

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040559.D
 Acq On : 27 Jul 2023 3:27
 Operator : SY/MD
 Sample : 03572-13 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023

Quant Time: Jul 27 04:46:48 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

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

QLast Update : Thu Jul 27 04:45:44 2023

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/27/2023
 Supervised By : Mahesh Dadoda 07/27/2023

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

Internal Standards						
1) Bromochloromethane	5.179	49	995484	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.642	114	2479270	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.458	117	2163627	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1821653	10.638	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.713	85	107534	0.540	ppbv	98
3) Chlorodifluoromethane	2.658	51	82935	0.526	ppbv	100
4) Chloromethane	2.799	50	30349	0.486	ppbv	96
5) Vinyl Chloride	2.902	62	30341m	0.462	ppbv	
6) Bromomethane	3.102	94	15033	0.543	ppbv	95
7) Chloroethane	3.182	64	11886	0.516	ppbv	99
8) Dichlorotetrafluoroethane	2.841	85	84499	0.516	ppbv	96
9) Propene	2.677	41	23547	0.436	ppbv	96
10) Heptane	7.571	43	40712	0.341	ppbv	92
11) Trichlorofluoromethane	3.545	101	94573	0.589	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.053	101	64824	0.573	ppbv	100
13) Ethanol	3.250	45	7479m	0.636	ppbv	
14) Bromoethene	3.352	108	24695	0.508	ppbv #	94
15) Acetone	3.471	43	77185	0.674	ppbv	96
16) 1,3-Butadiene	2.970	39	23794	0.412	ppbv	83
17) tert-Butyl alcohol	3.877	59	63892m	0.539	ppbv	
18) 1,1-Dichloroethene	3.867	96	27423	0.527	ppbv #	94
19) Isopropyl Alcohol	3.578	45	29694	0.451	ppbv #	77
20) Methylene Chloride	3.918	84	30185	0.619	ppbv #	94
21) Allyl Chloride	3.986	41	28562	0.436	ppbv #	73
22) trans-1,2-Dichloroethene	4.433	96	24457	0.477	ppbv	92
23) Vinyl Acetate	4.619	43	53215m	0.487	ppbv	
24) 1,1-Dichloroethane	4.545	63	59322	0.535	ppbv	97
25) Ethyl Acetate	5.201	43	92437	0.424	ppbv	98
26) Hexane	5.198	57	38515	0.380	ppbv #	71
27) Carbon Disulfide	4.111	76	54818	0.460	ppbv #	90
28) Methyl tert-Butyl Ether	4.581	73	38172	0.468	ppbv	92
29) Chloroform	5.259	83	87625	0.521	ppbv	90
30) Cyclohexane	6.593	84	25423	0.301	ppbv #	76
31) cis-1,2-Dichloroethene	5.069	61	40523m	0.405	ppbv	
32) 1,1,1-Trichloroethane	5.992	97	81036	0.493	ppbv	98
34) 2-Butanone	4.790	43	54930	0.448	ppbv	98
35) Carbon Tetrachloride	6.478	117	79176m	0.531	ppbv	
36) Benzene	6.356	78	79132	0.397	ppbv #	89
37) 1,2-Dichloroethane	5.790	62	60880m	0.519	ppbv	
38) Trichloroethene	7.285	130	31118m	0.412	ppbv	
39) 1,2-Dichloropropane	7.057	63	34680	0.452	ppbv #	84
40) 1,4-Dioxane	7.320	88	8953m	0.373	ppbv	
41) Tetrahydrofuran	5.574	42	25259m	0.353	ppbv	
42) Bromodichloromethane	7.237	83	76196	0.467	ppbv	89
43) Methyl Methacrylate	7.471	69	21147	0.283	ppbv	82
44) 2,2,4-Trimethylpentane	7.317	57	127804m	0.398	ppbv	
45) t-1,3-Dichloropropene	8.700	75	13551	0.283	ppbv #	87

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Instrument :
 MSVOA_L
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 LOD-MDL-AIR-01-QT3-2023

Quant Time: Jul 27 04:46:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Jul 27 04:45:44 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

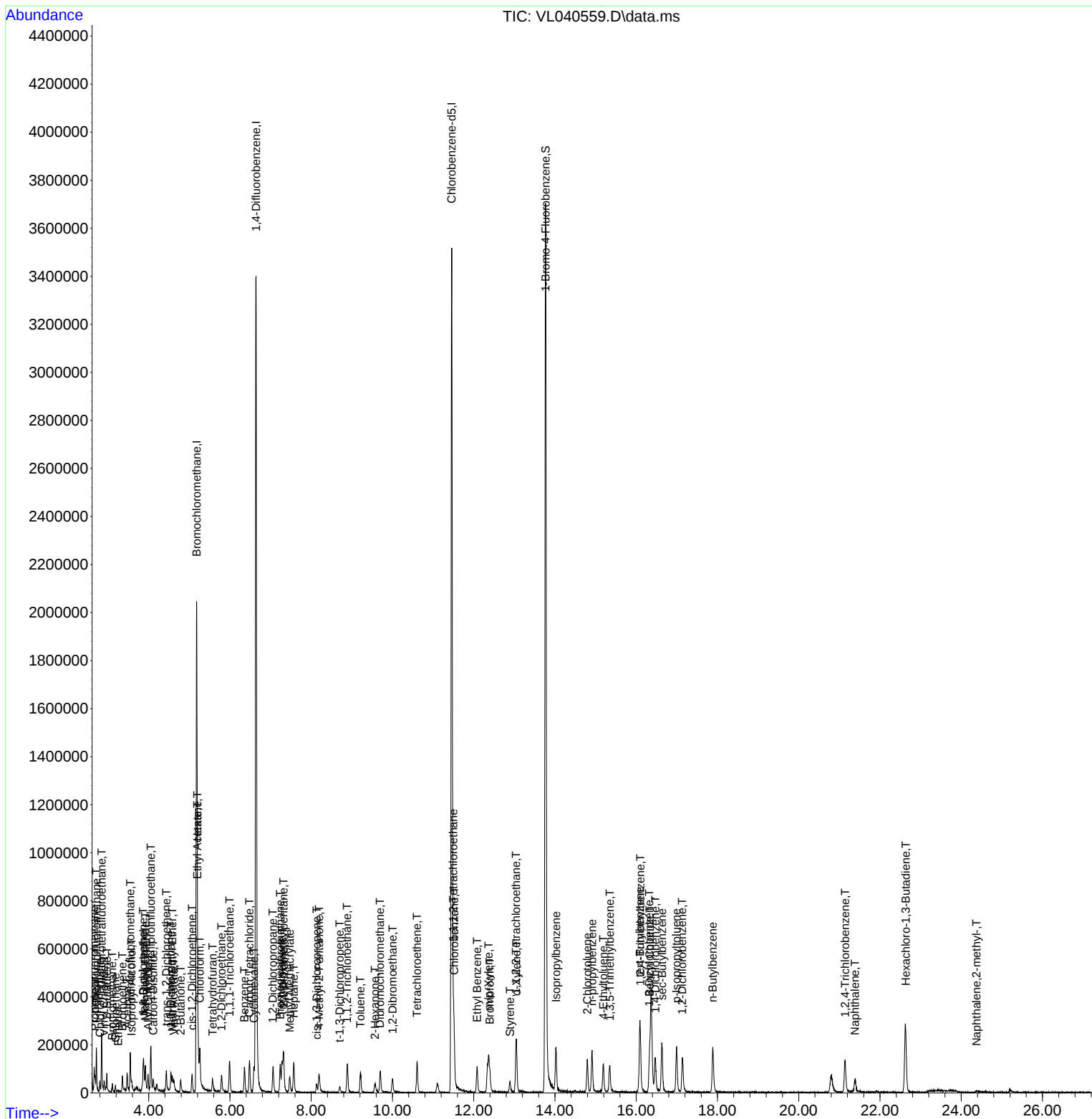
Reviewed By : Semsettin Yesilyurt 07/27/2023
 Supervised By : Mahesh Dadoda 07/27/2023

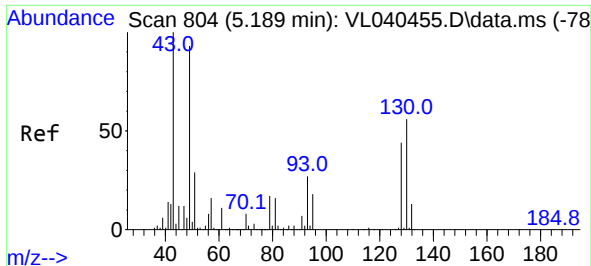
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	18152	0.295	ppbv #	93
47) 1,1,2-Trichloroethane	8.883	97	38920m	0.459	ppbv	
48) Dibromochloromethane	9.696	129	52761m	0.403	ppbv	
49) Bromoform	12.397	173	36599m	0.352	ppbv	
50) 4-Methyl-2-Pentanone	8.195	43	61957m	0.348	ppbv	
51) 2-Hexanone	9.568	43	38150m	0.303	ppbv	
52) Tetrachloroethene	10.606	164	26934m	0.417	ppbv	
53) Toluene	9.214	91	61696	0.285	ppbv	92
54) 1,2-Dibromoethane	10.002	107	44801	0.425	ppbv	87
56) 1,1,1,2-Tetrachloroethane	11.497	131	46485	0.480	ppbv #	1
57) Chlorobenzene	11.516	112	81197	0.481	ppbv	93
58) Ethyl Benzene	12.085	91	86979m	0.320	ppbv	
59) m/p-Xylene	12.365	91	178100m	0.735	ppbv	
60) o-Xylene	13.053	91	81921m	0.355	ppbv	
61) Styrene	12.892	104	25781m	0.242	ppbv	
62) Isopropylbenzene	14.027	105	131167	0.379	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.043	83	84155	0.521	ppbv	99
64) n-propylbenzene	14.915	120	31746m	0.355	ppbv	
65) tert-Butylbenzene	16.088	119	112118	0.366	ppbv #	83
66) Benzyl Chloride	16.333	91	9207m	0.425	ppbv	
67) sec-Butylbenzene	16.635	105	177018	0.393	ppbv	98
69) p-Isopropyltoluene	16.989	119	132645m	0.357	ppbv	
70) n-Butylbenzene	17.882	91	149683	0.361	ppbv	95
71) 2-Chlorotoluene	14.796	91	93400	0.350	ppbv	99
72) 4-Ethyltoluene	15.191	105	86501	0.320	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.352	105	78655	0.330	ppbv	95
74) 1,2,4-Trimethylbenzene	16.101	105	108186	0.389	ppbv	96
75) 1,3-Dichlorobenzene	16.323	146	65416	0.388	ppbv	82
76) 1,4-Dichlorobenzene	16.471	146	72394m	0.438	ppbv	
77) 1,2-Dichlorobenzene	17.133	146	71311m	0.442	ppbv	
78) Hexachloro-1,3-Butadiene	22.635	225	70563m	0.466	ppbv	
79) Naphthalene	21.384	128	64372m	0.274	ppbv	
80) Naphthalene,2-methyl-	24.377	142	10344m	0.107	ppbv	
81) 1,2,4-Trichlorobenzene	21.146	180	53474m	0.330	ppbv	

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

Manual Integrations APPROVED

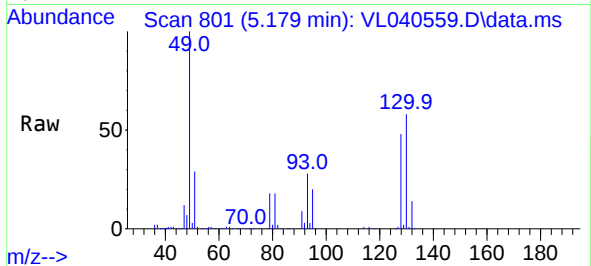
Quant Time: Jul 27 04:46:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Jul 27 04:45:44 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.023 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

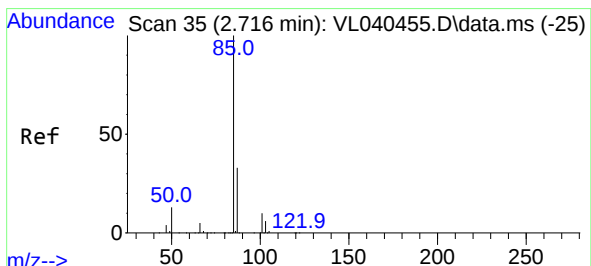
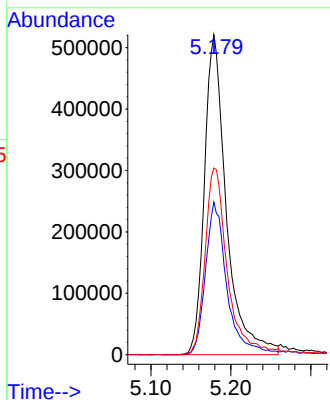
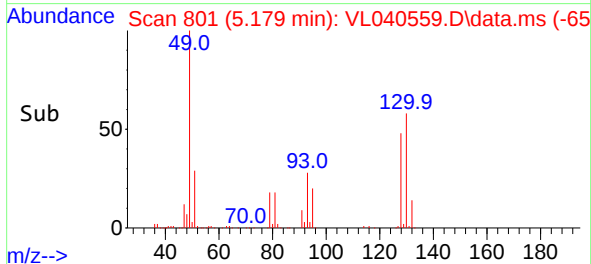
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 49 Resp: 995484
Ion Ratio Lower Upper
49 100
128 47.9 25.1 75.4
130 60.9 31.6 94.7

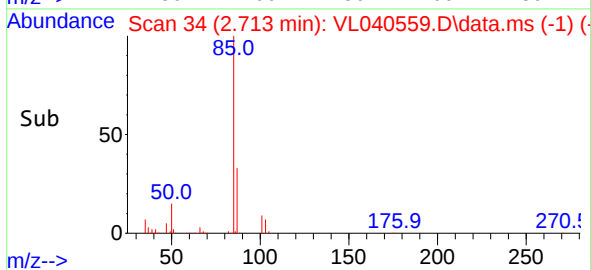
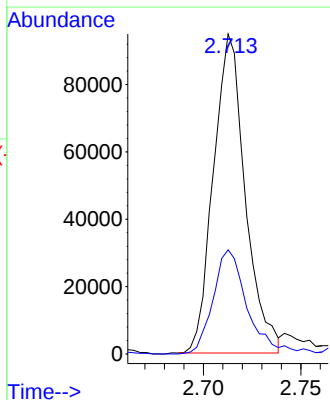
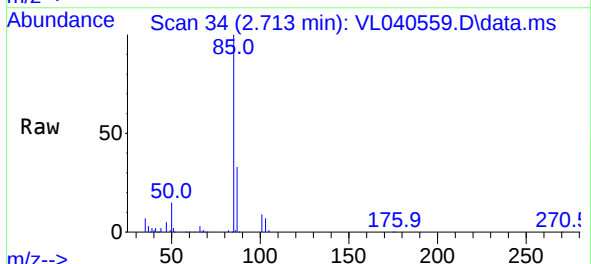
Manual Integrations
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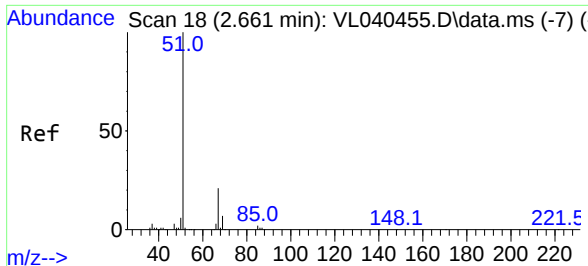
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#2
Dichlorodifluoromethane
Concen: 0.540 ppbv
RT: 2.713 min Scan# 34
Delta R.T. -0.026 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

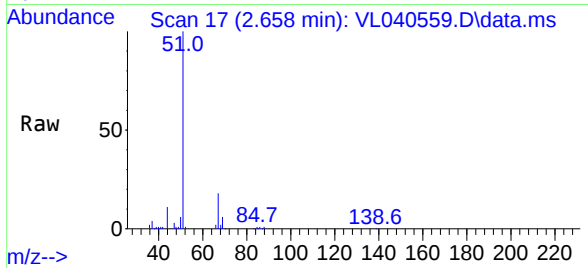
Tgt Ion: 85 Resp: 107534
Ion Ratio Lower Upper
85 100
87 32.6 26.8 40.2





#3
Chlorodifluoromethane
Concen: 0.526 ppbv
RT: 2.658 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

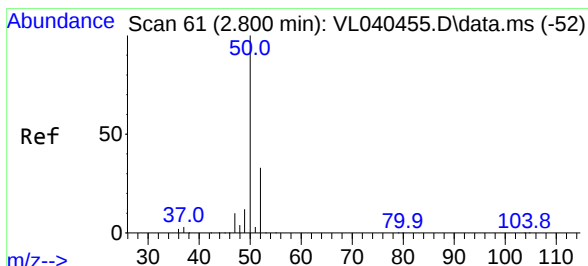
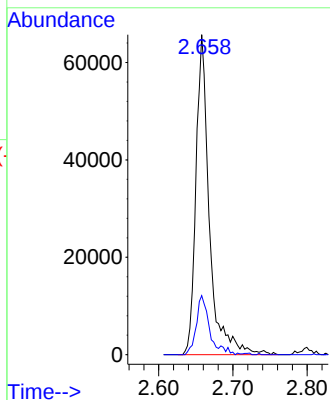
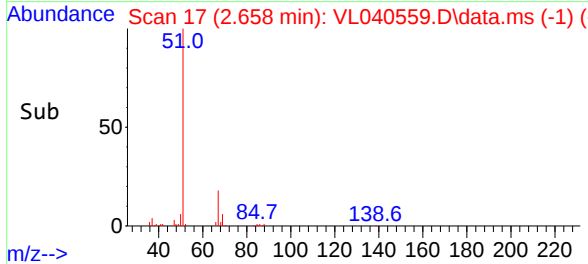
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



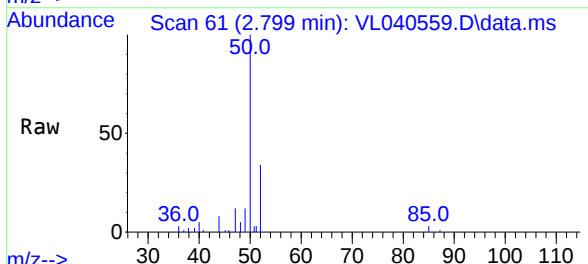
Tgt Ion: 51 Resp: 82935
Ion Ratio Lower Upper
51 100
67 18.4 14.6 21.8

Manual Integrations
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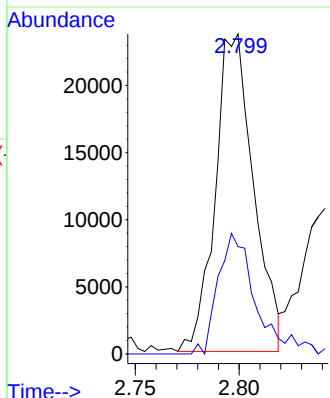
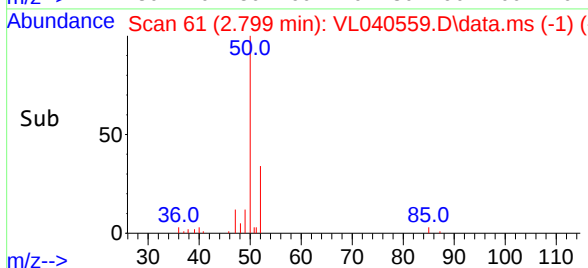
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

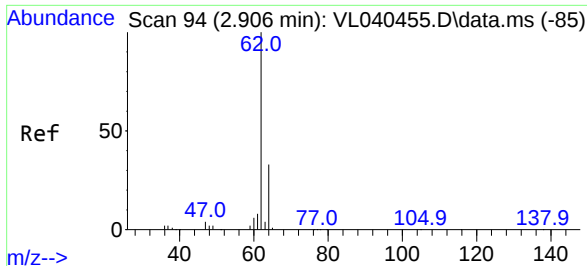


#4
Chloromethane
Concen: 0.486 ppbv
RT: 2.799 min Scan# 61
Delta R.T. -0.023 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27



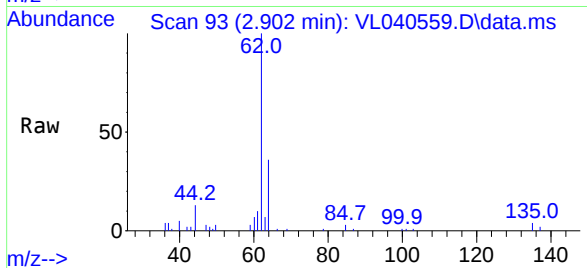
Tgt Ion: 50 Resp: 30349
Ion Ratio Lower Upper
50 100
52 32.7 24.4 36.6





#5
 Vinyl Chloride
 Concen: 0.462 ppbv m
 RT: 2.902 min Scan# 91
 Delta R.T. -0.026 min
 Lab File: VL040559.D
 Acq: 27 Jul 2023 3:27

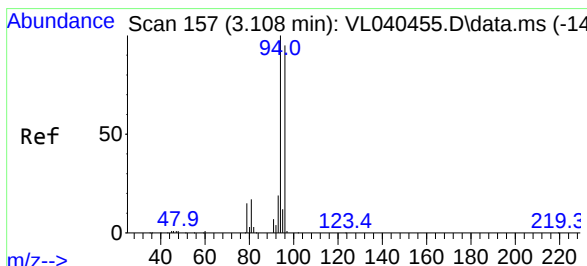
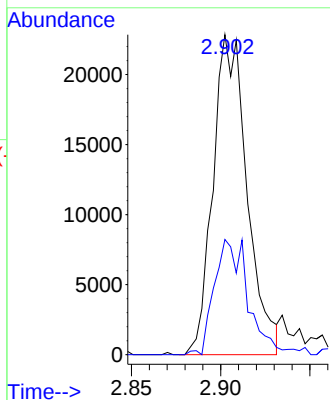
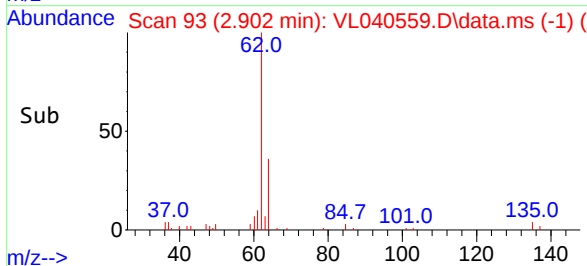
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 62 Resp: 3034
 Ion Ratio Lower Upper
 62 100
 64 36.0 26.4 39.6

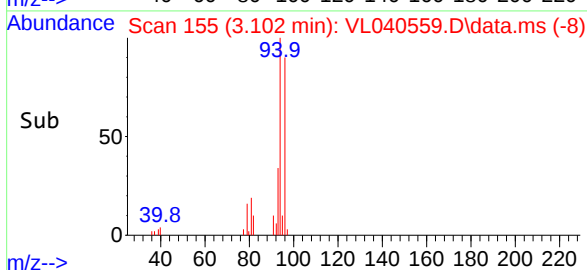
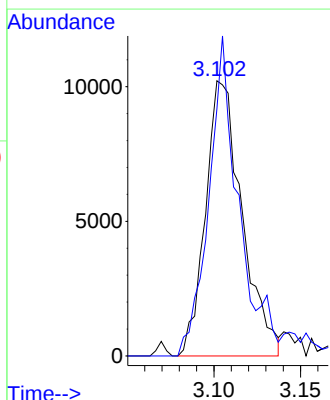
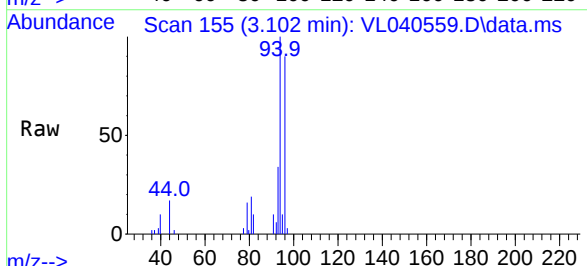
Manual Integrations
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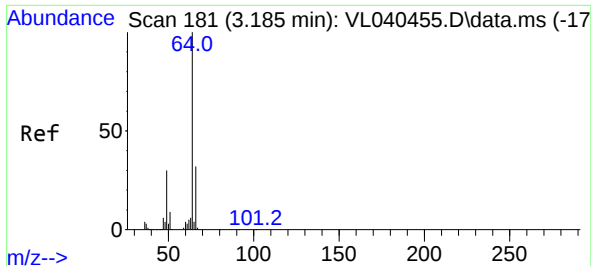
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023



#6
 Bromomethane
 Concen: 0.543 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. -0.026 min
 Lab File: VL040559.D
 Acq: 27 Jul 2023 3:27

