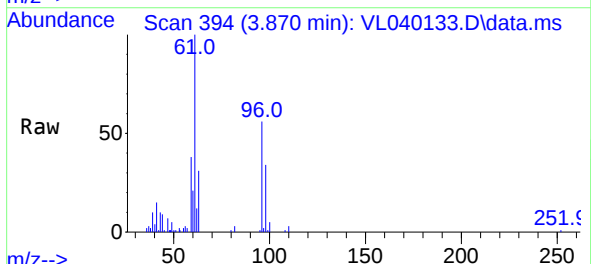
Tgt Ion: 59 Resp: 4566
Ion Ratio Lower Upper
59 100
57 10.9 8.5 12.7

Manual Integrations
APPROVED

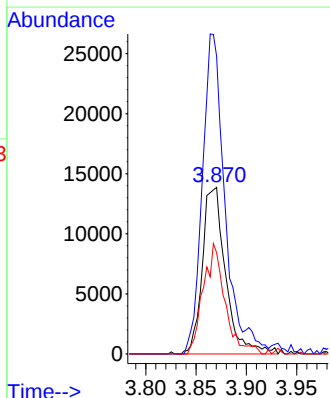
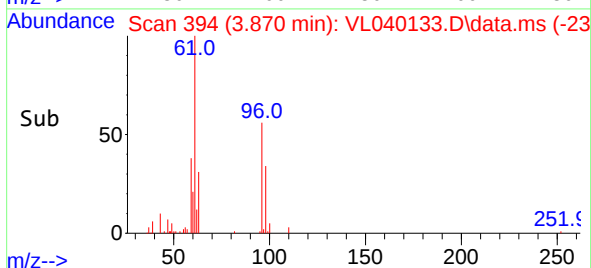
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

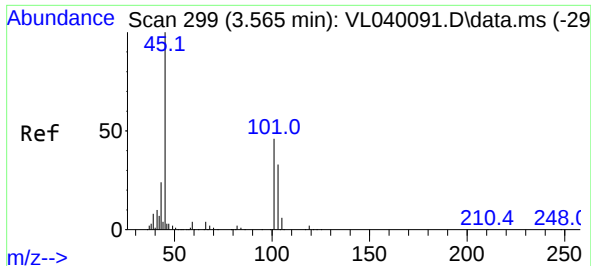


#18
1,1-Dichloroethene
Concen: 0.451 ppbv m
RT: 3.870 min Scan# 394
Delta R.T. 0.007 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16



Tgt Ion: 96 Resp: 22351
Ion Ratio Lower Upper
96 100
61 178.7 153.0 229.4
98 60.8 52.7 79.1





#19

Isopropyl Alcohol

Concen: 0.490 ppbv

RT: 3.581 min Scan# 304

Delta R.T. 0.023 min

Lab File: VL040133.D

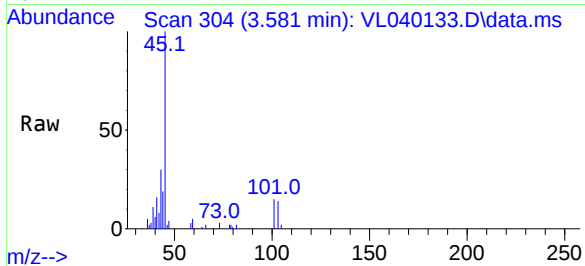
Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2022



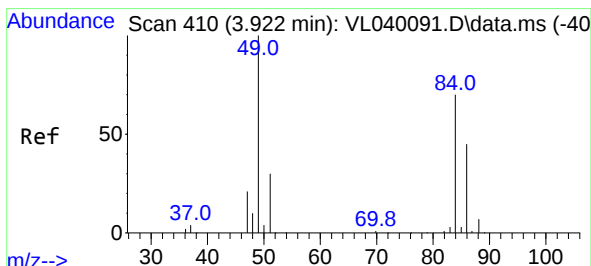
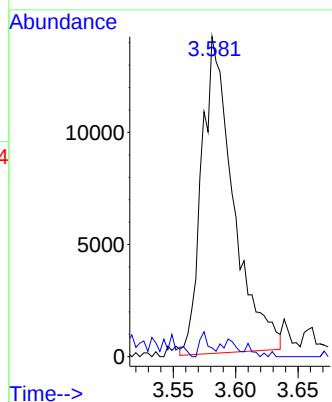
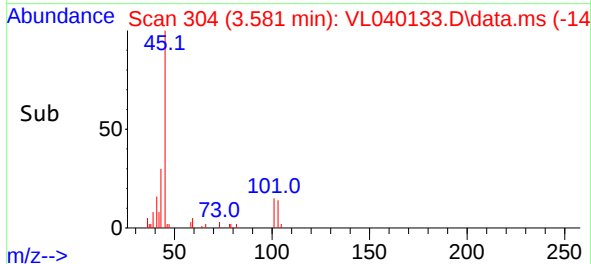
Tgt Ion: 45 Resp: 24890

Ion	Ratio	Lower	Upper
45	100		
58	5.9	2.6	4.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#20

Methylene Chloride

Concen: 0.487 ppbv

RT: 3.919 min Scan# 409

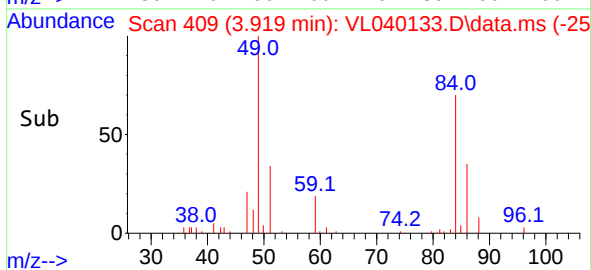
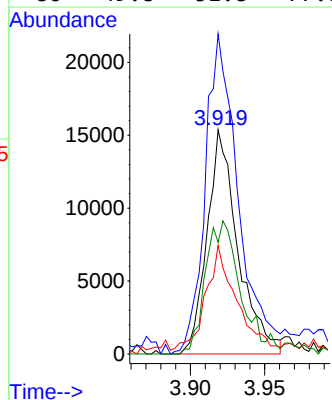
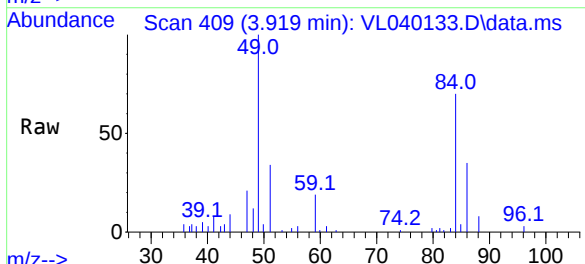
Delta R.T. 0.003 min

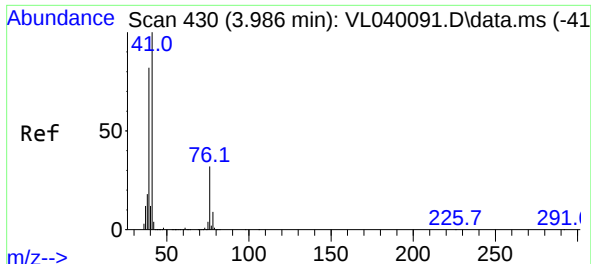
Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Tgt Ion: 84 Resp: 22315

Ion	Ratio	Lower	Upper
84	100		
49	141.1	114.6	171.8
51	44.3	34.3	51.5
86	49.8	51.8	77.8





#21

Allyl Chloride

Concen: 0.425 ppbv

RT: 3.983 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2022

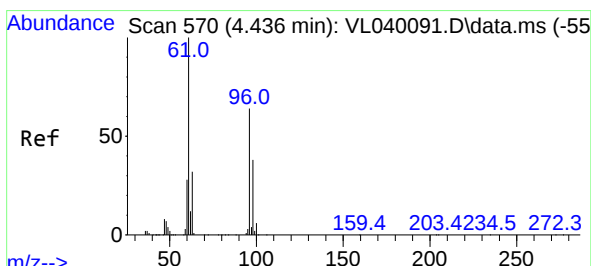
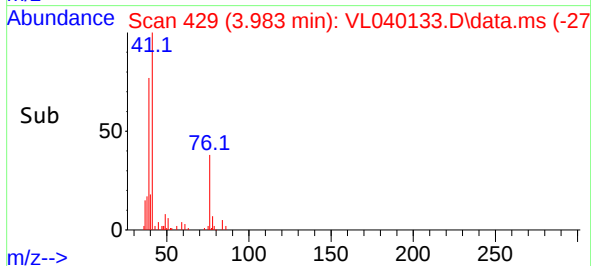
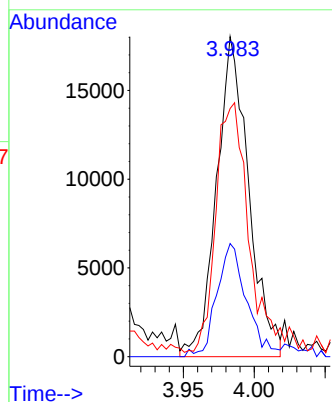
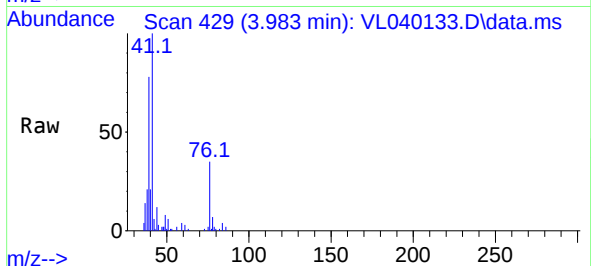
Tgt Ion: 41 Resp: 2836

Ion	Ratio	Lower	Upper
41	100		
76	35.5	25.9	38.9
39	85.9	66.8	100.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#22

trans-1,2-Dichloroethene

Concen: 0.433 ppbv m

RT: 4.436 min Scan# 570

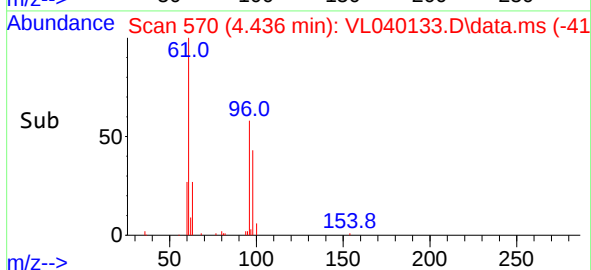
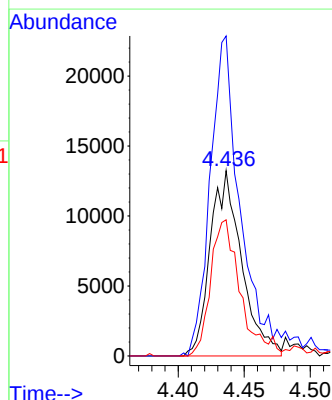
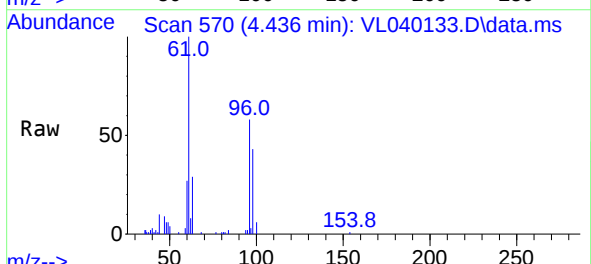
Delta R.T. 0.007 min

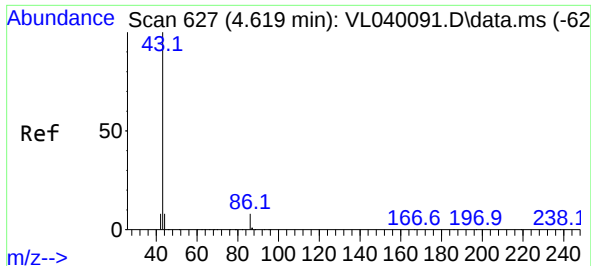
Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Tgt Ion: 96 Resp: 21929

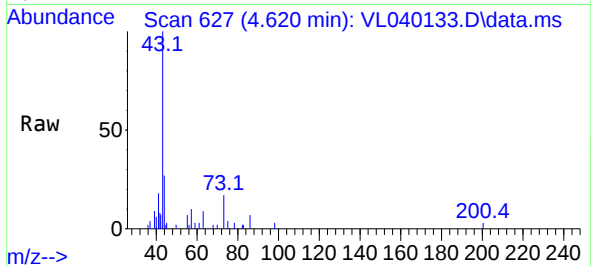
Ion	Ratio	Lower	Upper
96	100		
61	172.7	125.8	188.8
98	73.5	47.4	71.2





#23
 Vinyl Acetate
 Concen: 0.456 ppbv m
 RT: 4.620 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VL040133.D
 Acq: 30 Jan 2023 15:16

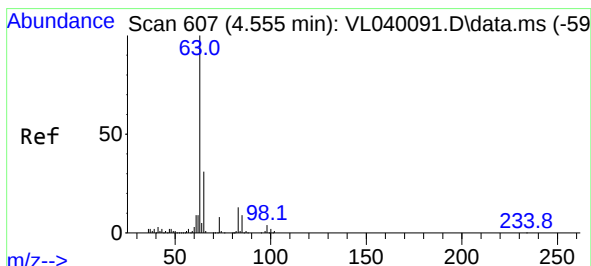
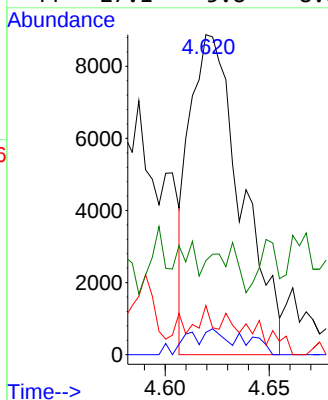
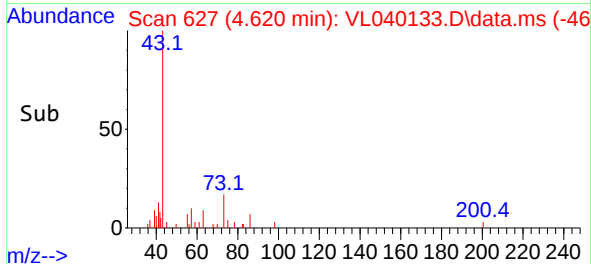
Instrument :
 MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2022



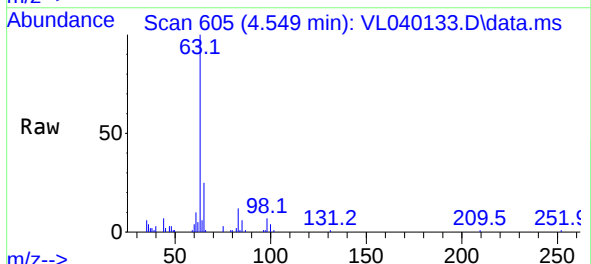
Tgt Ion: 43 Resp: 15352
 Ion Ratio Lower Upper
 43 100
 86 6.9 5.6 8.4
 42 8.0 7.7 11.5
 44 27.1 5.8 8.8#

Manual Integrations
 APPROVED

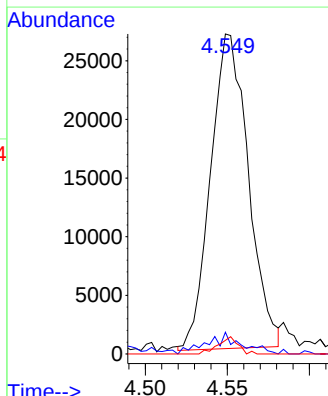
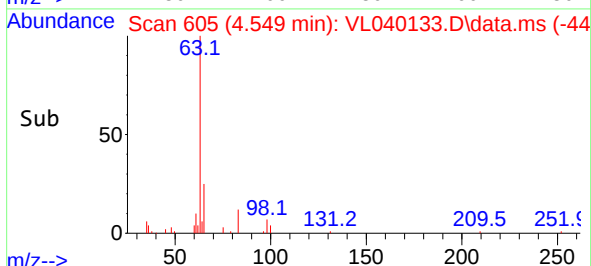
Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023

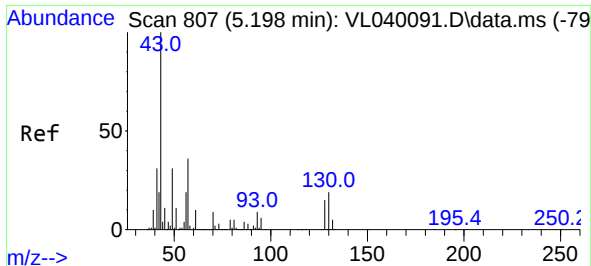


#24
 1,1-Dichloroethane
 Concen: 0.421 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: VL040133.D
 Acq: 30 Jan 2023 15:16



Tgt Ion: 63 Resp: 42921
 Ion Ratio Lower Upper
 63 100
 98 7.0 2.0 5.8#
 100 4.4 1.1 3.5#





#25
Ethyl Acetate
Concen: 0.458 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.016 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

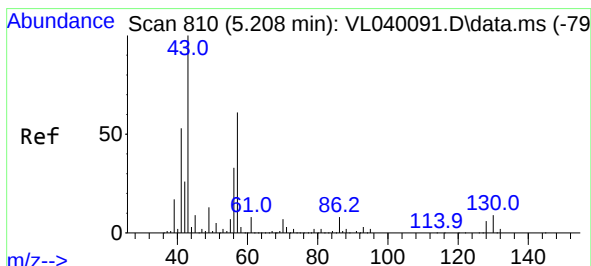
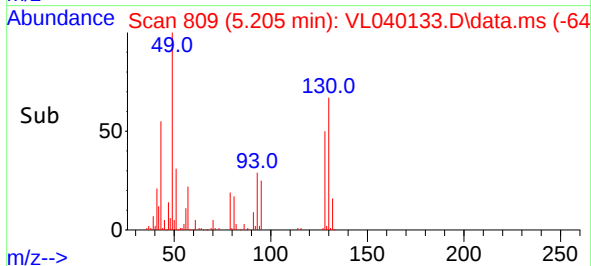
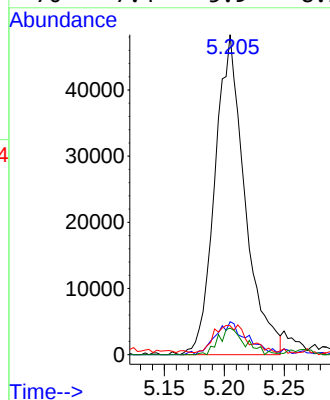
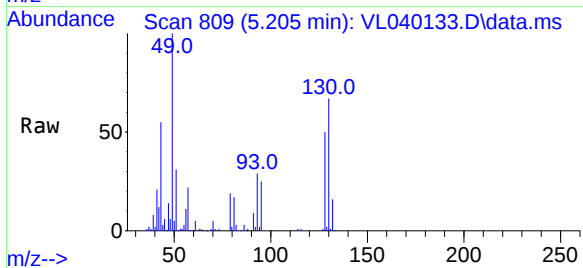
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022

