

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
 Data File : VL040209.D
 Acq On : 22 Feb 2023 00:15
 Operator : SY/MD
 Sample : 01627-13 LOD 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023

Quant Time: Feb 22 05:10:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Feb 22 03:17:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/22/2023
 Supervised By : Mahesh Dadoda 02/23/2023

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

Internal Standards						
1) Bromochloromethane	5.189	49	797823	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.651	114	2096159	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.471	117	1856838	10.000	ppbv	-0.02

System Monitoring Compounds
 68) 1-Bromo-4-Fluorobenzene 13.780 95 1602932 10.498 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 105.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.722	85	84308	0.567	ppbv	99
3) Chlorodifluoromethane	2.668	51	51895	0.544	ppbv	98
4) Chloromethane	2.803	50	30542	0.510	ppbv #	80
5) Vinyl Chloride	2.912	62	23873	0.496	ppbv #	88
6) Bromomethane	3.111	94	8952	0.516	ppbv	95
7) Chloroethane	3.189	64	8323	0.436	ppbv #	78
8) Dichlorotetrafluoroethane	2.851	85	66664	0.520	ppbv	99
9) Propene	2.687	41	16321	0.420	ppbv	91
10) Heptane	7.577	43	33347	0.361	ppbv	91
11) Trichlorofluoromethane	3.555	101	68638	0.514	ppbv	93
12) 1,1,2-Trichlorotrifluo...	4.060	101	51243	0.521	ppbv	97
13) Ethanol	3.250	45	1988m	0.556	ppbv	
14) Bromoethene	3.359	108	17211	0.456	ppbv #	86
15) Acetone	3.478	43	56278	0.586	ppbv	97
16) 1,3-Butadiene	2.980	39	21657	0.494	ppbv	99
17) tert-Butyl alcohol	3.890	59	41209	0.470	ppbv #	92
18) 1,1-Dichloroethene	3.877	96	20692	0.484	ppbv	93
19) Isopropyl Alcohol	3.587	45	23717m	0.519	ppbv	
20) Methylene Chloride	3.925	84	31148m	0.623	ppbv	
21) Allyl Chloride	3.996	41	27234	0.462	ppbv	89
22) trans-1,2-Dichloroethene	4.443	96	19818	0.448	ppbv #	83
23) Vinyl Acetate	4.629	43	14387m	0.494	ppbv	
24) 1,1-Dichloroethane	4.558	63	45731	0.502	ppbv	99
25) Ethyl Acetate	5.214	43	79639	0.446	ppbv	99
26) Hexane	5.214	57	32690m	0.426	ppbv	
27) Carbon Disulfide	4.121	76	42624	0.438	ppbv #	94
28) Methyl tert-Butyl Ether	4.597	73	36774	0.448	ppbv	98
29) Chloroform	5.266	83	62966	0.478	ppbv	93
30) Cyclohexane	6.600	84	31234m	0.519	ppbv	
31) cis-1,2-Dichloroethene	5.073	61	34520	0.474	ppbv	91
32) 1,1,1-Trichloroethane	6.002	97	56213	0.455	ppbv	93
34) 2-Butanone	4.799	43	48649	0.470	ppbv	93
35) Carbon Tetrachloride	6.497	117	57910	0.467	ppbv	95
36) Benzene	6.365	78	66620	0.408	ppbv #	92
37) 1,2-Dichloroethane	5.806	62	45510	0.446	ppbv	99
38) Trichloroethene	7.291	130	37497	0.417	ppbv	92
39) 1,2-Dichloropropane	7.069	63	25755	0.406	ppbv	91
40) 1,4-Dioxane	7.320	88	11319m	0.446	ppbv	
41) Tetrahydrofuran	5.584	42	22196m	0.370	ppbv	
42) Bromodichloromethane	7.246	83	62011m	0.440	ppbv	
43) Methyl Methacrylate	7.481	69	20650m	0.342	ppbv	
44) 2,2,4-Trimethylpentane	7.327	57	110095	0.404	ppbv #	91
45) t-1,3-Dichloropropene	8.716	75	16484m	0.308	ppbv	

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Instrument :
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 LOD-MDL-AIR-01-QT1-2023

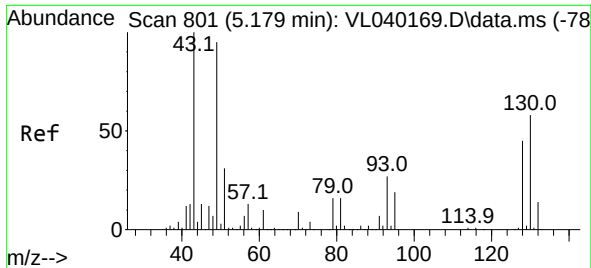
Quant Time: Feb 22 05:10:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	24635	0.330	ppbv	89
47) 1,1,2-Trichloroethane	8.902	97	30631m	0.446	ppbv	
48) Dibromochloromethane	9.709	129	43163m	0.393	ppbv	
49) Bromoform	12.407	173	33073m	0.386	ppbv	
50) 4-Methyl-2-Pentanone	8.201	43	59895	0.373	ppbv	93
51) 2-Hexanone	9.574	43	41604m	0.337	ppbv	
52) Tetrachloroethene	10.613	164	21493m	0.422	ppbv	
53) Toluene	9.230	91	57264	0.328	ppbv	99
54) 1,2-Dibromoethane	10.008	107	29639	0.415	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.513	131	36844m	0.473	ppbv	
57) Chlorobenzene	11.529	112	65071m	0.480	ppbv	
58) Ethyl Benzene	12.095	91	79920m	0.354	ppbv	
59) m/p-Xylene	12.384	91	157868m	0.790	ppbv	
60) o-Xylene	13.066	91	76112	0.396	ppbv	96
61) Styrene	12.905	104	28150m	0.279	ppbv	
62) Isopropylbenzene	14.040	105	117545	0.426	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.050	83	34449m	0.497	ppbv	
64) n-propylbenzene	14.921	120	26440m	0.387	ppbv	
65) tert-Butylbenzene	16.101	119	95888m	0.400	ppbv	
66) Benzyl Chloride	16.339	91	6706m	0.420	ppbv	
67) sec-Butylbenzene	16.645	105	140585	0.409	ppbv	100
69) p-Isopropyltoluene	17.005	119	106483m	0.390	ppbv	
70) n-Butylbenzene	17.899	91	109976	0.371	ppbv	99
71) 2-Chlorotoluene	14.805	91	77655	0.368	ppbv	99
72) 4-Ethyltoluene	15.204	105	85073m	0.400	ppbv	
73) 1,3,5-Trimethylbenzene	15.355	105	75154	0.380	ppbv	89
74) 1,2,4-Trimethylbenzene	16.114	105	92367	0.425	ppbv	93
75) 1,3-Dichlorobenzene	16.339	146	51252m	0.431	ppbv	
76) 1,4-Dichlorobenzene	16.484	146	51071m	0.438	ppbv	
77) 1,2-Dichlorobenzene	17.156	146	52753m	0.447	ppbv	
78) Hexachloro-1,3-Butadiene	22.644	225	37369m	0.461	ppbv	
79) Naphthalene	21.403	128	35624m	0.292	ppbv	
80) Naphthalene,2-methyl-	24.387	142	4928m	0.142	ppbv	
81) 1,2,4-Trichlorobenzene	21.156	180	27628m	0.362	ppbv	

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



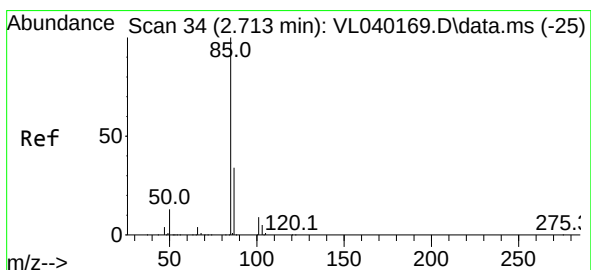
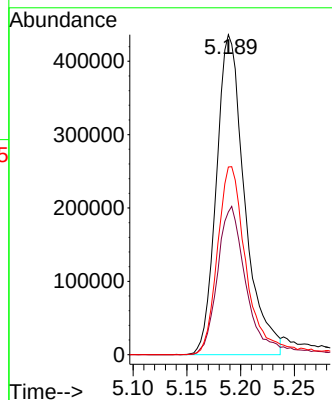
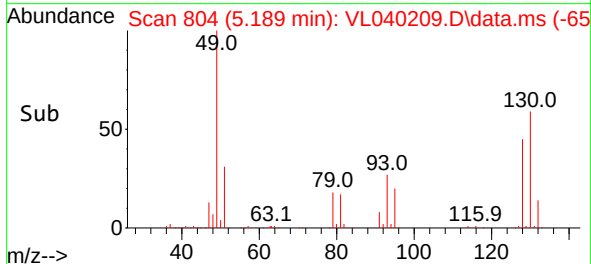
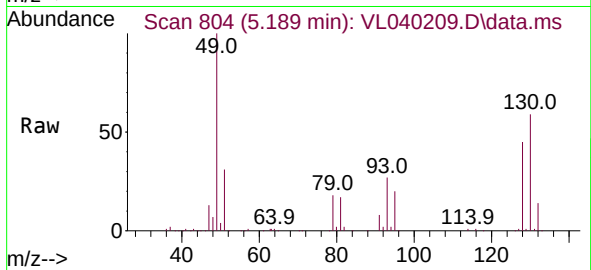
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 801
Delta R.T. -0.016 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 49 Resp: 79782
Ion Ratio Lower Upper
49 100
128 48.7 24.1 72.3
130 62.0 30.9 92.8

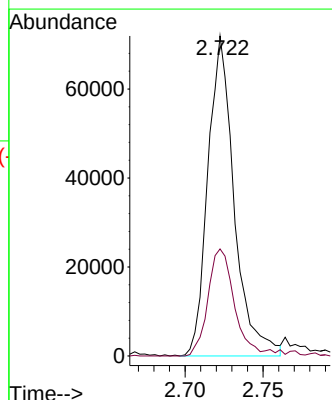
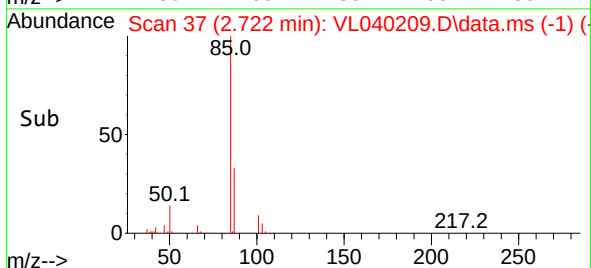
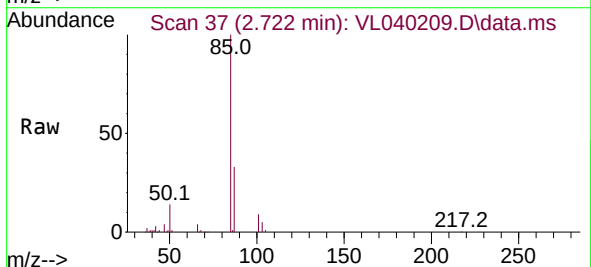
Manual Integrations
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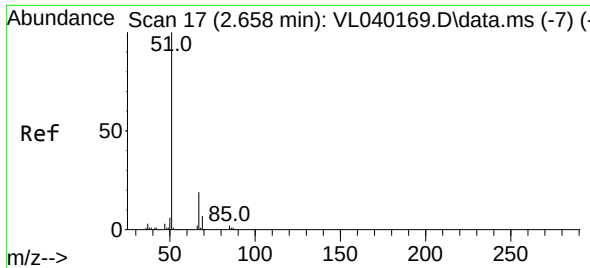
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#2
Dichlorodifluoromethane
Concen: 0.567 ppbv
RT: 2.722 min Scan# 37
Delta R.T. -0.007 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