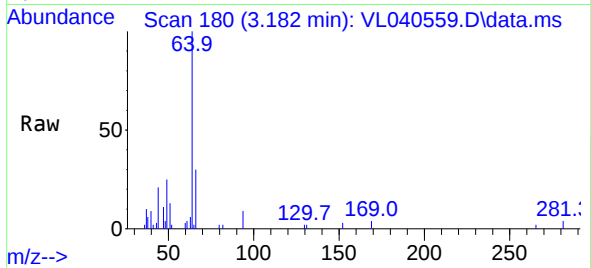
Tgt Ion: 94 Resp: 15033
 Ion Ratio Lower Upper
 94 100
 96 89.8 75.7 113.5





#7
Chloroethane
Concen: 0.516 ppbv
RT: 3.182 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

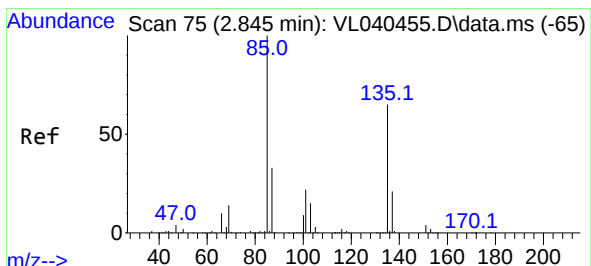
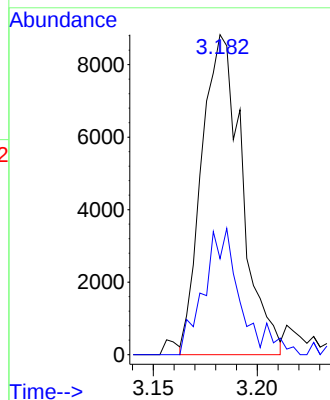
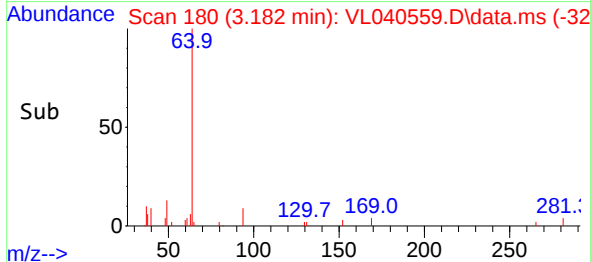
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 64 Resp: 11880
Ion Ratio Lower Upper
64 100
66 30.0 24.4 36.6

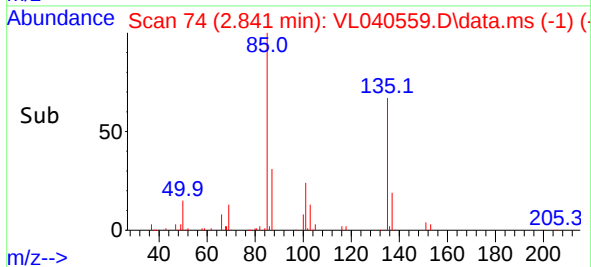
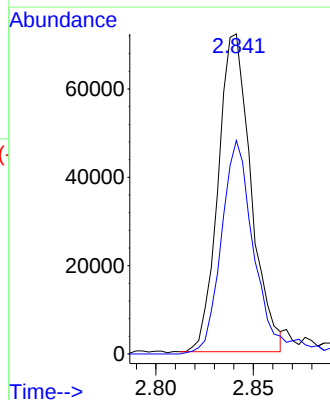
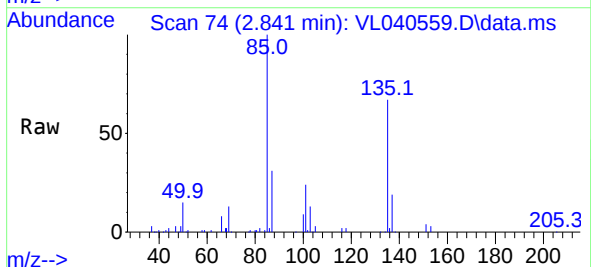
Manual Integrations
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Supervised By :Mahesh Dadoda 07/27/2023

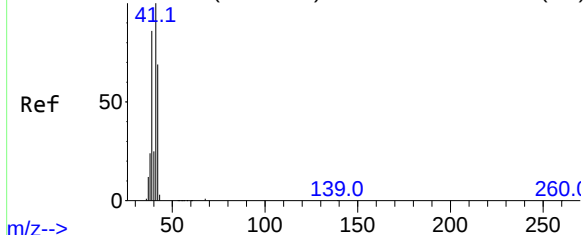


#8
Dichlorotetrafluoroethane
Concen: 0.516 ppbv
RT: 2.841 min Scan# 74
Delta R.T. -0.026 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 85 Resp: 84499
Ion Ratio Lower Upper
85 100
135 68.7 52.4 78.6



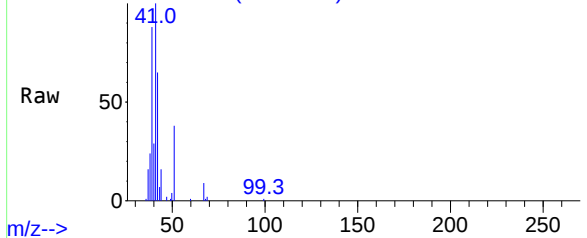
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#9
Propene
Concen: 0.436 ppbv
RT: 2.677 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

Abundance Scan 23 (2.677 min): VL040559.D\data.ms

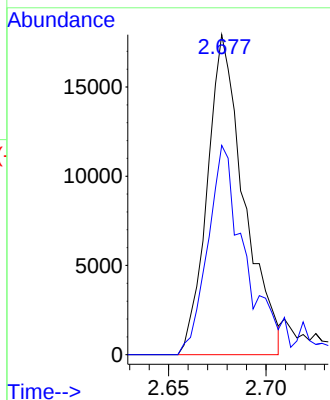
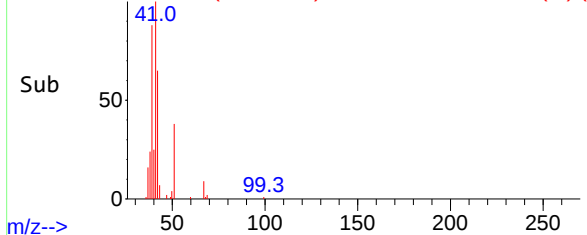


Tgt Ion: 41 Resp: 2354
Ion Ratio Lower Upper
41 100
42 72.2 55.0 82.6

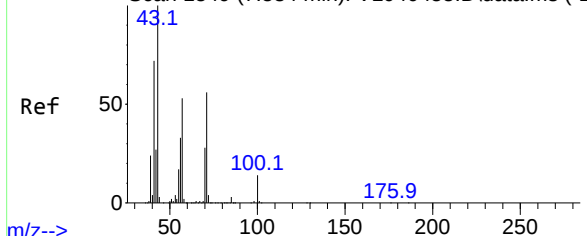
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/27/2023

Abundance Scan 23 (2.677 min): VL040559.D\data.ms (-1)



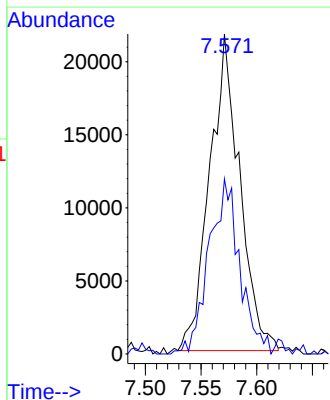
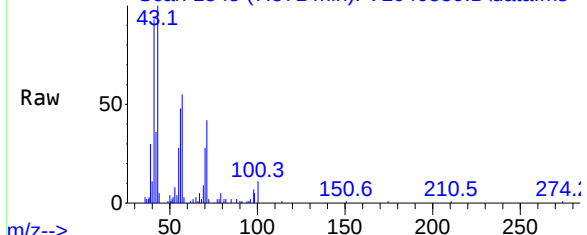
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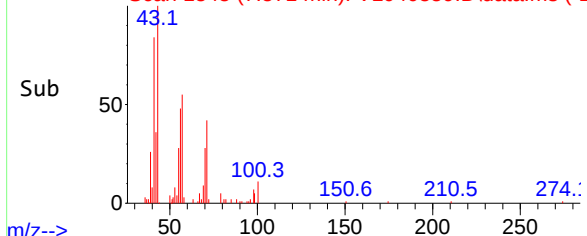
#10
Heptane
Concen: 0.341 ppbv
RT: 7.571 min Scan# 1545
Delta R.T. -0.020 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

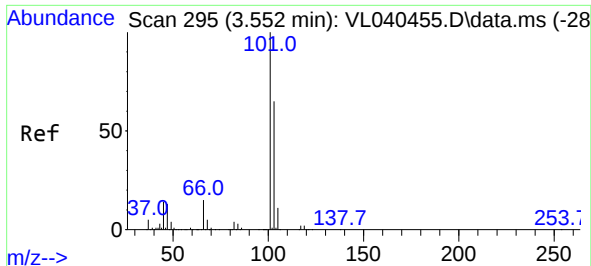
Tgt Ion: 43 Resp: 40712
Ion Ratio Lower Upper
43 100
57 58.4 42.5 63.7

Abundance Scan 1545 (7.571 min): VL040559.D\data.ms



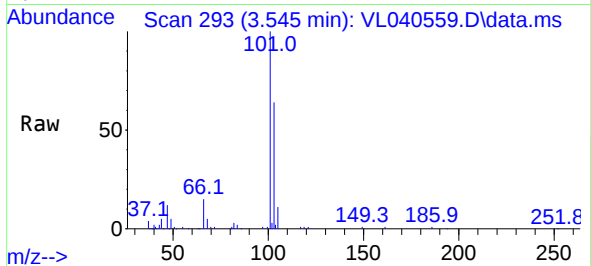
Abundance Scan 1545 (7.571 min): VL040559.D\data.ms (-1)





#11
Trichlorofluoromethane
Concen: 0.589 ppbv
RT: 3.545 min Scan# 295
Delta R.T. -0.026 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

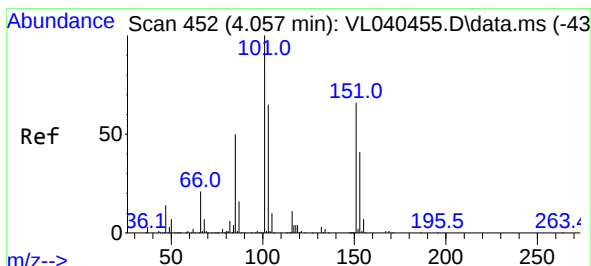
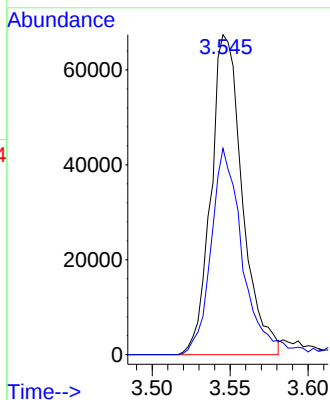
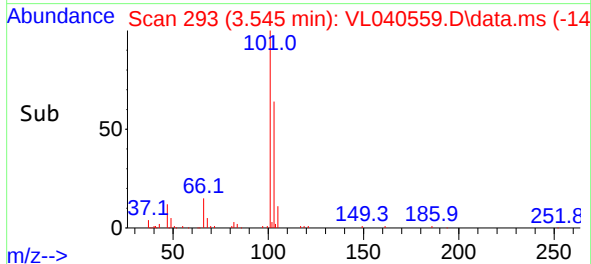
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023



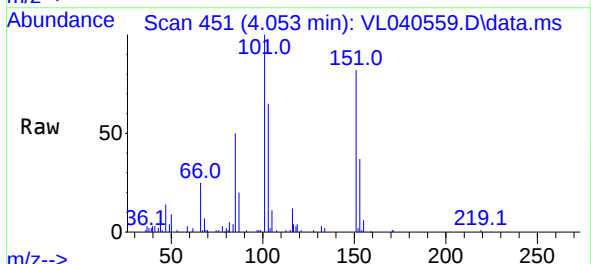
Tgt Ion:101 Resp: 9457
Ion Ratio Lower Upper
101 100
103 64.5 53.4 80.0

Manual Integrations
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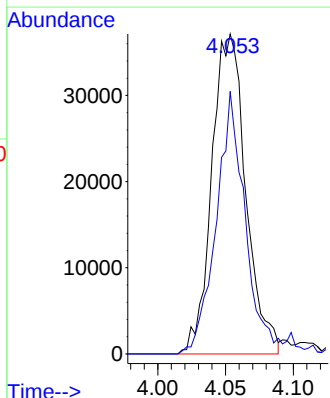
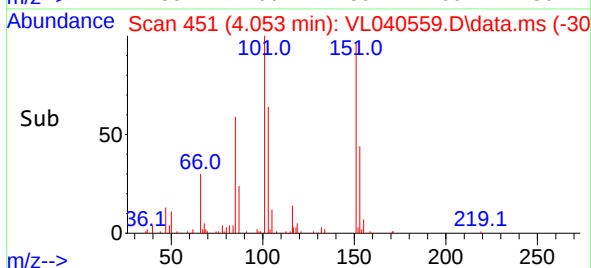
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

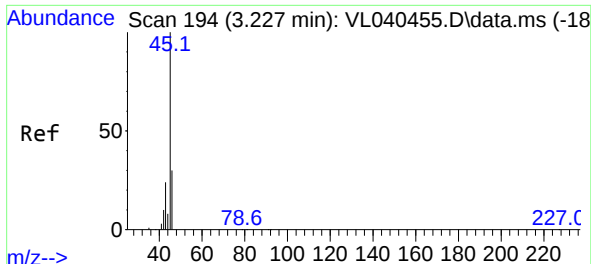


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.573 ppbv
RT: 4.053 min Scan# 451
Delta R.T. -0.020 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27



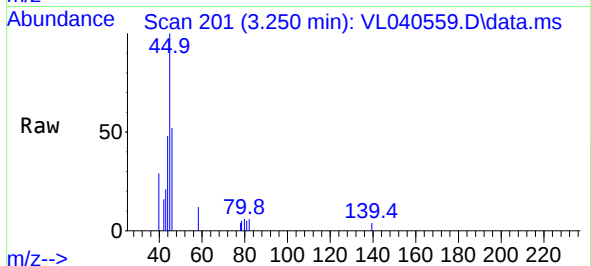
Tgt Ion:101 Resp: 64824
Ion Ratio Lower Upper
101 100
151 73.0 58.2 87.4





#13
Ethanol
Concen: 0.636 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. 0.003 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

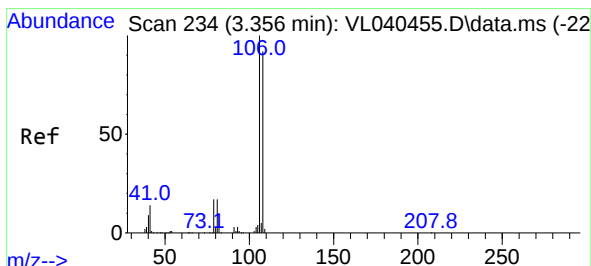
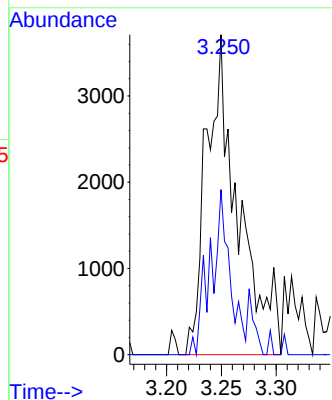
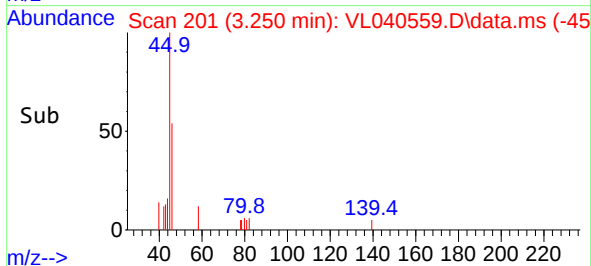
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



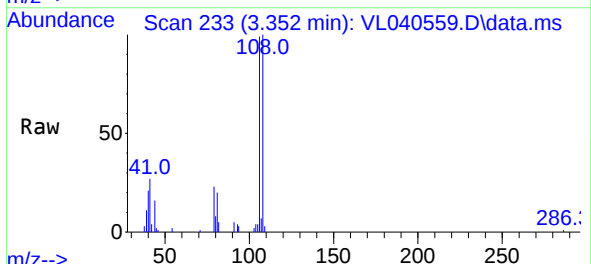
Tgt Ion: 45 Resp: 7479
Ion Ratio Lower Upper
45 100
46 37.3 15.3 61.1

Manual Integrations
APPROVED

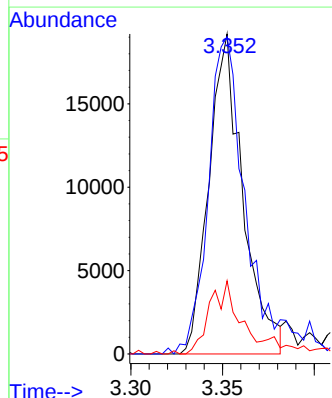
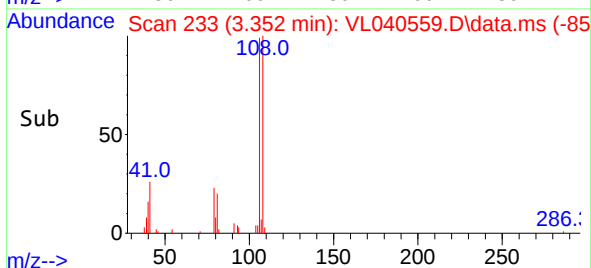
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

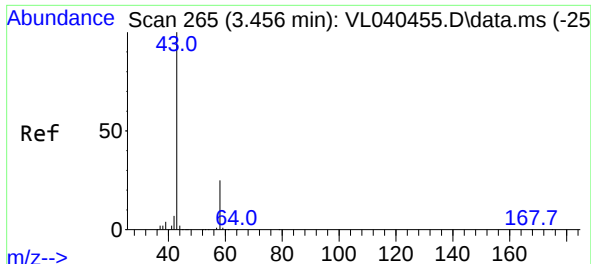


#14
Bromoethene
Concen: 0.508 ppbv
RT: 3.352 min Scan# 233
Delta R.T. -0.023 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27



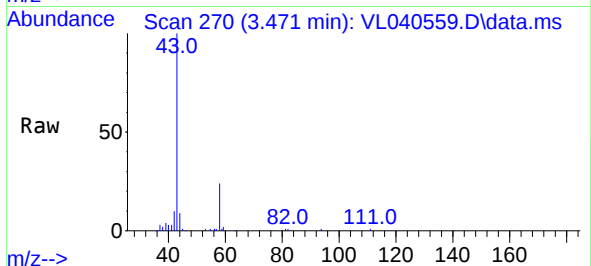
Tgt Ion:108 Resp: 24695
Ion Ratio Lower Upper
108 100
106 114.4 87.2 130.8
79 24.1 15.3 22.9





#15
Acetone
Concen: 0.674 ppbv
RT: 3.471 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

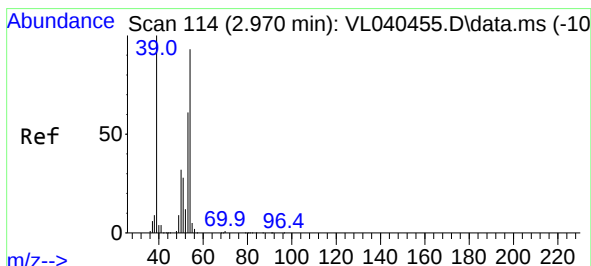
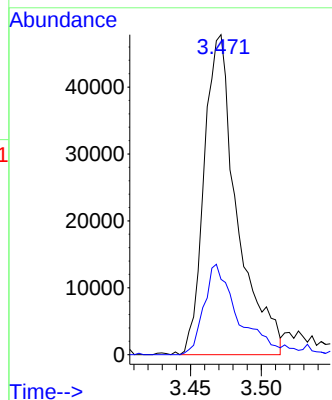
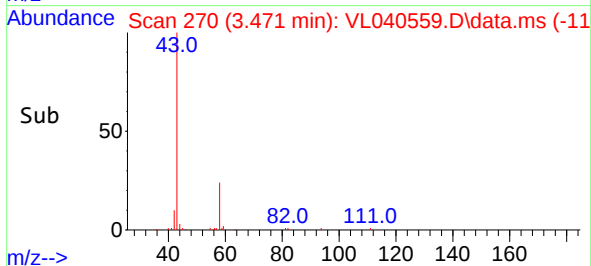
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 43 Resp: 7718
Ion Ratio Lower Upper
43 100
58 30.8 22.9 34.3

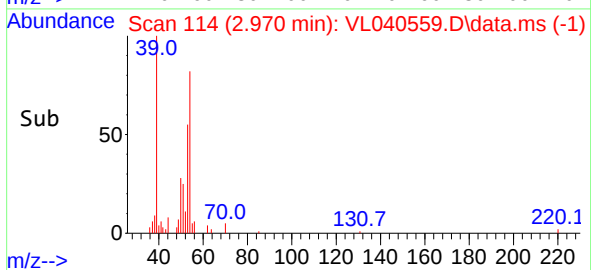
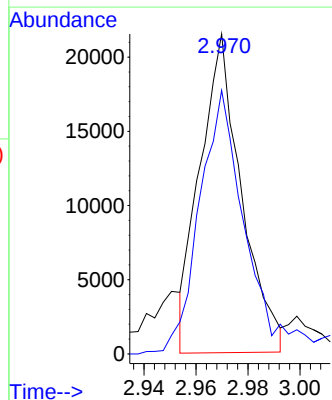
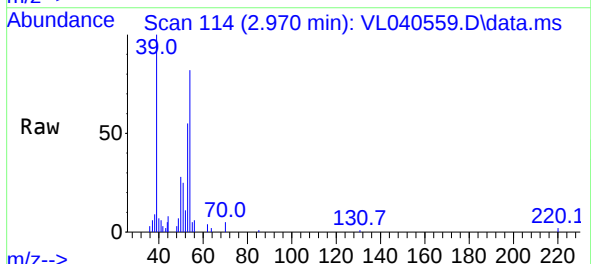
Manual Integrations
APPROVED

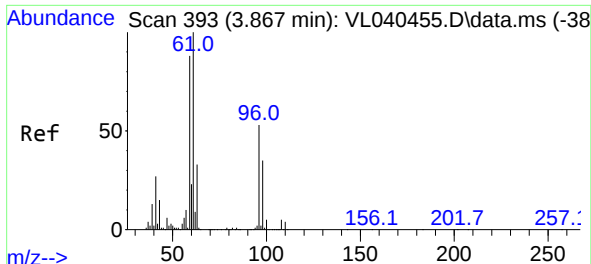
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#16
1,3-Butadiene
Concen: 0.412 ppbv
RT: 2.970 min Scan# 114
Delta R.T. -0.023 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

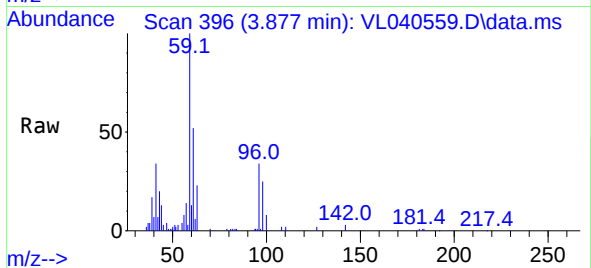
Tgt Ion: 39 Resp: 23794
Ion Ratio Lower Upper
39 100
54 98.3 66.6 100.0





#17
tert-Butyl alcohol
Concen: 0.539 ppbv m
RT: 3.877 min Scan# 393
Delta R.T. -0.007 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

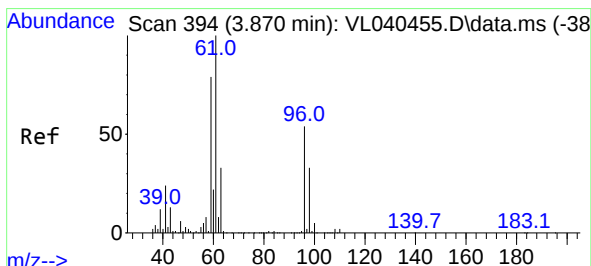
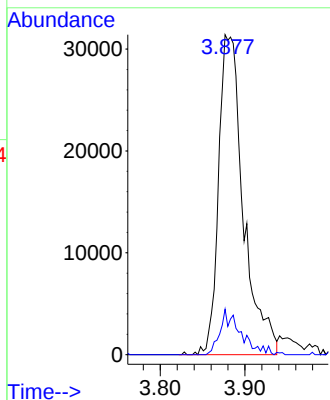
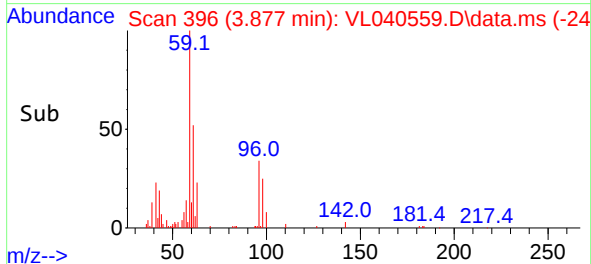
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