Tgt Ion: 43 Resp: 8385

Ion	Ratio	Lower	Upper
43	100		
45	12.1	8.5	12.7
61	13.3	8.4	12.6
70	7.4	5.9	8.9

Manual Integrations
APPROVED

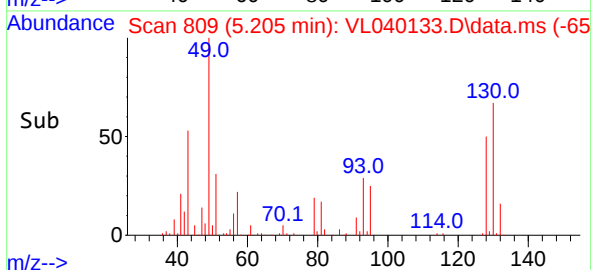
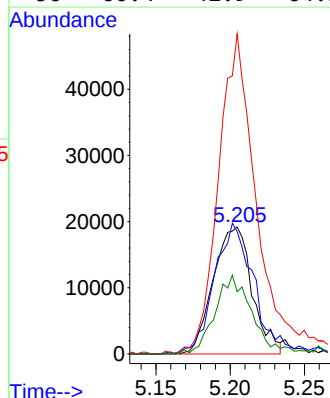
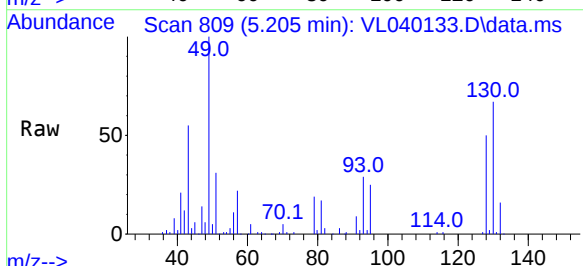
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

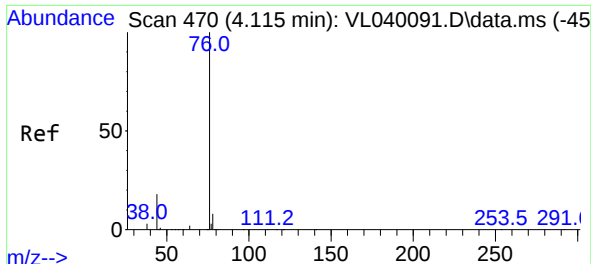


#26
Hexane
Concen: 0.436 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.007 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion: 57 Resp: 34932

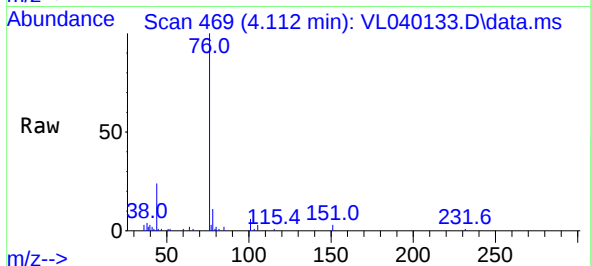
Ion	Ratio	Lower	Upper
57	100		
41	109.6	72.2	108.4
43	257.8	192.1	288.1
56	60.4	42.9	64.3





#27
Carbon Disulfide
Concen: 0.371 ppbv m
RT: 4.112 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

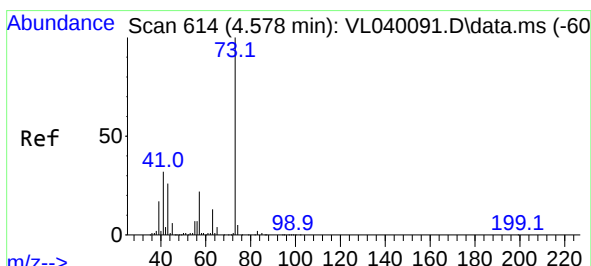
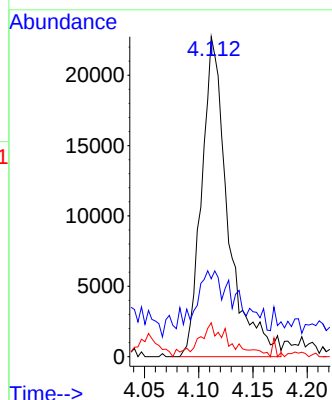
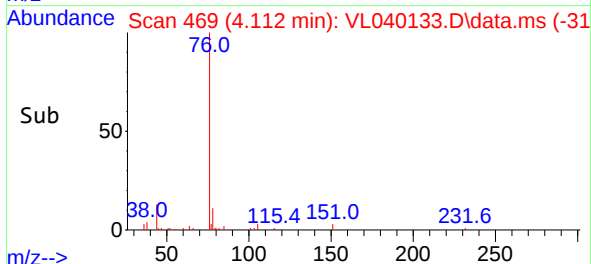
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



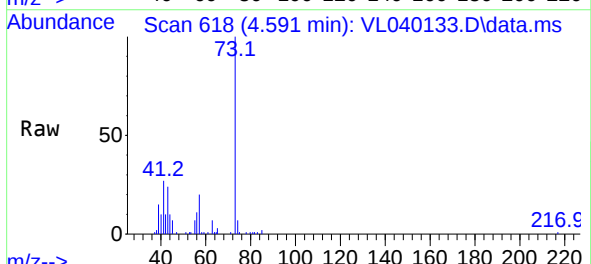
Tgt Ion: 76 Resp: 3851
Ion Ratio Lower Upper
76 100
44 35.8 14.9 22.3
78 11.9 8.2 12.2

Manual Integrations
APPROVED

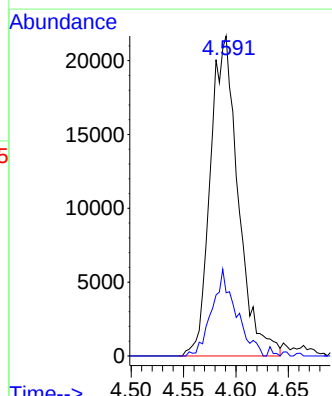
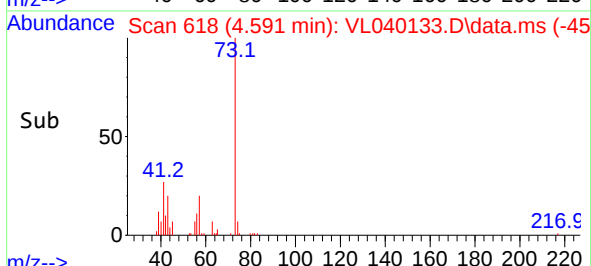
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

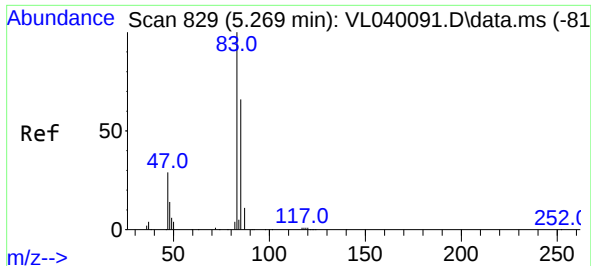


#28
Methyl tert-Butyl Ether
Concen: 0.446 ppbv m
RT: 4.591 min Scan# 618
Delta R.T. 0.023 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16



Tgt Ion: 73 Resp: 40179
Ion Ratio Lower Upper
73 100
57 0.0 18.3 27.5





#29

Chloroform

Concen: 0.521 ppbv

RT: 5.263 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2022

Tgt Ion: 83 Resp: 66710

Ion Ratio Lower Upper

83 100

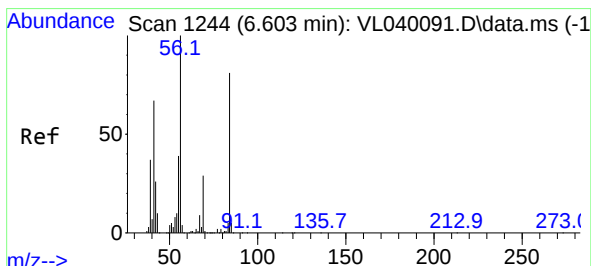
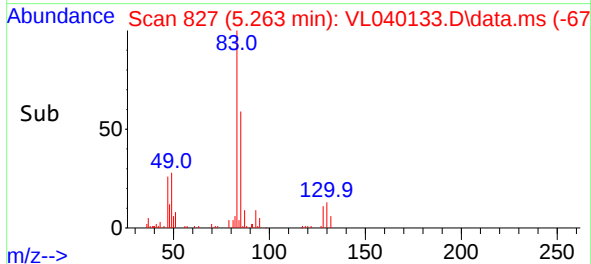
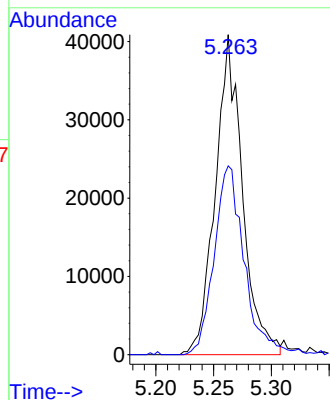
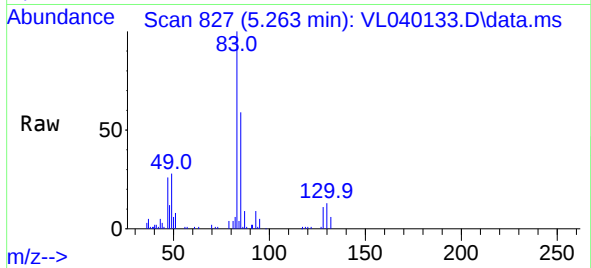
85 59.0 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#30

Cyclohexane

Concen: 0.444 ppbv m

RT: 6.587 min Scan# 1239

Delta R.T. -0.003 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

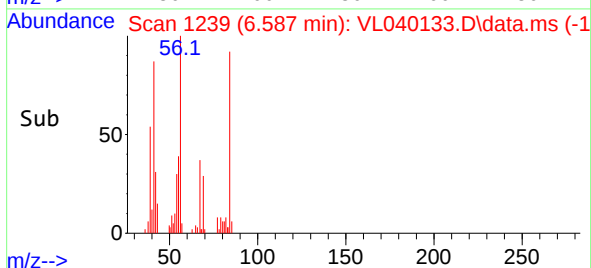
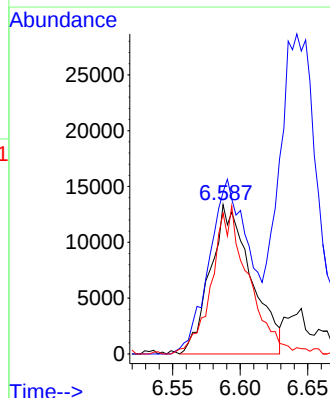
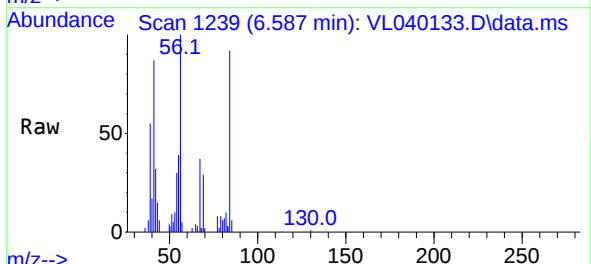
Tgt Ion: 84 Resp: 28250

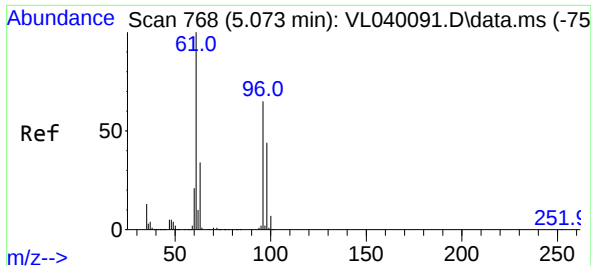
Ion Ratio Lower Upper

84 100

56 103.1 111.5 167.3#

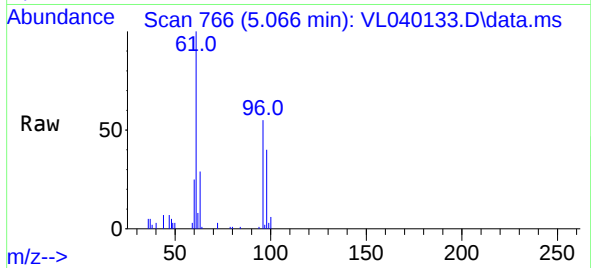
41 90.1 71.4 107.0





#31
cis-1,2-Dichloroethene
Concen: 0.450 ppbv
RT: 5.066 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

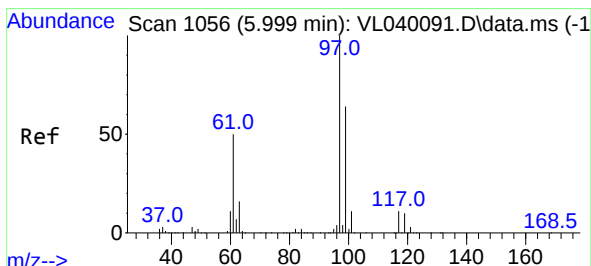
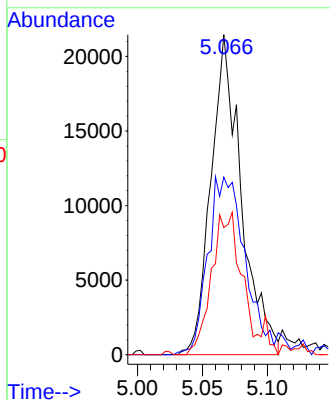
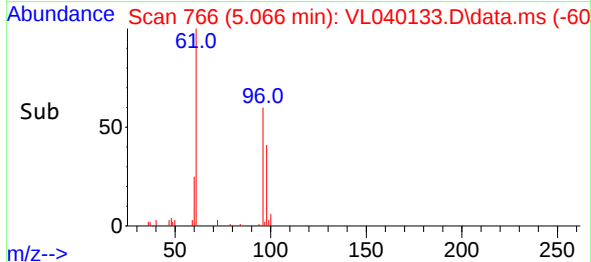
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



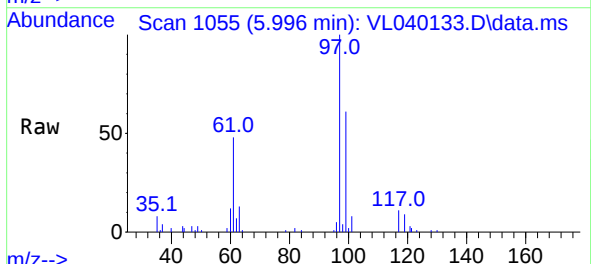
Tgt Ion: 61 Resp: 3486
Ion Ratio Lower Upper
61 100
96 54.7 52.0 78.0
98 39.7 35.3 52.9

Manual Integrations
APPROVED

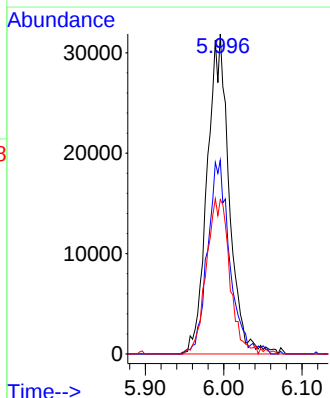
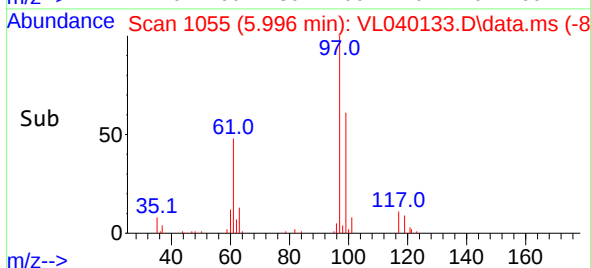
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

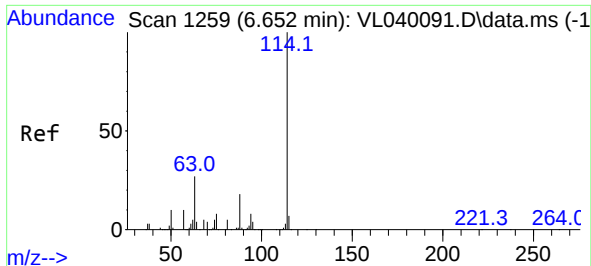


#32
1,1,1-Trichloroethane
Concen: 0.479 ppbv m
RT: 5.996 min Scan# 1055
Delta R.T. 0.007 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16



Tgt Ion: 97 Resp: 62376
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 52.1 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040133.D

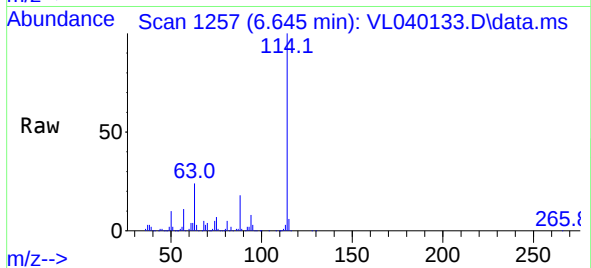
Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2022



Tgt Ion:114 Resp: 227481

Ion Ratio Lower Upper

114 100

63 25.2 21.8 32.8

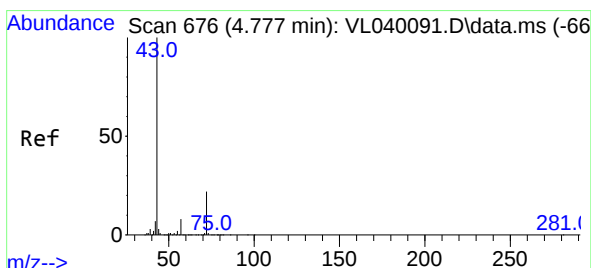
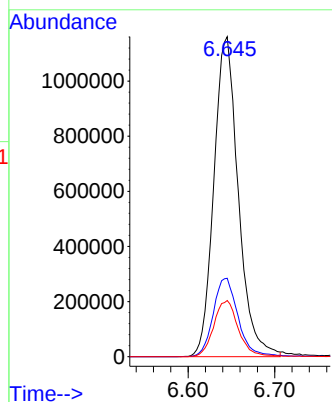
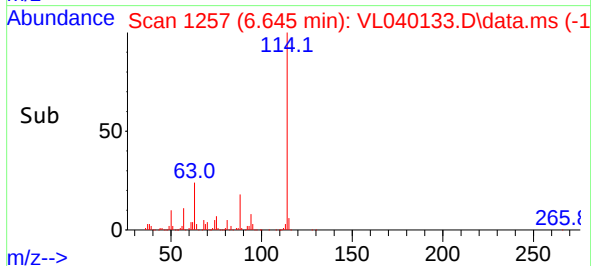
88 17.9 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#34