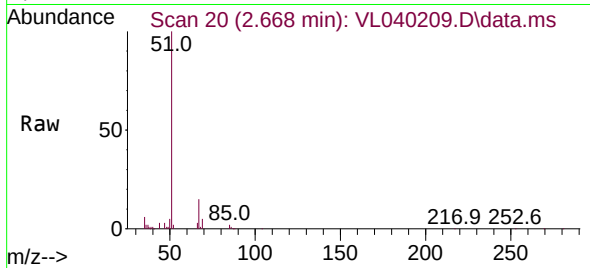
Tgt Ion: 85 Resp: 84308
Ion Ratio Lower Upper
85 100
87 33.4 27.0 40.6





#3
Chlorodifluoromethane
Concen: 0.544 ppbv
RT: 2.668 min Scan# 20
Delta R.T. -0.007 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

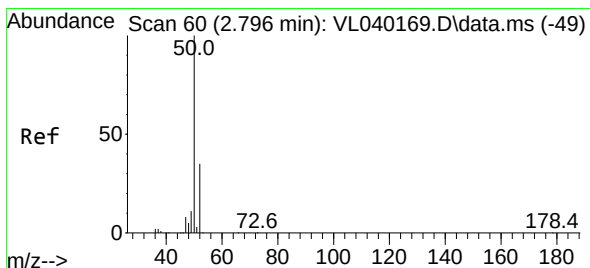
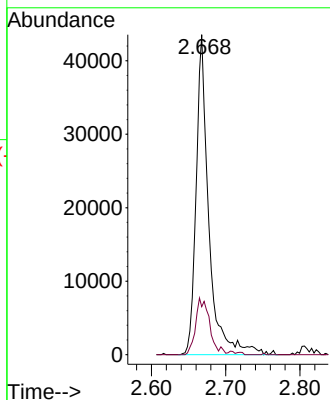
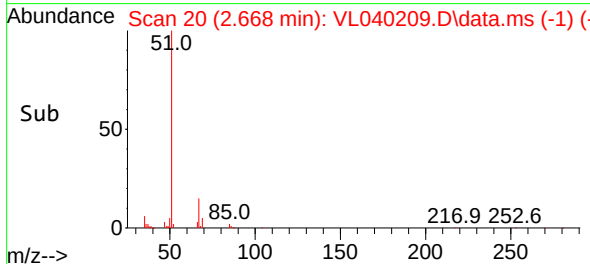
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 51 Resp: 5189
Ion Ratio Lower Upper
51 100
67 20.3 15.4 23.2

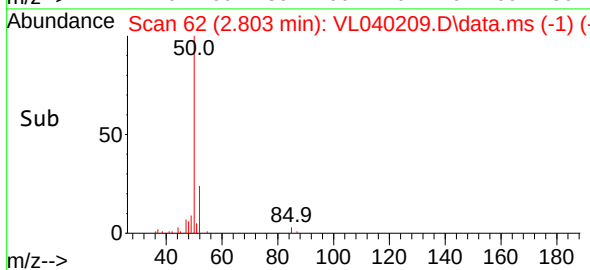
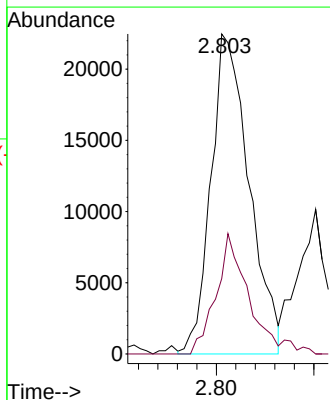
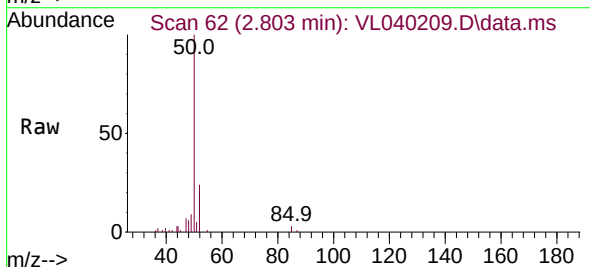
Manual Integrations
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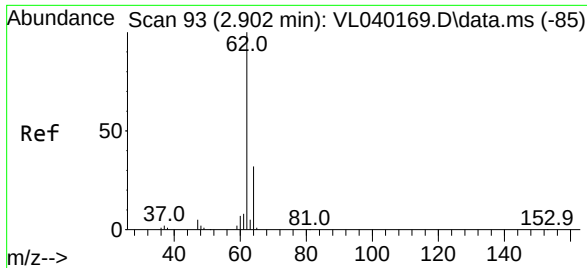
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#4
Chloromethane
Concen: 0.510 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.010 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

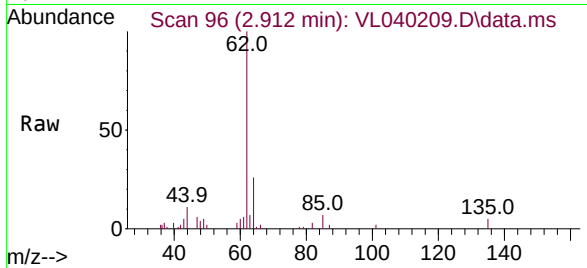
Tgt Ion: 50 Resp: 30542
Ion Ratio Lower Upper
50 100
52 23.8 28.3 42.5#





#5
 Vinyl Chloride
 Concen: 0.496 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. -0.010 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

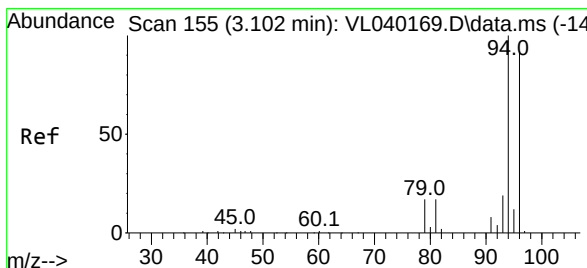
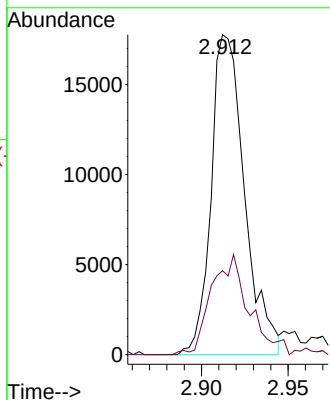
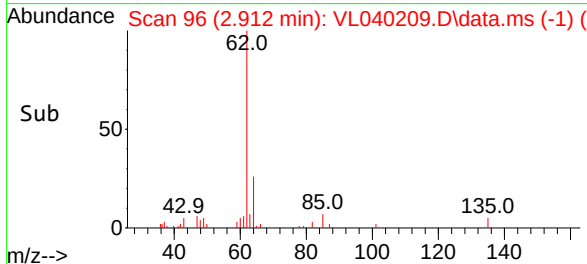
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 62 Resp: 2387
 Ion Ratio Lower Upper
 62 100
 64 25.4 25.6 38.4

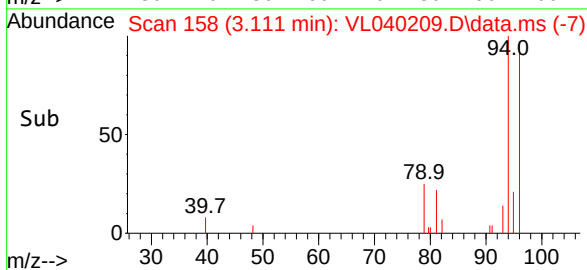
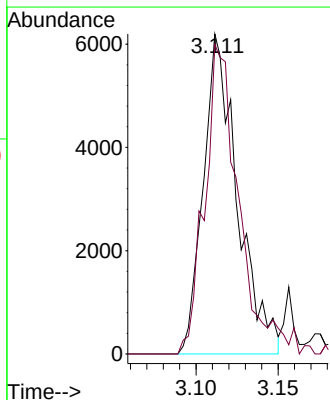
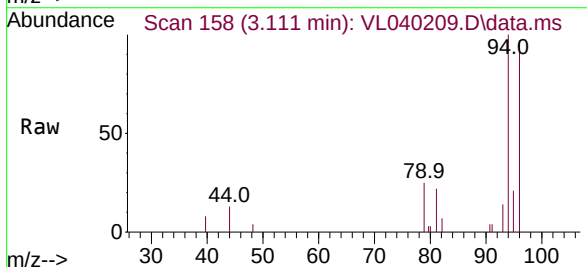
Manual Integrations
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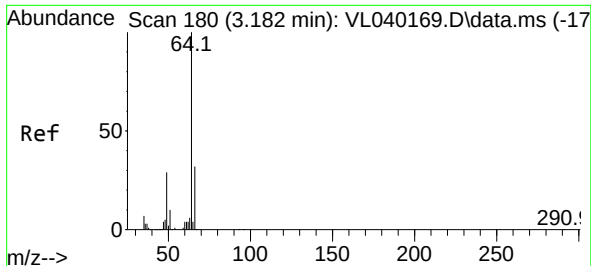
Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#6
 Bromomethane
 Concen: 0.516 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. -0.013 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

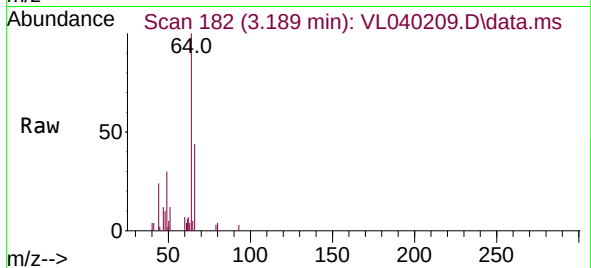
Tgt Ion: 94 Resp: 8952
 Ion Ratio Lower Upper
 94 100
 96 96.7 73.4 110.2





#7
Chloroethane
Concen: 0.436 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

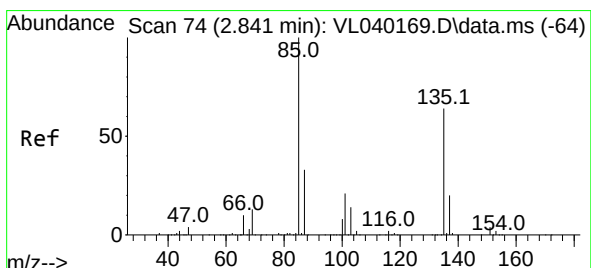
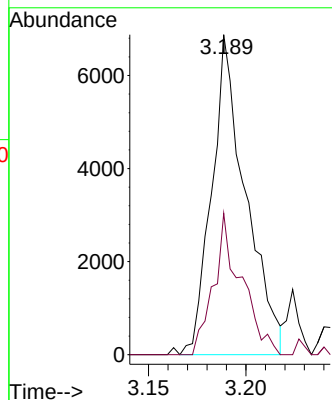
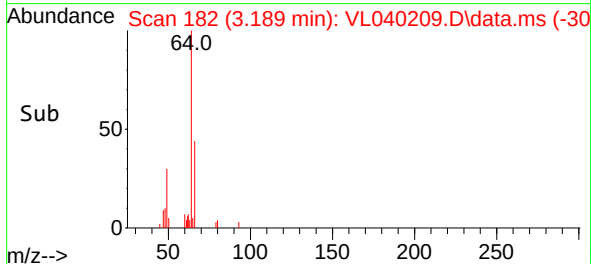
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 64 Resp: 832
Ion Ratio Lower Upper
64 100
66 44.2 25.4 38.2