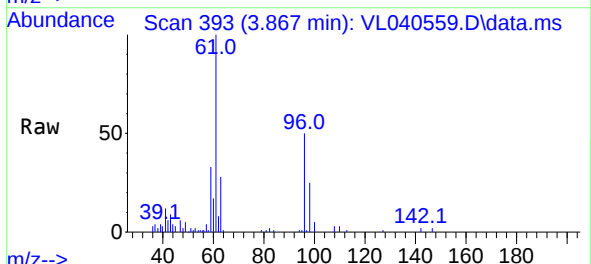
Tgt Ion: 59 Resp: 6389
Ion Ratio Lower Upper
59 100
57 11.9 8.7 13.1

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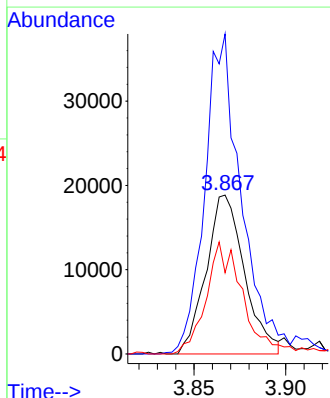
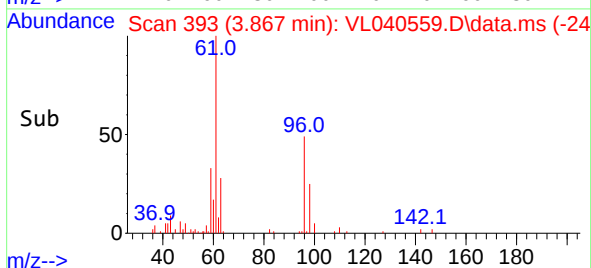
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

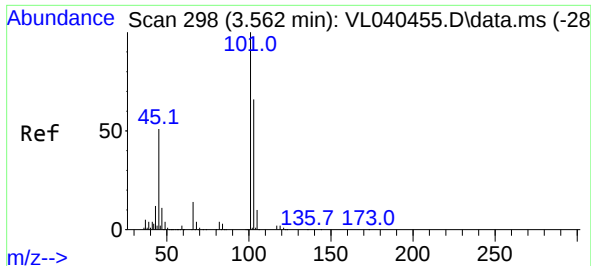


#18
1,1-Dichloroethene
Concen: 0.527 ppbv
RT: 3.867 min Scan# 393
Delta R.T. -0.023 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27



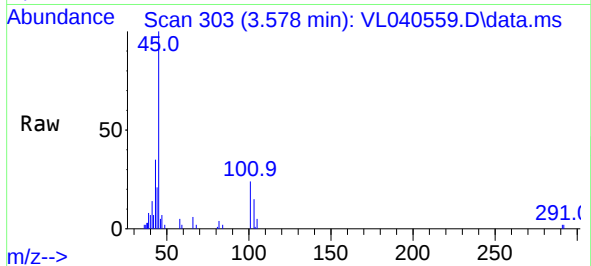
Tgt Ion: 96 Resp: 27423
Ion Ratio Lower Upper
96 100
61 196.8 154.4 231.6
98 49.6 50.0 75.0#





#19
Isopropyl Alcohol
Concen: 0.451 ppbv
RT: 3.578 min Scan# 303
Delta R.T. -0.003 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

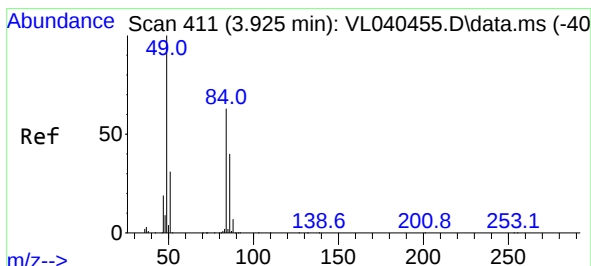
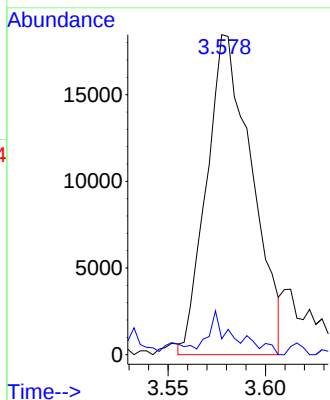
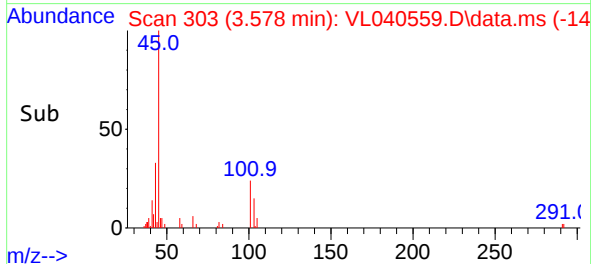
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



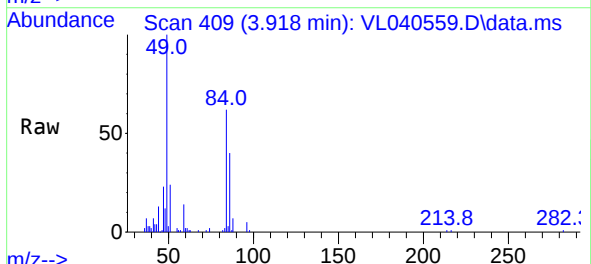
Tgt Ion: 45 Resp: 29694
Ion Ratio Lower Upper
45 100
58 10.2 1.1 1.75

Manual Integrations
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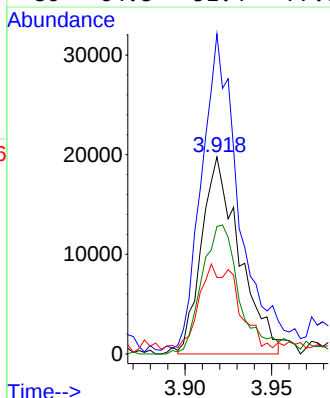
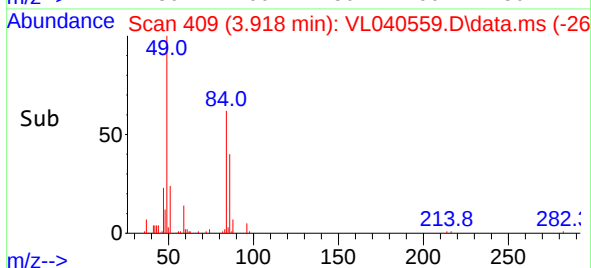
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

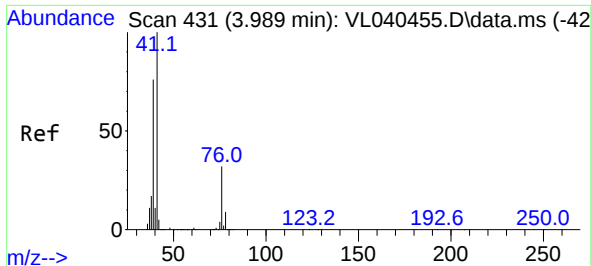


#20
Methylene Chloride
Concen: 0.619 ppbv
RT: 3.918 min Scan# 409
Delta R.T. -0.023 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27



Tgt Ion: 84 Resp: 30185
Ion Ratio Lower Upper
84 100
49 161.1 123.4 185.2
51 36.4 38.3 57.5#
86 64.8 51.4 77.0





#21

Allyl Chloride

Concen: 0.436 ppbv

RT: 3.986 min Scan# 41

Delta R.T. -0.019 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Instrument :

MSVOA_L

ClientSampleId :

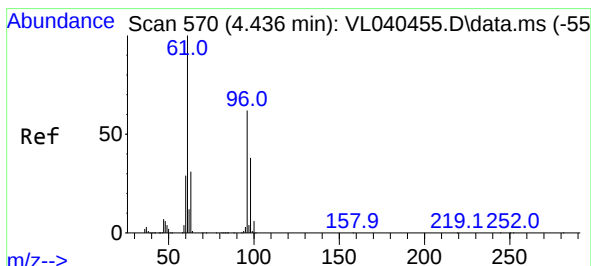
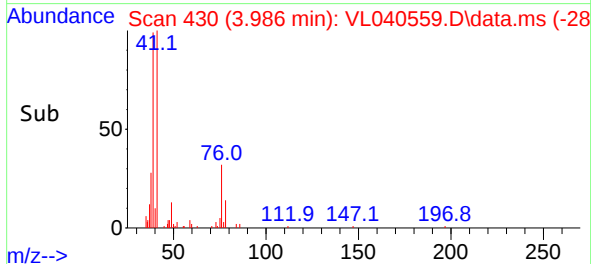
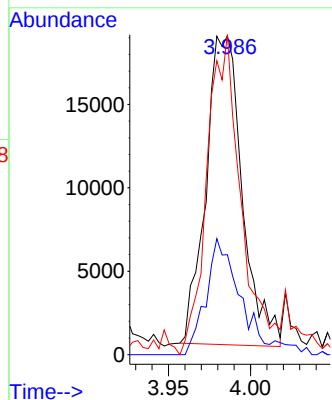
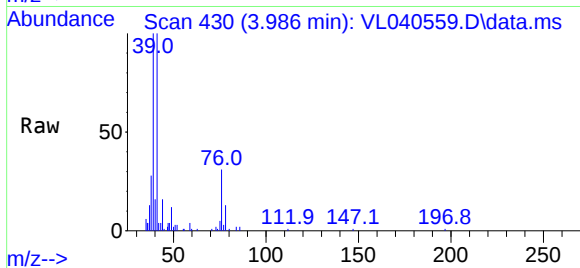
LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 41	Resp: 2856
Ion Ratio	Lower Upper
41	100
76	36.9 24.8 37.2
39	105.0 60.6 91.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#22

trans-1,2-Dichloroethene

Concen: 0.477 ppbv

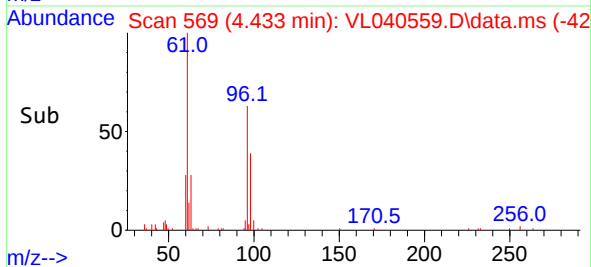
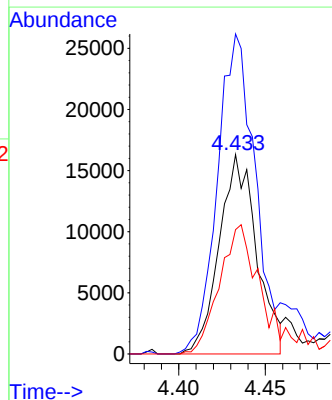
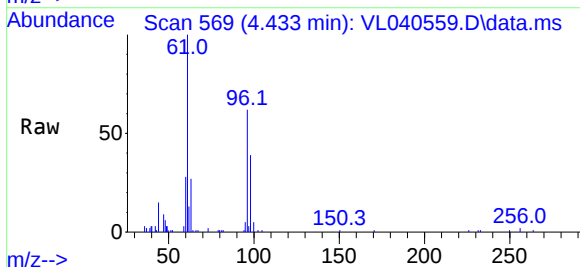
RT: 4.433 min Scan# 569

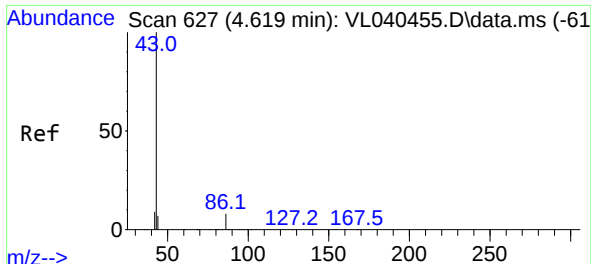
Delta R.T. -0.020 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

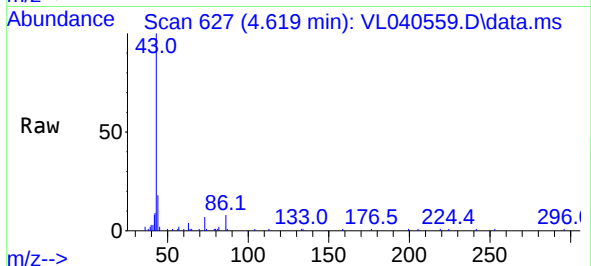
Tgt Ion: 96	Resp: 24457
Ion Ratio	Lower Upper
96	100
61	159.5 137.7 206.5
98	62.3 52.9 79.3





#23
 Vinyl Acetate
 Concen: 0.487 ppbv m
 RT: 4.619 min Scan# 61
 Delta R.T. -0.016 min
 Lab File: VL040559.D
 Acq: 27 Jul 2023 3:27

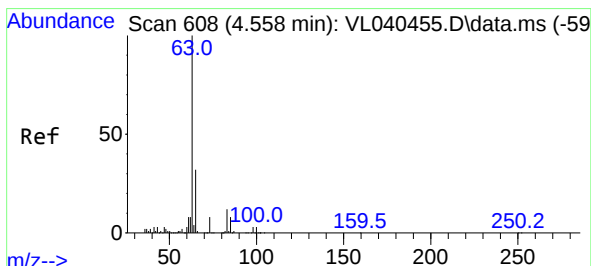
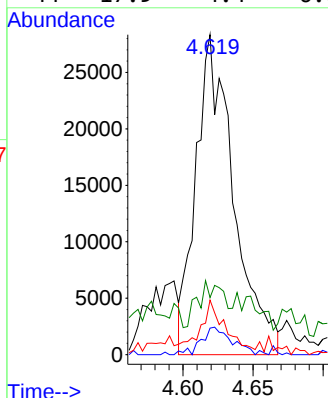
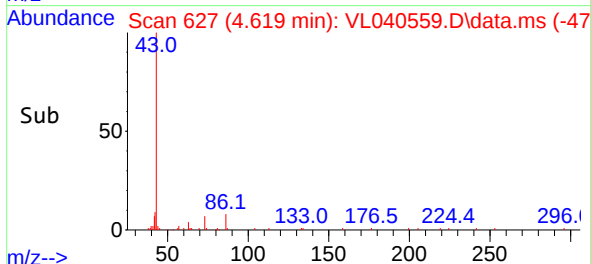
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 43	Resp: 5321
Ion Ratio	Lower Upper
43 100	
86 8.3	5.6 8.4
42 9.0	7.4 11.2
44 17.9	4.4 6.6#

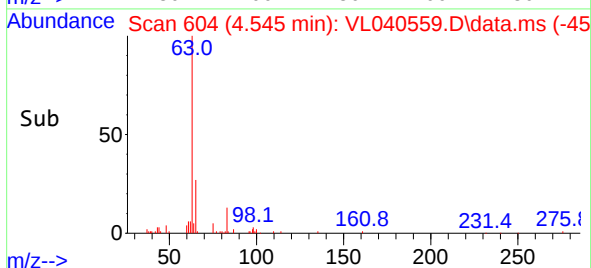
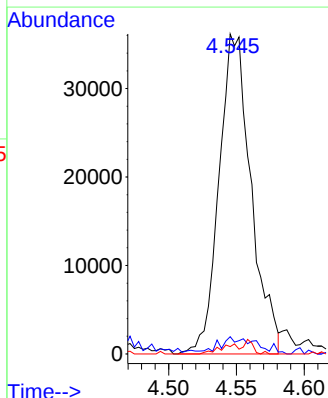
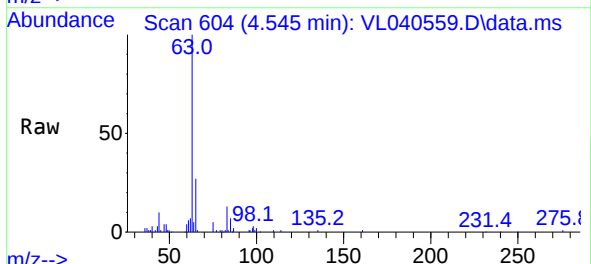
Manual Integrations
 APPROVED

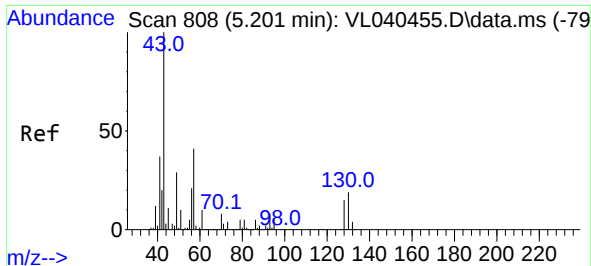
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023



#24
 1,1-Dichloroethane
 Concen: 0.535 ppbv
 RT: 4.545 min Scan# 604
 Delta R.T. -0.026 min
 Lab File: VL040559.D
 Acq: 27 Jul 2023 3:27

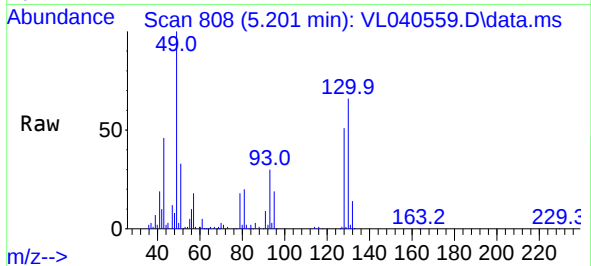
Tgt Ion: 63	Resp: 59322
Ion Ratio	Lower Upper
63 100	
98 4.9	1.8 5.5
100 2.3	1.4 4.0





#25
Ethyl Acetate
Concen: 0.424 ppbv
RT: 5.201 min Scan# 807
Delta R.T. -0.010 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

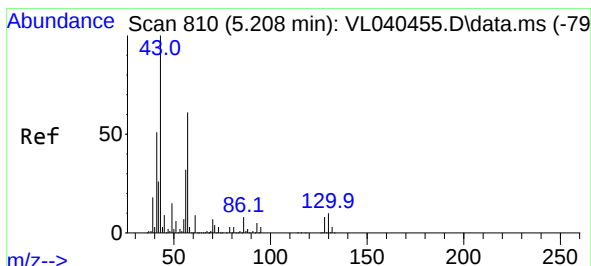
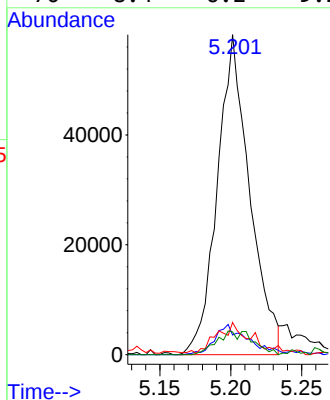
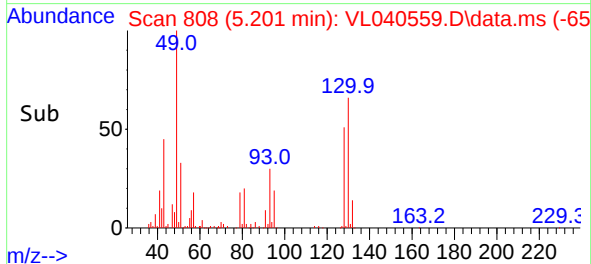


Tgt Ion: 43 Resp: 9243

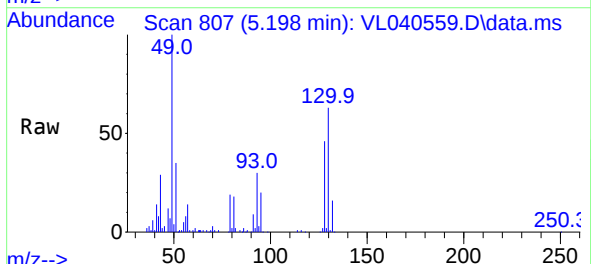
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.4
61	12.2	8.3	12.5
70	8.4	6.2	9.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

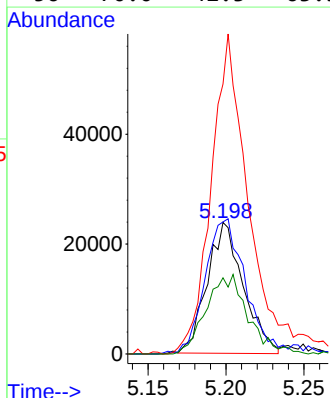
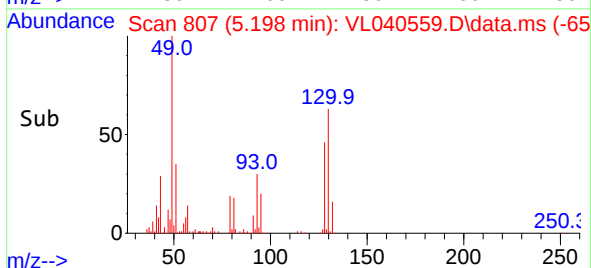


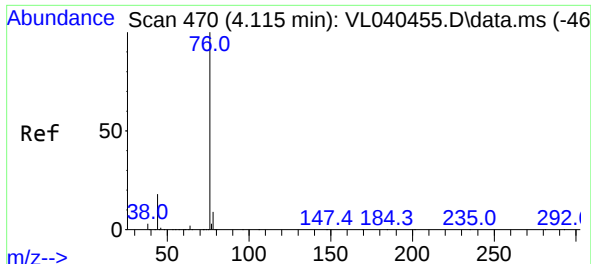
#26
Hexane
Concen: 0.380 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.023 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27



Tgt Ion: 57 Resp: 38515

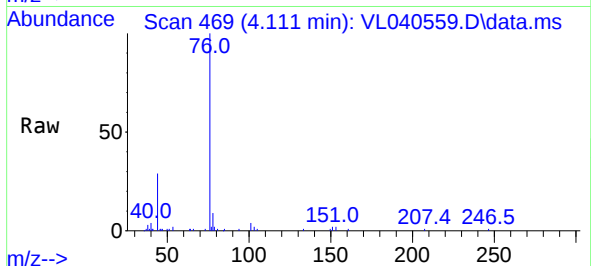
Ion	Ratio	Lower	Upper
57	100		
41	120.2	69.5	104.3#
43	266.1	177.1	265.7#
56	70.0	42.3	63.5#





#27
Carbon Disulfide
Concen: 0.460 ppbv
RT: 4.111 min Scan# 407
Delta R.T. -0.020 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

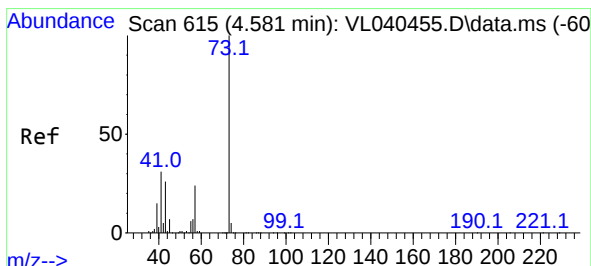
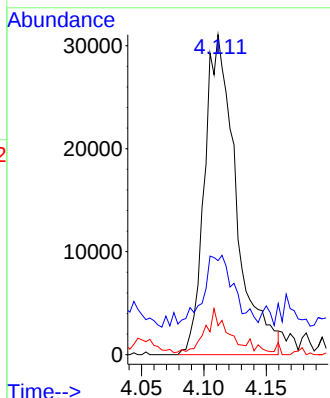
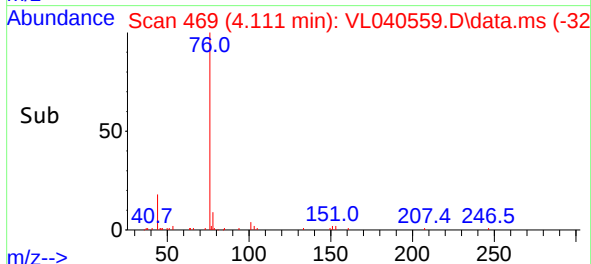
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 76 Resp: 54818
Ion Ratio Lower Upper
76 100
44 23.5 15.1 22.7
78 12.4 7.5 11.3