2-Butanone

Concen: 0.436 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.019 min

Lab File: VL040133.D

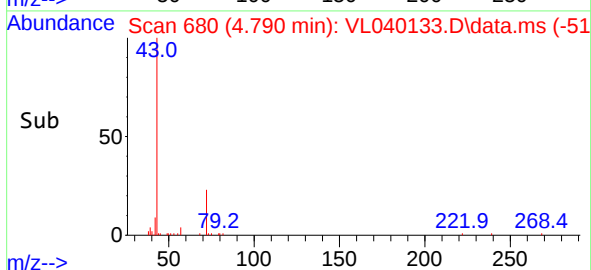
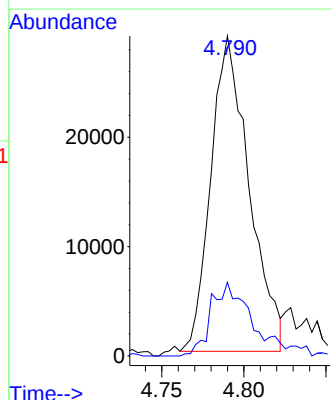
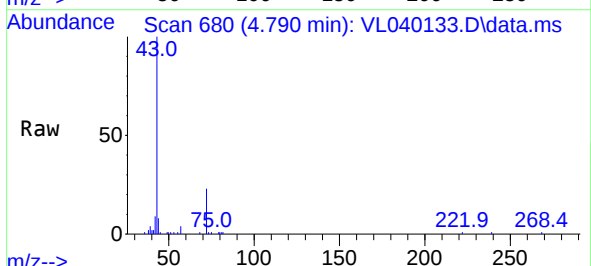
Acq: 30 Jan 2023 15:16

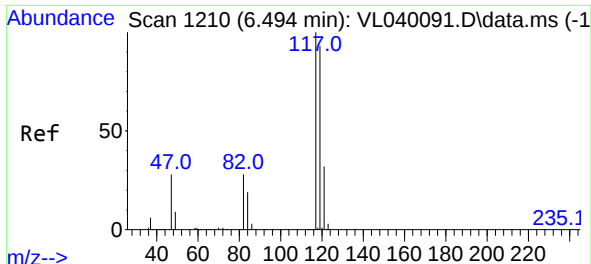
Tgt Ion: 43 Resp: 46863

Ion Ratio Lower Upper

43 100

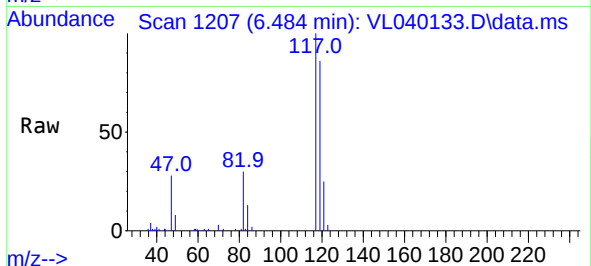
72 25.6 18.4 27.6





#35
Carbon Tetrachloride
Concen: 0.461 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

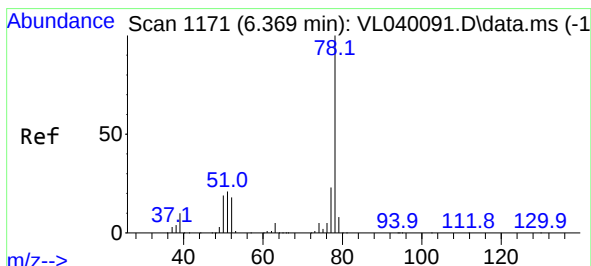
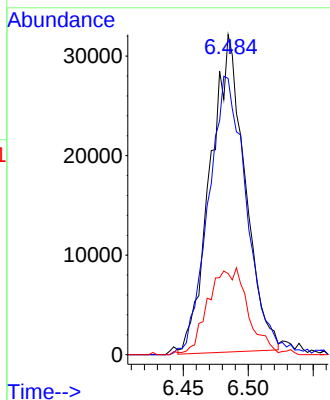
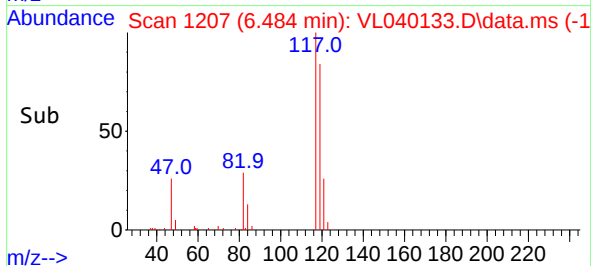
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



Tgt Ion: 117 Resp: 5926
Ion Ratio Lower Upper
117 100
119 85.6 74.5 111.7
121 25.1 25.4 38.0

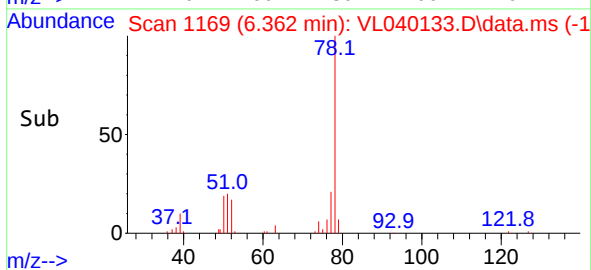
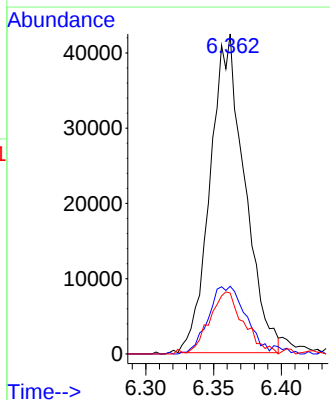
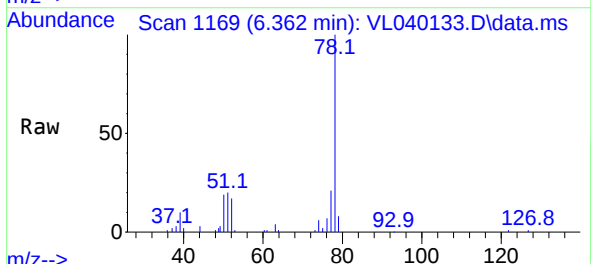
Manual Integrations
APPROVED

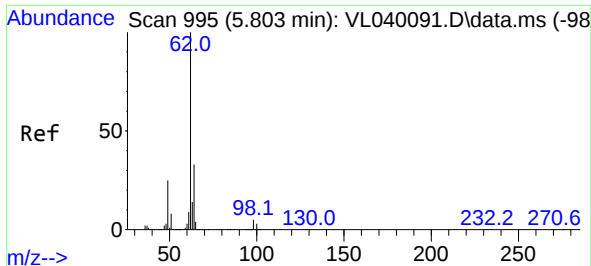
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#36
Benzene
Concen: 0.444 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion: 78 Resp: 74724
Ion Ratio Lower Upper
78 100
77 21.2 18.1 27.1
50 19.1 15.6 23.4





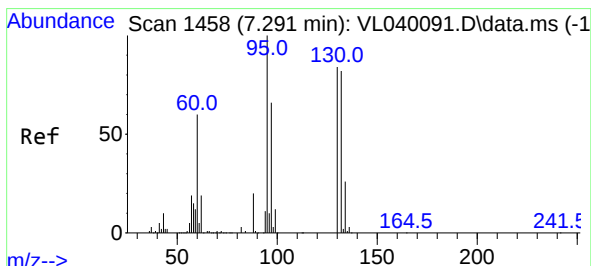
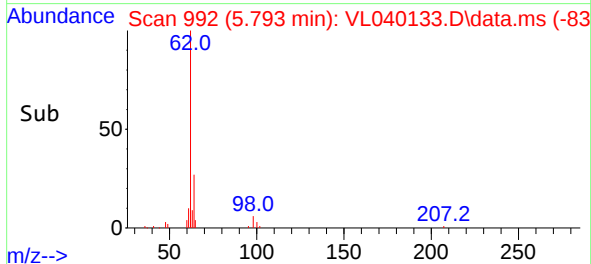
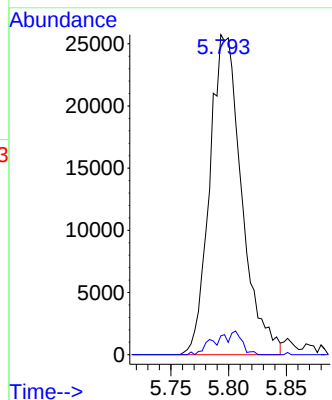
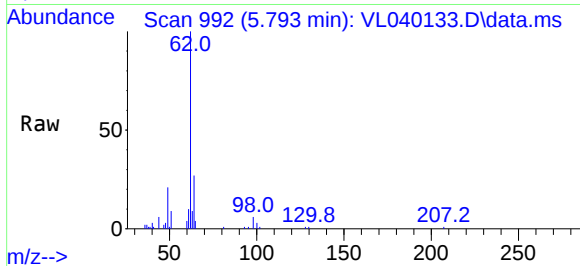
#37
1,2-Dichloroethane
Concen: 0.458 ppbv
RT: 5.793 min Scan# 995
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022

Tgt Ion: 62 Resp: 49532
Ion Ratio Lower Upper
62 100
98 6.1 4.4 6.6

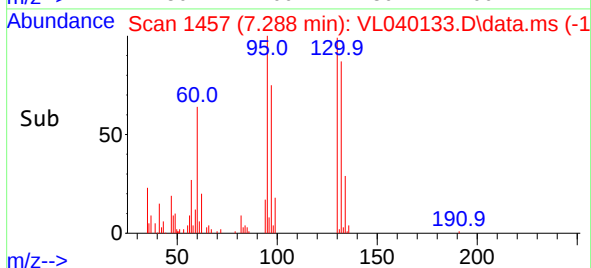
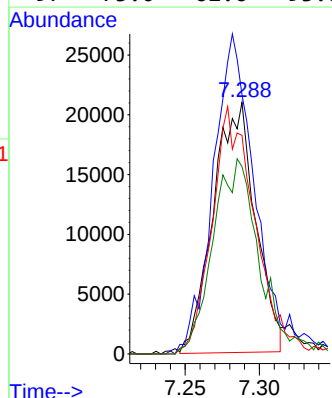
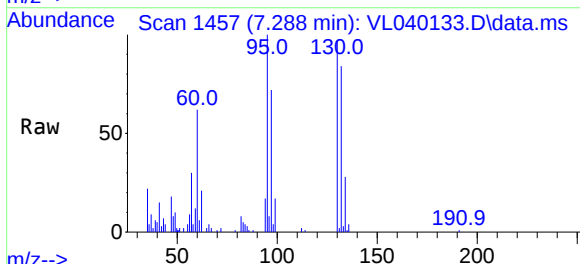
Manual Integrations
APPROVED

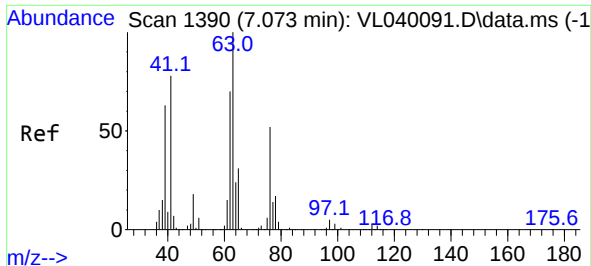
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#38
Trichloroethene
Concen: 0.433 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. 0.010 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion:130 Resp: 41387
Ion Ratio Lower Upper
130 100
95 100.1 95.0 142.6
132 85.4 77.9 116.9
97 73.0 62.6 93.8





#39

1,2-Dichloropropane

Concen: 0.466 ppbv m

RT: 7.063 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2022

Tgt Ion: 63 Resp: 3068

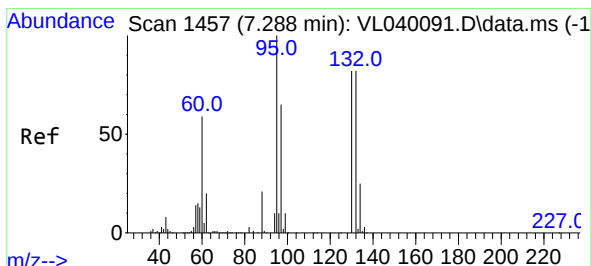
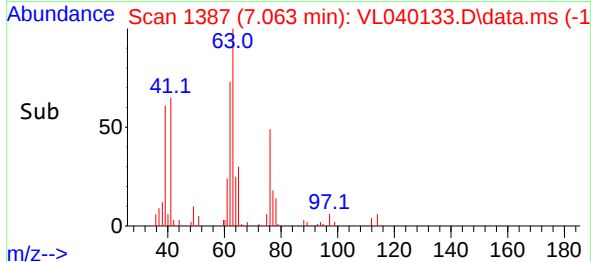
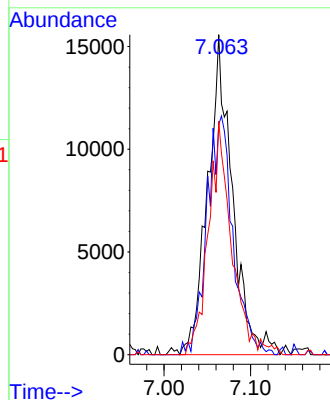
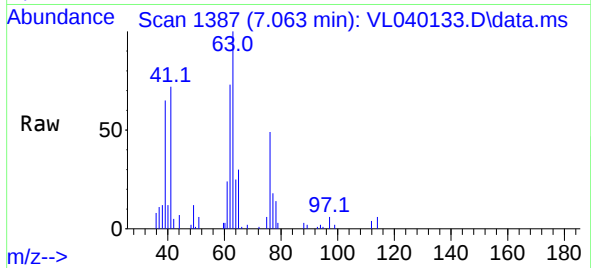
Ion	Ratio	Lower	Upper
63	100		
41	71.9	62.2	93.4
62	72.9	55.8	83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#40

1,4-Dioxane

Concen: 0.490 ppbv m

RT: 7.317 min Scan# 1466

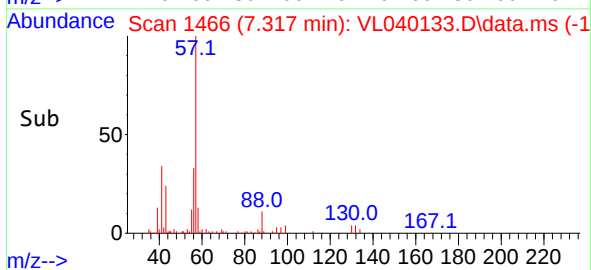
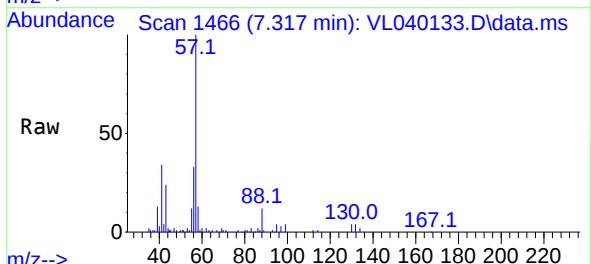
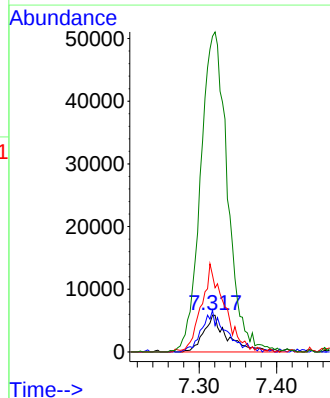
Delta R.T. 0.042 min

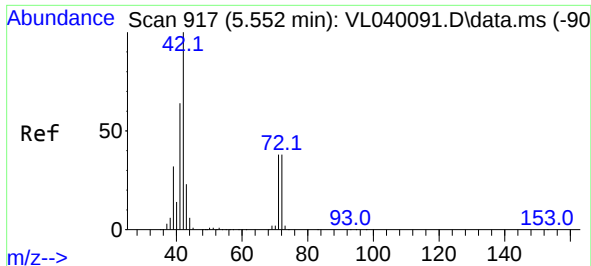
Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Tgt Ion: 88 Resp: 12812

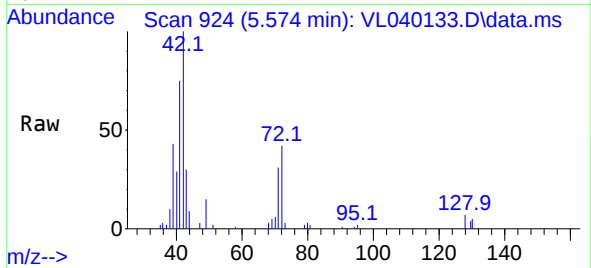
Ion	Ratio	Lower	Upper
88	100		
58	0.0	97.5	146.3#
43	0.0	195.0	292.4#
57	0.0	848.5	1272.7#





#41
Tetrahydrofuran
Concen: 0.387 ppbv
RT: 5.574 min Scan# 917
Delta R.T. 0.032 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

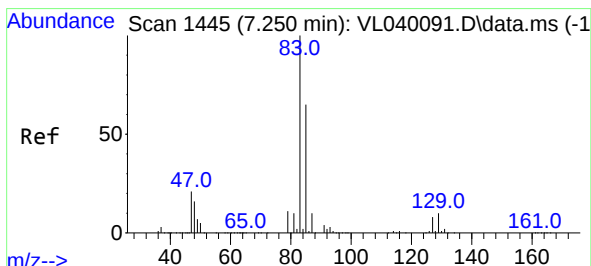
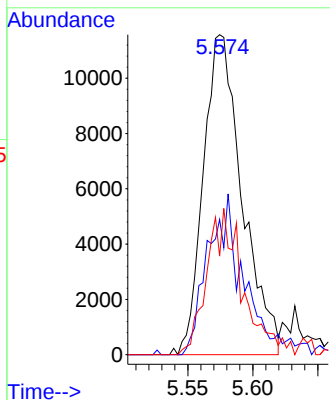
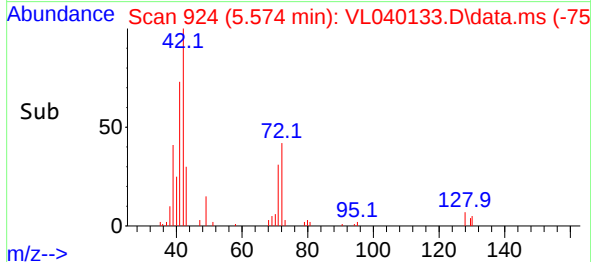
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