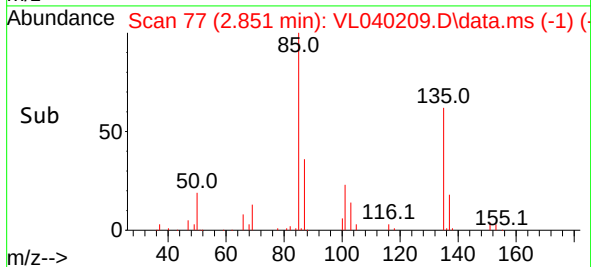
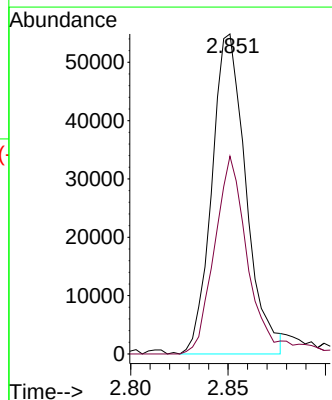
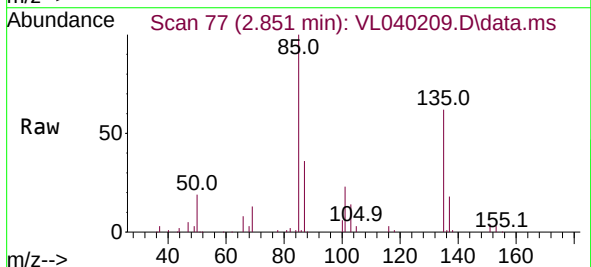
Manual Integrations
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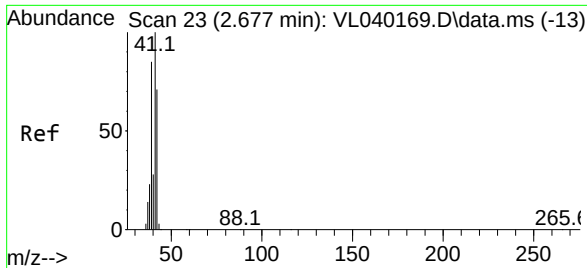
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#8
Dichlorotetrafluoroethane
Concen: 0.520 ppbv
RT: 2.851 min Scan# 77
Delta R.T. -0.007 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

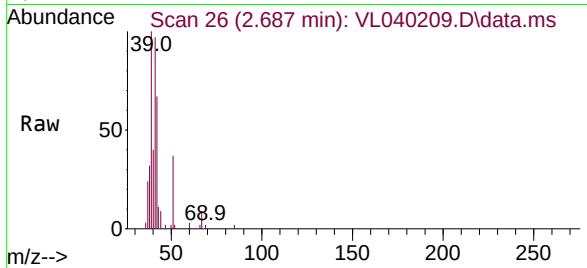
Tgt Ion: 85 Resp: 66664
Ion Ratio Lower Upper
85 100
135 63.7 51.5 77.3





#9
 Propene
 Concen: 0.420 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. -0.007 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

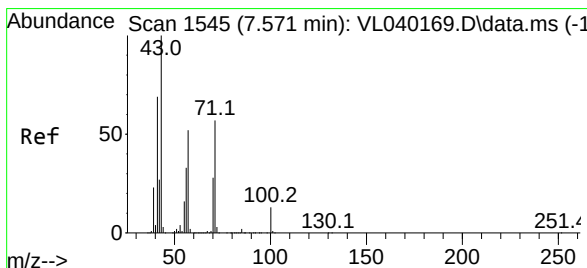
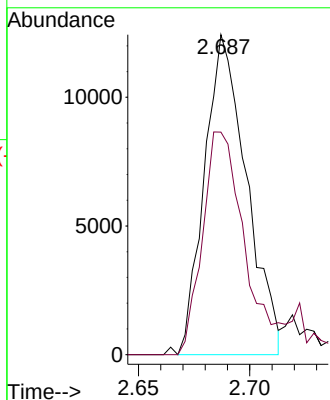
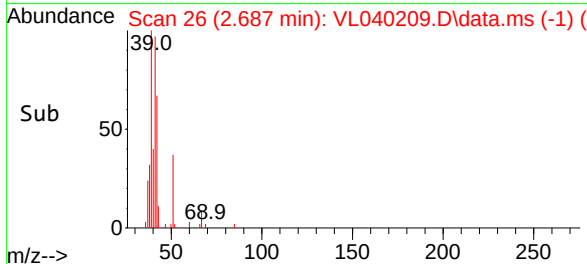
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023



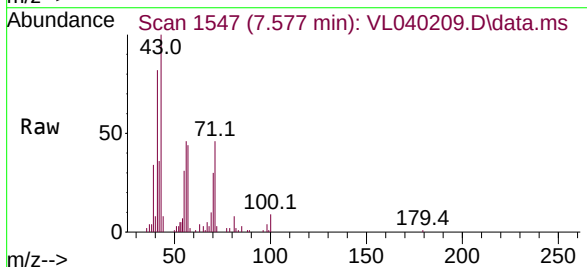
Tgt Ion: 41 Resp: 1632
 Ion Ratio Lower Upper
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 42 78.4 56.9 85.3

Manual Integrations
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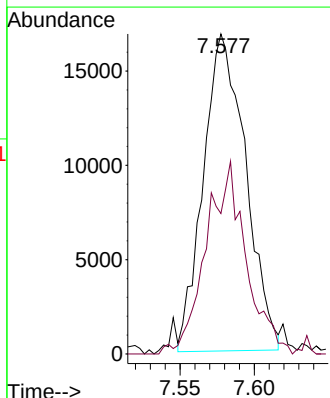
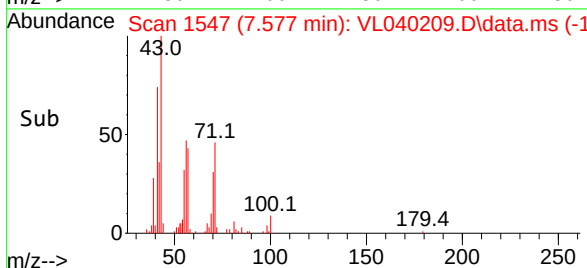
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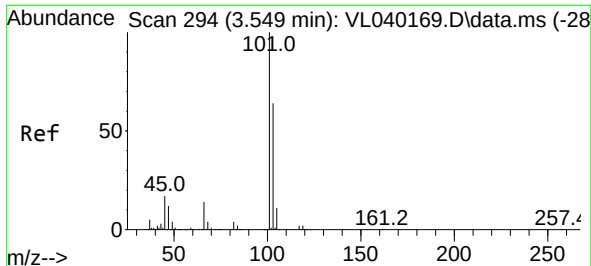


#10
 Heptane
 Concen: 0.361 ppbv
 RT: 7.577 min Scan# 1547
 Delta R.T. -0.026 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15



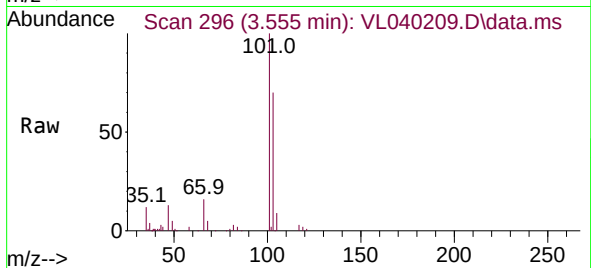
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 Ion Ratio Lower Upper
 43 100
 57 58.2 41.4 62.2





#11
Trichlorofluoromethane
Concen: 0.514 ppbv
RT: 3.555 min Scan# 294
Delta R.T. -0.013 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

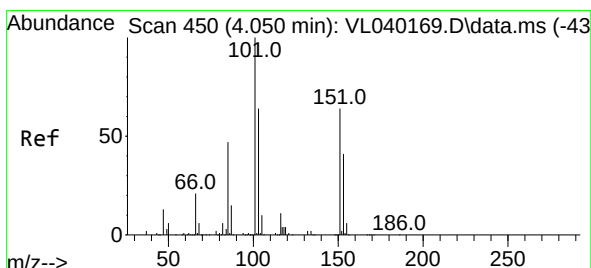
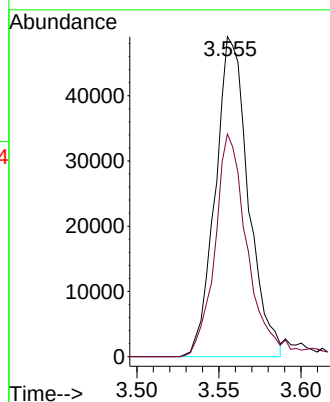
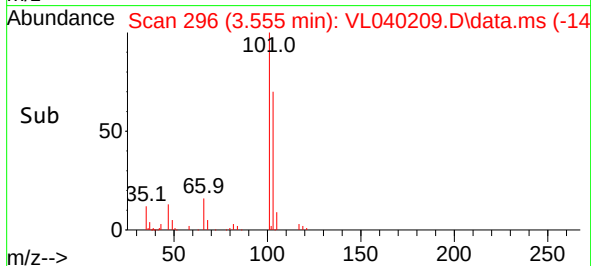
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion:101 Resp: 68638
Ion Ratio Lower Upper
101 100
103 69.6 51.0 76.6

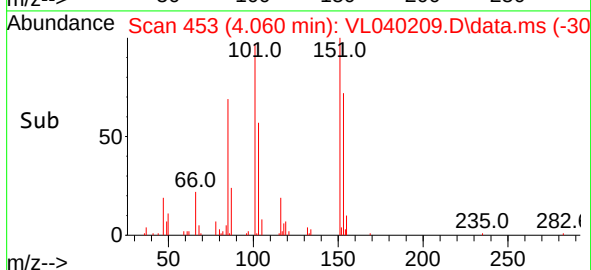
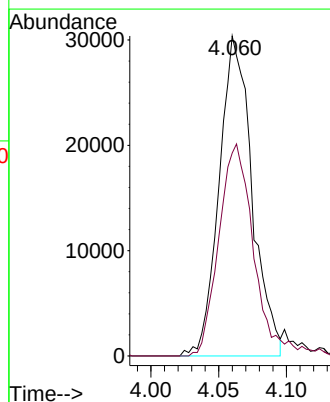
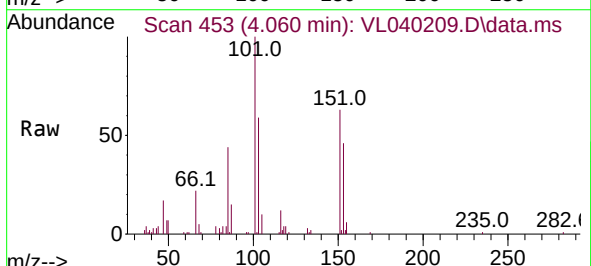
Manual Integrations
APPROVED