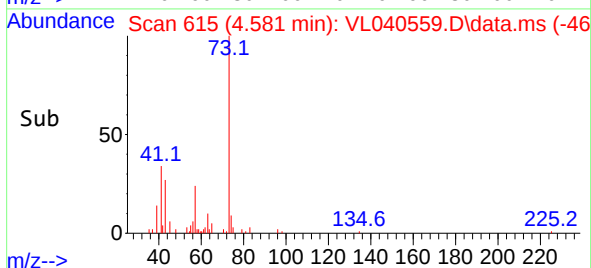
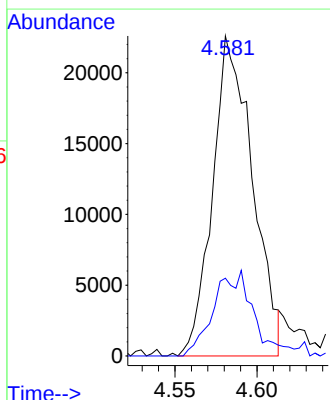
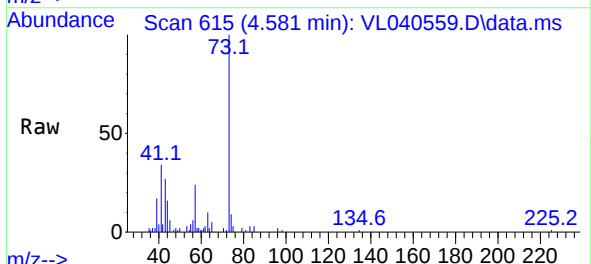
Manual Integrations
APPROVED

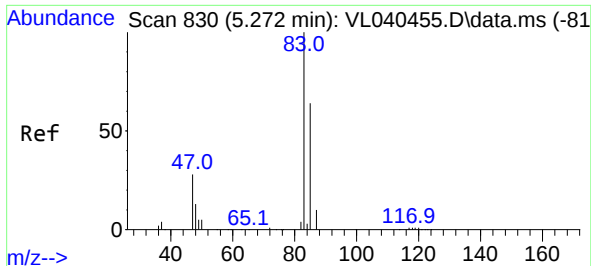
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#28
Methyl tert-Butyl Ether
Concen: 0.468 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.013 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 73 Resp: 38172
Ion Ratio Lower Upper
73 100
57 27.5 18.8 28.2





#29

Chloroform

Concen: 0.521 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.026 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Instrument :

MSVOA_L

ClientSampleId :

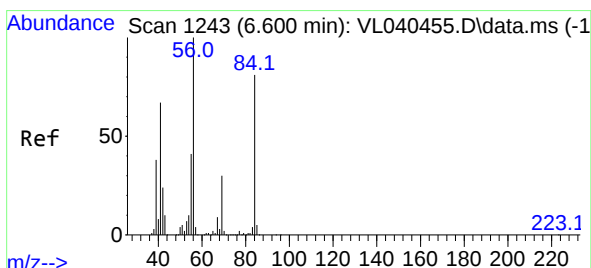
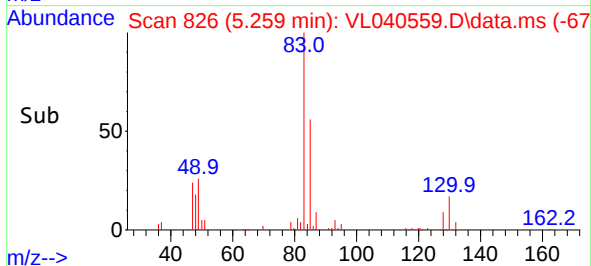
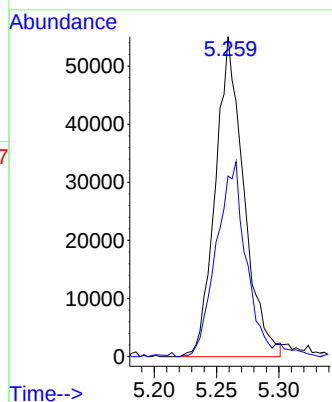
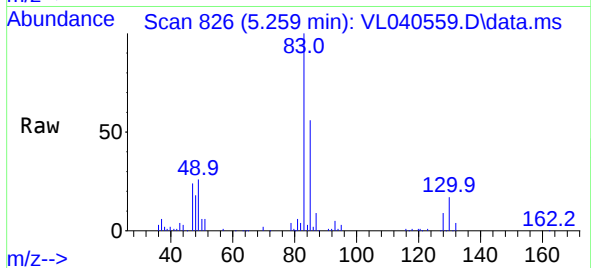
LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 83 Resp: 87625
 Ion Ratio Lower Upper
 83 100
 85 56.4 51.1 76.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023



#30

Cyclohexane

Concen: 0.301 ppbv

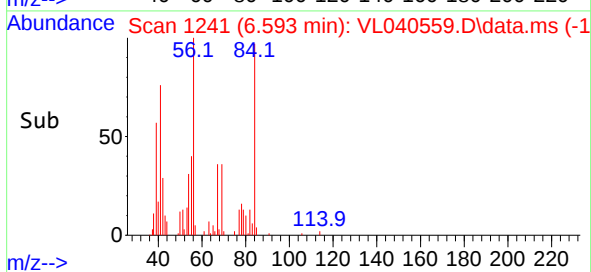
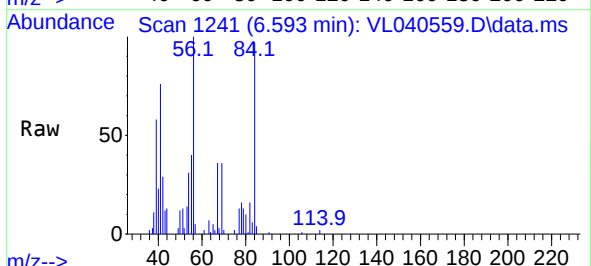
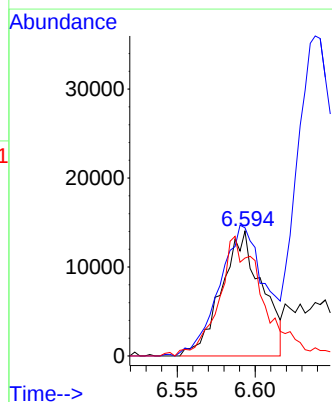
RT: 6.593 min Scan# 1241

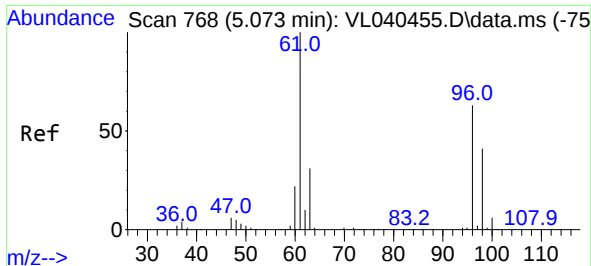
Delta R.T. -0.016 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

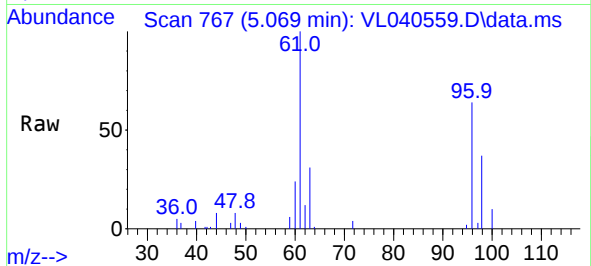
Tgt Ion: 84 Resp: 25423
 Ion Ratio Lower Upper
 84 100
 56 112.1 108.7 163.1
 41 107.2 64.5 96.7#





#31
cis-1,2-Dichloroethene
Concen: 0.405 ppbv m
RT: 5.069 min Scan# 70
Delta R.T. -0.016 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

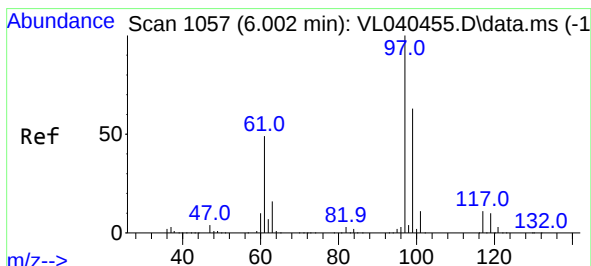
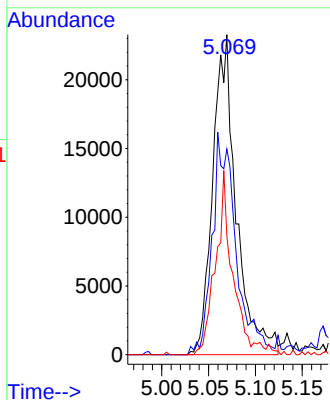
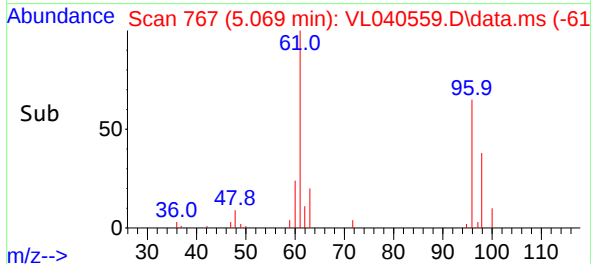
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 61 Resp: 4052
Ion Ratio Lower Upper
61 100
96 64.2 54.7 82.1
98 37.1 34.6 52.0

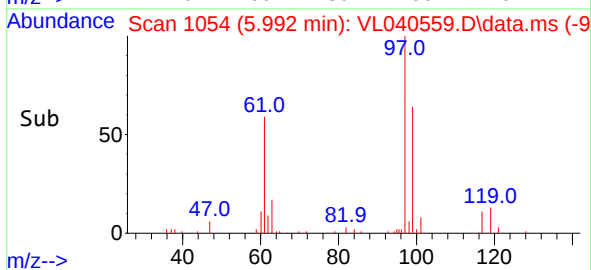
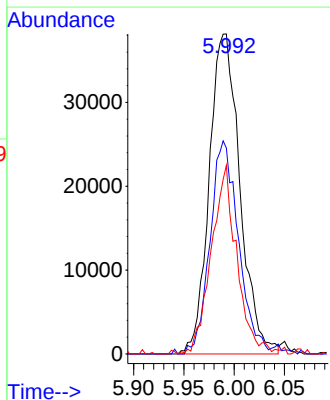
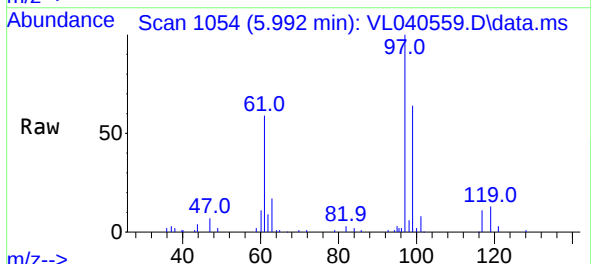
Manual Integrations
APPROVED

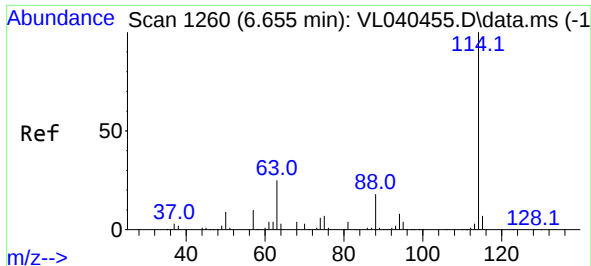
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#32
1,1,1-Trichloroethane
Concen: 0.493 ppbv
RT: 5.992 min Scan# 1054
Delta R.T. -0.020 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 97 Resp: 81036
Ion Ratio Lower Upper
97 100
99 63.0 52.0 78.0
61 49.6 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 1

Delta R.T. -0.023 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

Tgt Ion:114 Resp: 2479270

Ion Ratio Lower Upper

114 100

63 26.2 19.6 29.4

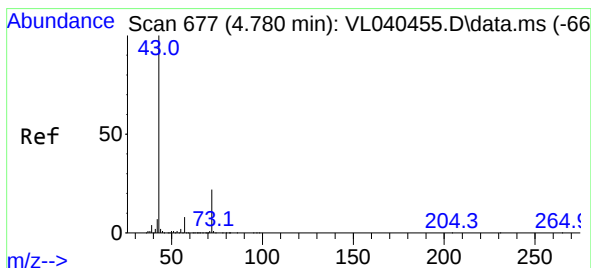
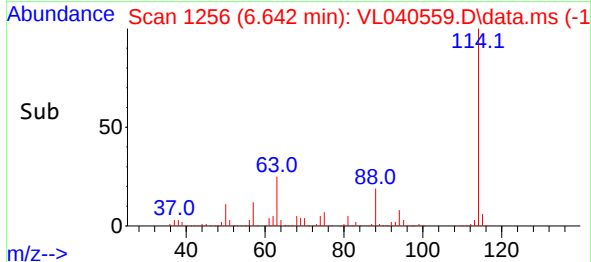
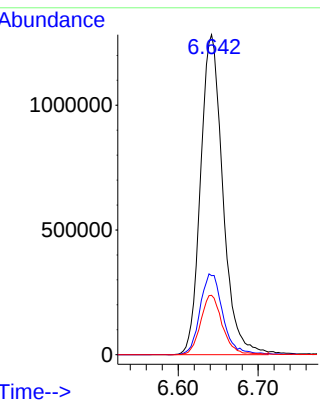
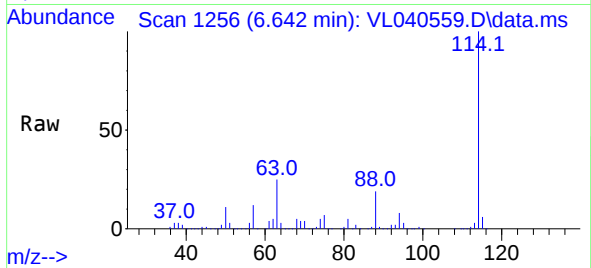
88 18.3 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#34

2-Butanone

Concen: 0.448 ppbv

RT: 4.790 min Scan# 680

Delta R.T. -0.003 min

Lab File: VL040559.D

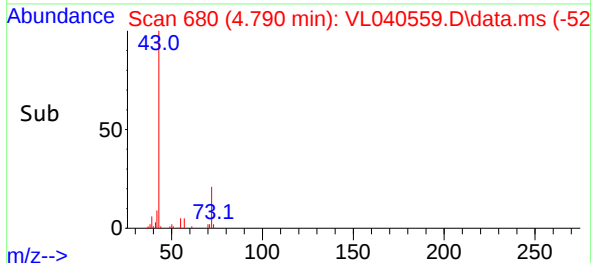
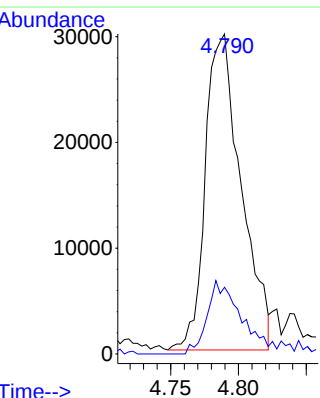
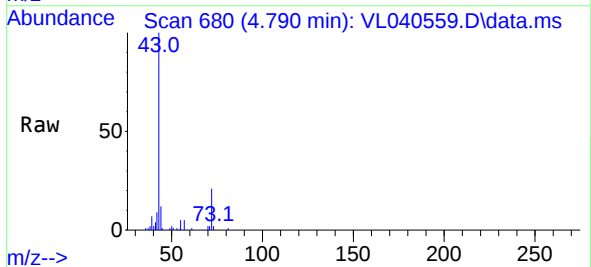
Acq: 27 Jul 2023 3:27

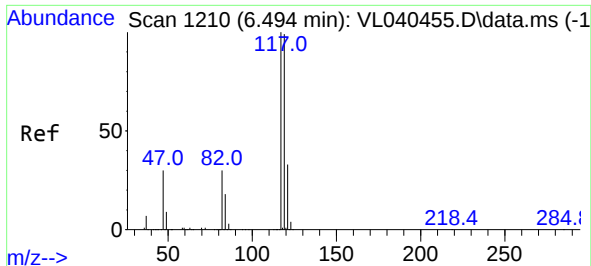
Tgt Ion: 43 Resp: 54930

Ion Ratio Lower Upper

43 100

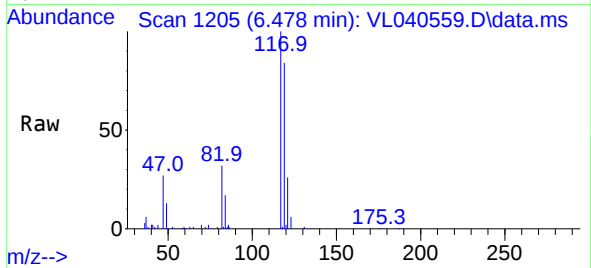
72 24.9 19.1 28.7





#35
Carbon Tetrachloride
Concen: 0.531 ppbv m
RT: 6.478 min Scan# 1170
Delta R.T. -0.026 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

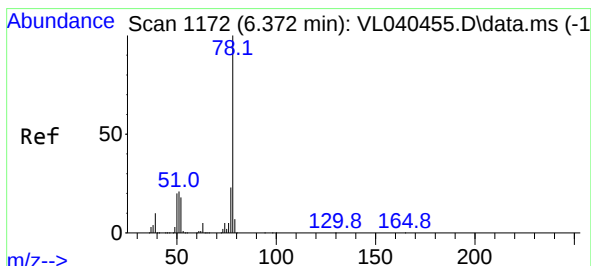
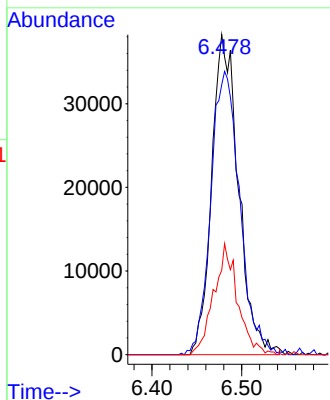
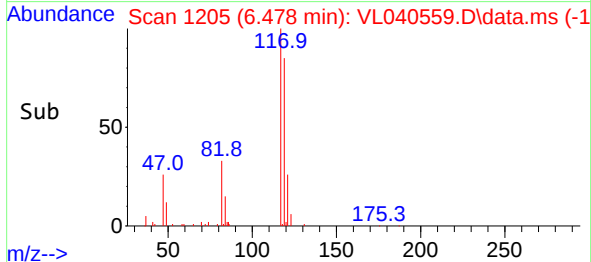
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 117 Resp: 79170
Ion Ratio Lower Upper
117 100
119 84.3 77.8 116.6
121 26.3 24.8 37.2

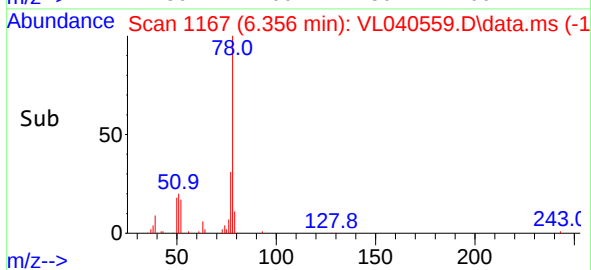
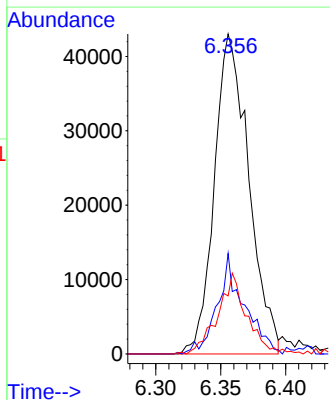
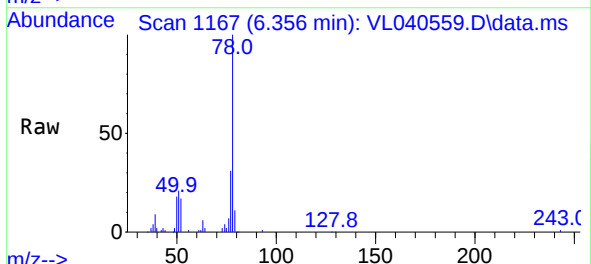
Manual Integrations
APPROVED

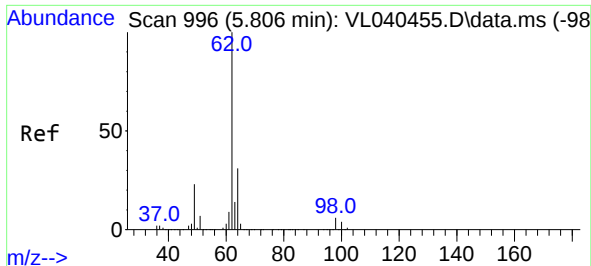
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#36
Benzene
Concen: 0.397 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. -0.026 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 78 Resp: 79132
Ion Ratio Lower Upper
78 100
77 30.9 17.4 26.0#
50 17.8 14.4 21.6





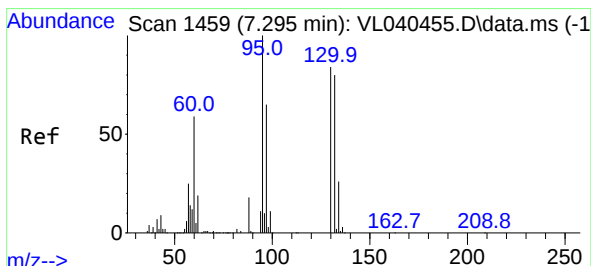
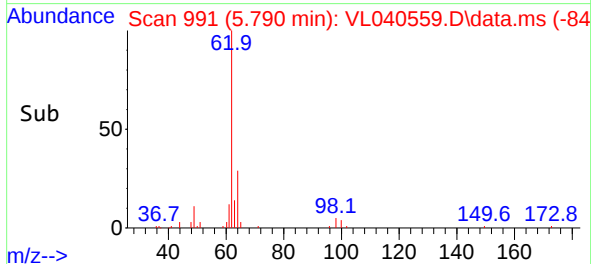
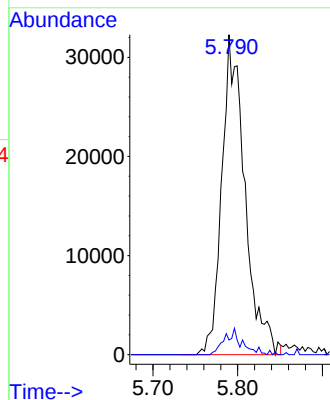
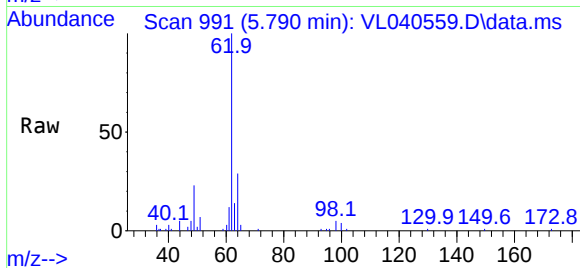
#37
1,2-Dichloroethane
Concen: 0.519 ppbv m
RT: 5.790 min Scan# 991
Delta R.T. -0.026 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 62 Resp: 60880
Ion Ratio Lower Upper
62 100
98 6.6 5.1 7.7

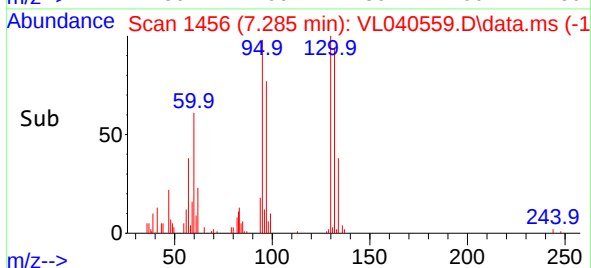
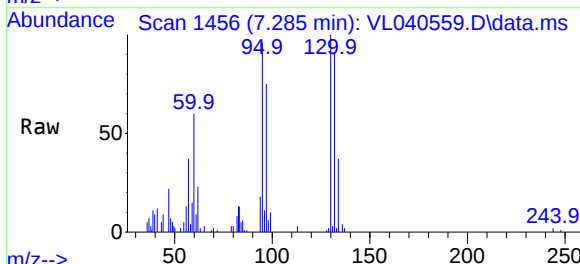
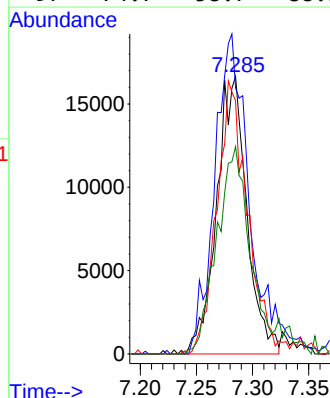
Manual Integrations
APPROVED