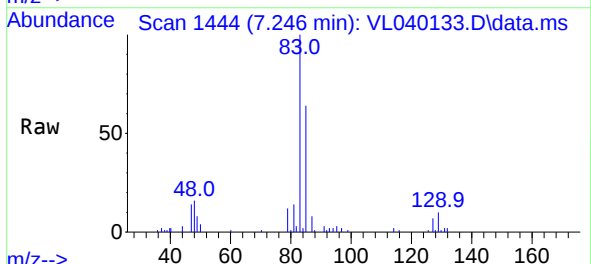
Tgt Ion: 42 Resp: 2404
Ion Ratio Lower Upper
42 100
72 46.5 31.9 47.9
71 44.0 31.4 47.2

Manual Integrations
APPROVED

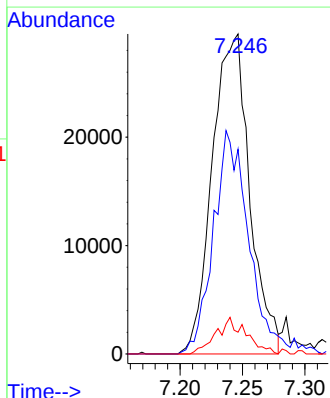
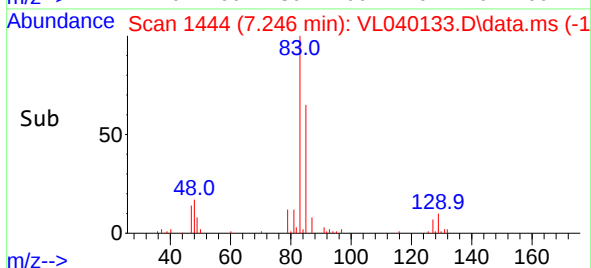
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

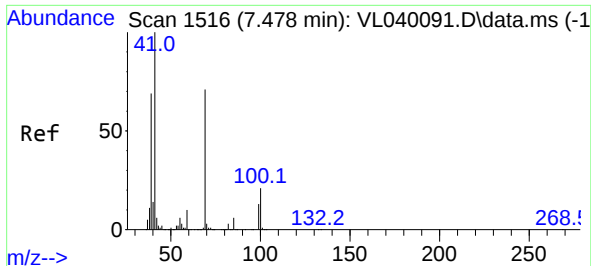


#42
Bromodichloromethane
Concen: 0.422 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. 0.010 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16



Tgt Ion: 83 Resp: 61731
Ion Ratio Lower Upper
83 100
85 63.9 51.7 77.5
127 6.8 6.2 9.2





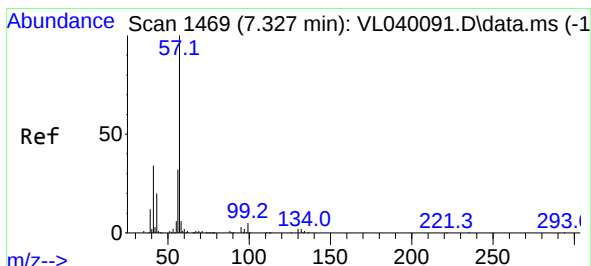
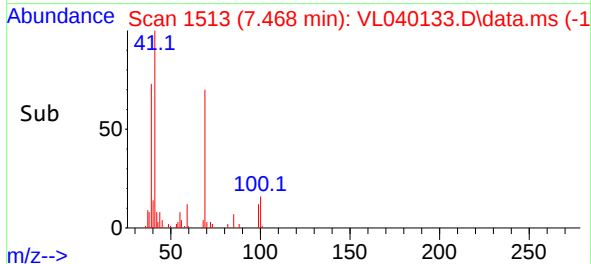
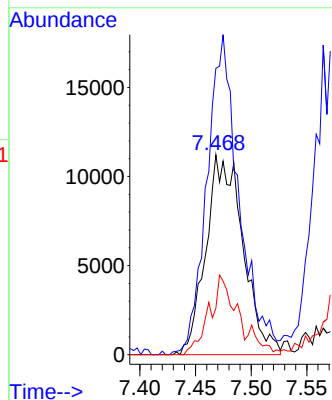
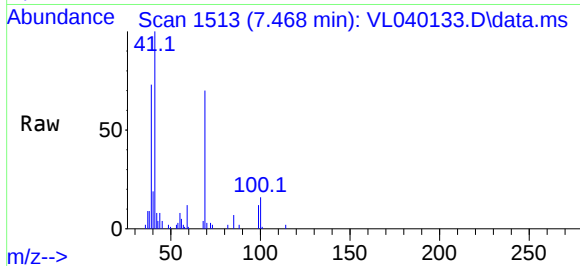
#43
Methyl Methacrylate
Concen: 0.419 ppbv
RT: 7.468 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022

Tgt Ion: 69 Resp: 2586
Ion Ratio Lower Upper
69 100
41 0.0 118.2 177.2
100 0.0 24.2 36.4

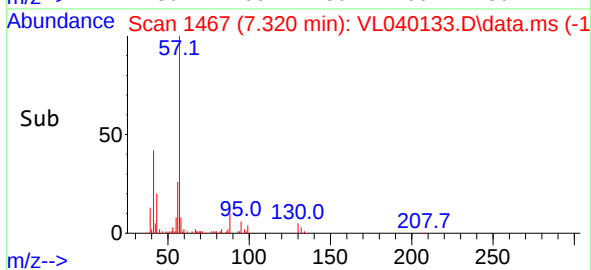
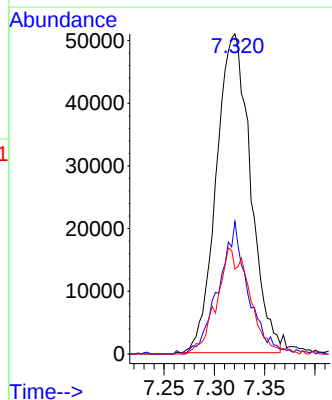
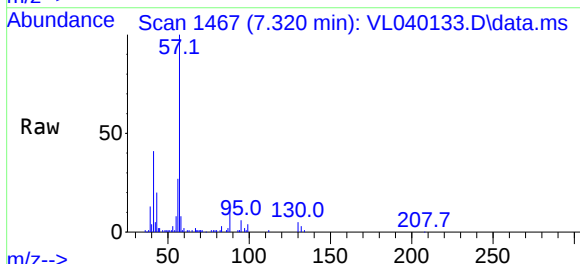
Manual Integrations
APPROVED

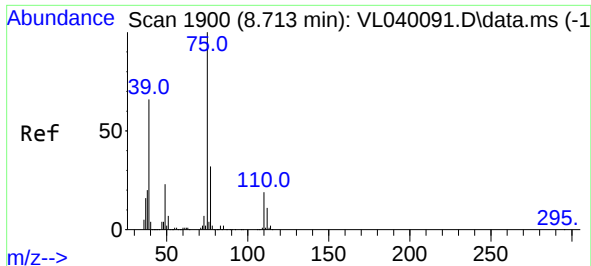
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#44
2,2,4-Trimethylpentane
Concen: 0.429 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.007 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

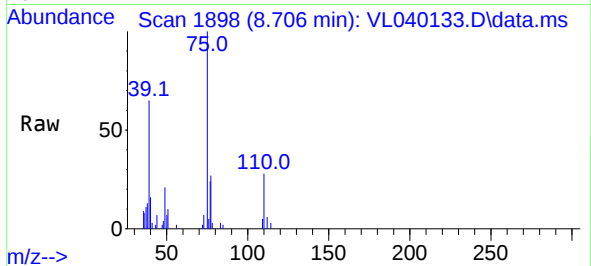
Tgt Ion: 57 Resp: 120126
Ion Ratio Lower Upper
57 100
41 36.3 27.1 40.7
56 32.7 25.0 37.4





#45
t-1,3-Dichloropropene
Concen: 0.345 ppbv m
RT: 8.706 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

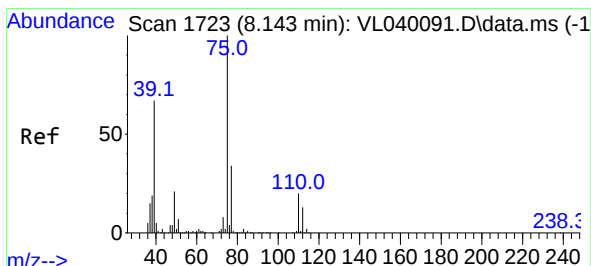
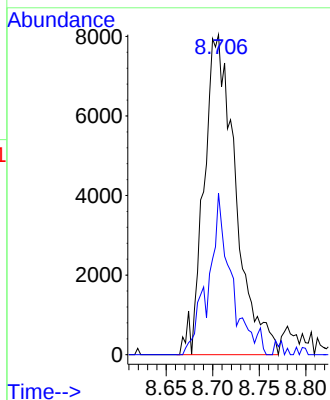
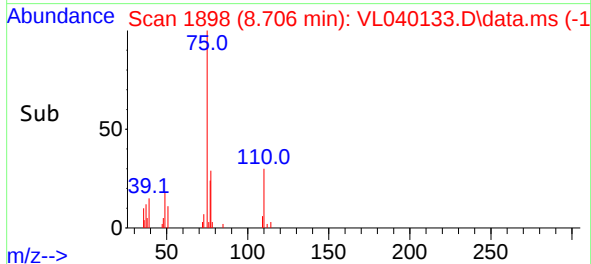
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



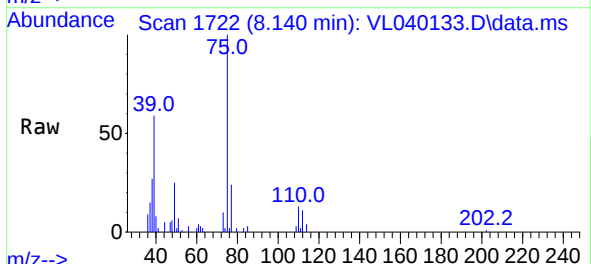
Tgt Ion: 75 Resp: 18984
Ion Ratio Lower Upper
75 100
77 26.7 25.6 38.4

Manual Integrations
APPROVED

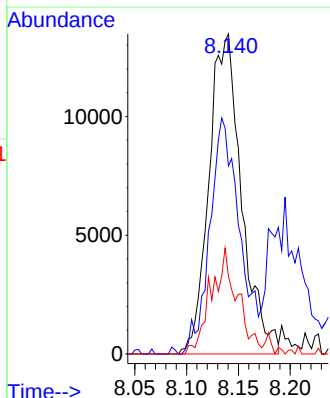
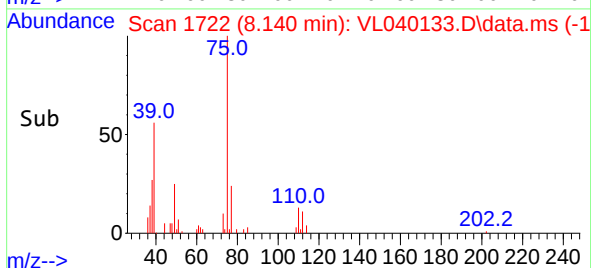
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

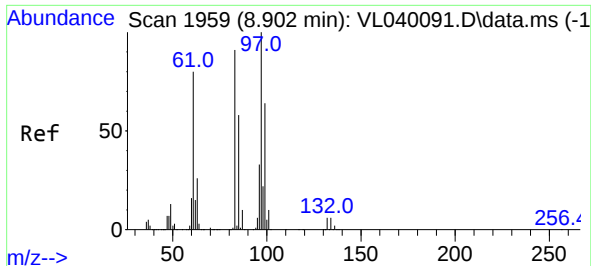


#46
cis-1,3-Dichloropropene
Concen: 0.391 ppbv m
RT: 8.140 min Scan# 1722
Delta R.T. 0.010 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16



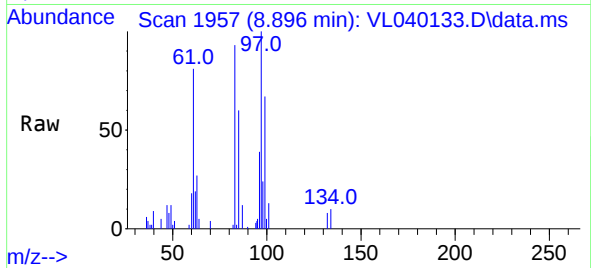
Tgt Ion: 75 Resp: 29416
Ion Ratio Lower Upper
75 100
39 58.7 53.6 80.4
77 24.3 26.9 40.3#





#47
1,1,2-Trichloroethane
Concen: 0.490 ppbv
RT: 8.896 min Scan# 1959
Delta R.T. 0.010 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

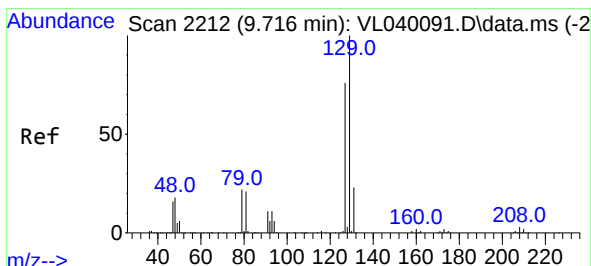
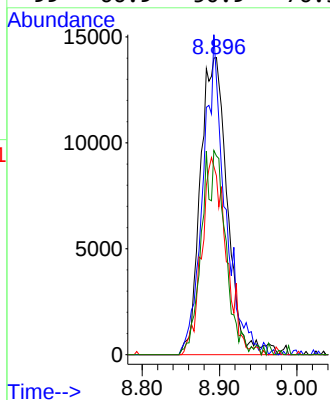
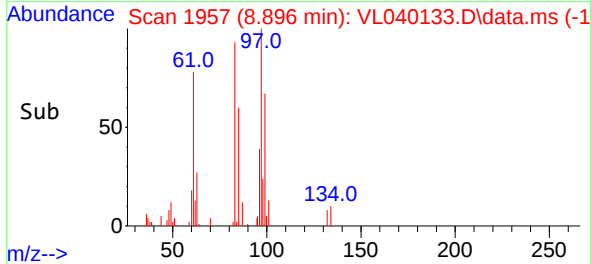
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



Tgt Ion: 97 Resp: 3400
Ion Ratio Lower Upper
97 100
83 92.7 72.9 109.3
85 60.2 46.0 69.0
99 66.9 50.9 76.3

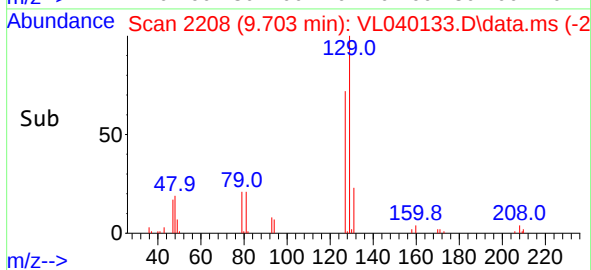
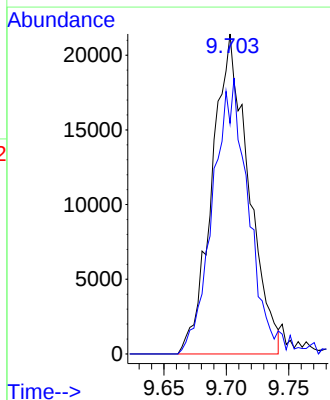
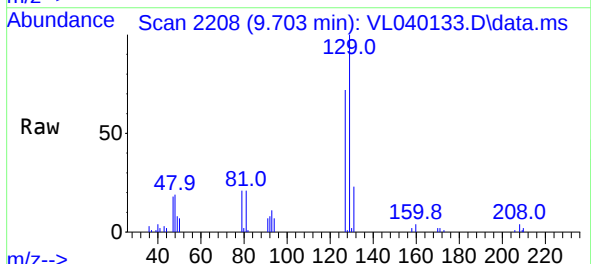
Manual Integrations
APPROVED

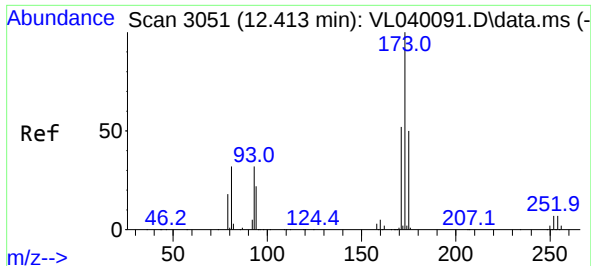
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#48
Dibromochloromethane
Concen: 0.392 ppbv
RT: 9.703 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

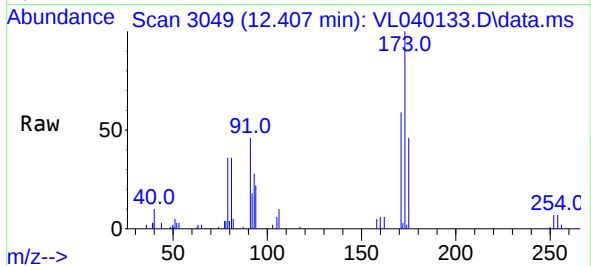
Tgt Ion:129 Resp: 43657
Ion Ratio Lower Upper
129 100
127 85.8 39.3 117.9





#49
Bromoform
Concen: 0.382 ppbv m
RT: 12.407 min Scan# 3051
Delta R.T. 0.010 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