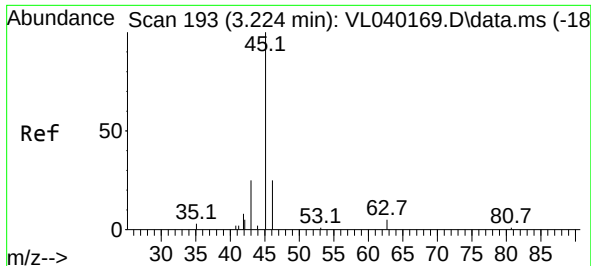
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.521 ppbv
RT: 4.060 min Scan# 453
Delta R.T. -0.013 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

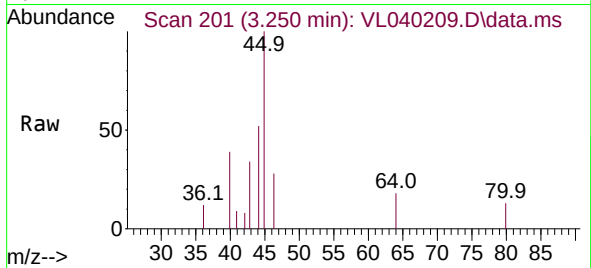
Tgt Ion:101 Resp: 51243
Ion Ratio Lower Upper
101 100
151 71.0 54.7 82.1





#13
Ethanol
Concen: 0.556 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. -0.000 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

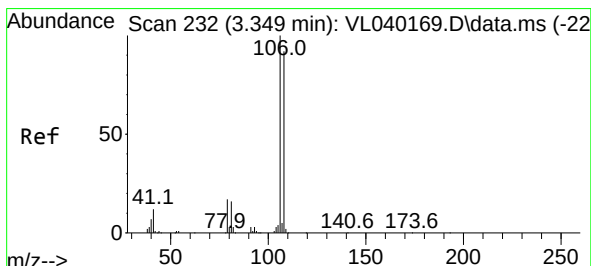
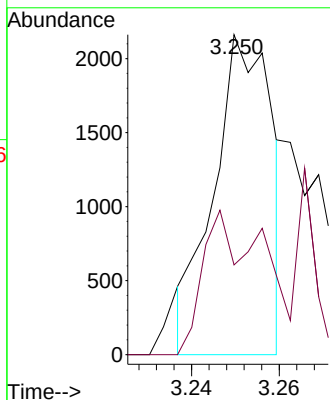
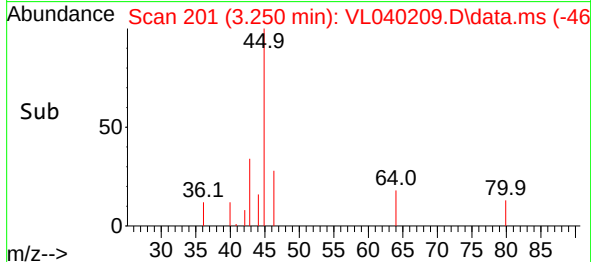
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



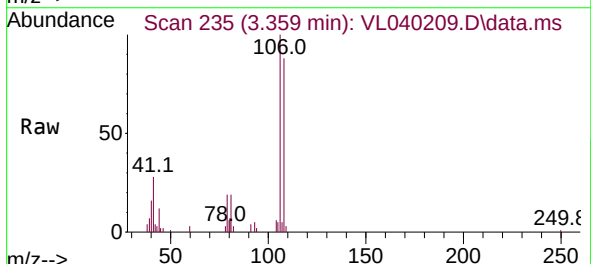
Tgt Ion: 45 Resp: 1988
Ion Ratio Lower Upper
45 100
46 67.7 13.3 53.1

Manual Integrations
APPROVED

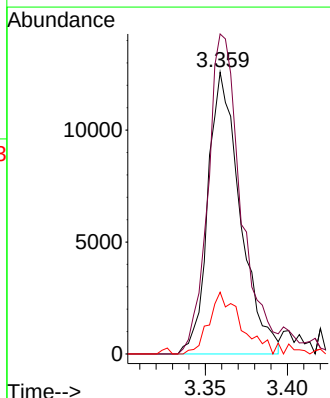
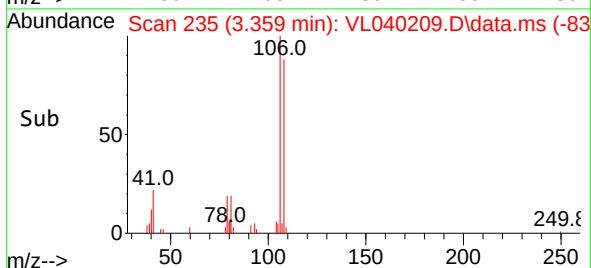
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

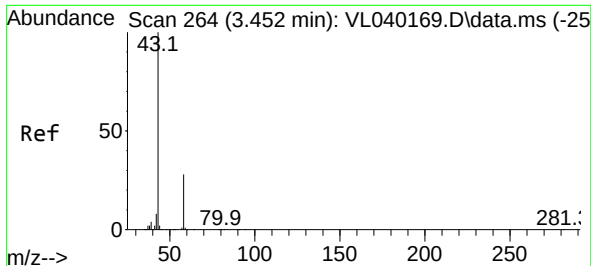


#14
Bromoethene
Concen: 0.456 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.010 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15



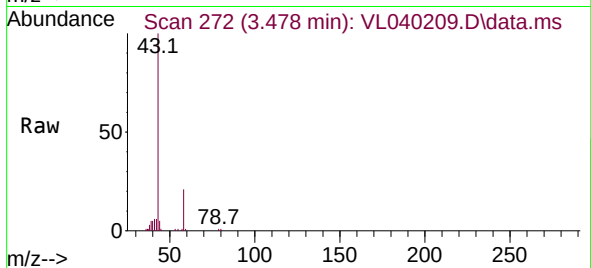
Tgt Ion:108 Resp: 17211
Ion Ratio Lower Upper
108 100
106 123.9 87.1 130.7
79 24.1 15.4 23.2





#15
Acetone
Concen: 0.586 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

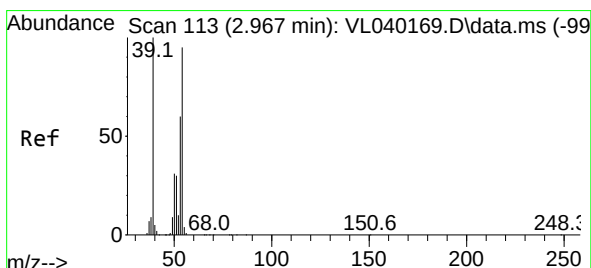
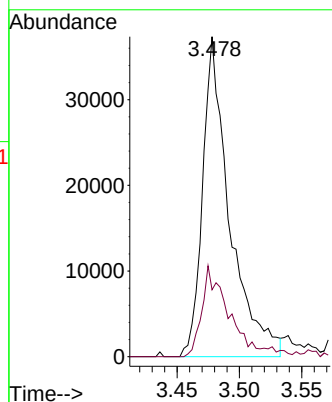
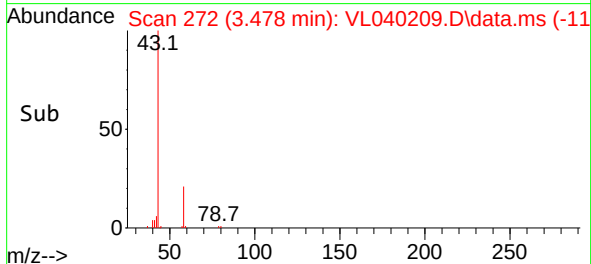
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 43 Resp: 56278
Ion Ratio Lower Upper
43 100
58 29.6 22.4 33.6

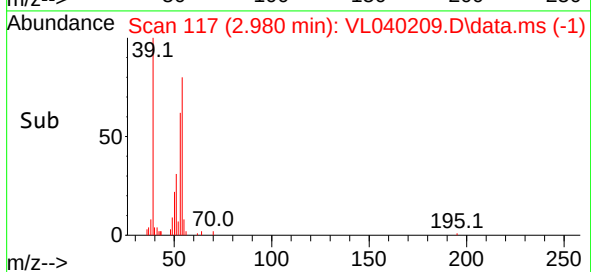
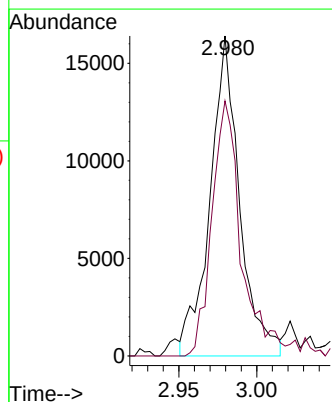
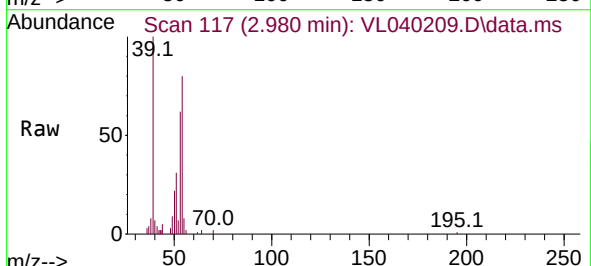
Manual Integrations
APPROVED

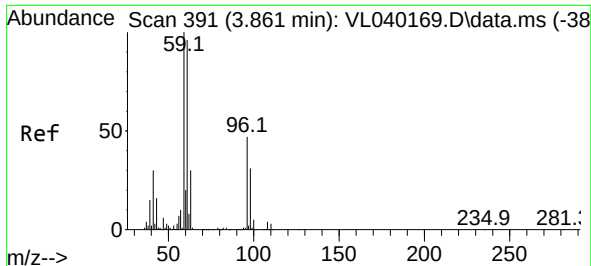
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#16
1,3-Butadiene
Concen: 0.494 ppbv
RT: 2.980 min Scan# 117
Delta R.T. -0.007 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion: 39 Resp: 21657
Ion Ratio Lower Upper
39 100
54 82.3 66.7 100.1





#17

tert-Butyl alcohol

Concen: 0.470 ppbv

RT: 3.890 min Scan# 40

Delta R.T. 0.003 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 59 Resp: 41209