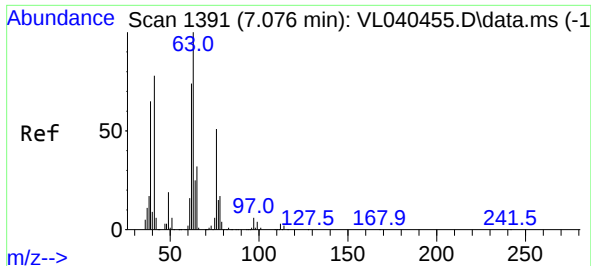
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#38
Trichloroethene
Concen: 0.412 ppbv m
RT: 7.285 min Scan# 1456
Delta R.T. -0.020 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion:130 Resp: 31118
Ion Ratio Lower Upper
130 100
95 95.9 90.2 135.2
132 91.2 76.3 114.5
97 74.7 58.7 88.1





#39

1,2-Dichloropropane

Concen: 0.452 ppbv

RT: 7.057 min Scan# 1385

Delta R.T. -0.026 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

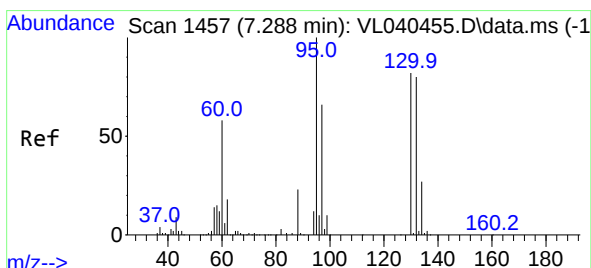
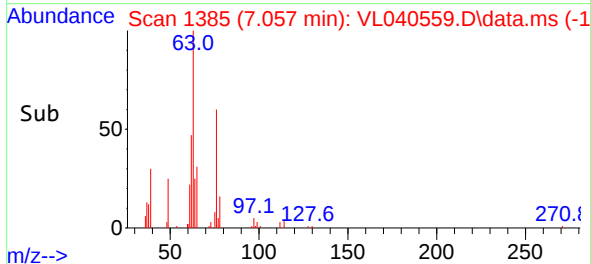
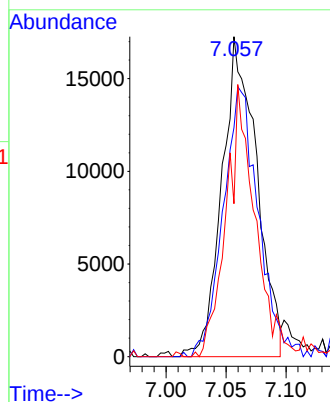
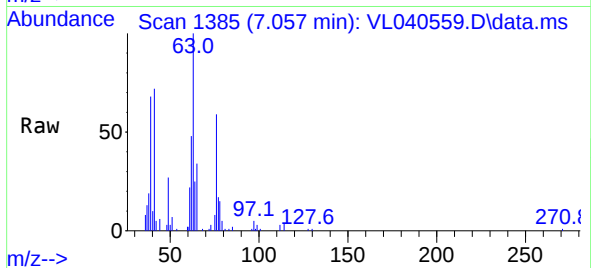
Tgt Ion: 63 Resp: 34680

Ion	Ratio	Lower	Upper
63	100		
41	71.5	54.3	81.5
62	46.8	55.6	83.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#40

1,4-Dioxane

Concen: 0.373 ppbv m

RT: 7.320 min Scan# 1467

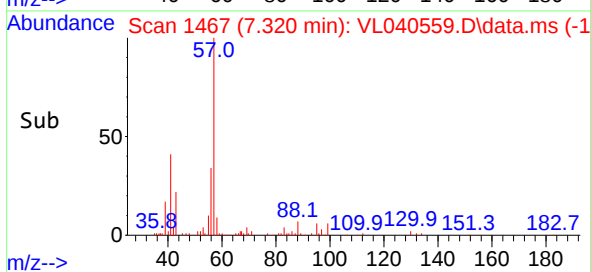
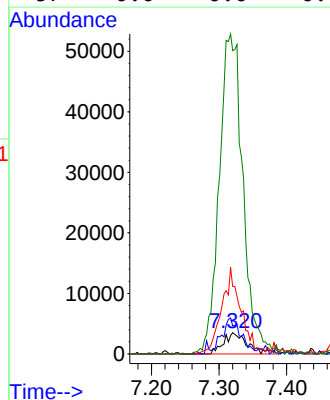
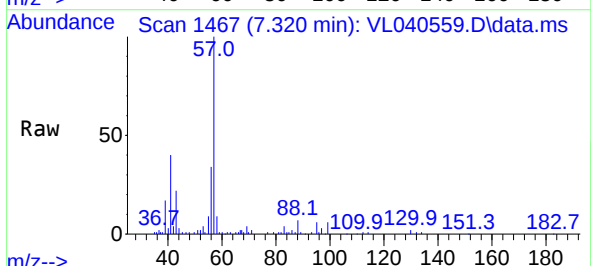
Delta R.T. 0.022 min

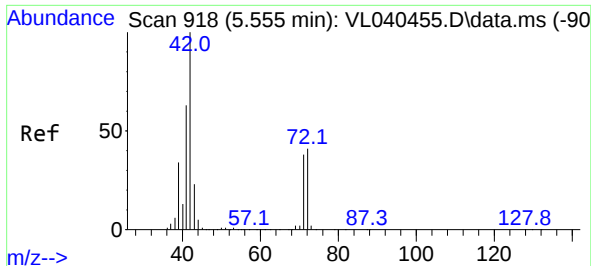
Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Tgt Ion: 88 Resp: 8953

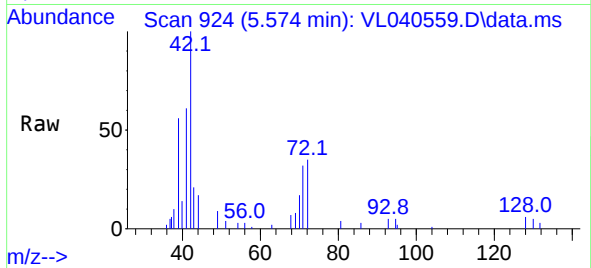
Ion	Ratio	Lower	Upper
88	100		
58	0.0	58.6	88.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 0.353 ppbv m
RT: 5.574 min Scan# 918
Delta R.T. 0.009 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

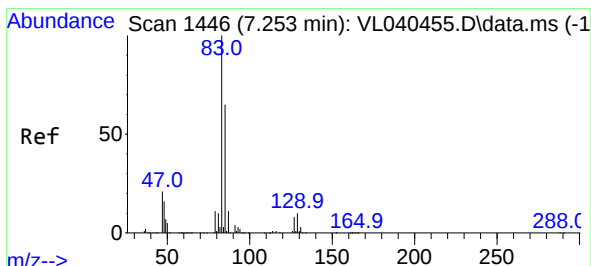
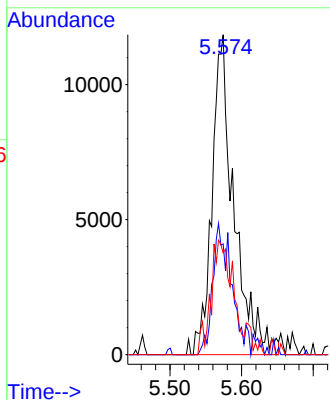
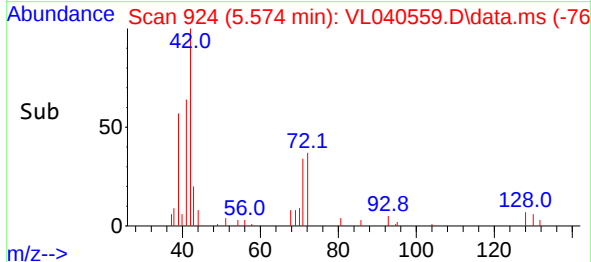
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



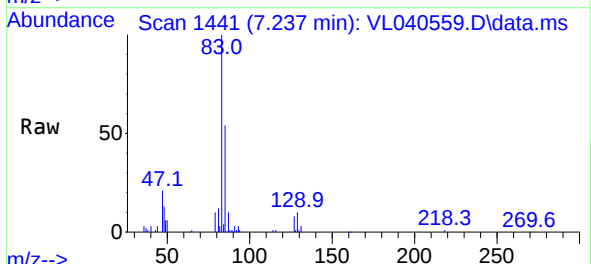
Tgt Ion: 42 Resp: 25259
Ion Ratio Lower Upper
42 100
72 0.0 33.8 50.8
71 0.0 33.0 49.6

Manual Integrations
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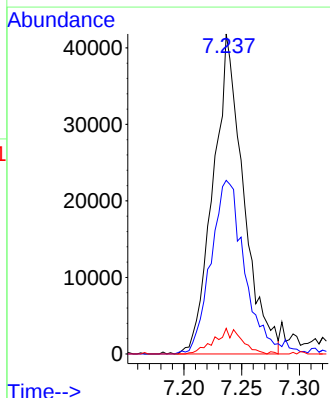
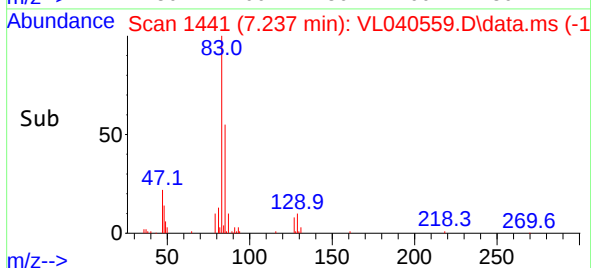
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

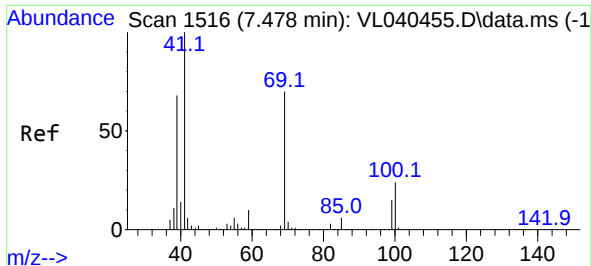


#42
Bromodichloromethane
Concen: 0.467 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.023 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27



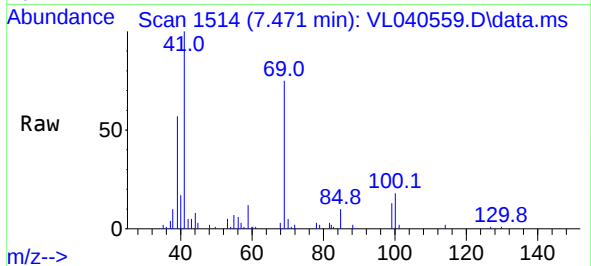
Tgt Ion: 83 Resp: 76196
Ion Ratio Lower Upper
83 100
85 53.9 51.1 76.7
127 8.0 6.5 9.7





#43
Methyl Methacrylate
Concen: 0.283 ppbv
RT: 7.471 min Scan# 1114
Delta R.T. -0.013 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

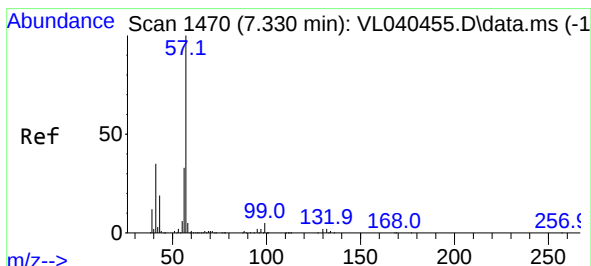
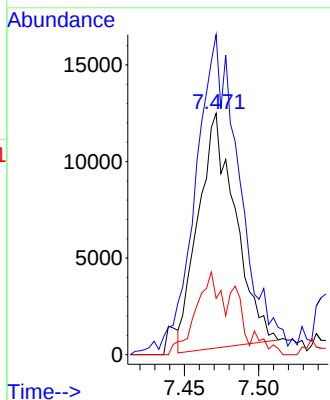
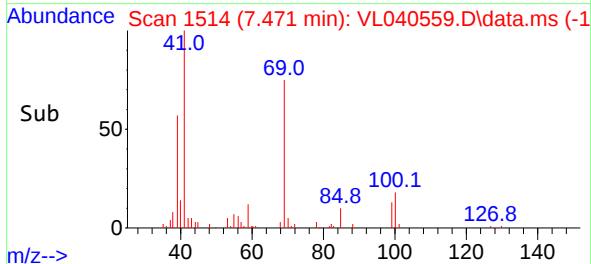
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



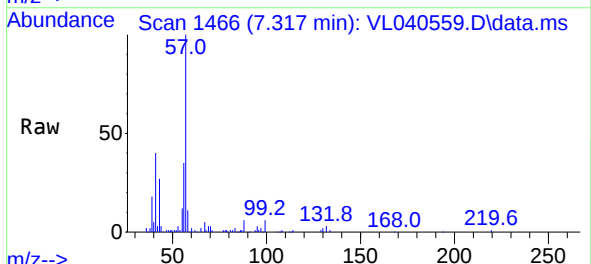
Tgt Ion: 69 Resp: 2114
Ion Ratio Lower Upper
69 100
41 164.0 111.7 167.5
100 37.8 26.9 40.3

Manual Integrations
APPROVED

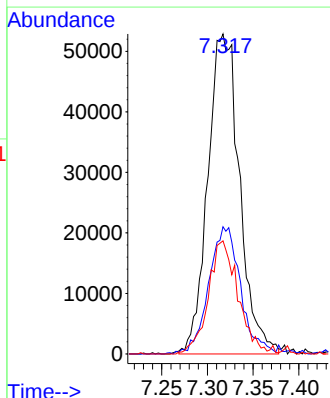
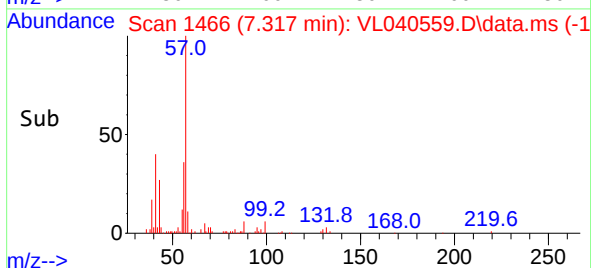
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

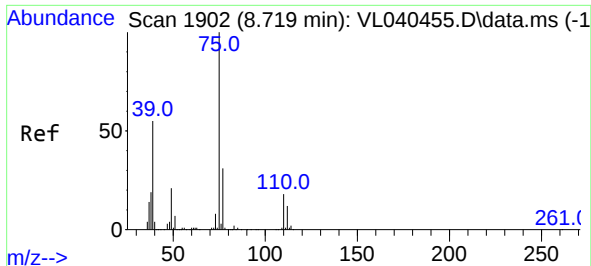


#44
2,2,4-Trimethylpentane
Concen: 0.398 ppbv m
RT: 7.317 min Scan# 1466
Delta R.T. -0.020 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27



Tgt Ion: 57 Resp: 127804
Ion Ratio Lower Upper
57 100
41 40.5 25.5 38.3#
56 34.0 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 0.283 ppbv

RT: 8.700 min Scan# 11

Delta R.T. -0.023 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Instrument :

MSVOA_L

ClientSampleId :

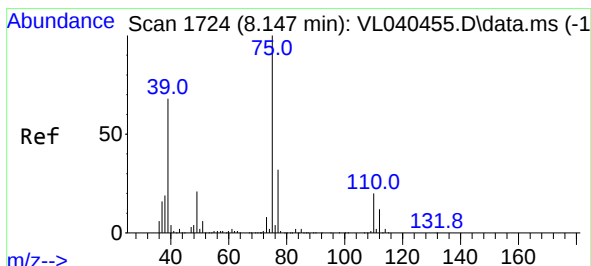
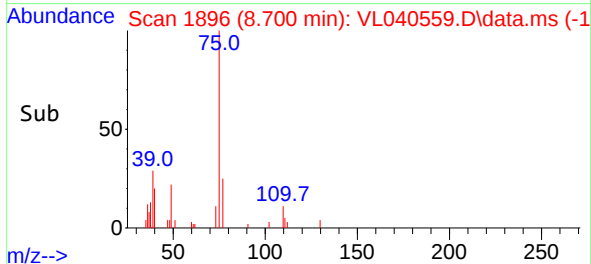
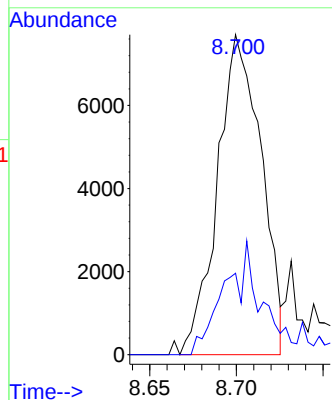
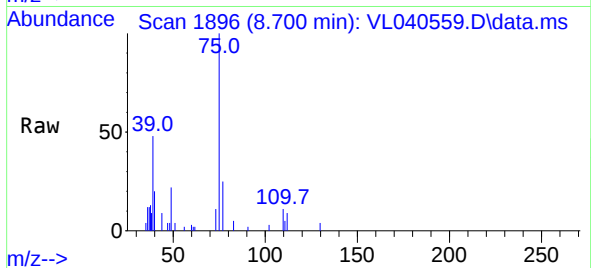
LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 75 Resp: 1355
 Ion Ratio Lower Upper
 75 100
 77 25.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023



#46

cis-1,3-Dichloropropene

Concen: 0.295 ppbv

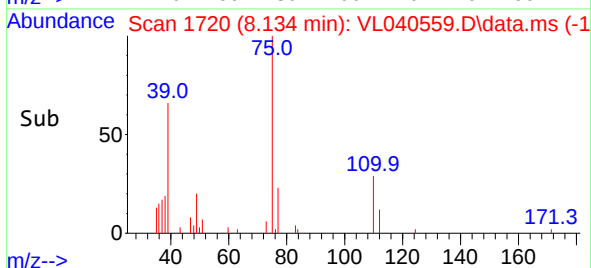
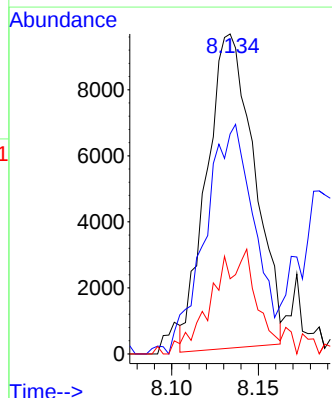
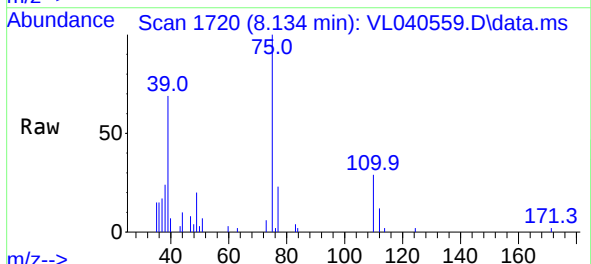
RT: 8.134 min Scan# 1720

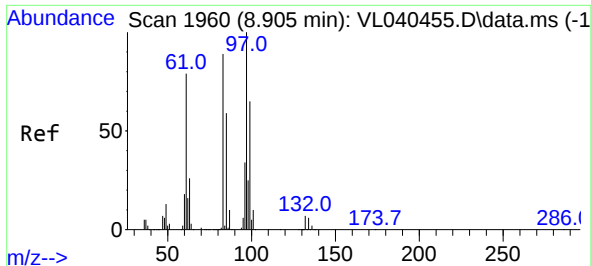
Delta R.T. -0.020 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Tgt Ion: 75 Resp: 18152
 Ion Ratio Lower Upper
 75 100
 39 62.0 48.0 72.0
 77 22.3 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 0.459 ppbv m

RT: 8.883 min Scan# 1960

Delta R.T. -0.026 min

Lab File: VL040559.D

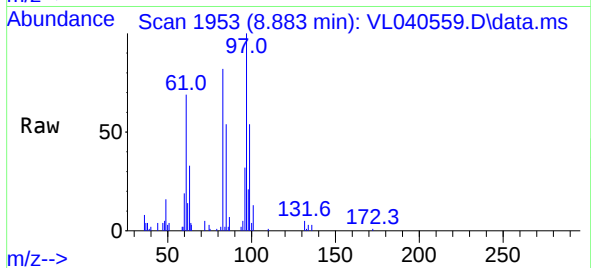
Acq: 27 Jul 2023 3:27

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 97 Resp: 38920

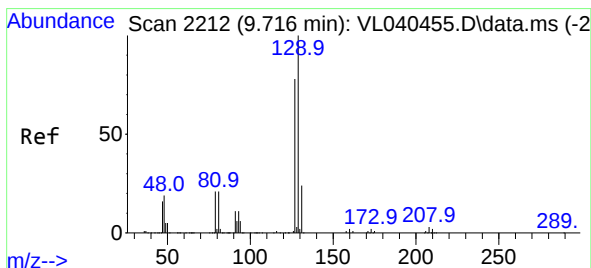
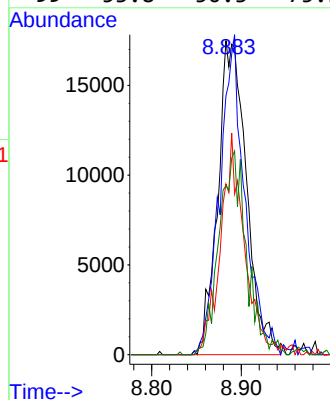
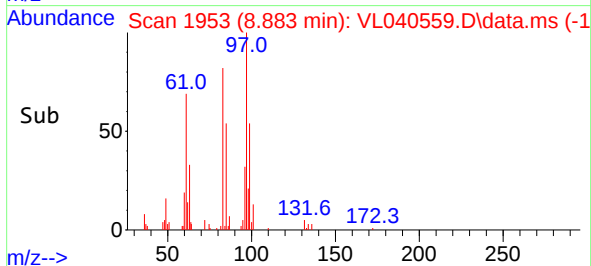
Ion	Ratio	Lower	Upper
97	100		
83	82.4	73.4	110.0
85	54.4	46.6	70.0
99	53.8	50.3	75.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#48

Dibromochloromethane

Concen: 0.403 ppbv m

RT: 9.696 min Scan# 2206

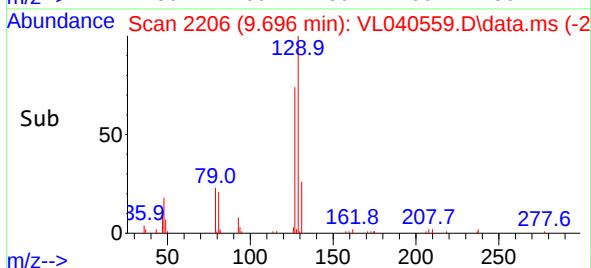
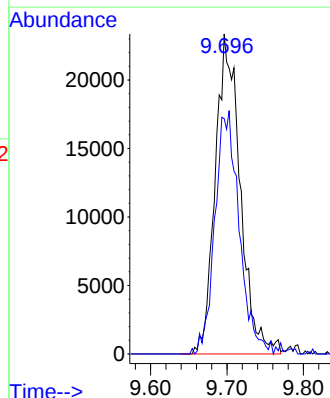
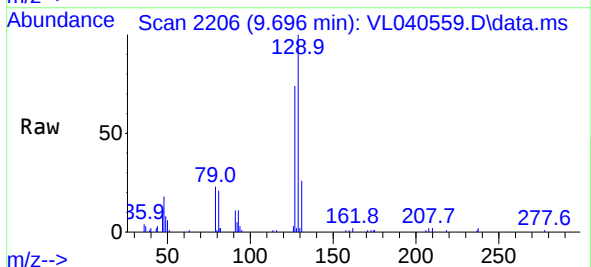
Delta R.T. -0.026 min

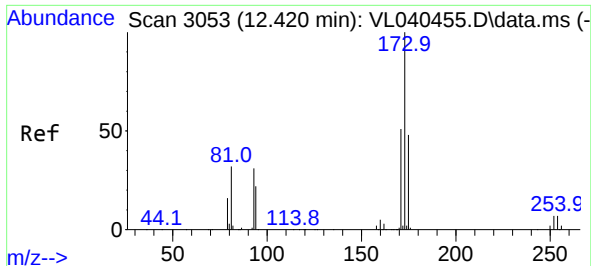
Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Tgt Ion:129 Resp: 52761

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.3





#49

Bromoform

Concen: 0.352 ppbv m

RT: 12.397 min Scan# 3053

Delta R.T. -0.026 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Instrument :

MSVOA_L

ClientSampleId :