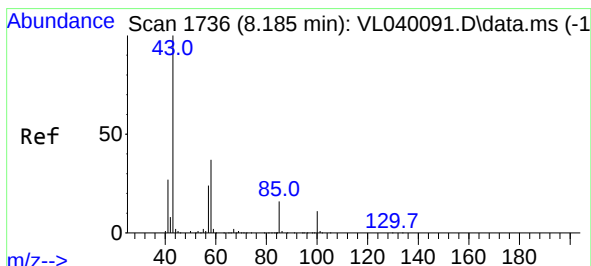
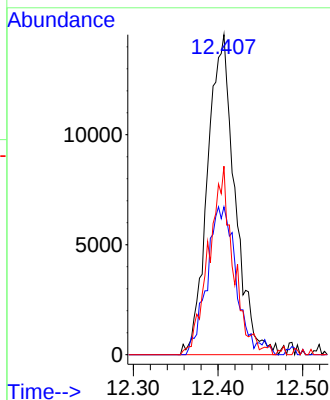
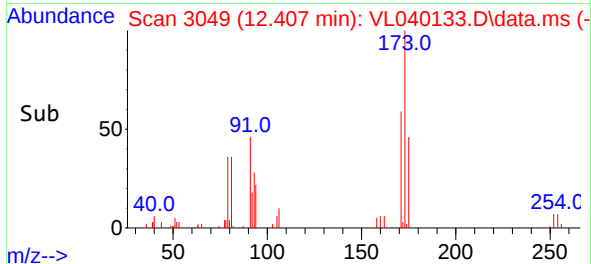
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



Tgt Ion: 173 Resp: 32829
Ion Ratio Lower Upper
173 100
175 49.6 39.7 59.5
171 53.6 42.2 63.2

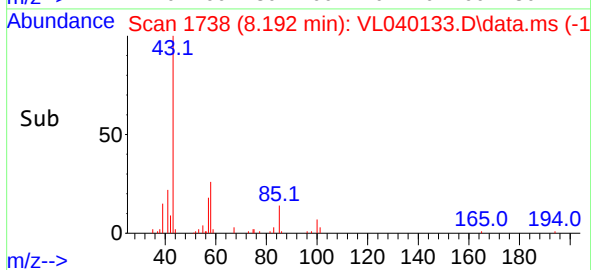
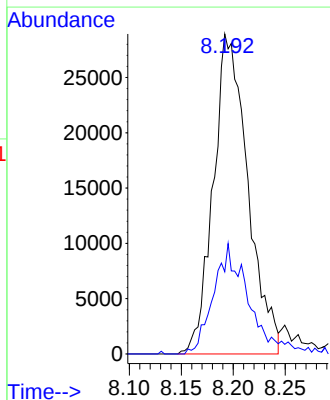
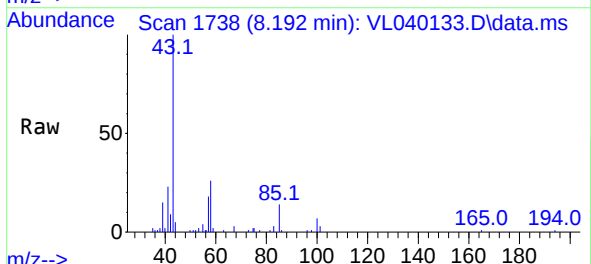
Manual Integrations
APPROVED

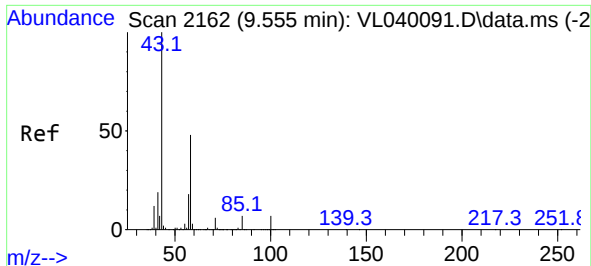
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#50
4-Methyl-2-Pentanone
Concen: 0.395 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.023 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

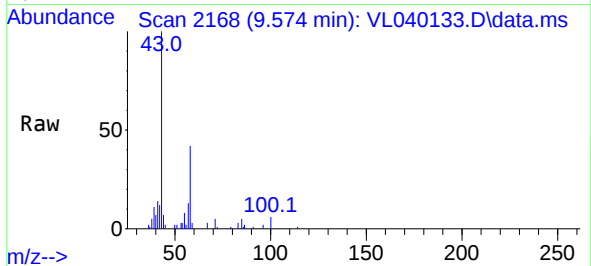
Tgt Ion: 43 Resp: 66831
Ion Ratio Lower Upper
43 100
58 35.6 28.8 43.2





#51
2-Hexanone
Concen: 0.356 ppbv m
RT: 9.574 min Scan# 2162
Delta R.T. 0.032 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

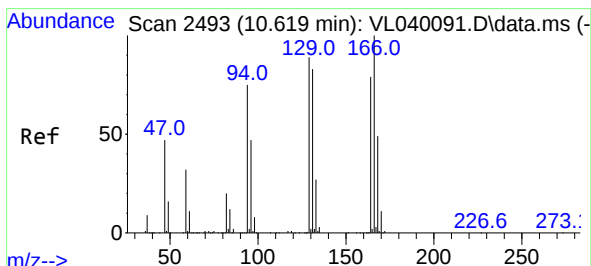
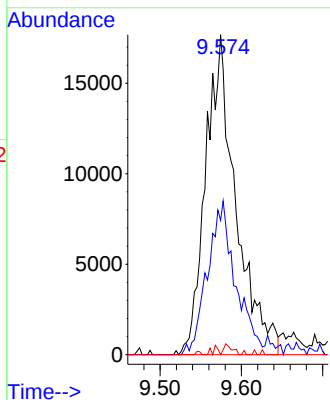
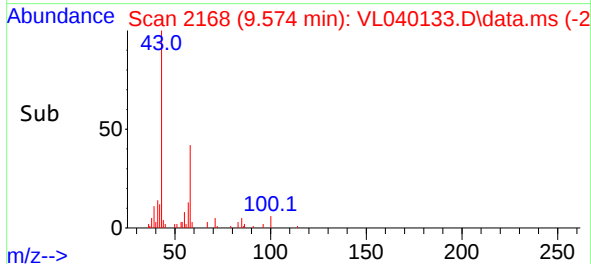
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



Tgt Ion: 43 Resp: 4568
Ion Ratio Lower Upper
43 100
58 0.0 37.5 56.3
98 0.0 0.4 0.6

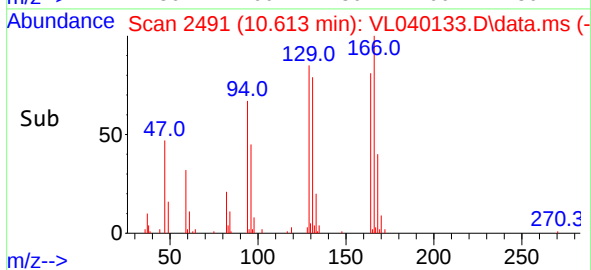
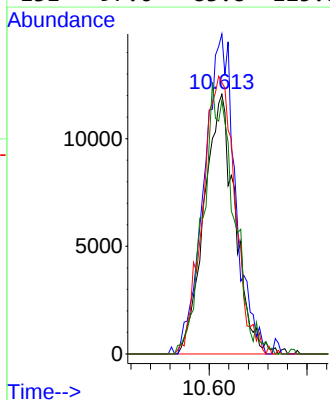
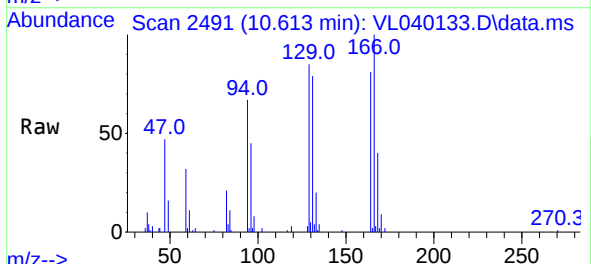
Manual Integrations
APPROVED

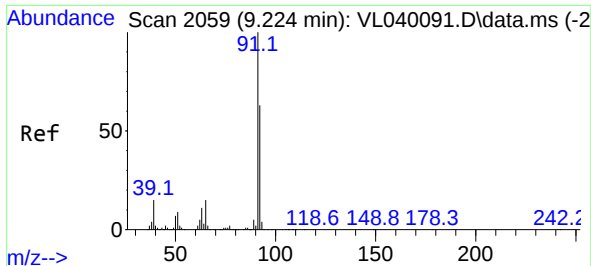
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#52
Tetrachloroethene
Concen: 0.482 ppbv m
RT: 10.613 min Scan# 2491
Delta R.T. 0.007 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

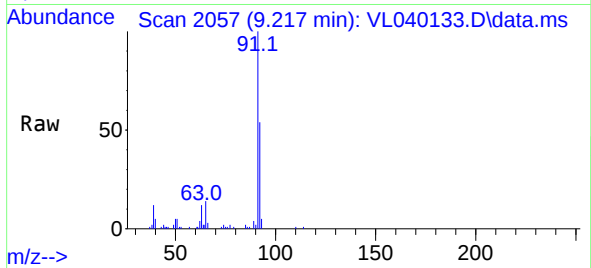
Tgt Ion:164 Resp: 26554
Ion Ratio Lower Upper
164 100
166 123.2 101.2 151.8
129 104.5 90.2 135.2
131 97.6 83.8 125.8





#53
Toluene
Concen: 0.398 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.007 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

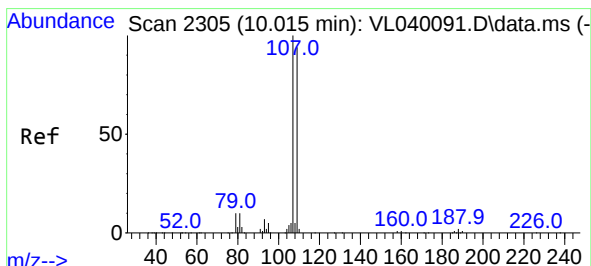
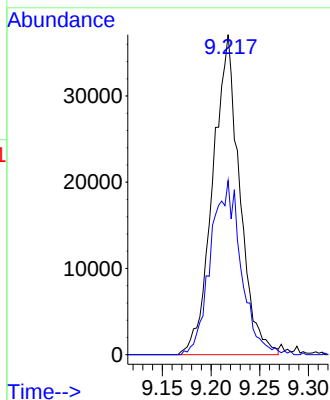
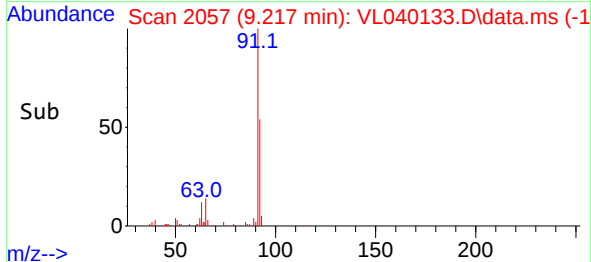
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



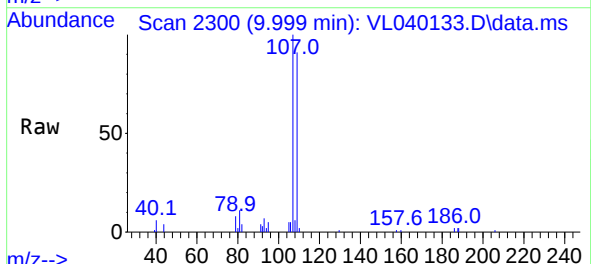
Tgt Ion: 91 Resp: 7141
Ion Ratio Lower Upper
91 100
92 61.5 48.3 72.5

Manual Integrations
APPROVED

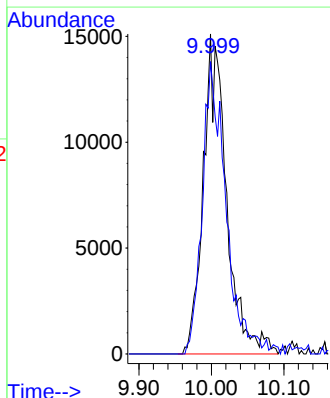
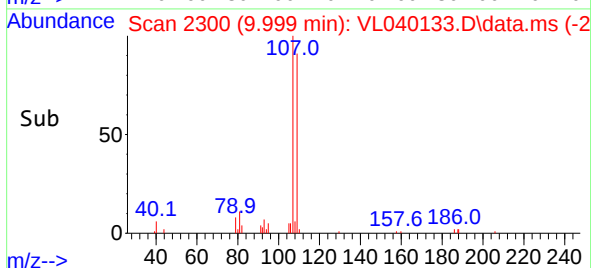
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

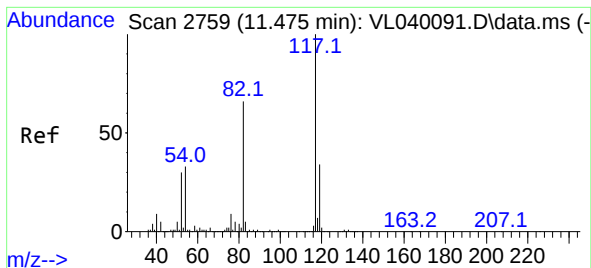


#54
1,2-Dibromoethane
Concen: 0.468 ppbv m
RT: 9.999 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16



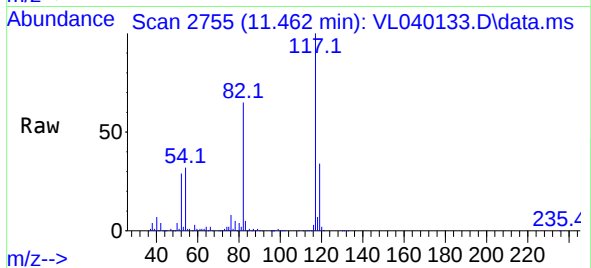
Tgt Ion:107 Resp: 33932
Ion Ratio Lower Upper
107 100
109 91.3 75.0 112.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

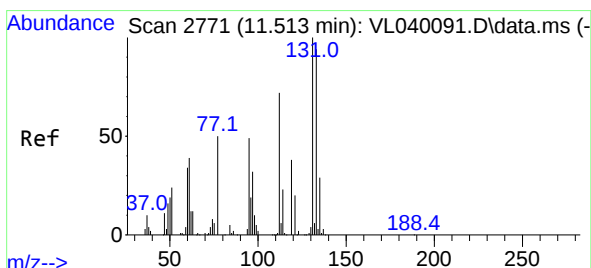
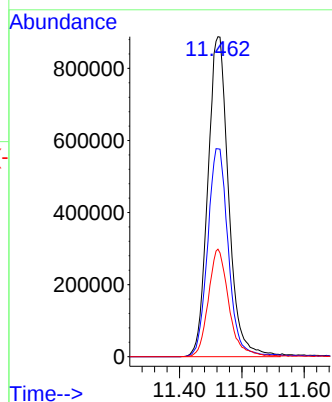
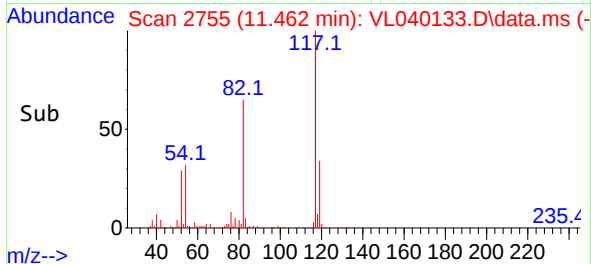
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



Tgt Ion:117 Resp: 205060
Ion Ratio Lower Upper
117 100
82 65.6 54.4 81.6
119 33.5 26.8 40.2

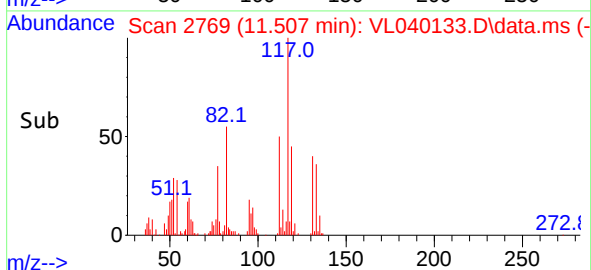
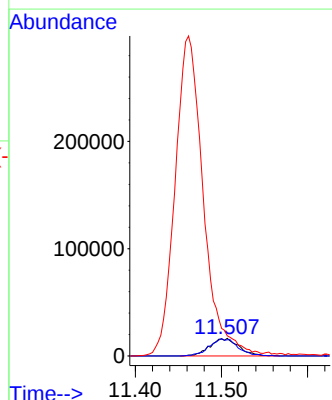
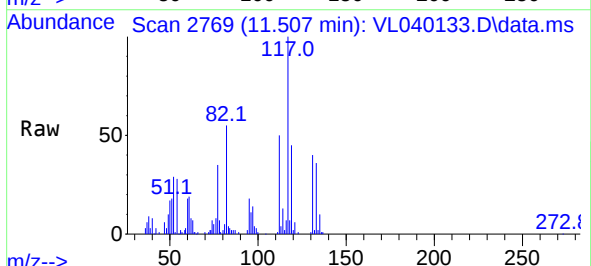
Manual Integrations
APPROVED

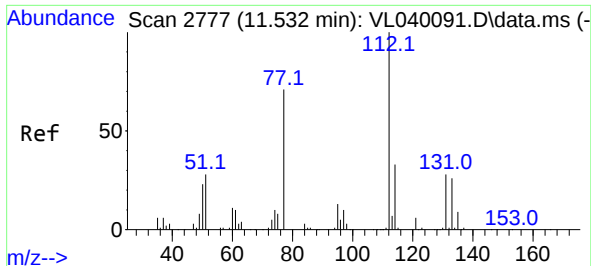
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 0.479 ppbv m
RT: 11.507 min Scan# 2769
Delta R.T. 0.007 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion:131 Resp: 38257
Ion Ratio Lower Upper
131 100
133 0.0 75.6 113.4#
119 0.0 47.2 70.8#





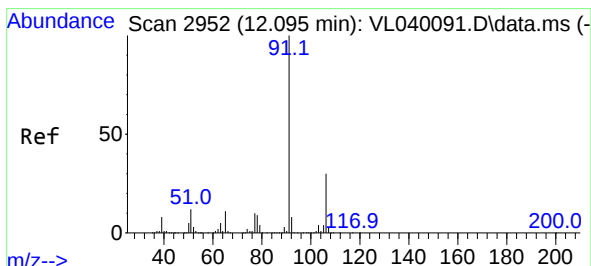
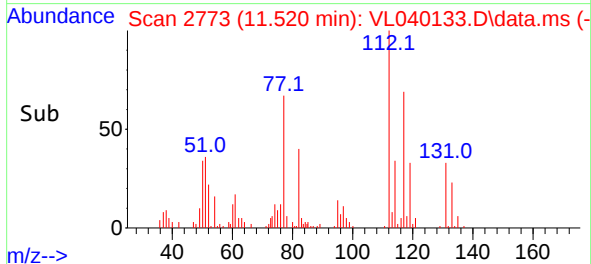
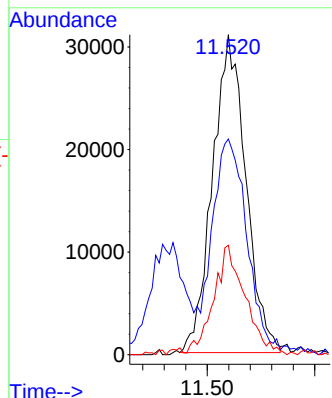
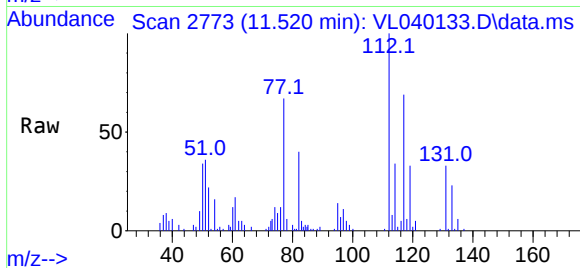
#57
Chlorobenzene
Concen: 0.477 ppbv
RT: 11.520 min Scan# 2112
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022