Ion Ratio Lower Upper

59 100

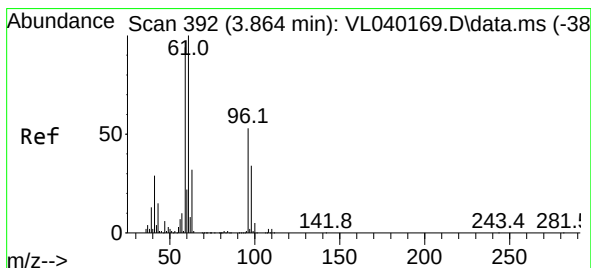
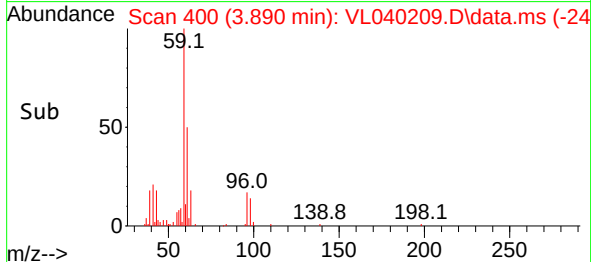
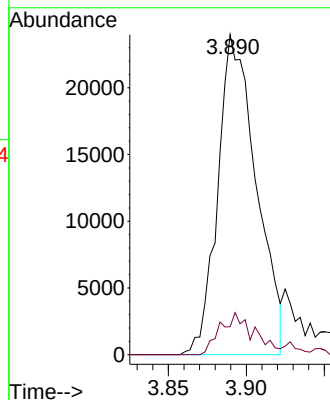
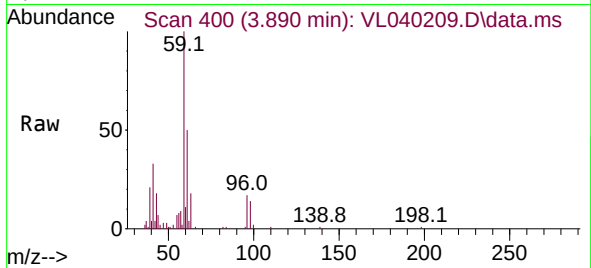
57 13.6 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#18

1,1-Dichloroethene

Concen: 0.484 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.010 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

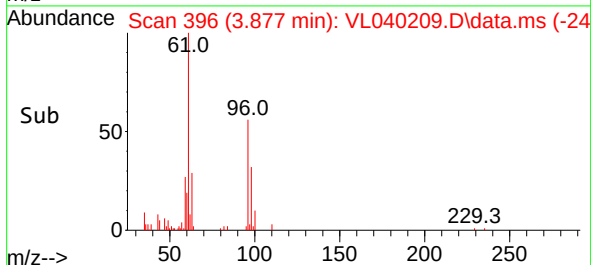
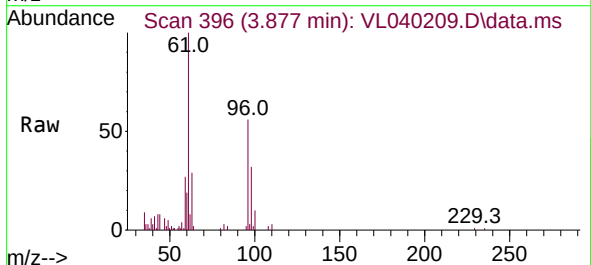
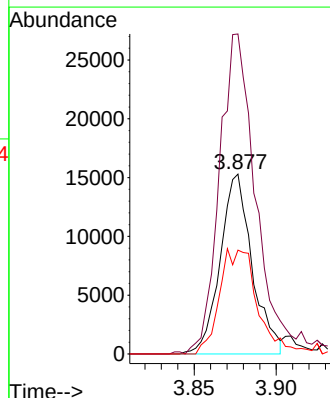
Tgt Ion: 96 Resp: 20692

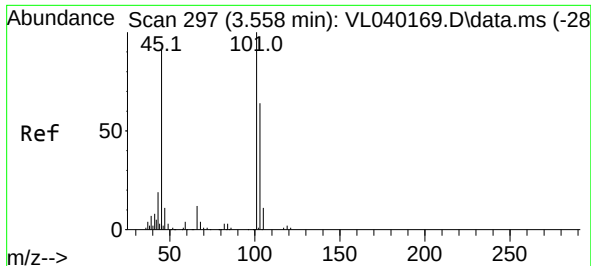
Ion Ratio Lower Upper

96 100

61 176.8 149.6 224.4

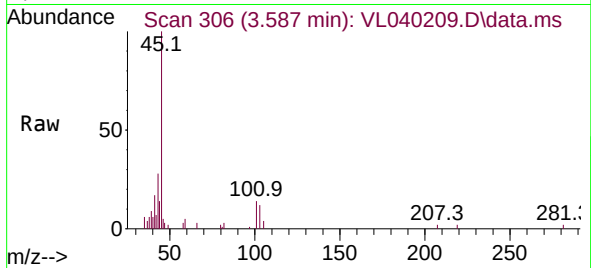
98 57.8 51.1 76.7





#19
Isopropyl Alcohol
Concen: 0.519 ppbv m
RT: 3.587 min Scan# 306
Delta R.T. 0.006 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

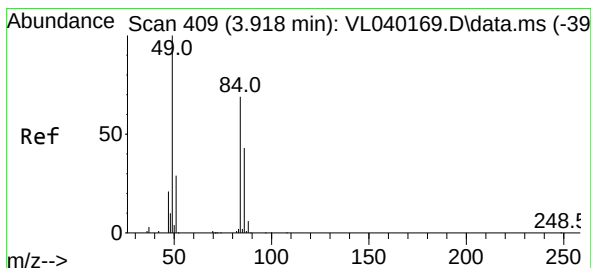
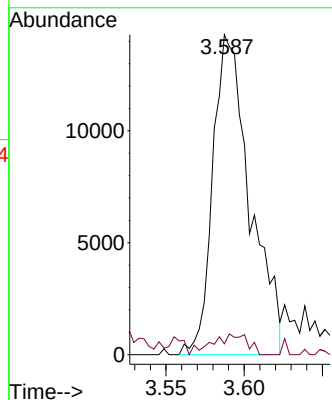
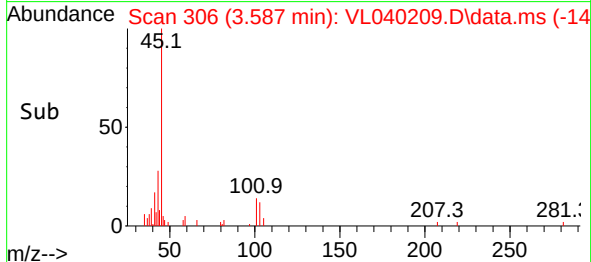
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



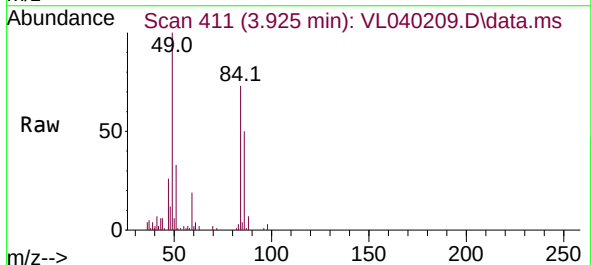
Tgt Ion: 45 Resp: 2371
Ion Ratio Lower Upper
45 100
58 5.6 2.6 3.8

Manual Integrations
APPROVED

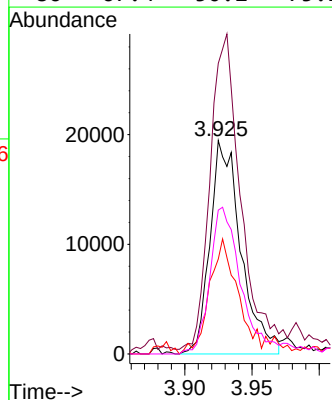
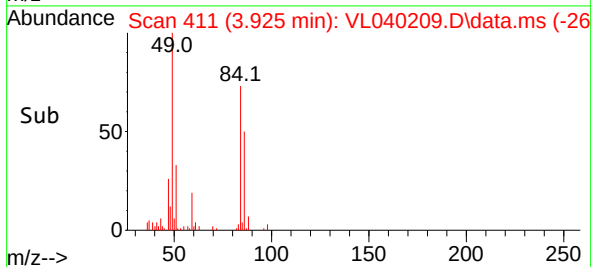
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

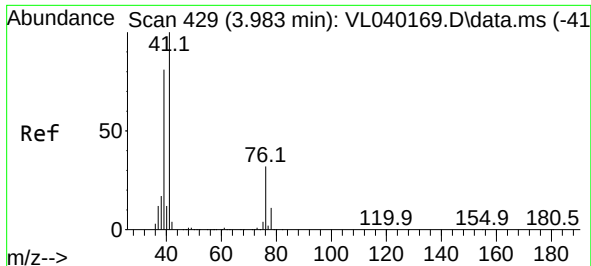


#20
Methylene Chloride
Concen: 0.623 ppbv m
RT: 3.925 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15



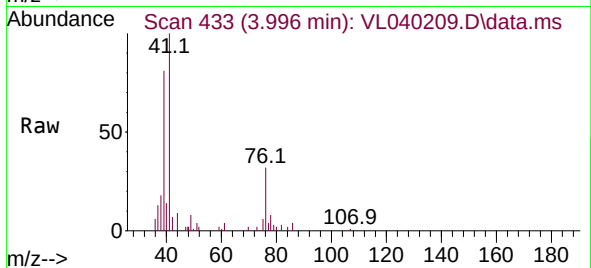
Tgt Ion: 84 Resp: 31148
Ion Ratio Lower Upper
84 100
49 136.1 115.5 173.3
51 44.4 33.1 49.7
86 67.4 50.2 75.2





#21
 Allyl Chloride
 Concen: 0.462 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

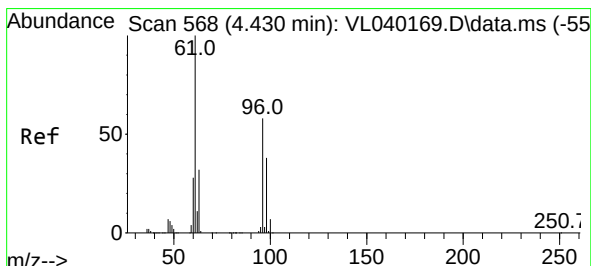
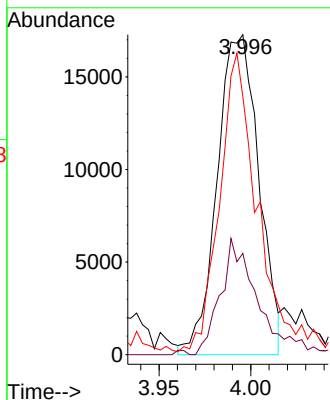
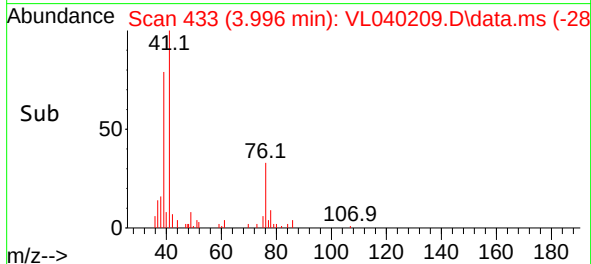
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 41 Resp: 27234
 Ion Ratio Lower Upper
 41 100
 76 33.4 25.5 38.3
 39 92.8 64.5 96.7