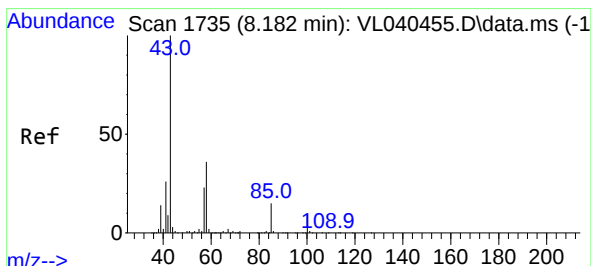
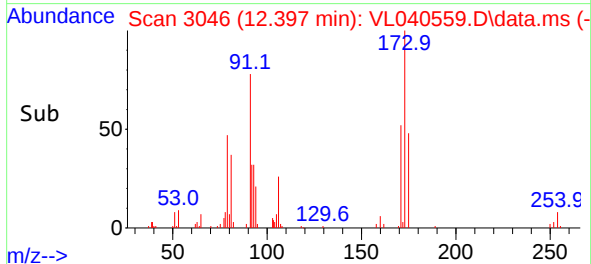
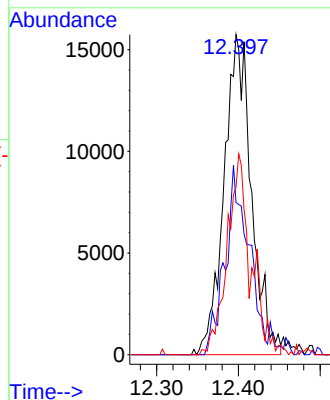
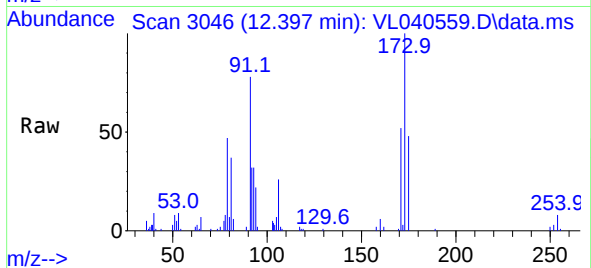
LOD-MDL-AIR-01-QT3-2023

Tgt Ion:173	Resp:	3659
Ion Ratio	Lower	Upper
173	100	
175	53.8	39.5 59.3
171	54.5	42.2 63.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#50

4-Methyl-2-Pentanone

Concen: 0.348 ppbv m

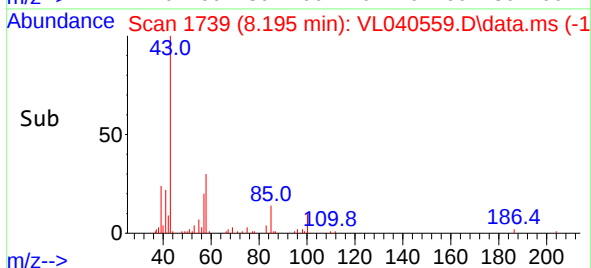
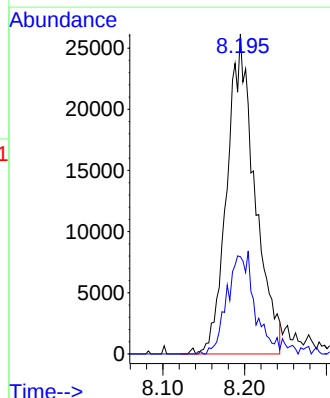
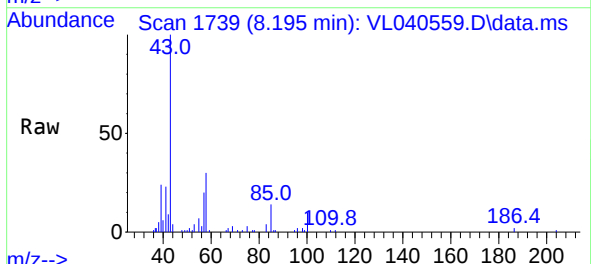
RT: 8.195 min Scan# 1739

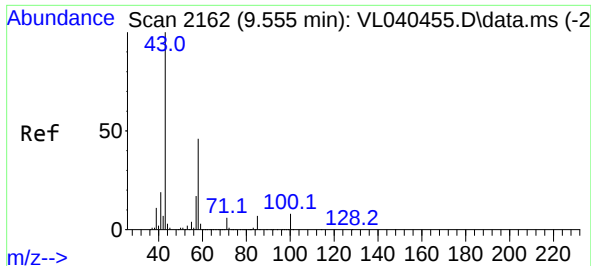
Delta R.T. 0.003 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

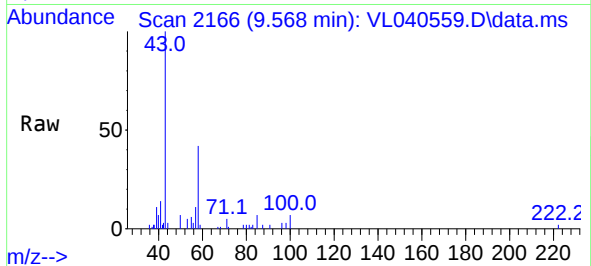
Tgt Ion: 43	Resp:	61957
Ion Ratio	Lower	Upper
43	100	
58	0.0	30.2 45.2#





#51
2-Hexanone
Concen: 0.303 ppbv m
RT: 9.568 min Scan# 2162
Delta R.T. 0.007 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

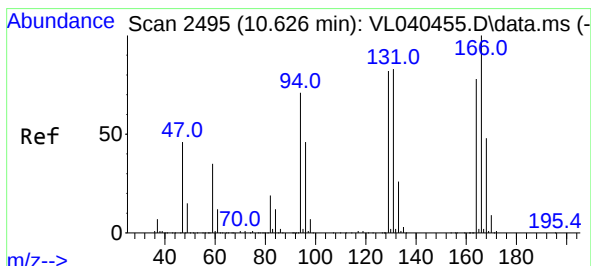
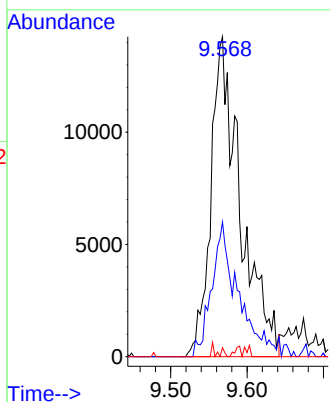
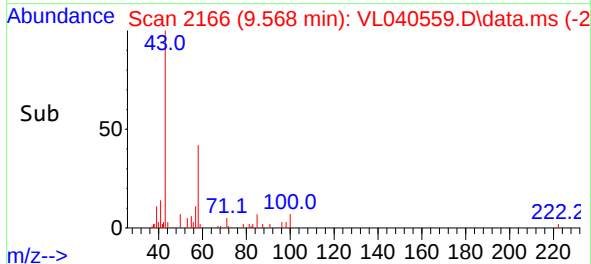
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 43 Resp: 38150
Ion Ratio Lower Upper
43 100
58 38.7 39.7 59.5
98 1.9 0.3 0.5

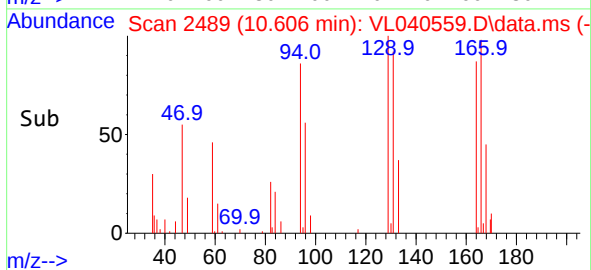
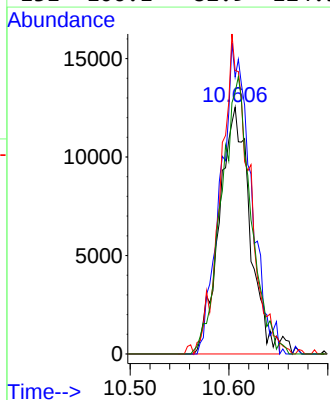
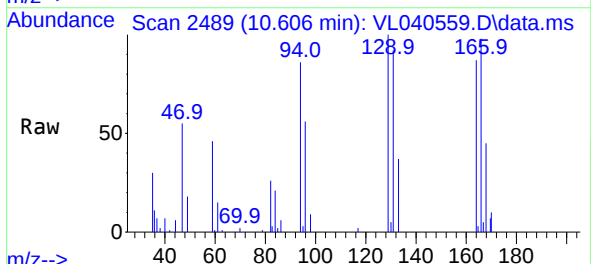
Manual Integrations
APPROVED

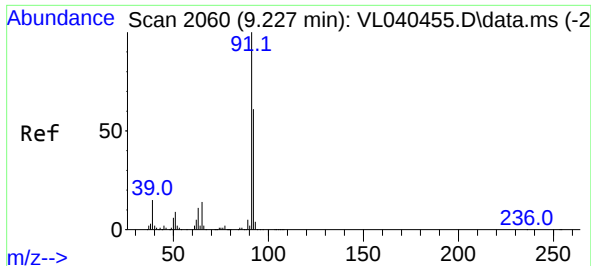
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#52
Tetrachloroethene
Concen: 0.417 ppbv m
RT: 10.606 min Scan# 2489
Delta R.T. -0.020 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion:164 Resp: 26934
Ion Ratio Lower Upper
164 100
166 112.3 103.9 155.9
129 114.9 84.6 126.8
131 106.1 82.9 124.3





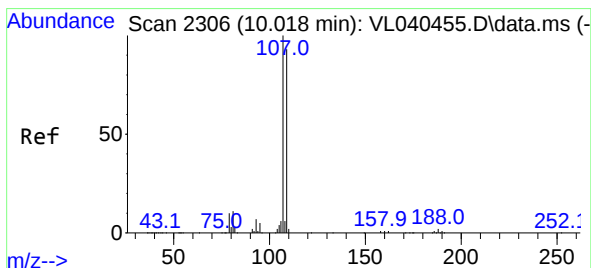
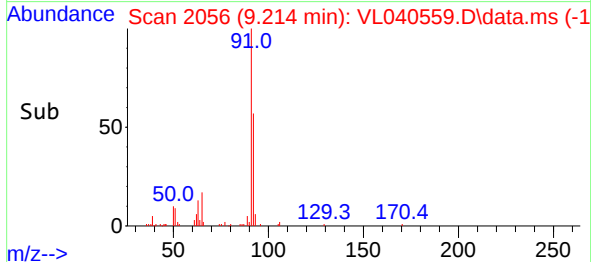
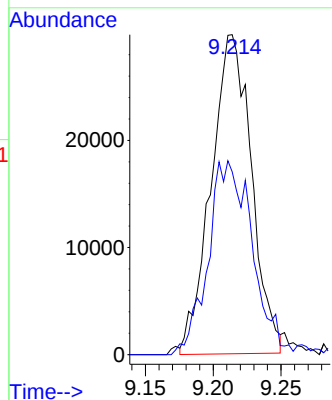
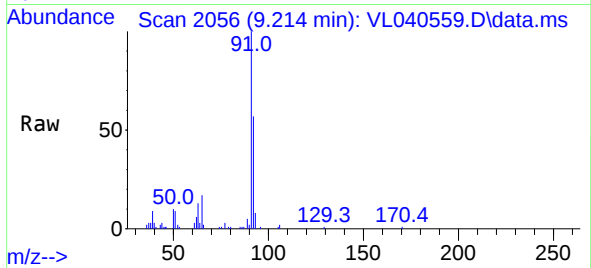
#53
Toluene
Concen: 0.285 ppbv
RT: 9.214 min Scan# 2060
Delta R.T. -0.016 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 91 Resp: 61690
Ion Ratio Lower Upper
91 100
92 67.6 49.1 73.7

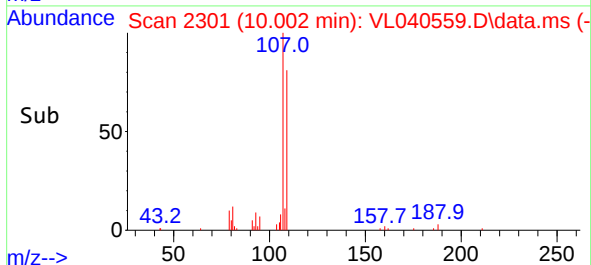
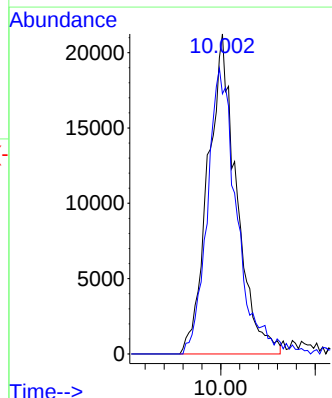
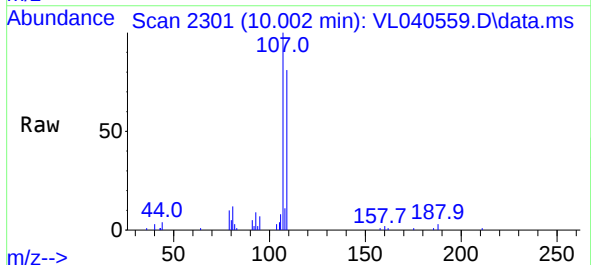
Manual Integrations
APPROVED

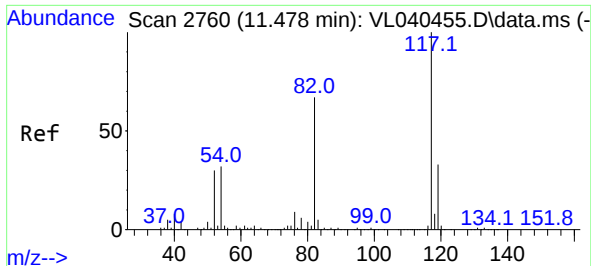
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#54
1,2-Dibromoethane
Concen: 0.425 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.020 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

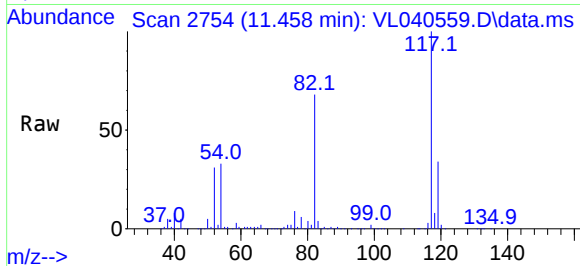
Tgt Ion:107 Resp: 44801
Ion Ratio Lower Upper
107 100
109 81.3 75.4 113.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 216362
Delta R.T. -0.020 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

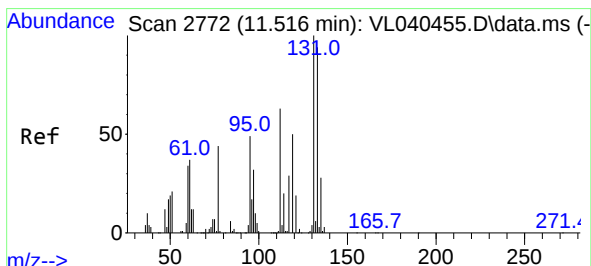
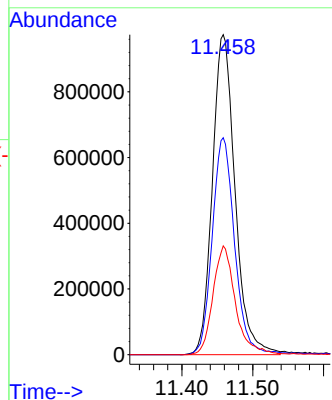
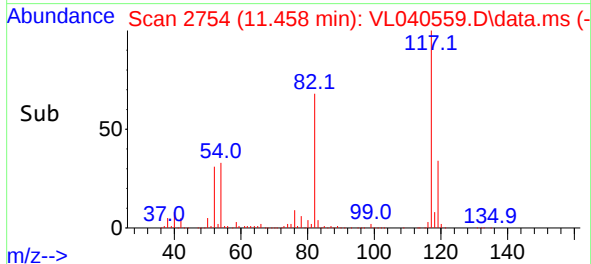
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



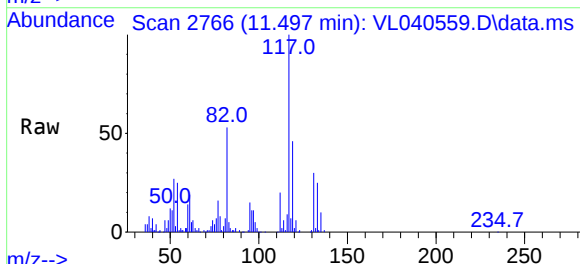
Tgt Ion:117 Resp: 216362
Ion Ratio Lower Upper
117 100
82 68.1 50.2 75.4
119 34.1 26.9 40.3

Manual Integrations
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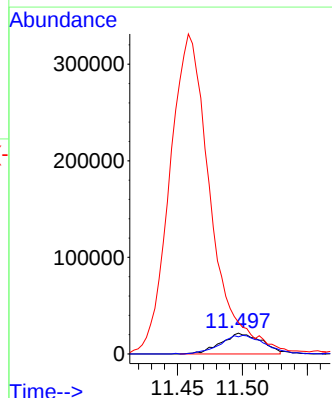
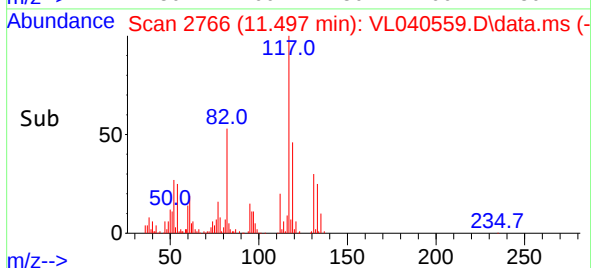
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

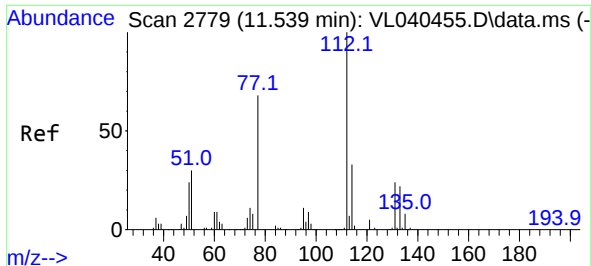


#56
1,1,1,2-Tetrachloroethane
Concen: 0.480 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.023 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27



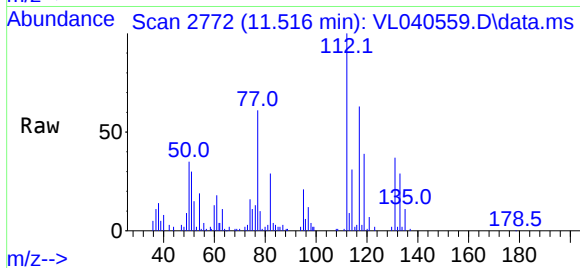
Tgt Ion:131 Resp: 46485
Ion Ratio Lower Upper
131 100
133 100.0 76.3 114.5
119 1588.4 51.1 76.7#





#57
Chlorobenzene
Concen: 0.481 ppbv
RT: 11.516 min Scan# 2119
Delta R.T. -0.020 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

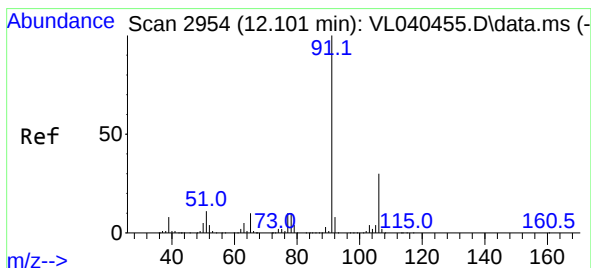
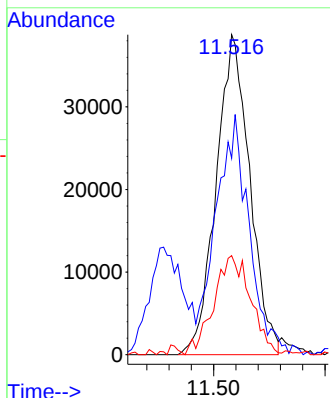
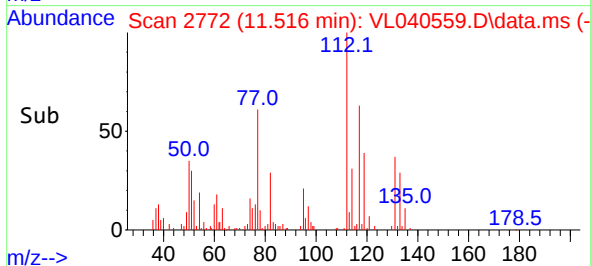
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 112 Resp: 8119
Ion Ratio Lower Upper
112 100
77 56.0 51.0 76.6
114 30.3 28.3 34.5

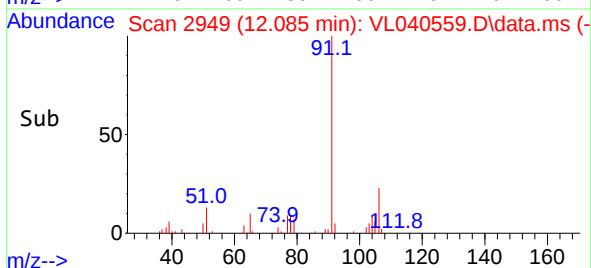
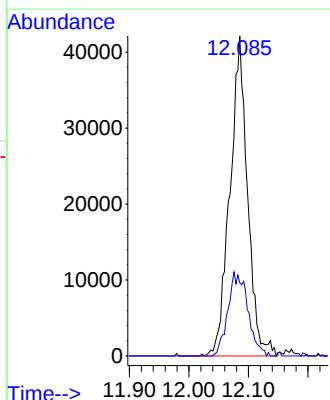
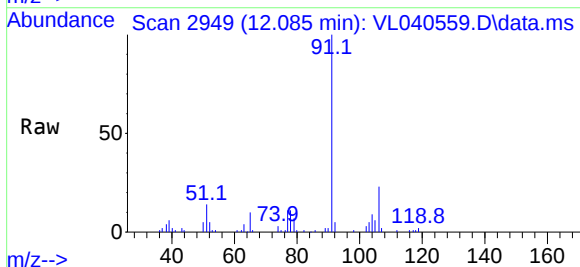
Manual Integrations
APPROVED

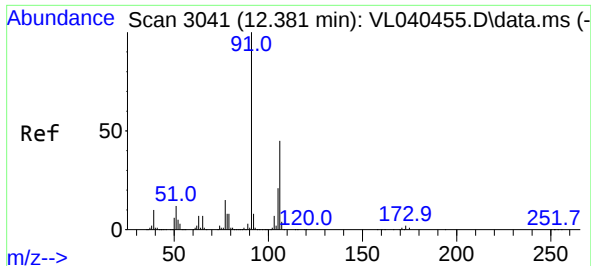
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#58
Ethyl Benzene
Concen: 0.320 ppbv m
RT: 12.085 min Scan# 2949
Delta R.T. -0.016 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 91 Resp: 86979
Ion Ratio Lower Upper
91 100
106 22.9 25.4 38.0#





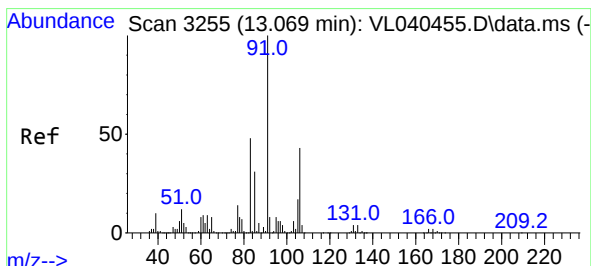
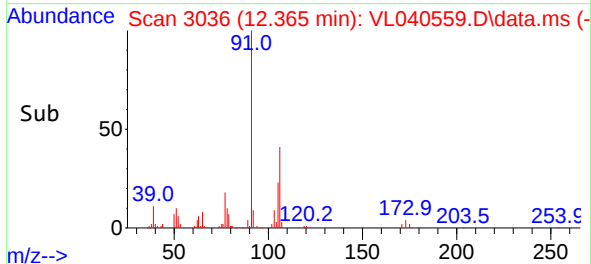
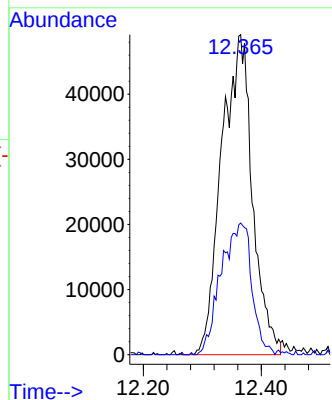
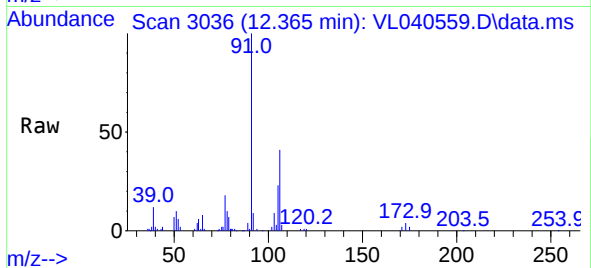
#59
m/p-Xylene
Concen: 0.735 ppbv m
RT: 12.365 min Scan# 3041
Delta R.T. -0.020 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 91 Resp: 178100
Ion Ratio Lower Upper
91 100
106 41.3 35.9 53.9