Tgt Ion:112 Resp: 66744
Ion Ratio Lower Upper
112 100
77 66.4 57.3 85.9
114 33.1 29.6 36.2

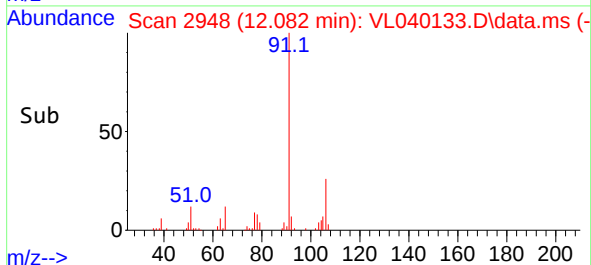
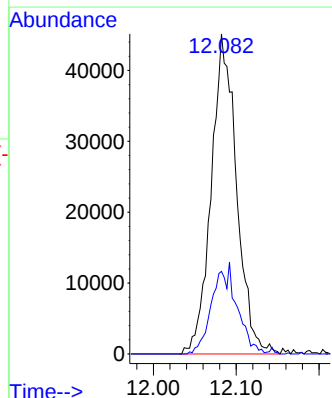
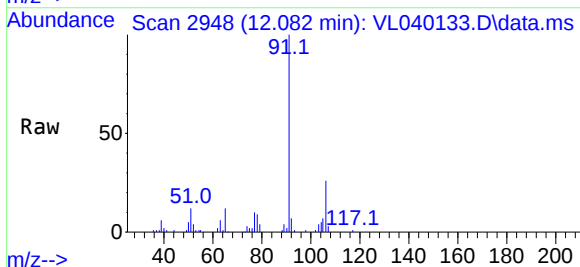
Manual Integrations
APPROVED

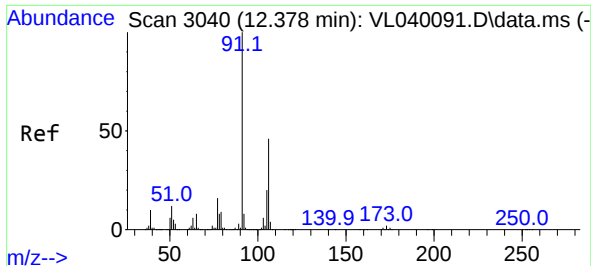
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#58
Ethyl Benzene
Concen: 0.420 ppbv m
RT: 12.082 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Tgt Ion: 91 Resp: 96045
Ion Ratio Lower Upper
91 100
106 25.8 23.7 35.5





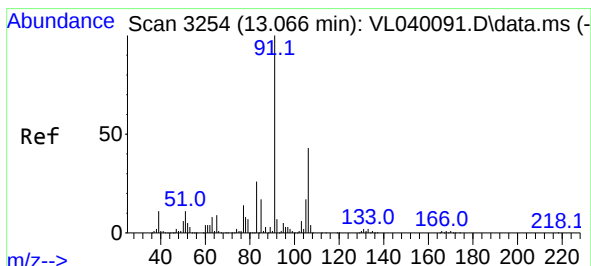
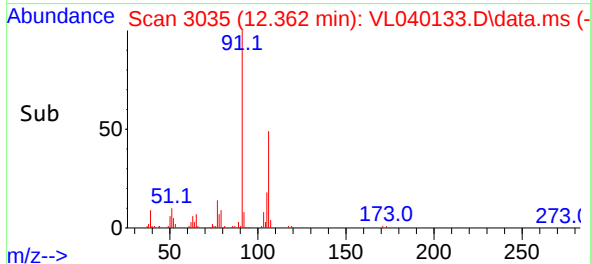
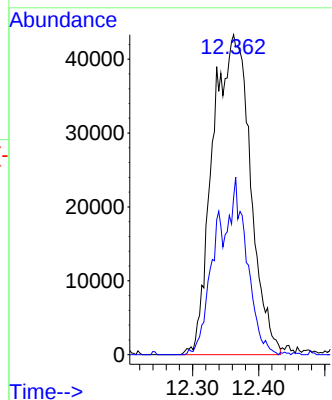
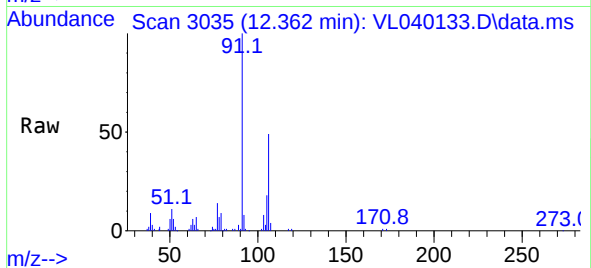
#59
m/p-Xylene
Concen: 0.834 ppbv m
RT: 12.362 min Scan# 3040
Delta R.T. -0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022

Tgt Ion: 91 Resp: 17153
Ion Ratio Lower Upper
91 100
106 44.3 34.2 51.4

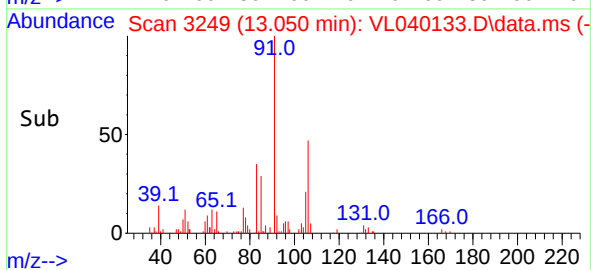
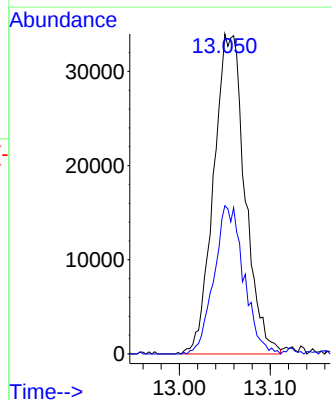
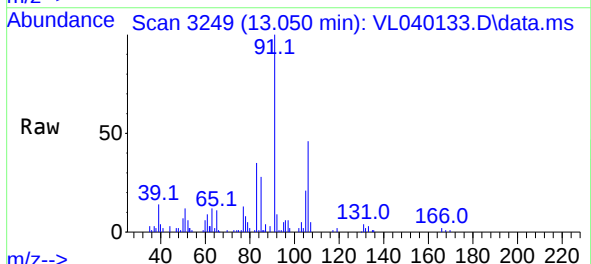
Manual Integrations
APPROVED

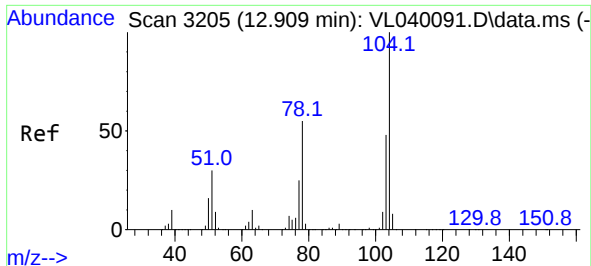
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#60
o-Xylene
Concen: 0.416 ppbv m
RT: 13.050 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

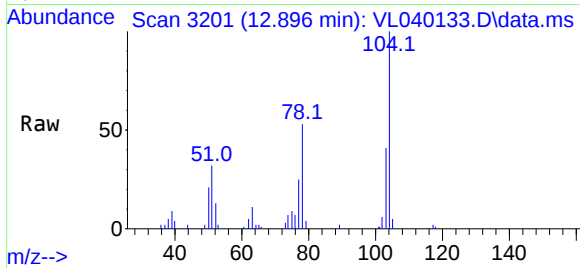
Tgt Ion: 91 Resp: 81183
Ion Ratio Lower Upper
91 100
106 44.1 21.6 64.8





#61
Styrene
Concen: 0.358 ppbv m
RT: 12.896 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

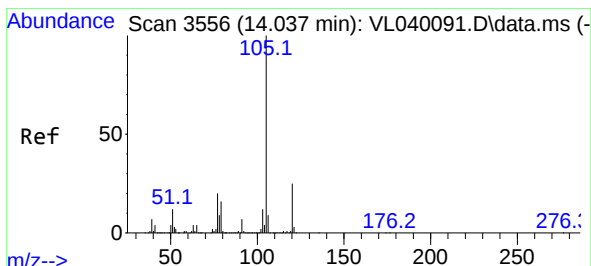
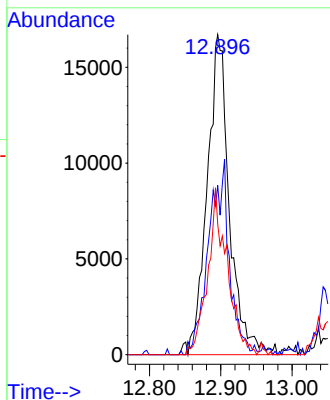
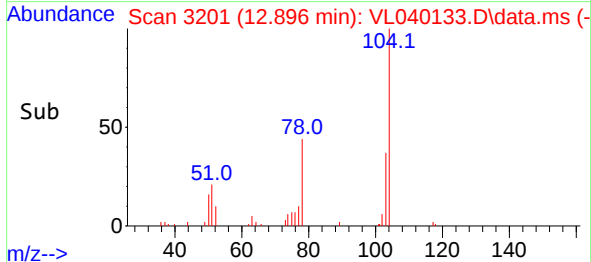
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



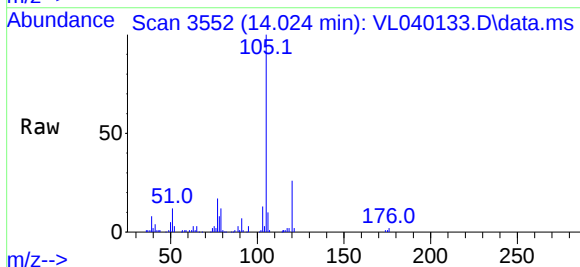
Tgt Ion:104 Resp: 3642
Ion Ratio Lower Upper
104 100
78 57.9 44.0 66.0
103 46.2 37.8 56.6

Manual Integrations
APPROVED

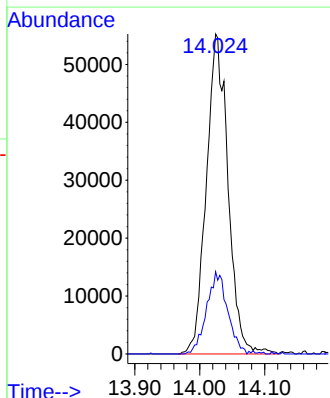
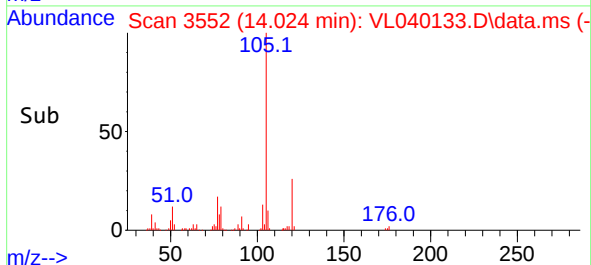
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

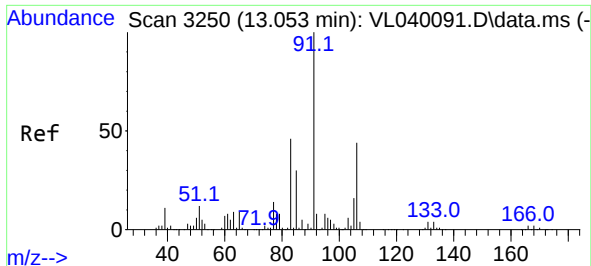


#62
Isopropylbenzene
Concen: 0.455 ppbv m
RT: 14.024 min Scan# 3552
Delta R.T. 0.000 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16



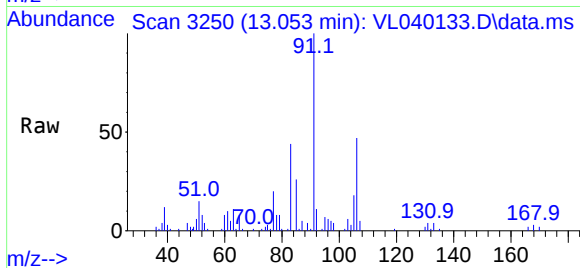
Tgt Ion:105 Resp: 127889
Ion Ratio Lower Upper
105 100
120 25.1 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.478 ppbv m
RT: 13.053 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

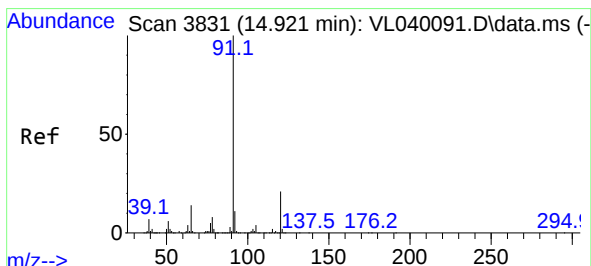
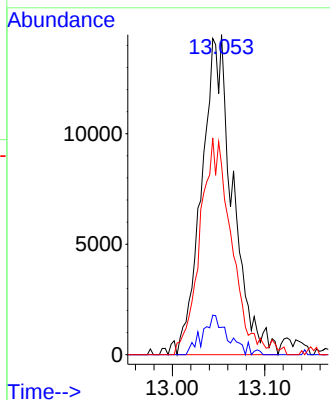
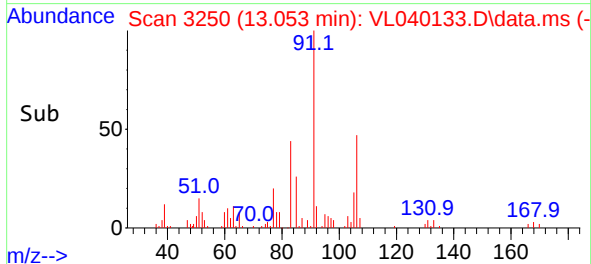
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



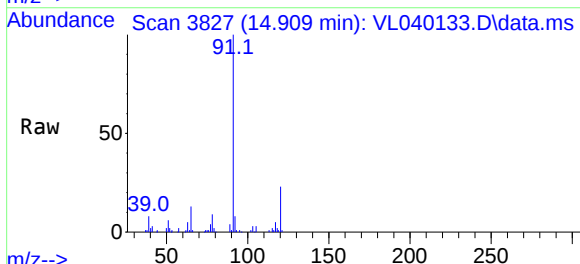
Tgt Ion: 83 Resp: 3387
Ion Ratio Lower Upper
83 100
131 10.3 4.3 13.1
85 69.2 32.5 97.5

Manual Integrations
APPROVED

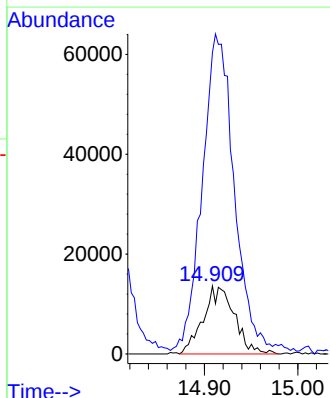
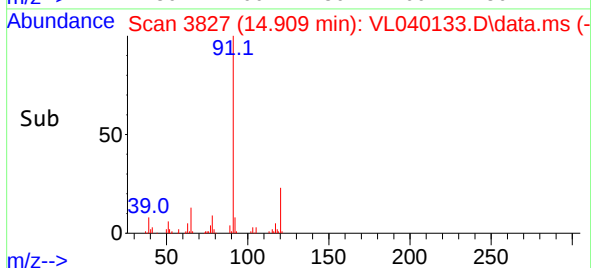
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

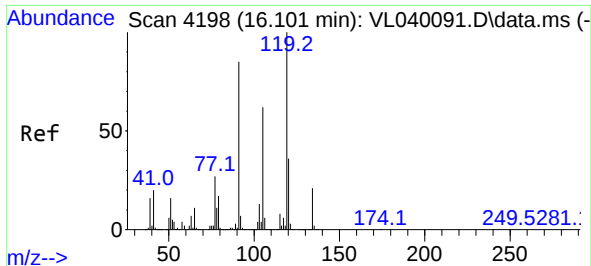


#64
n-propylbenzene
Concen: 0.452 ppbv m
RT: 14.909 min Scan# 3827
Delta R.T. -0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16



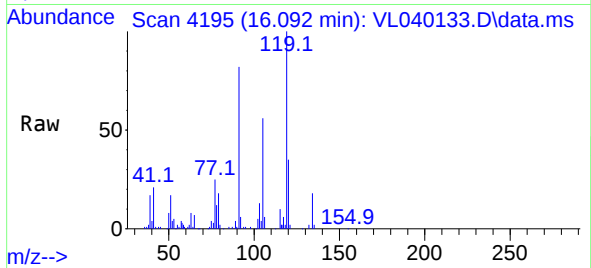
Tgt Ion:120 Resp: 31592
Ion Ratio Lower Upper
120 100
91 492.1 397.0 595.4





#65
tert-Butylbenzene
Concen: 0.420 ppbv
RT: 16.092 min Scan# 4198
Delta R.T. 0.007 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