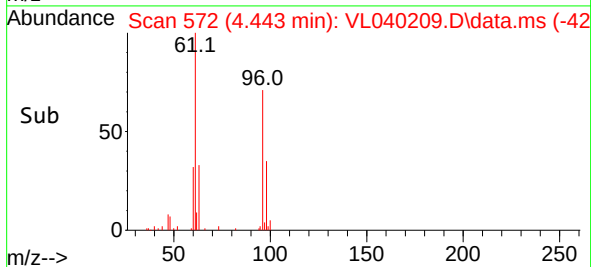
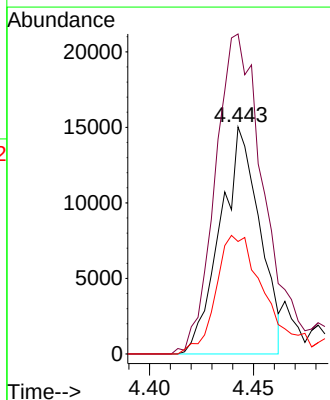
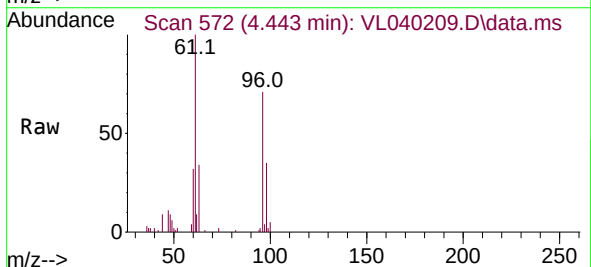
Manual Integrations
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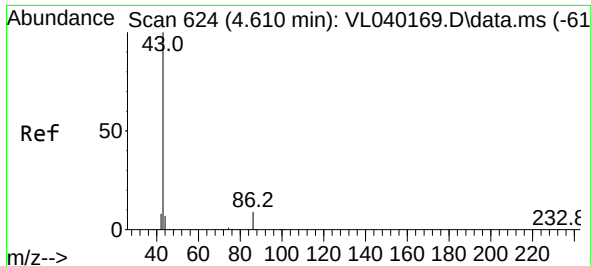
Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.448 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. -0.013 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

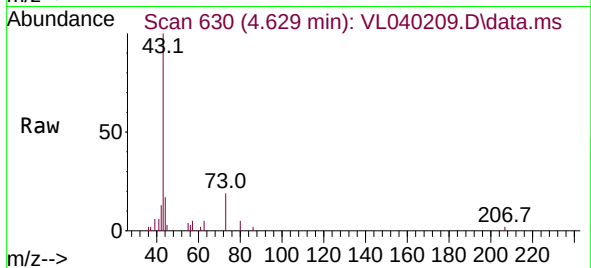
Tgt Ion: 96 Resp: 19818
 Ion Ratio Lower Upper
 96 100
 61 150.7 137.5 206.3
 98 49.6 52.8 79.2#





#23
 Vinyl Acetate
 Concen: 0.494 ppbv m
 RT: 4.629 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

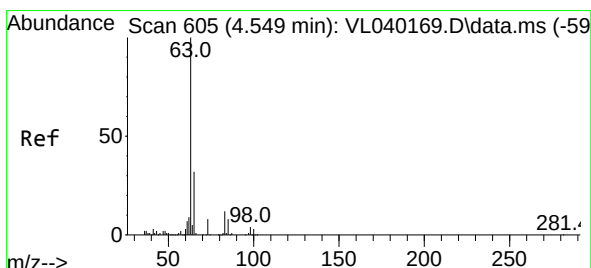
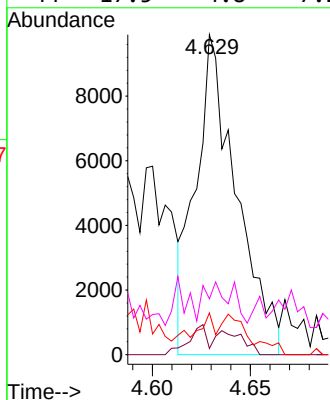
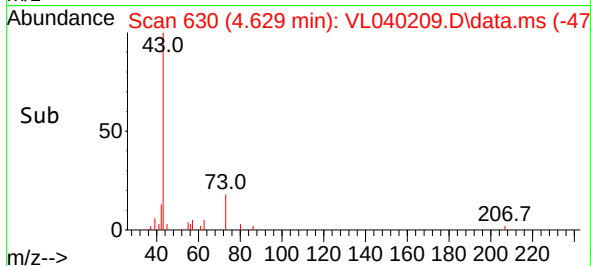
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023



Tgt Ion	Ratio	Lower	Upper
43	100		
86	1.9	5.6	8.4
42	13.1	7.6	11.4
44	17.5	4.8	7.2

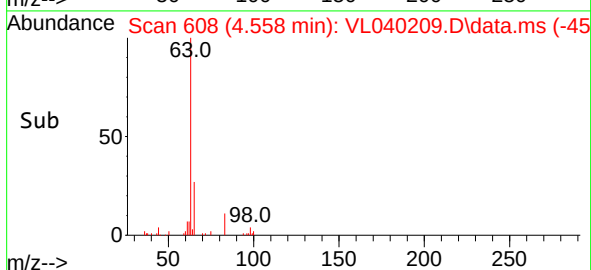
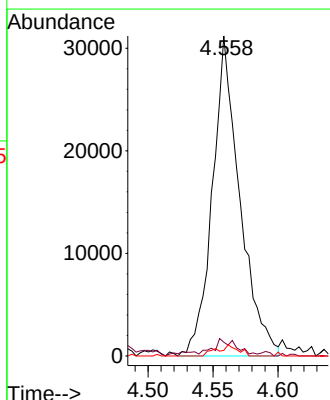
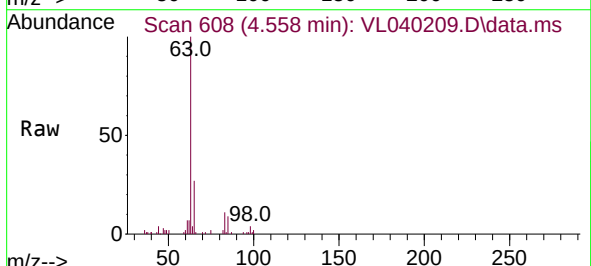
Manual Integrations
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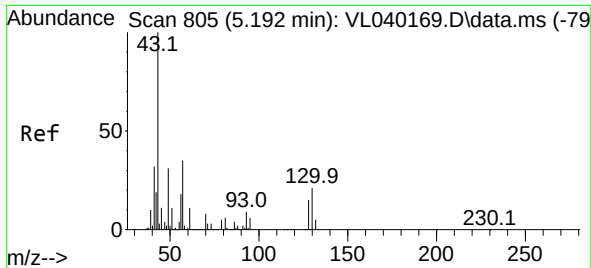
Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#24
 1,1-Dichloroethane
 Concen: 0.502 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.016 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

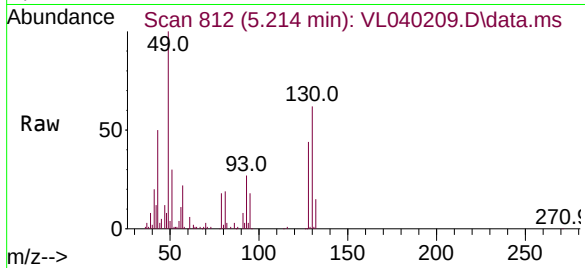
Tgt Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.3	6.8
100	1.8	1.4	4.0





#25
Ethyl Acetate
Concen: 0.446 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.003 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

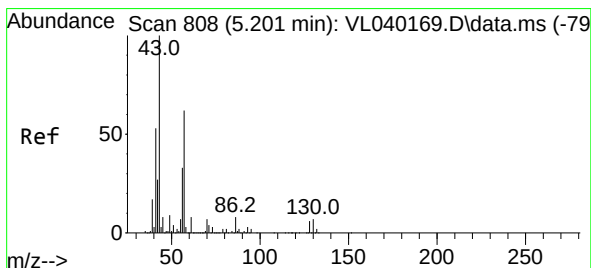
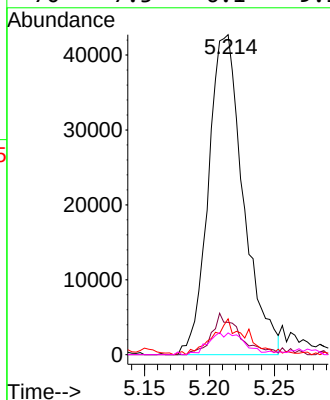
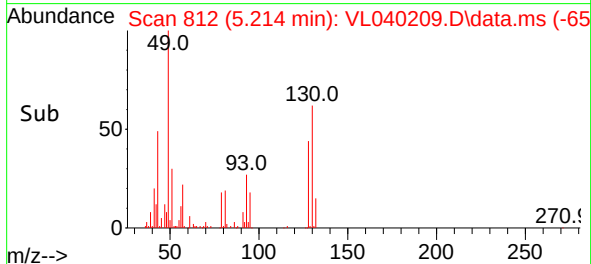
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 43 Resp: 79639
Ion Ratio Lower Upper
43 100
45 10.4 8.3 12.5
61 11.3 8.4 12.6
70 7.3 6.1 9.1

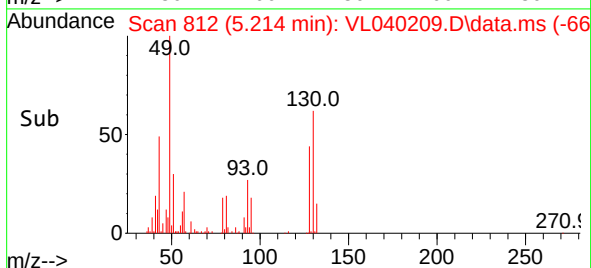
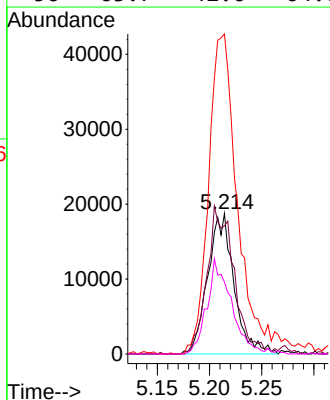
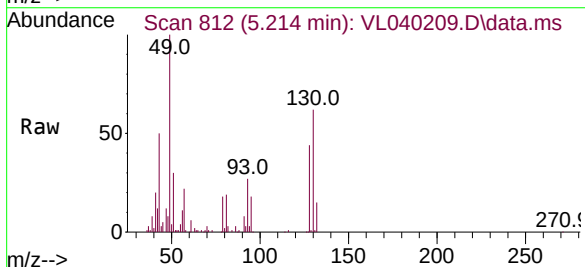
Manual Integrations
APPROVED

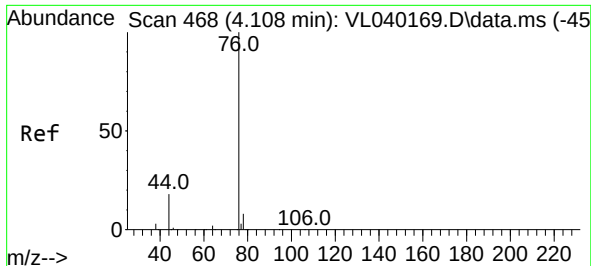
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#26
Hexane
Concen: 0.426 ppbv m
RT: 5.214 min Scan# 812
Delta R.T. -0.010 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

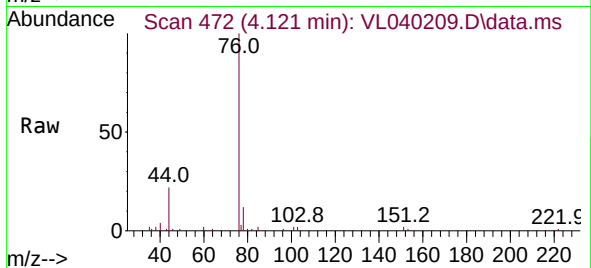
Tgt Ion: 57 Resp: 32690
Ion Ratio Lower Upper
57 100
41 111.9 74.3 111.5#
43 0.0 193.0 289.4#
56 63.7 42.6 64.0