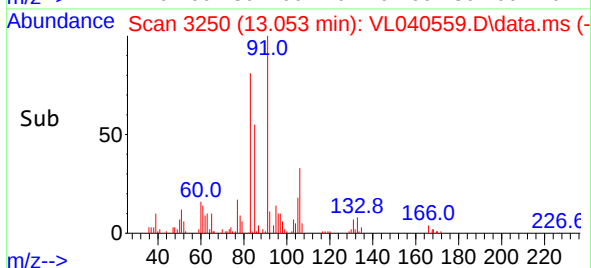
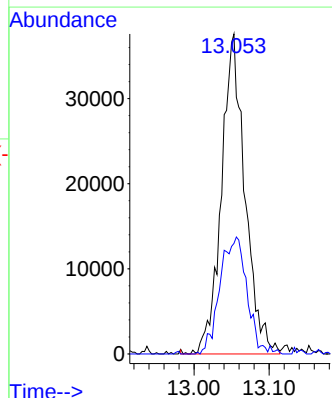
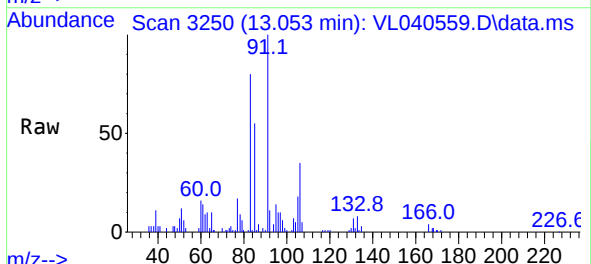
Manual Integrations
APPROVED

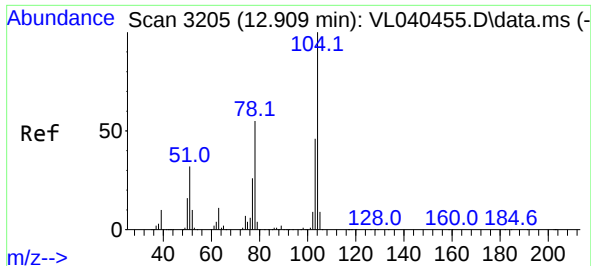
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#60
o-Xylene
Concen: 0.355 ppbv m
RT: 13.053 min Scan# 3250
Delta R.T. -0.016 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 91 Resp: 81921
Ion Ratio Lower Upper
91 100
106 42.1 22.7 68.0





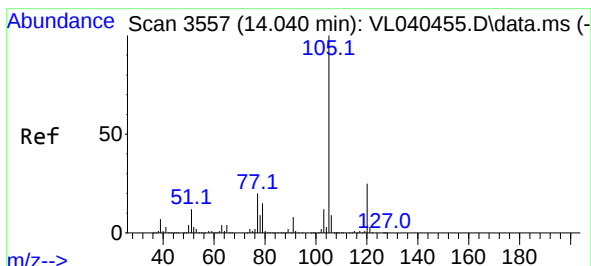
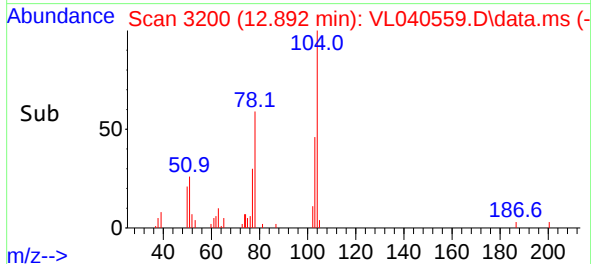
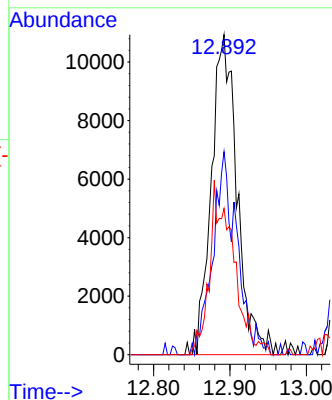
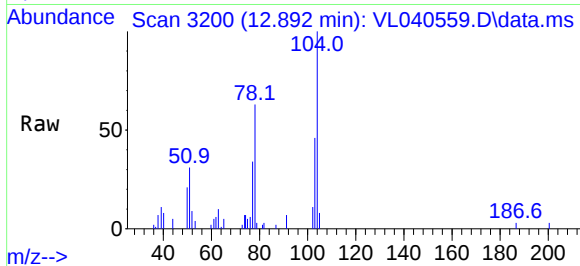
#61
Styrene
Concen: 0.242 ppbv m
RT: 12.892 min Scan# 31
Delta R.T. -0.020 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

Tgt Ion:104 Resp: 2578
Ion Ratio Lower Upper
104 100
78 59.4 40.1 60.1
103 49.8 37.0 55.4

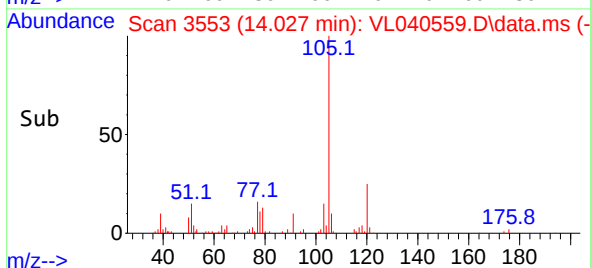
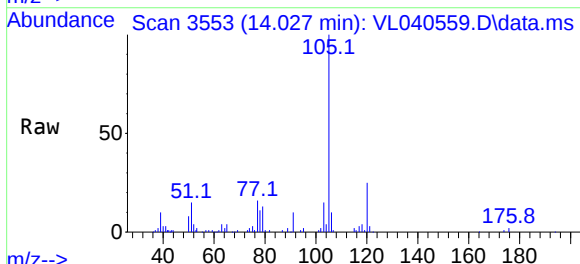
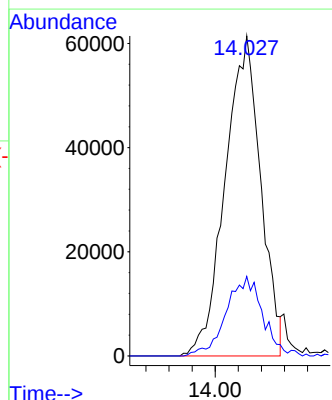
Manual Integrations
APPROVED

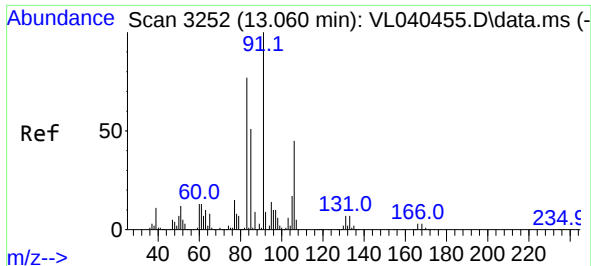
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#62
Isopropylbenzene
Concen: 0.379 ppbv
RT: 14.027 min Scan# 3553
Delta R.T. -0.013 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

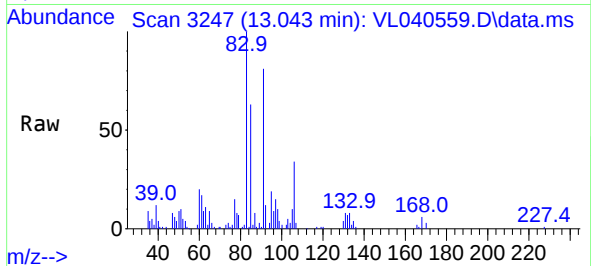
Tgt Ion:105 Resp: 131167
Ion Ratio Lower Upper
105 100
120 25.5 20.8 31.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.521 ppbv
RT: 13.043 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

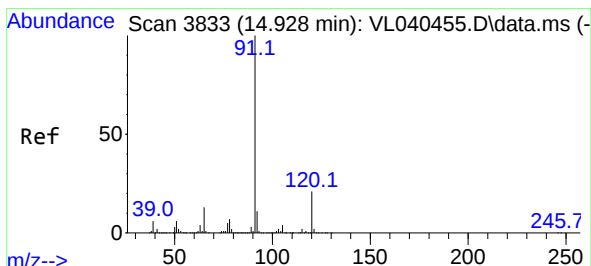
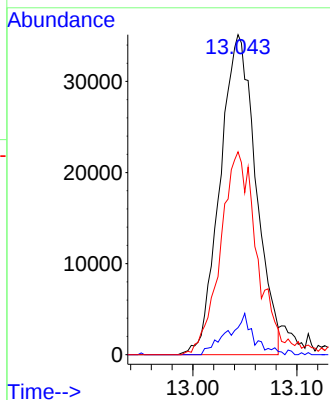
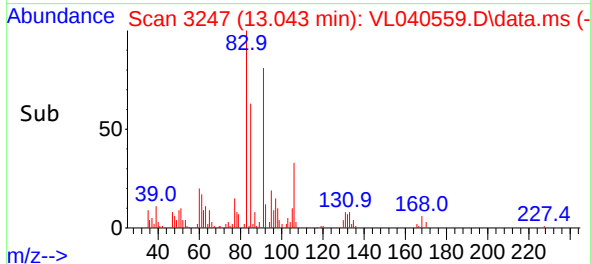
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 83 Resp: 8415
Ion Ratio Lower Upper
83 100
131 9.6 4.6 13.8
85 66.4 32.8 98.3

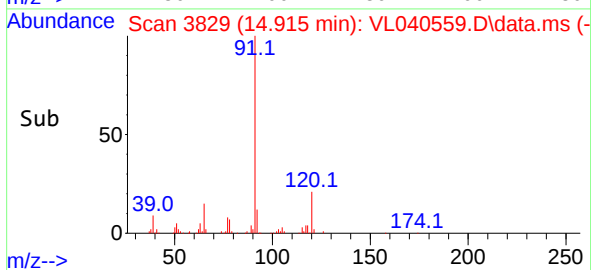
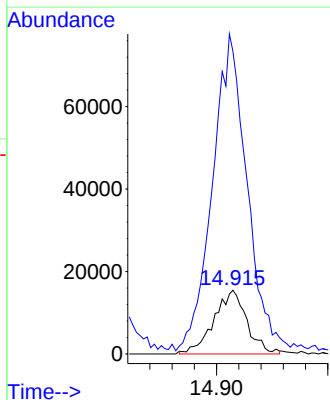
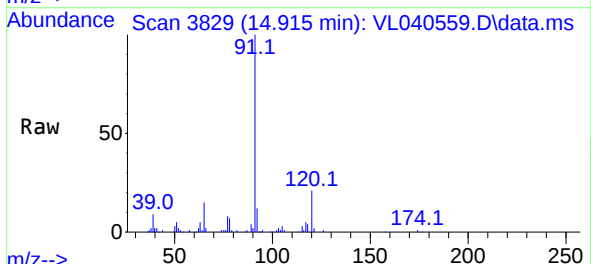
Manual Integrations
APPROVED

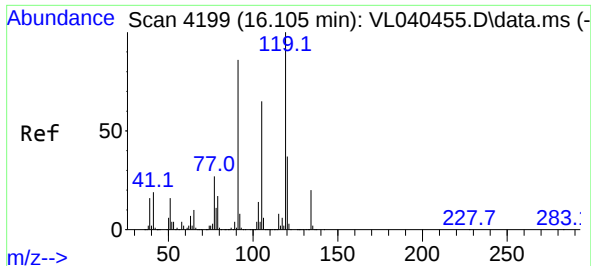
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#64
n-propylbenzene
Concen: 0.355 ppbv m
RT: 14.915 min Scan# 3829
Delta R.T. -0.016 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion:120 Resp: 31746
Ion Ratio Lower Upper
120 100
91 539.2 374.3 561.5





#65

tert-Butylbenzene

Concen: 0.366 ppbv

RT: 16.088 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

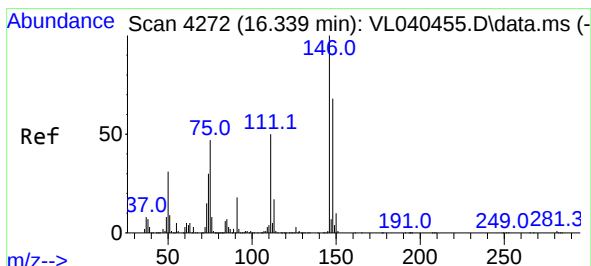
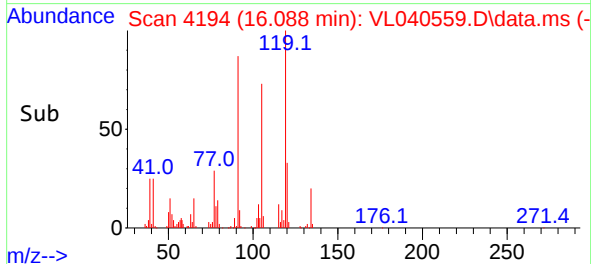
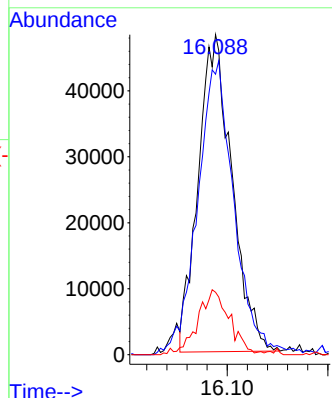
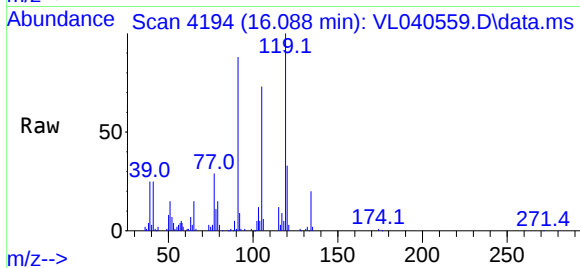
Tgt Ion:	119	Resp:	112118
Ion Ratio	Lower	Upper	
119	100		
91	101.2	66.1	99.1#
134	19.8	15.7	23.5#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#66

Benzyl Chloride

Concen: 0.425 ppbv m

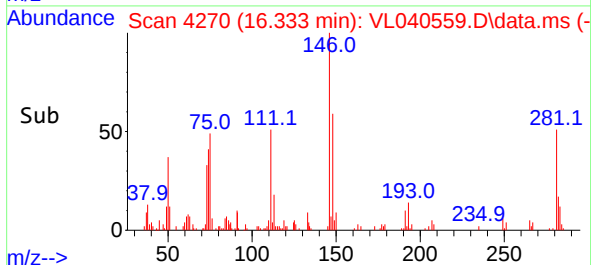
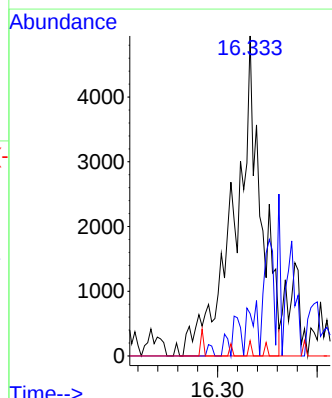
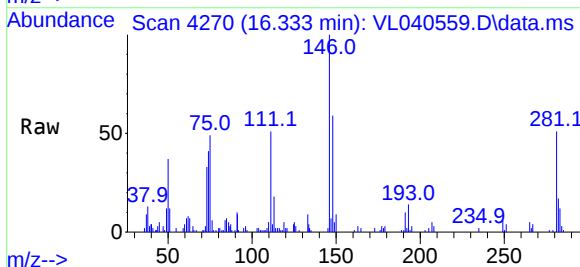
RT: 16.333 min Scan# 4270

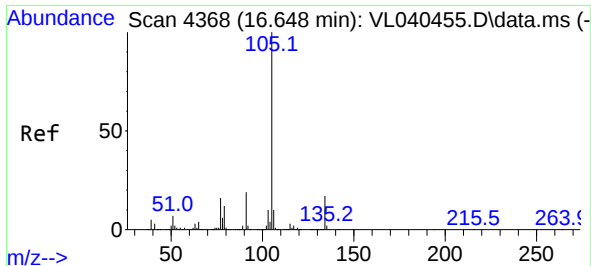
Delta R.T. -0.003 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

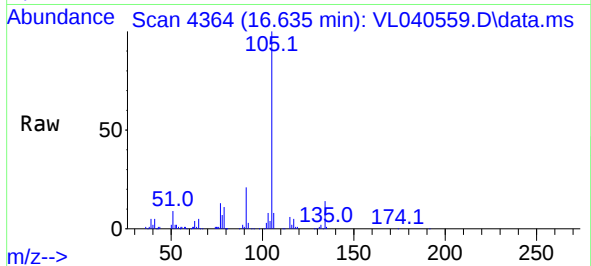
Tgt Ion:	91	Resp:	9207
Ion Ratio	Lower	Upper	
91	100		
126	0.0	15.4	23.2#
128	0.0	4.5	6.7#





#67
 sec-Butylbenzene
 Concen: 0.393 ppbv
 RT: 16.635 min Scan# 4364
 Delta R.T. -0.013 min
 Lab File: VL040559.D
 Acq: 27 Jul 2023 3:27

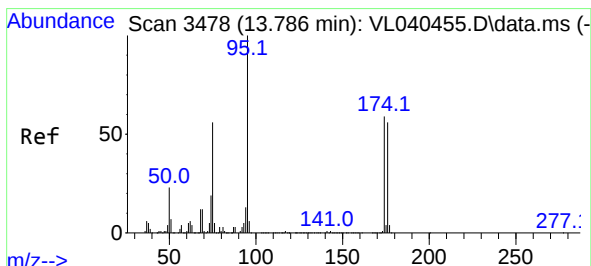
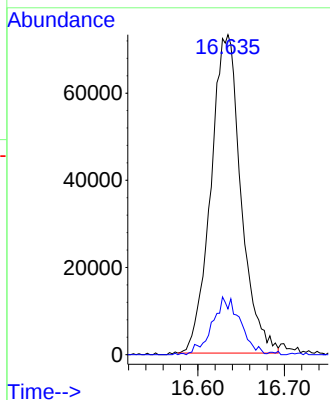
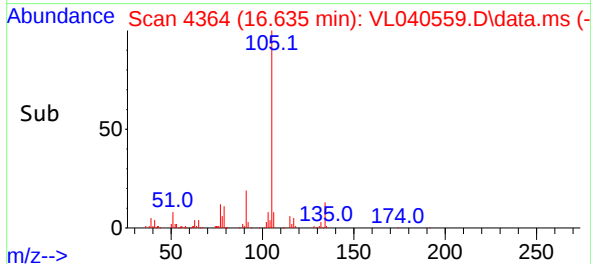
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023



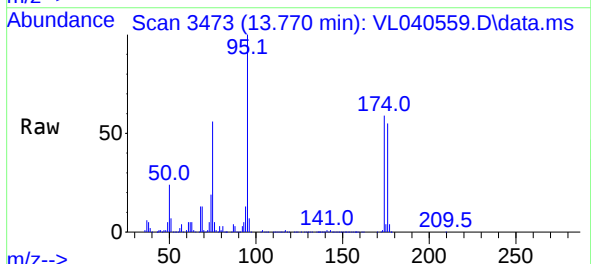
Tgt Ion:105 Resp: 177018
 Ion Ratio Lower Upper
 105 100
 134 17.0 14.4 21.6

Manual Integrations
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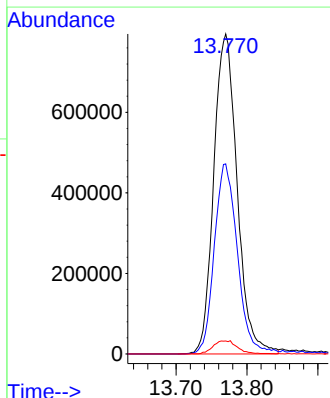
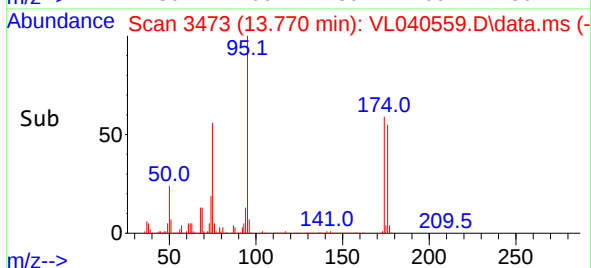
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023

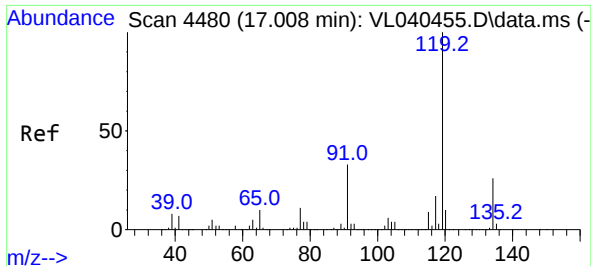


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.638 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.013 min
 Lab File: VL040559.D
 Acq: 27 Jul 2023 3:27



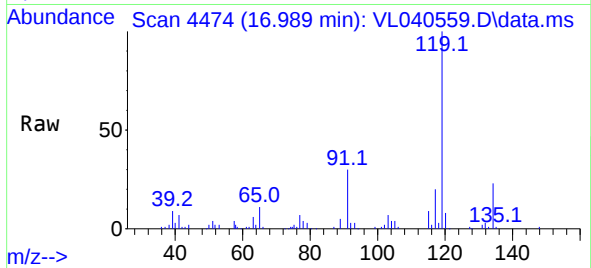
Tgt Ion: 95 Resp: 1821653
 Ion Ratio Lower Upper
 95 100
 174 60.3 50.6 75.8
 175 4.4 3.7 5.5





#69
p-Isopropyltoluene
Concen: 0.357 ppbv m
RT: 16.989 min Scan# 4480
Delta R.T. -0.016 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

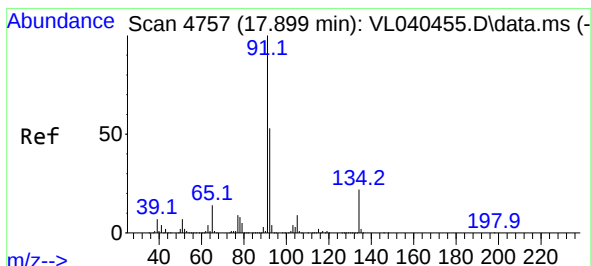
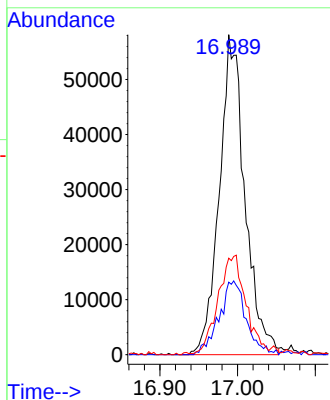
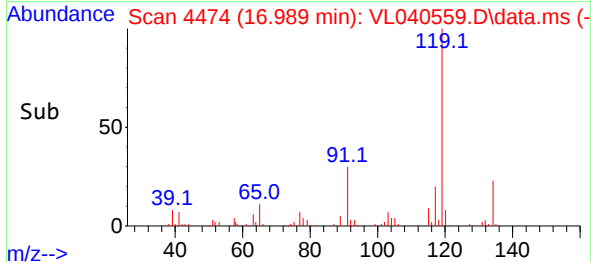
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



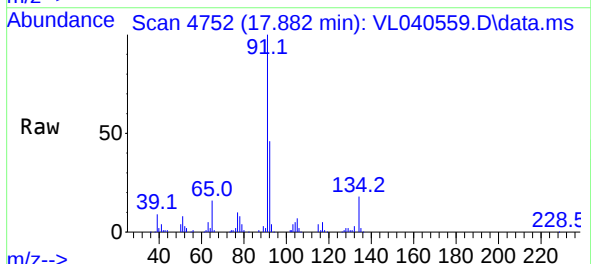
Tgt Ion:119 Resp: 132645
Ion Ratio Lower Upper
119 100
134 0.0 20.5 30.7
91 0.0 23.8 35.8

Manual Integrations
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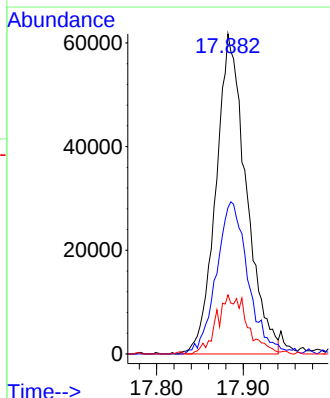
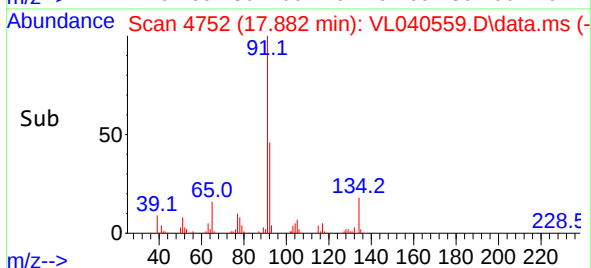
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