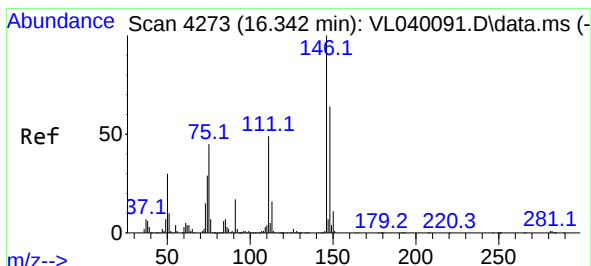
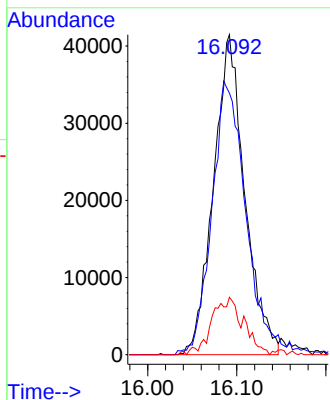
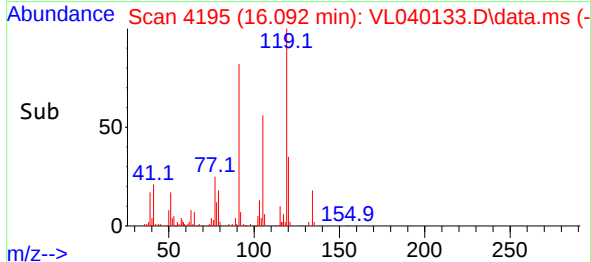
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



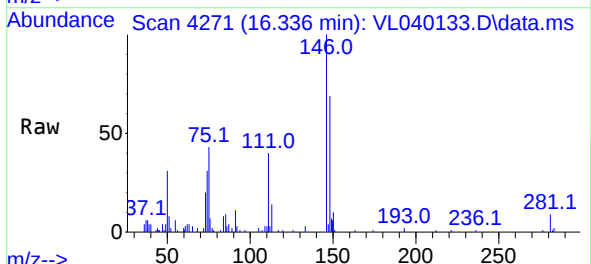
Tgt Ion: 119 Resp: 101128
Ion Ratio Lower Upper
119 100
91 94.5 69.5 104.3
134 18.9 15.8 23.8

Manual Integrations
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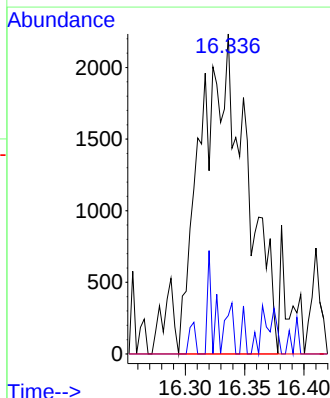
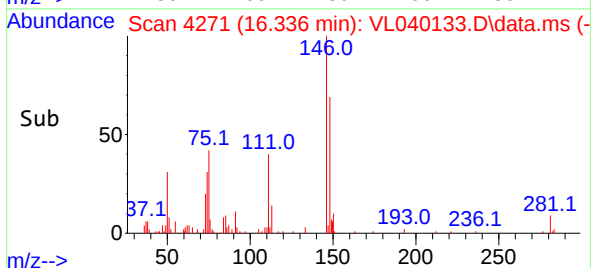
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

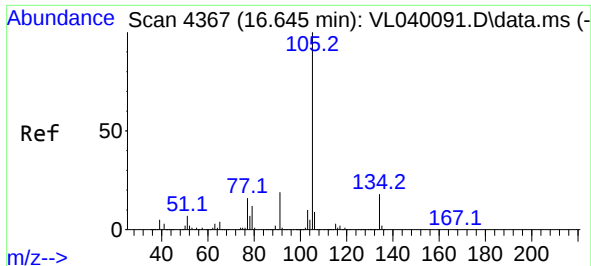


#66
Benzyl Chloride
Concen: 0.367 ppbv m
RT: 16.336 min Scan# 4271
Delta R.T. 0.013 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16



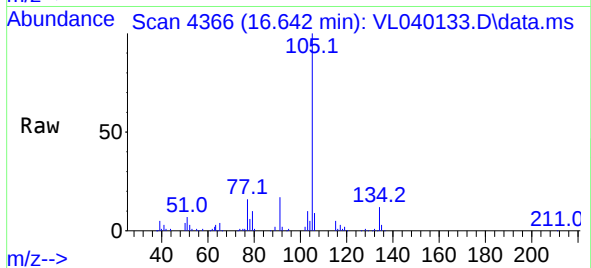
Tgt Ion: 91 Resp: 6028
Ion Ratio Lower Upper
91 100
126 8.8 11.5 17.3#
128 0.0 0.0 0.0





#67
sec-Butylbenzene
Concen: 0.418 ppbv m
RT: 16.642 min Scan# 4367
Delta R.T. 0.010 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

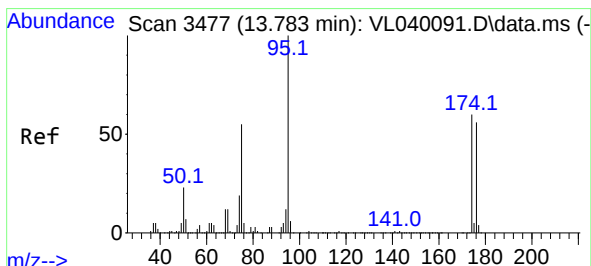
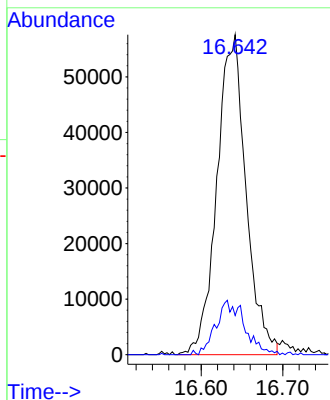
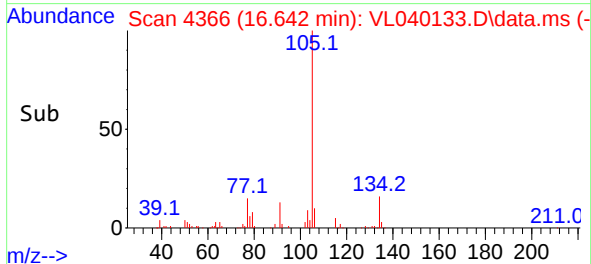
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



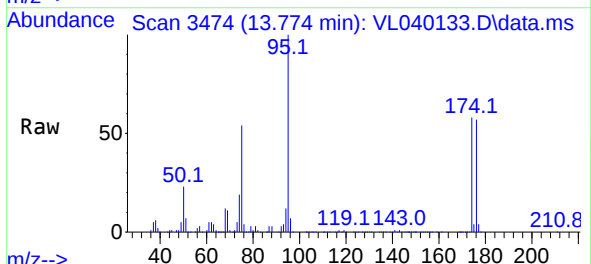
Tgt Ion: 105 Resp: 14261
Ion Ratio Lower Upper
105 100
134 17.0 14.1 21.1

Manual Integrations
APPROVED

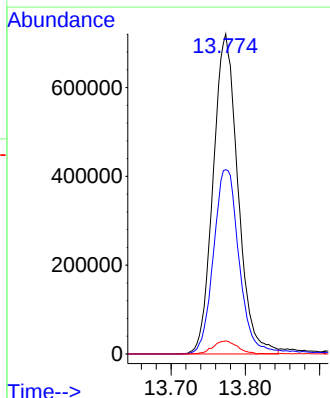
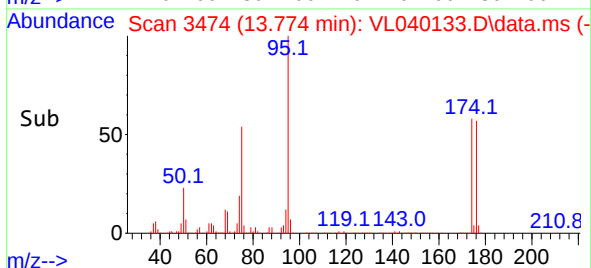
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

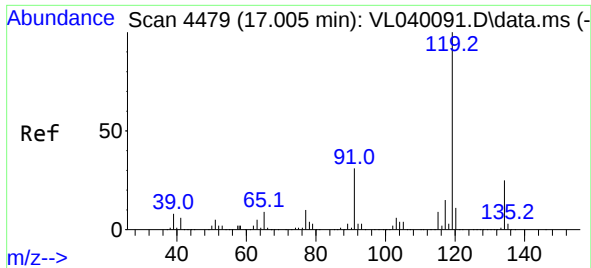


#68
1-Bromo-4-Fluorobenzene
Concen: 9.816 ppbv
RT: 13.774 min Scan# 3474
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16



Tgt Ion: 95 Resp: 1672892
Ion Ratio Lower Upper
95 100
174 61.0 47.7 71.5
175 4.1 3.4 5.2





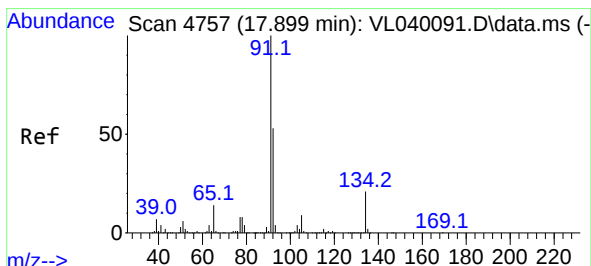
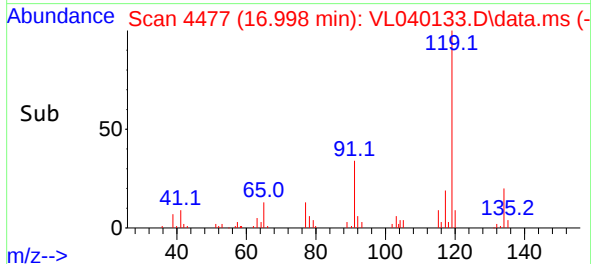
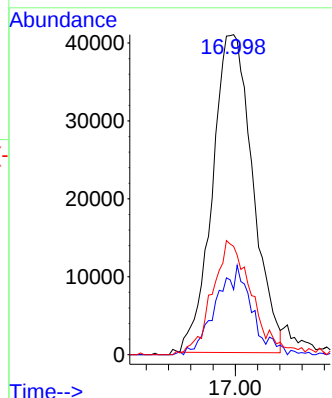
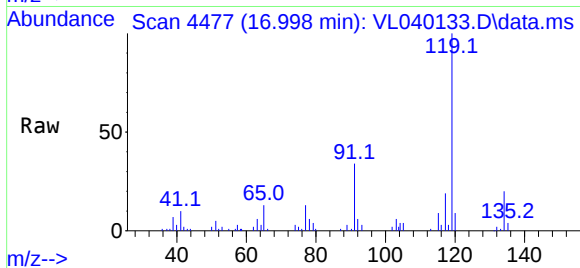
#69
p-Isopropyltoluene
Concen: 0.383 ppbv
RT: 16.998 min Scan# 4477
Delta R.T. 0.010 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022

Tgt Ion:119 Resp: 102539
Ion Ratio Lower Upper
119 100
134 25.5 20.1 30.1
91 36.2 25.0 37.4

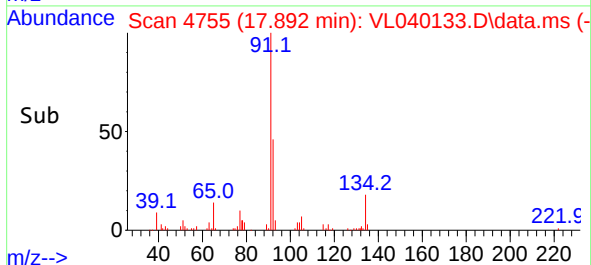
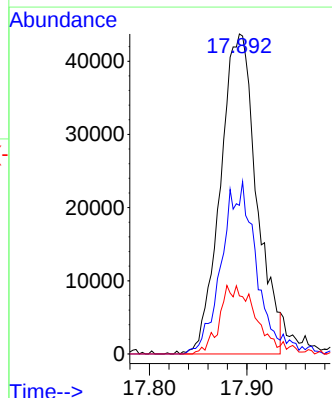
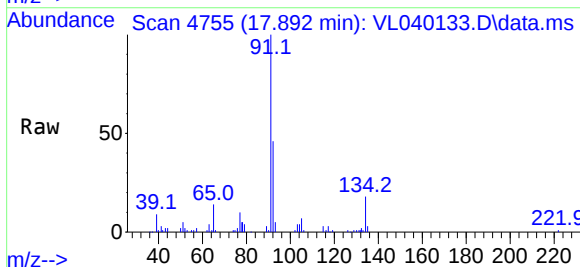
Manual Integrations
APPROVED

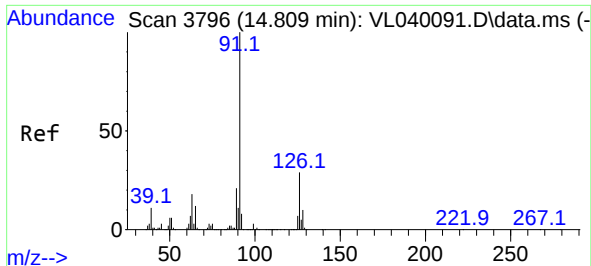
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#70
n-Butylbenzene
Concen: 0.391 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. 0.010 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

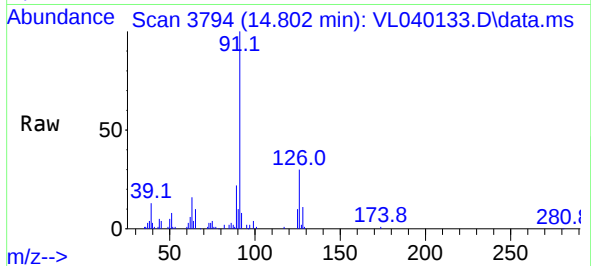
Tgt Ion: 91 Resp: 113103
Ion Ratio Lower Upper
91 100
92 52.8 42.8 64.2
134 22.1 16.9 25.3





#71
2-Chlorotoluene
Concen: 0.421 ppbv m
RT: 14.802 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

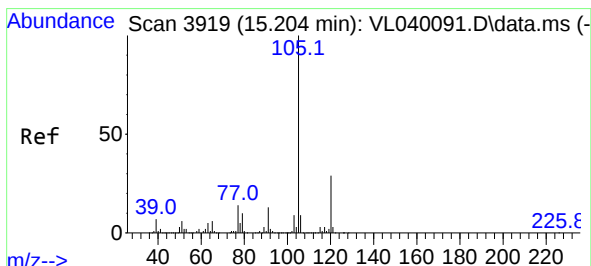
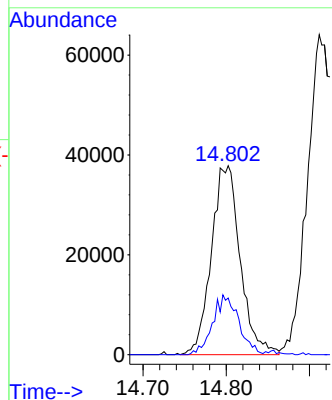
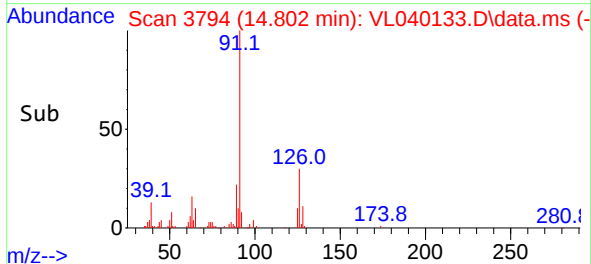
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



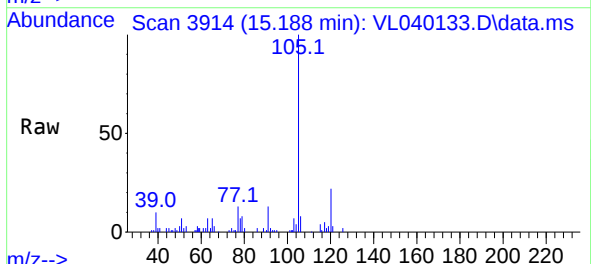
Tgt Ion: 91 Resp: 91029
Ion Ratio Lower Upper
91 100
126 2.5 11.9 47.5

Manual Integrations
APPROVED

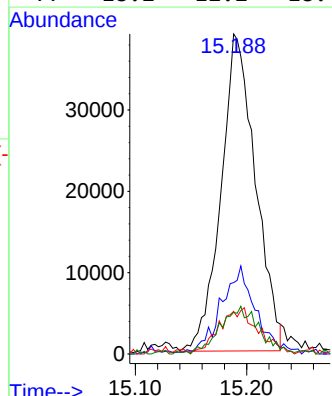
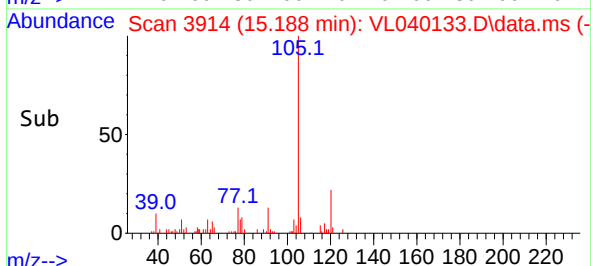
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

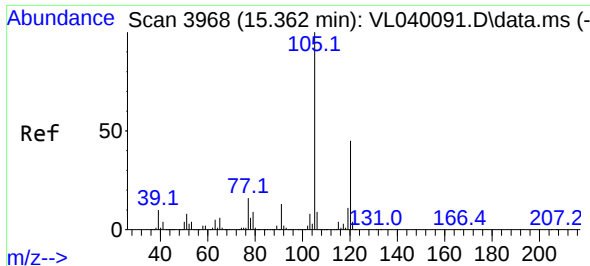


#72
4-Ethyltoluene
Concen: 0.387 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.000 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16



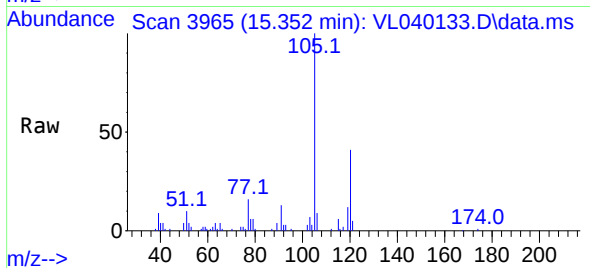
Tgt Ion:105 Resp: 83940
Ion Ratio Lower Upper
105 100
120 29.3 23.1 34.7
91 16.9 11.2 16.8#
77 18.2 12.2 18.4





#73
1,3,5-Trimethylbenzene
Concen: 0.388 ppbv
RT: 15.352 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