#27
Carbon Disulfide
Concen: 0.438 ppbv
RT: 4.121 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

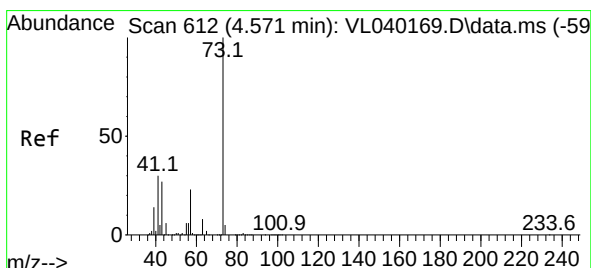
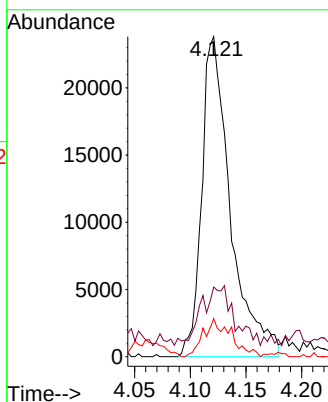
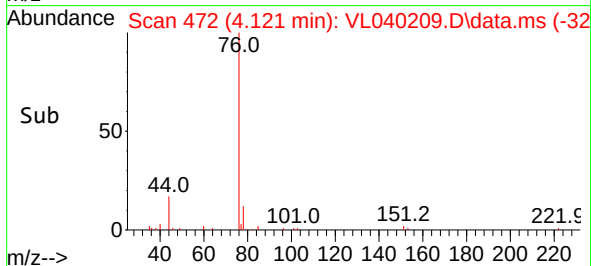
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 76 Resp: 42624
Ion Ratio Lower Upper
76 100
44 21.6 15.3 22.9
78 12.1 7.7 11.5

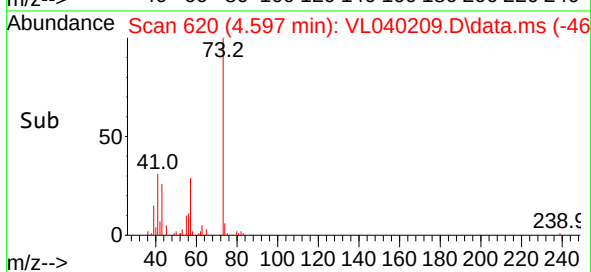
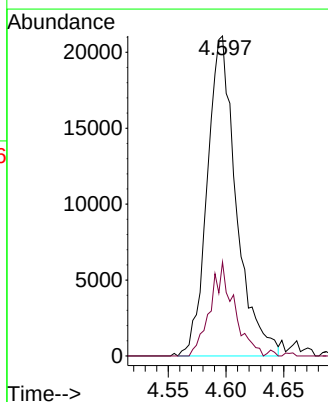
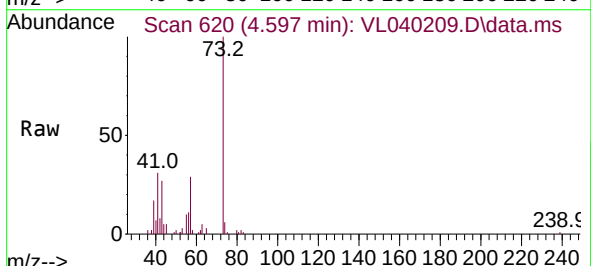
Manual Integrations
APPROVED

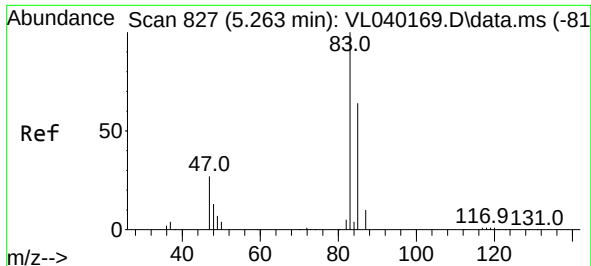
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#28
Methyl tert-Butyl Ether
Concen: 0.448 ppbv
RT: 4.597 min Scan# 620
Delta R.T. -0.000 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion: 73 Resp: 36774
Ion Ratio Lower Upper
73 100
57 24.7 18.8 28.2





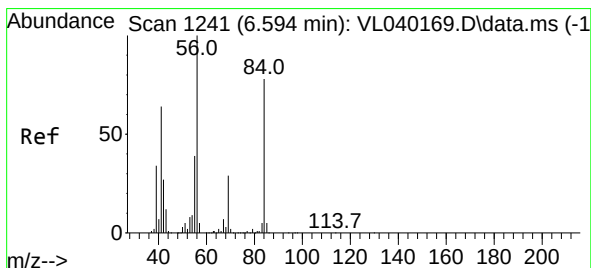
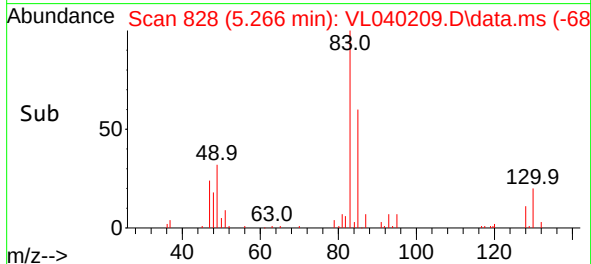
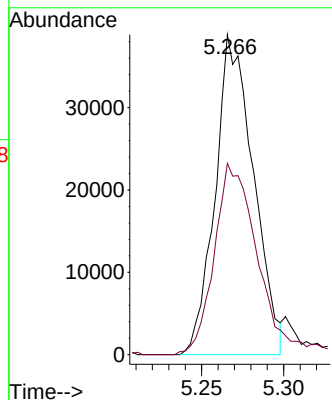
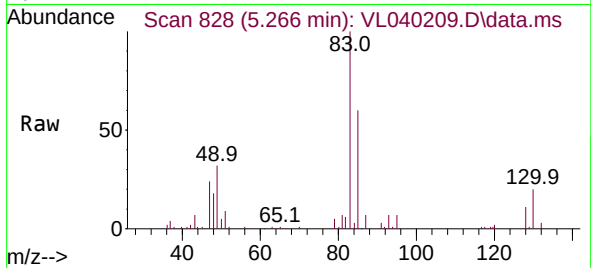
#29
Chloroform
Concen: 0.478 ppbv
RT: 5.266 min Scan# 81
Delta R.T. -0.023 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 83 Resp: 62960
Ion Ratio Lower Upper
83 100
85 58.8 51.5 77.3

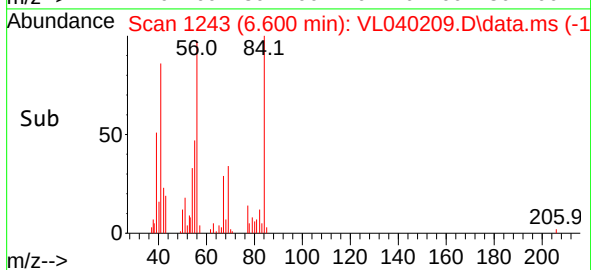
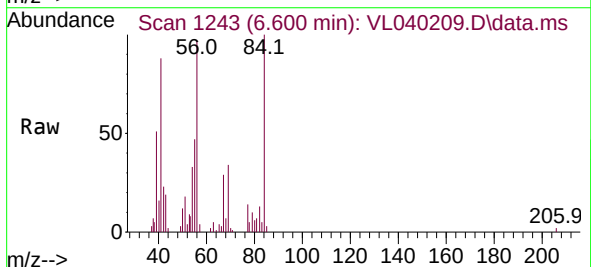
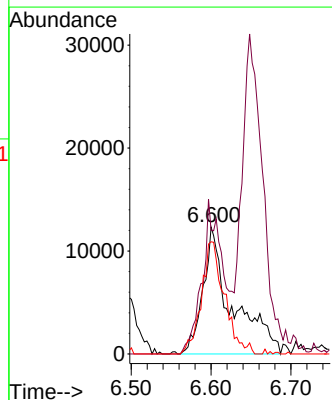
Manual Integrations
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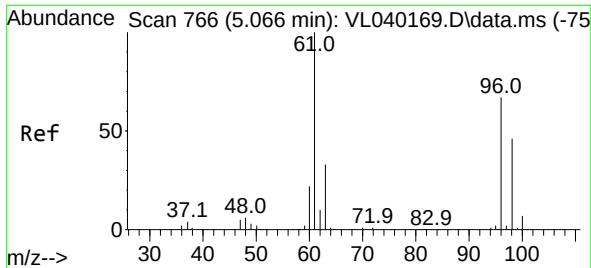
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#30
Cyclohexane
Concen: 0.519 ppbv m
RT: 6.600 min Scan# 1243
Delta R.T. -0.023 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

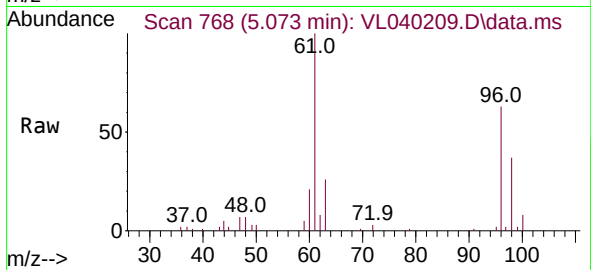
Tgt Ion: 84 Resp: 31234
Ion Ratio Lower Upper
84 100
56 81.8 109.9 164.9#
41 70.1 67.8 101.6





#31
 cis-1,2-Dichloroethene
 Concen: 0.474 ppbv
 RT: 5.073 min Scan# 768
 Delta R.T. -0.019 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

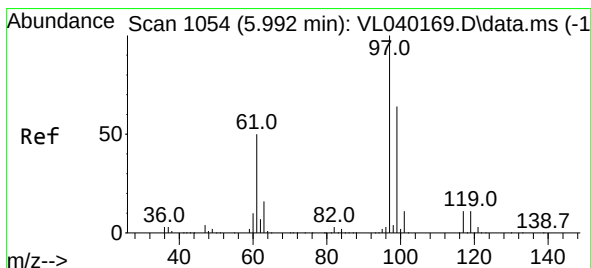
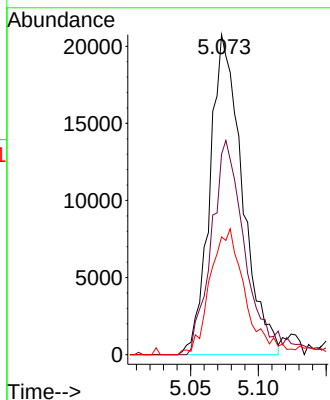
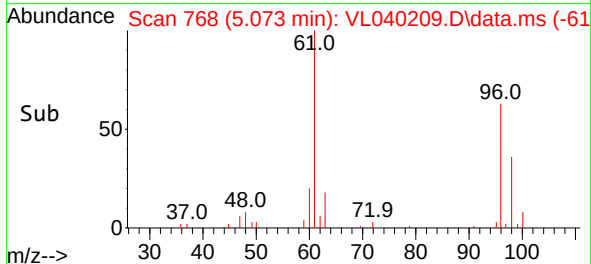
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023