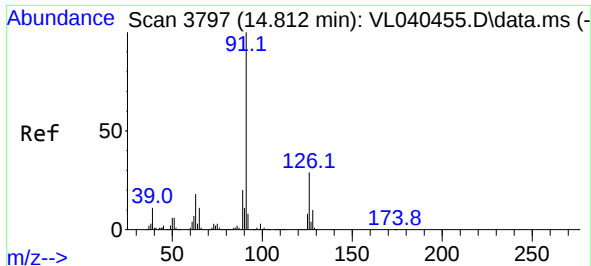


#70
n-Butylbenzene
Concen: 0.361 ppbv
RT: 17.882 min Scan# 4752
Delta R.T. -0.013 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27



Tgt Ion: 91 Resp: 149683
Ion Ratio Lower Upper
91 100
92 51.1 43.4 65.0
134 19.0 18.1 27.1





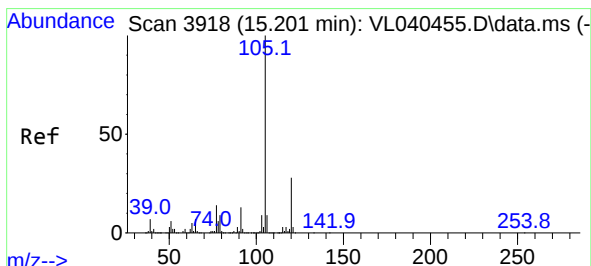
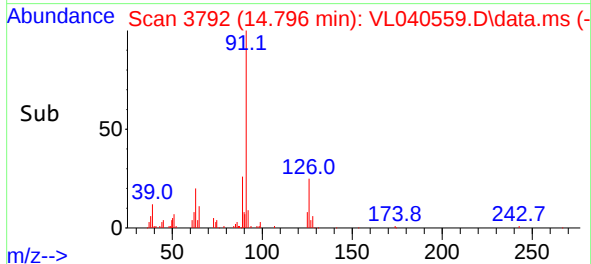
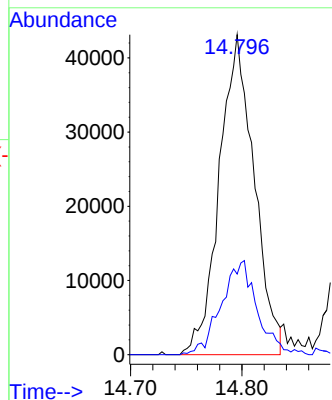
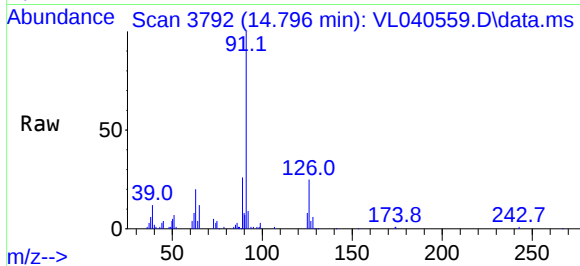
#71
2-Chlorotoluene
Concen: 0.350 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 91 Resp: 93400
Ion Ratio Lower Upper
91 100
126 30.5 12.4 49.8

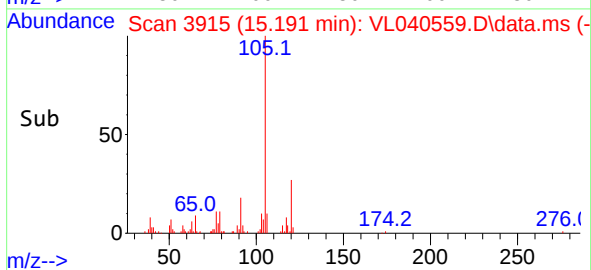
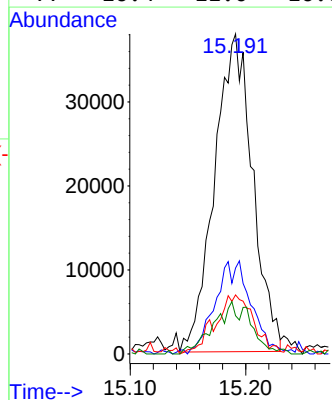
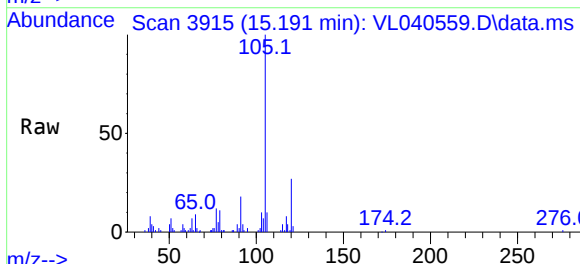
Manual Integrations
APPROVED

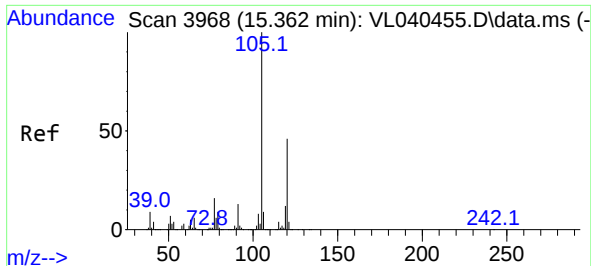
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#72
4-Ethyltoluene
Concen: 0.320 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. -0.013 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion:105 Resp: 86501
Ion Ratio Lower Upper
105 100
120 29.6 24.6 37.0
91 18.9 10.7 16.1#
77 16.4 11.0 16.6





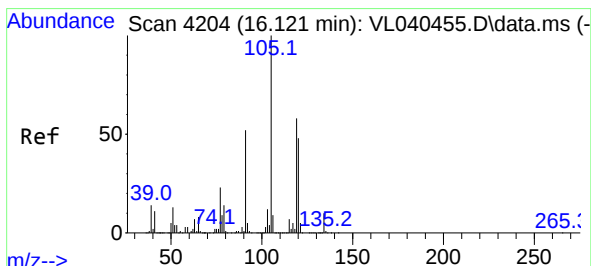
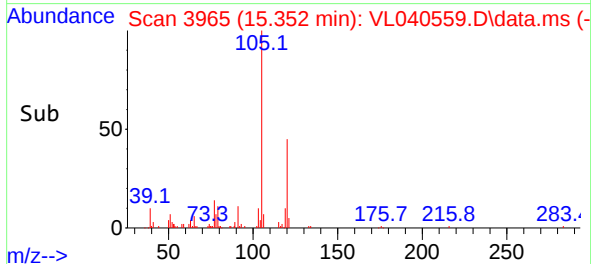
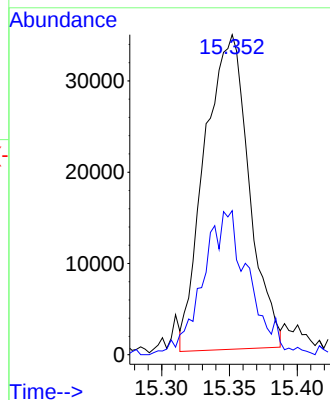
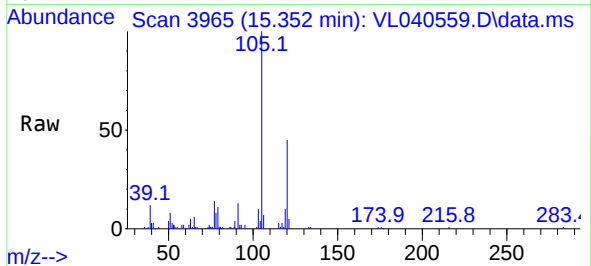
#73
1,3,5-Trimethylbenzene
Concen: 0.330 ppbv
RT: 15.352 min Scan# 3965
Delta R.T. -0.010 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

Tgt Ion:105 Resp: 7865
Ion Ratio Lower Upper
105 100
120 44.3 38.2 57.2

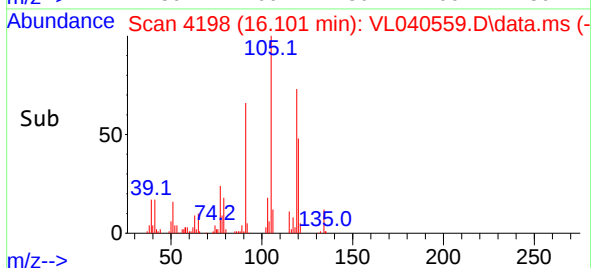
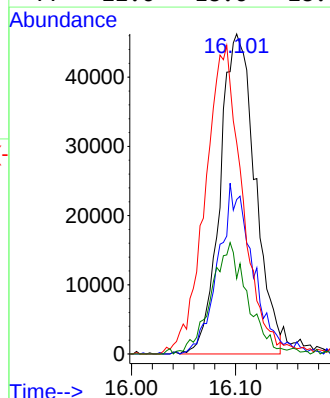
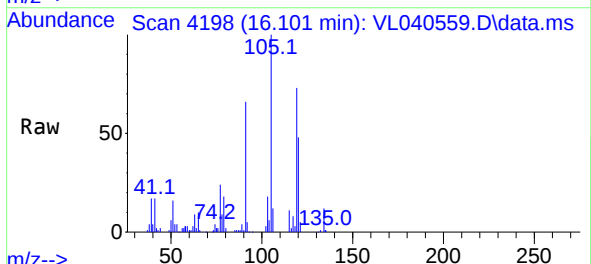
Manual Integrations
APPROVED

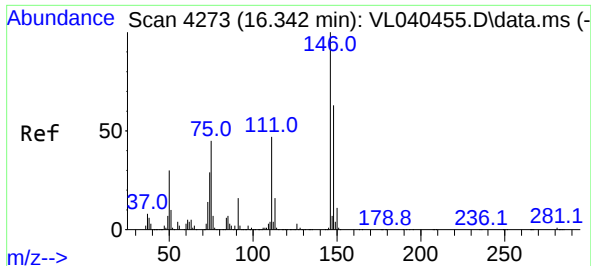
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#74
1,2,4-Trimethylbenzene
Concen: 0.389 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. -0.016 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion:105 Resp: 108186
Ion Ratio Lower Upper
105 100
120 48.3 40.3 60.5
91 62.4 46.8 70.2
77 22.6 18.6 28.0





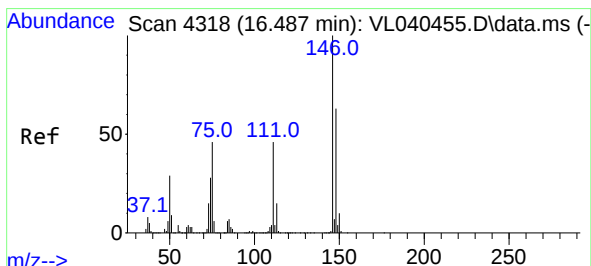
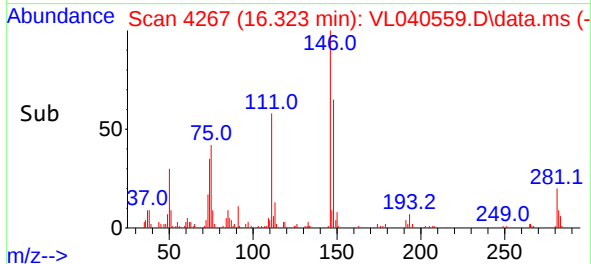
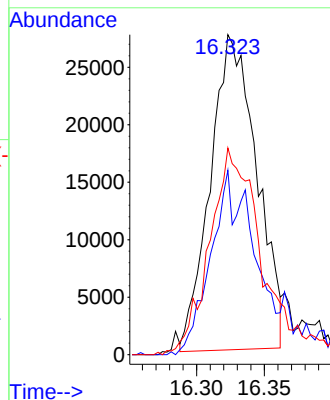
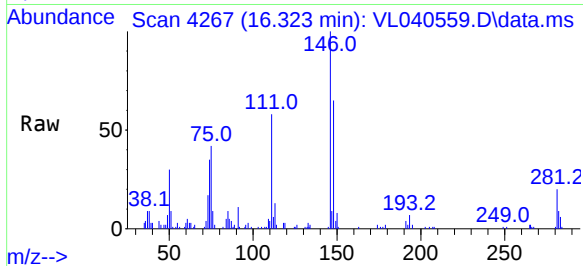
#75
1,3-Dichlorobenzene
Concen: 0.388 ppbv
RT: 16.323 min Scan# 41
Delta R.T. -0.020 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

Tgt Ion:146 Resp: 65410
Ion Ratio Lower Upper
146 100
111 64.4 23.6 71.0
148 74.9 32.2 96.6

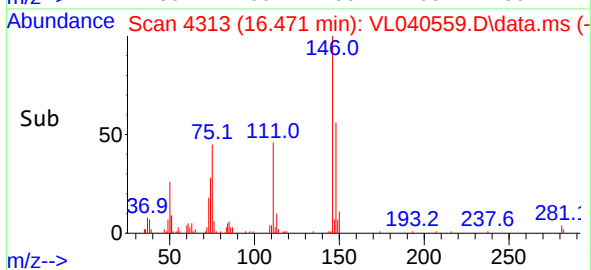
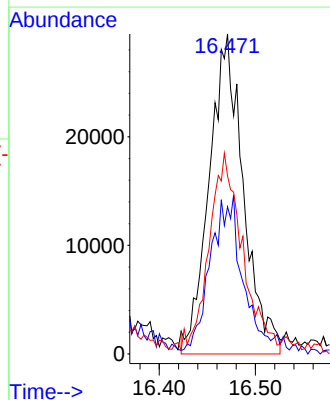
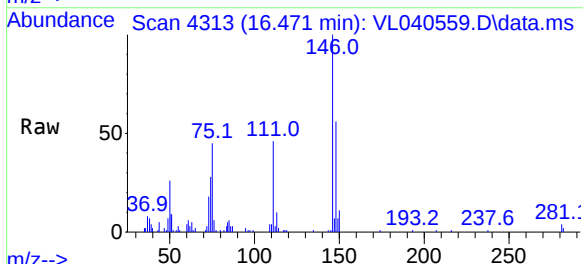
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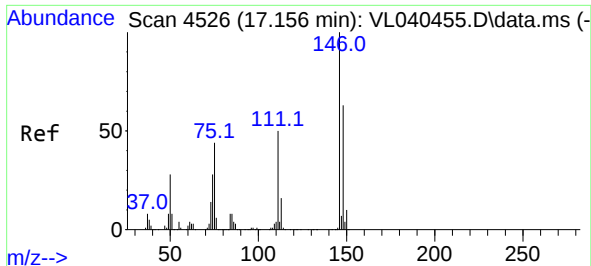
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#76
1,4-Dichlorobenzene
Concen: 0.438 ppbv m
RT: 16.471 min Scan# 4313
Delta R.T. -0.016 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

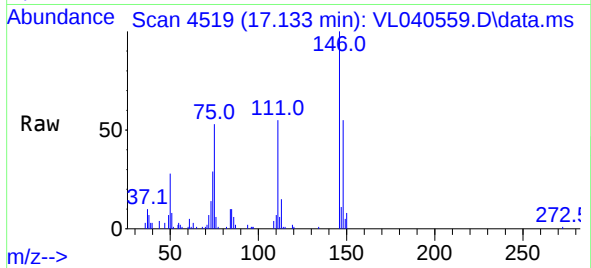
Tgt Ion:146 Resp: 72394
Ion Ratio Lower Upper
146 100
111 0.0 22.8 68.3#
148 65.9 32.6 97.8





#77
1,2-Dichlorobenzene
Concen: 0.442 ppbv m
RT: 17.133 min Scan# 4519
Delta R.T. -0.019 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

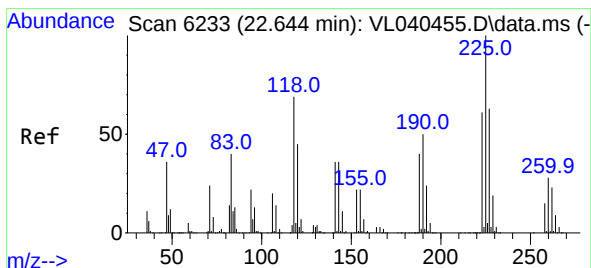
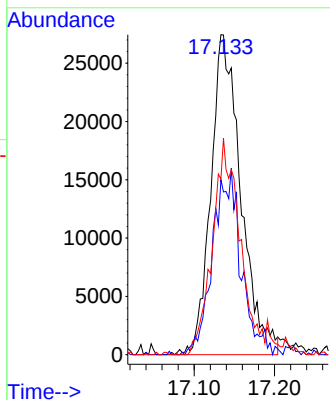
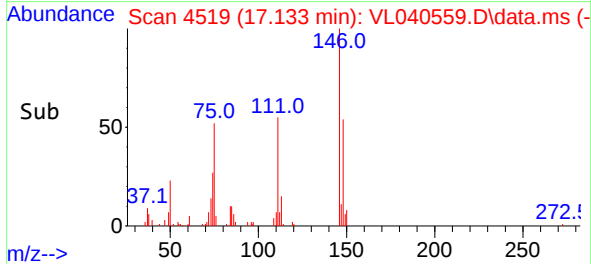
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion:146 Resp: 7131
Ion Ratio Lower Upper
146 100
111 0.0 24.3 72.8#
148 64.9 32.1 96.3

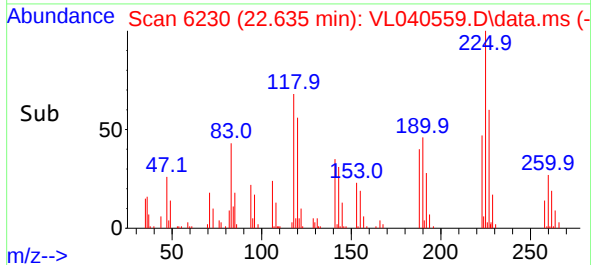
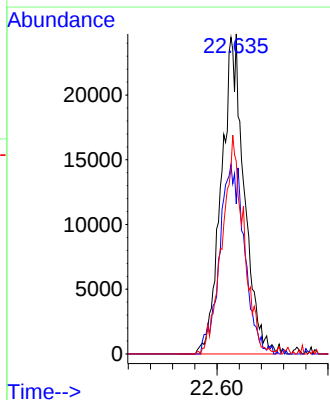
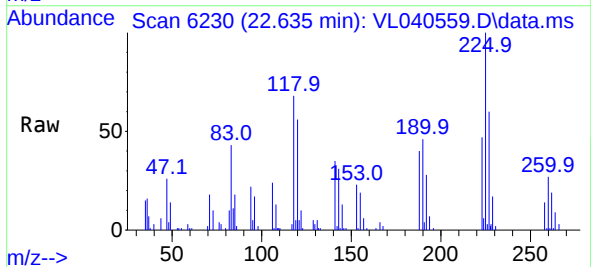
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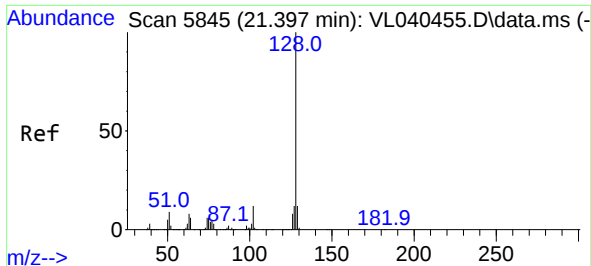
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#78
Hexachloro-1,3-Butadiene
Concen: 0.466 ppbv m
RT: 22.635 min Scan# 6230
Delta R.T. -0.013 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

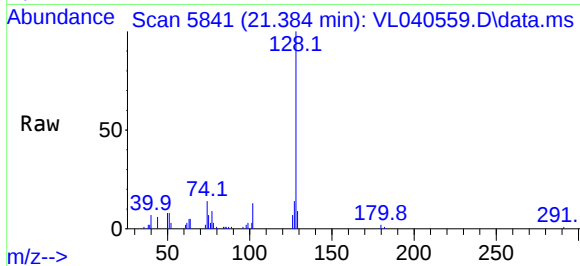
Tgt Ion:225 Resp: 70563
Ion Ratio Lower Upper
225 100
223 0.0 50.3 75.5#
227 0.0 51.0 76.6#





#79
Naphthalene
Concen: 0.274 ppbv m
RT: 21.384 min Scan# 5841
Delta R.T. -0.010 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

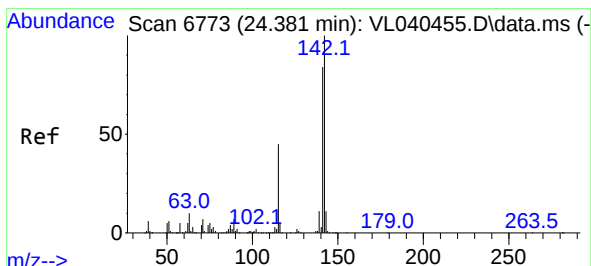
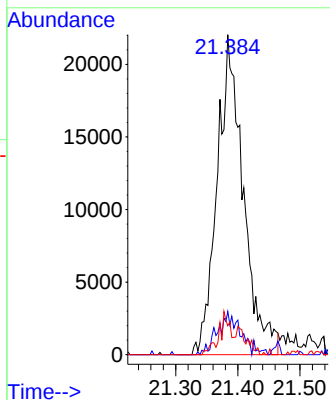
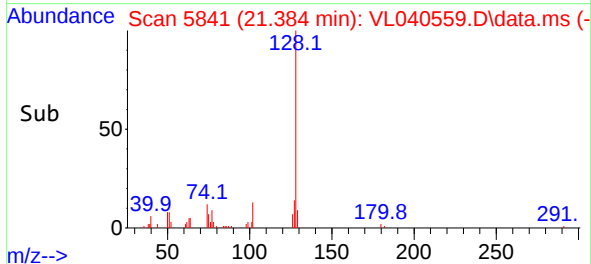
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



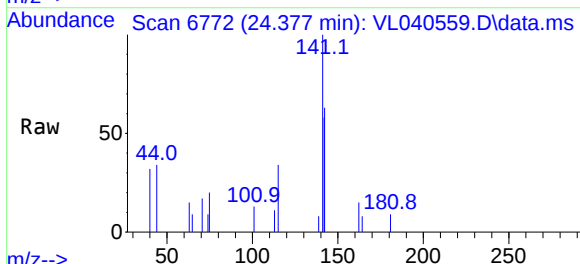
Tgt Ion:128 Resp: 64372
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 9.0 9.2 13.8

Manual Integrations
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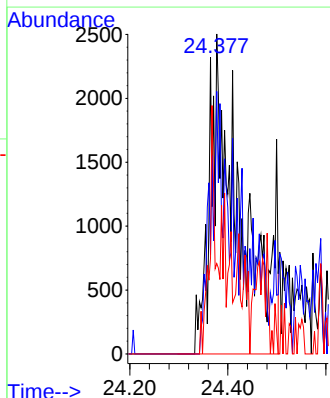
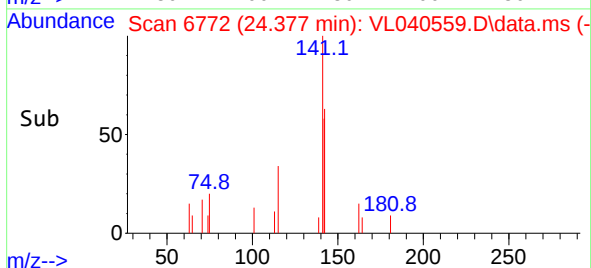
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

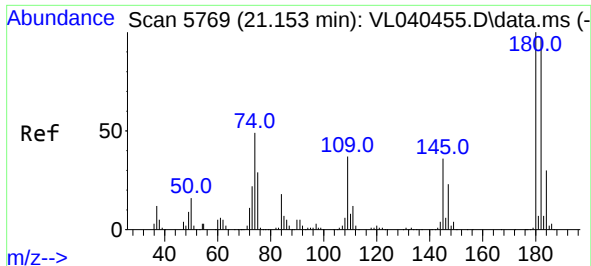


#80
Naphthalene,2-methyl-
Concen: 0.107 ppbv m
RT: 24.377 min Scan# 6772
Delta R.T. -0.000 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27



Tgt Ion:142 Resp: 10344
Ion Ratio Lower Upper
142 100
141 8.3 66.7 100.1#
115 4.8 33.0 49.6#





#81

1,2,4-Trichlorobenzene

Concen: 0.330 ppbv m

RT: 21.146 min Scan# 51

Delta R.T. -0.003 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

Tgt Ion:180 Resp: 53474

Ion Ratio Lower Upper

180 100

182 0.0 77.5 116.3

184 0.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023