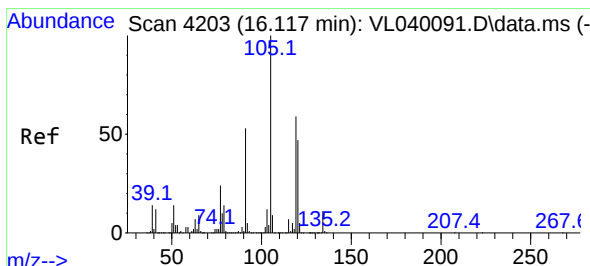
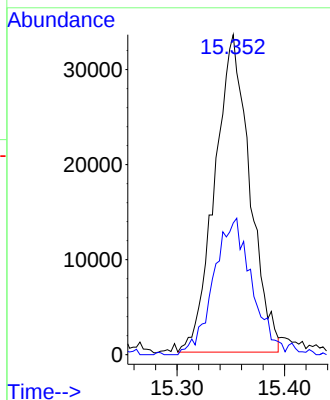
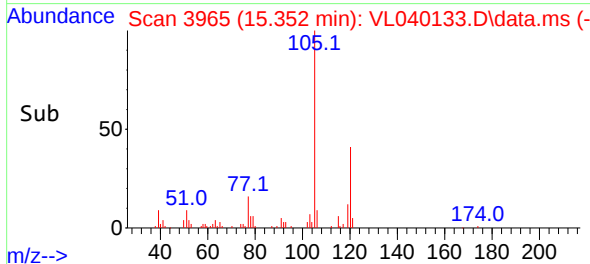
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



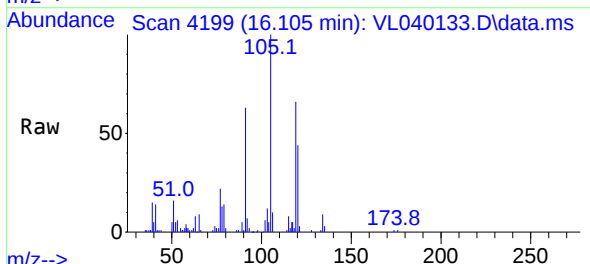
Tgt Ion:105 Resp: 75650
Ion Ratio Lower Upper
105 100
120 41.5 36.2 54.4

Manual Integrations
APPROVED

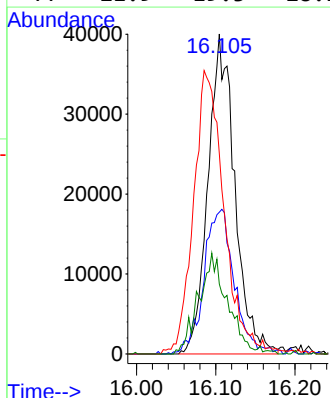
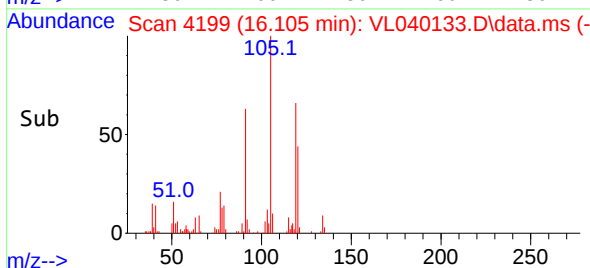
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

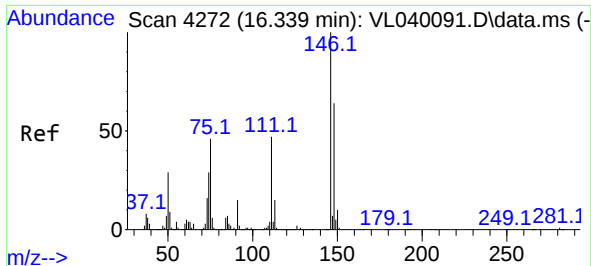


#74
1,2,4-Trimethylbenzene
Concen: 0.434 ppbv m
RT: 16.105 min Scan# 4199
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16



Tgt Ion:105 Resp: 93840
Ion Ratio Lower Upper
105 100
120 44.3 38.0 57.0
91 62.6 42.1 63.1
77 21.9 19.3 28.9





#75

1,3-Dichlorobenzene

Concen: 0.444 ppbv m

RT: 16.336 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

ClientSampleId :

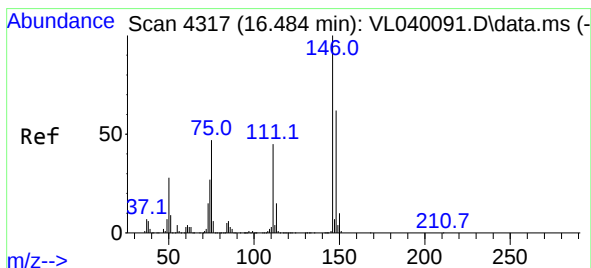
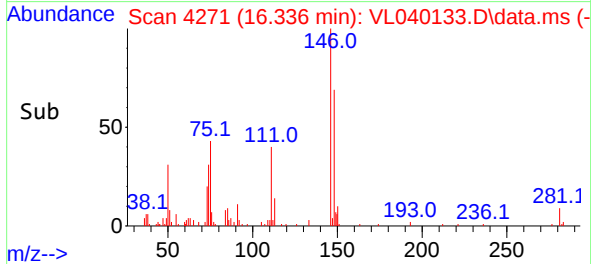
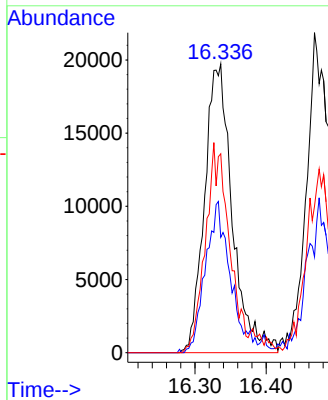
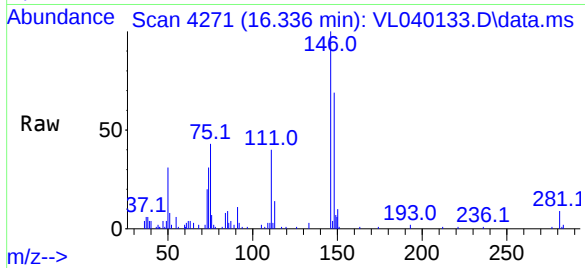
LOD-MDL-AIR-01-QT4-2022

Tgt Ion:146	Resp:	53360
Ion Ratio	Lower	Upper
146	100	
111	0.0	24.3
148	66.5	32.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#76

1,4-Dichlorobenzene

Concen: 0.452 ppbv m

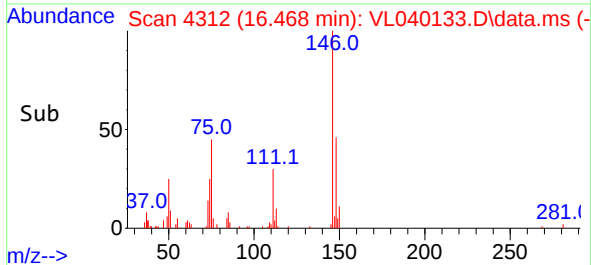
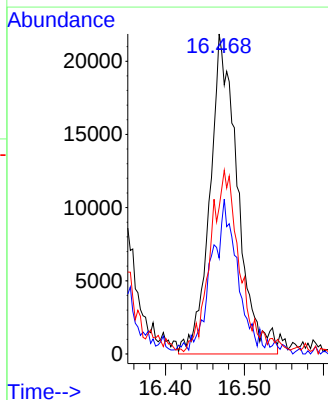
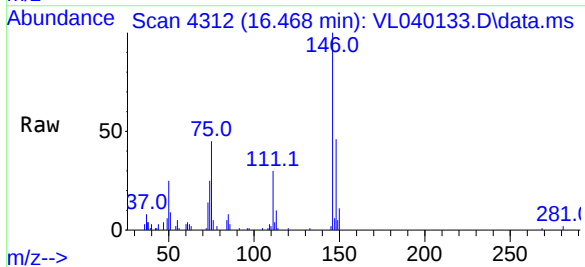
RT: 16.468 min Scan# 4312

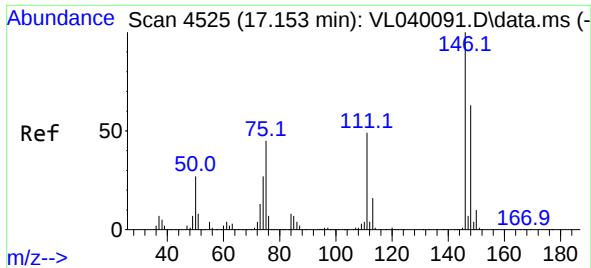
Delta R.T. 0.000 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Tgt Ion:146	Resp:	53351
Ion Ratio	Lower	Upper
146	100	
111	48.1	23.8
148	63.4	32.8





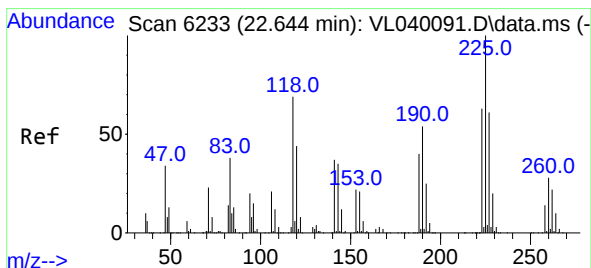
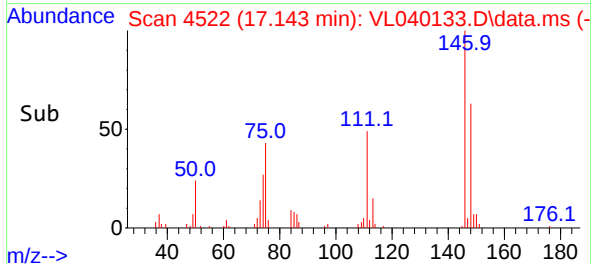
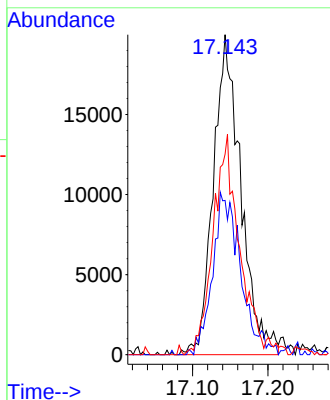
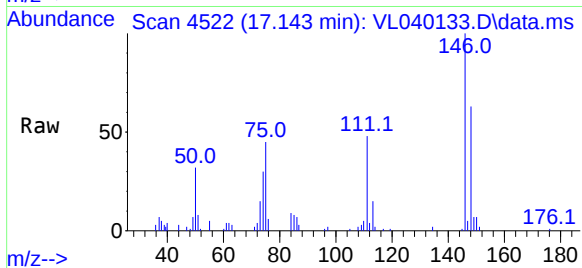
#77
1,2-Dichlorobenzene
Concen: 0.442 ppbv m
RT: 17.143 min Scan# 4525
Delta R.T. 0.007 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022

Tgt Ion:146 Resp: 50710
Ion Ratio Lower Upper
146 100
111 52.4 25.1 75.2
148 67.2 32.4 97.0

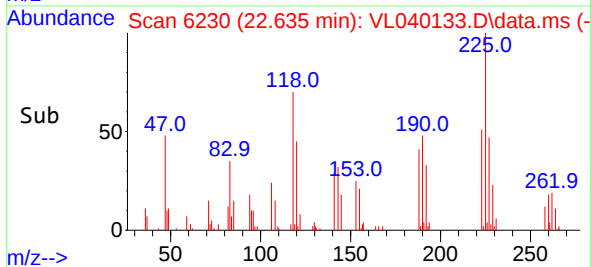
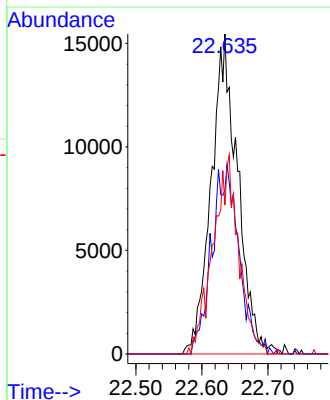
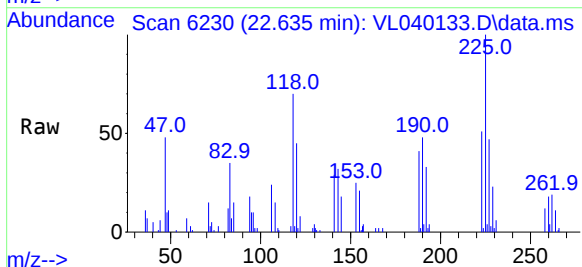
Manual Integrations
APPROVED

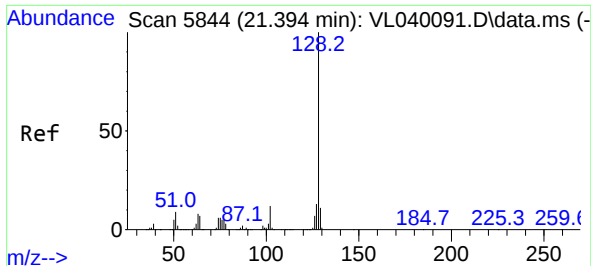
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#78
Hexachloro-1,3-Butadiene
Concen: 0.513 ppbv m
RT: 22.635 min Scan# 6230
Delta R.T. 0.003 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

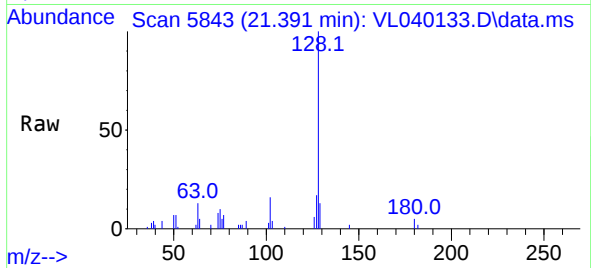
Tgt Ion:225 Resp: 43165
Ion Ratio Lower Upper
225 100
223 60.6 51.5 77.3
227 60.0 50.6 76.0





#79
Naphthalene
Concen: 0.361 ppbv m
RT: 21.391 min Scan# 5843
Delta R.T. 0.013 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16

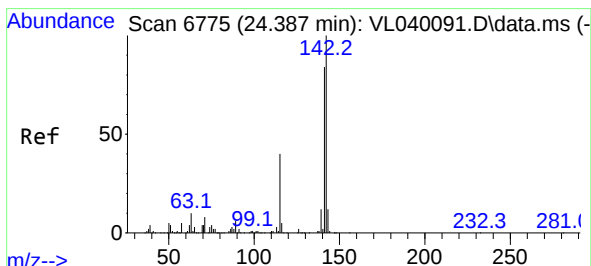
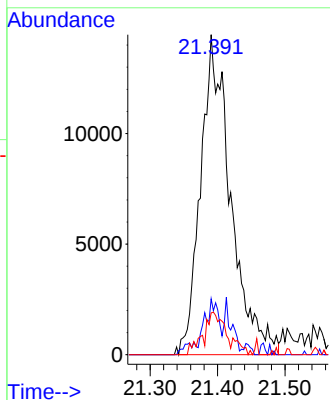
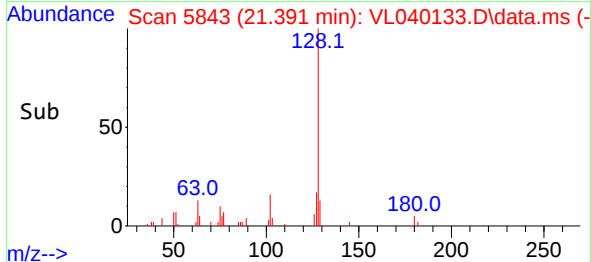
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



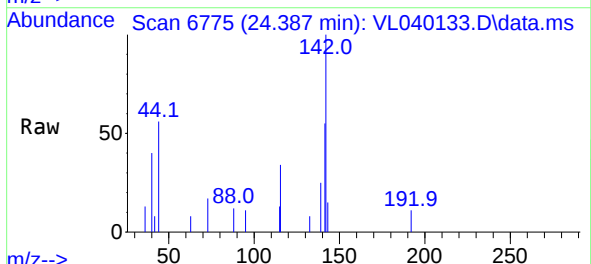
Tgt Ion:128 Resp: 4471
Ion Ratio Lower Upper
128 100
127 17.5 10.3 15.5
129 13.1 8.8 13.2

Manual Integrations
APPROVED

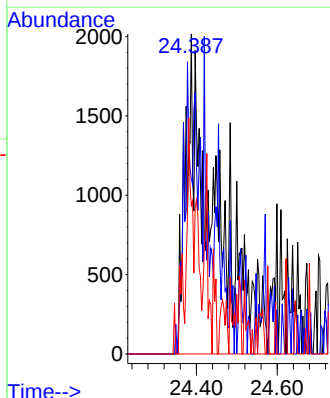
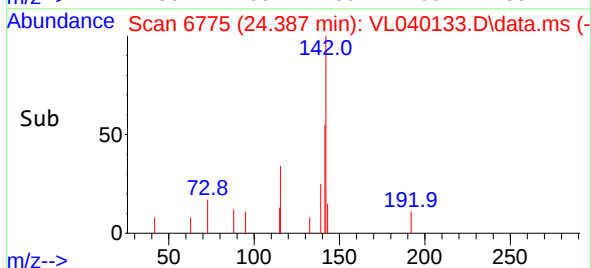
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

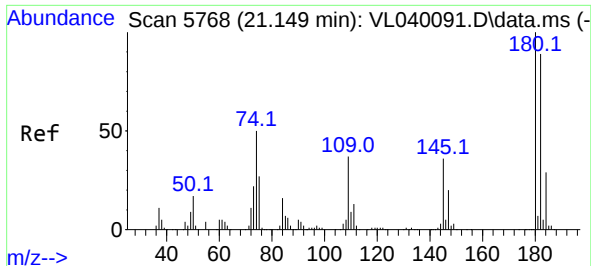


#80
Naphthalene,2-methyl-
Concen: 0.257 ppbv m
RT: 24.387 min Scan# 6775
Delta R.T. 0.013 min
Lab File: VL040133.D
Acq: 30 Jan 2023 15:16



Tgt Ion:142 Resp: 10716
Ion Ratio Lower Upper
142 100
141 0.0 65.0 97.6#
115 23.1 31.8 47.8#





#81

1,2,4-Trichlorobenzene

Concen: 0.365 ppbv m

RT: 21.156 min Scan# 51

Delta R.T. 0.023 min

Lab File: VL040133.D

Acq: 30 Jan 2023 15:16

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2022

Tgt Ion:180 Resp: 27828

Ion Ratio Lower Upper

180 100

182 0.0 78.6 117.8

184 36.9 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023