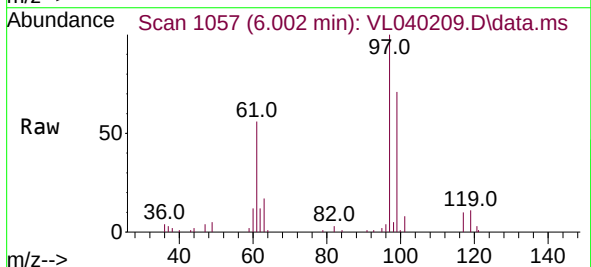
Tgt Ion: 61 Resp: 34520
 Ion Ratio Lower Upper
 61 100
 96 62.7 53.7 80.5
 98 36.8 36.4 54.6

Manual Integrations
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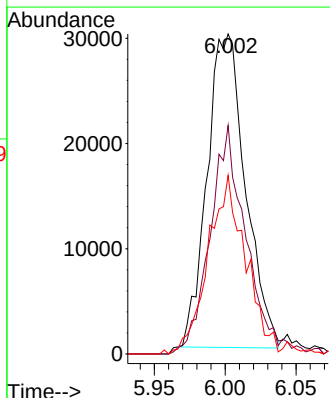
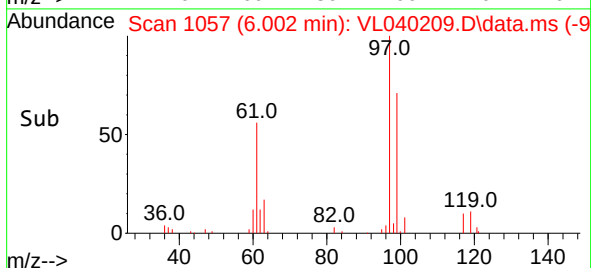
Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023

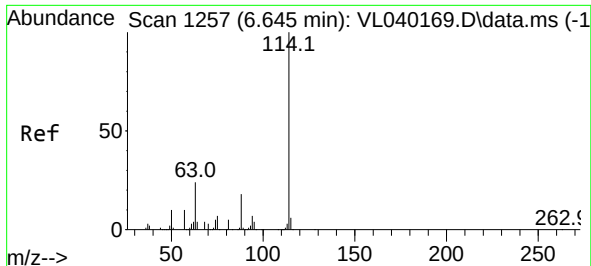


#32
 1,1,1-Trichloroethane
 Concen: 0.455 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.019 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15



Tgt Ion: 97 Resp: 56213
 Ion Ratio Lower Upper
 97 100
 99 68.9 51.5 77.3
 61 57.3 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 114

Delta R.T. -0.023 min

Lab File: VL040209.D

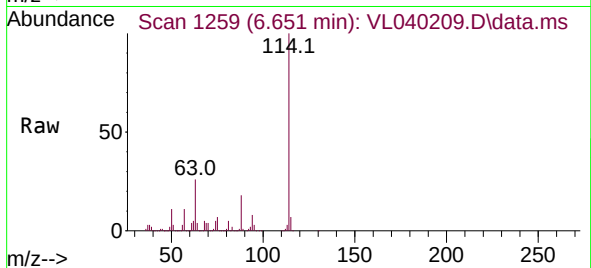
Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023



Tgt Ion:114 Resp: 209615

Ion Ratio Lower Upper

114 100

63 26.0 20.4 30.6

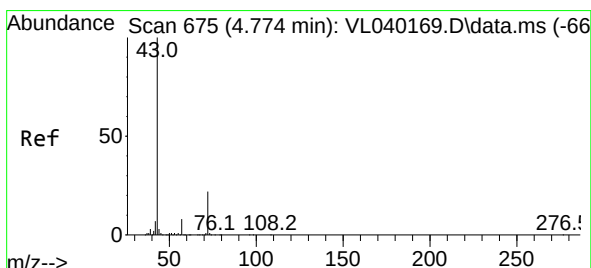
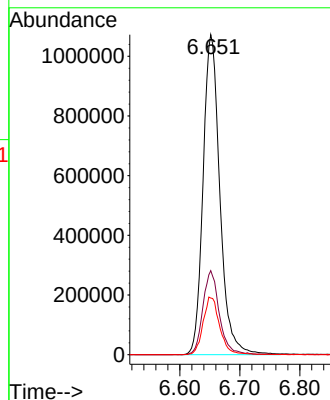
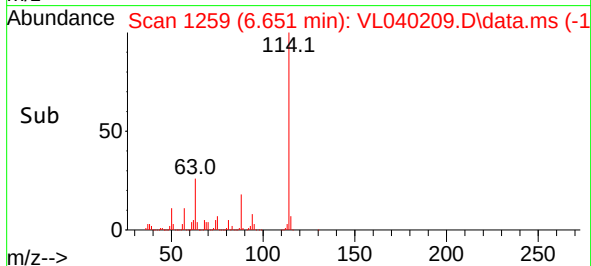
88 17.9 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#34

2-Butanone

Concen: 0.470 ppbv

RT: 4.799 min Scan# 683

Delta R.T. 0.003 min

Lab File: VL040209.D

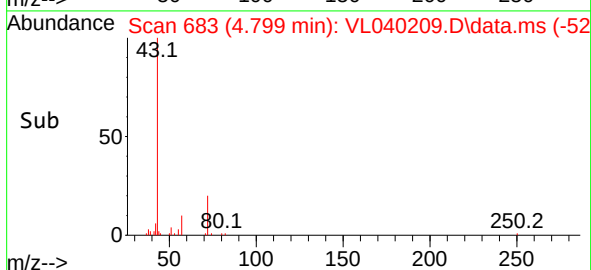
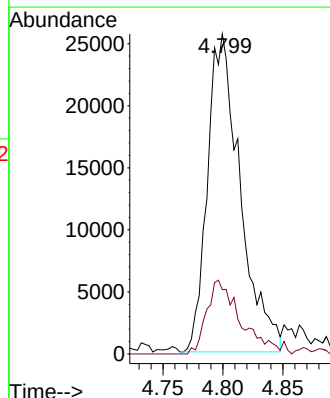
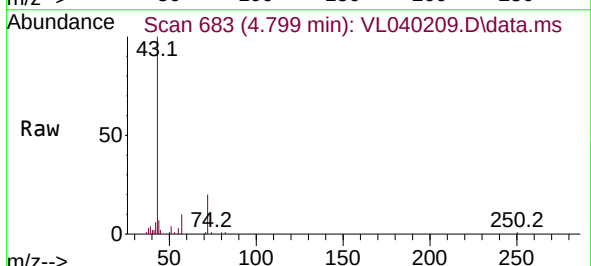
Acq: 22 Feb 2023 00:15

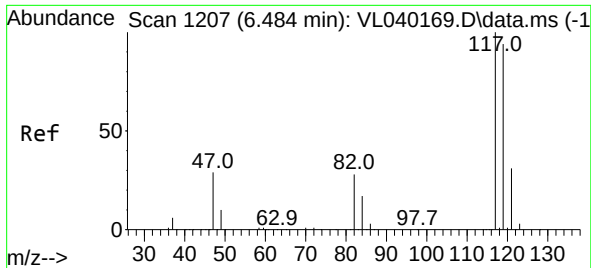
Tgt Ion: 43 Resp: 48649

Ion Ratio Lower Upper

43 100

72 25.7 17.8 26.8





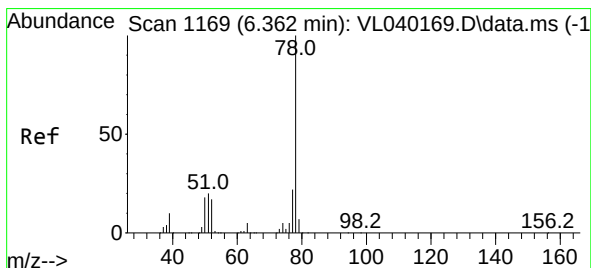
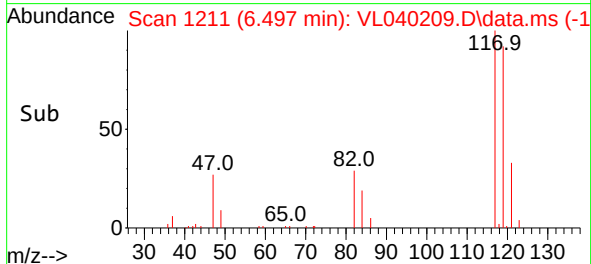
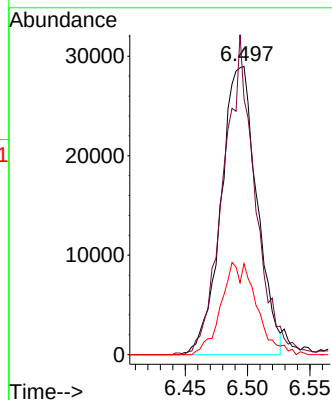
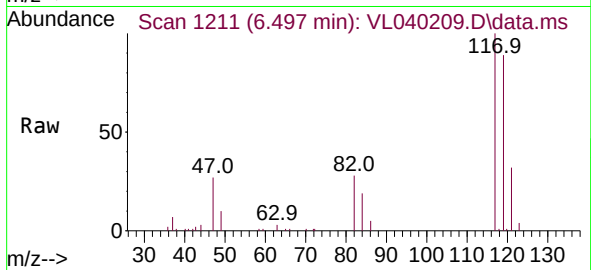
#35
Carbon Tetrachloride
Concen: 0.467 ppbv
RT: 6.497 min Scan# 1170
Delta R.T. -0.016 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

Tgt Ion:117 Resp: 57910
Ion Ratio Lower Upper
117 100
119 88.0 75.0 112.6
121 31.6 25.0 37.4

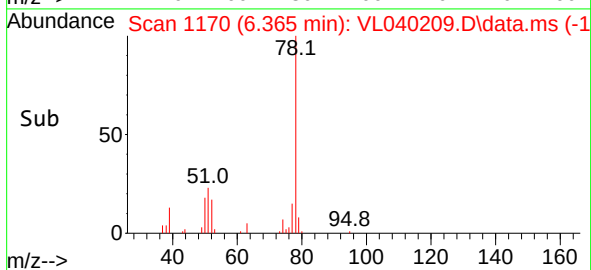
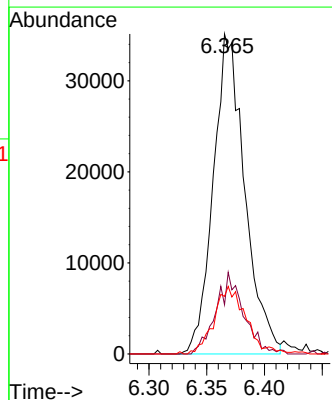
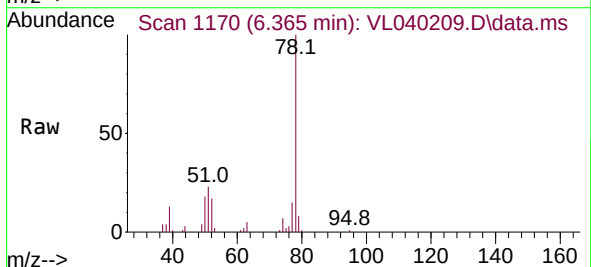
Manual Integrations
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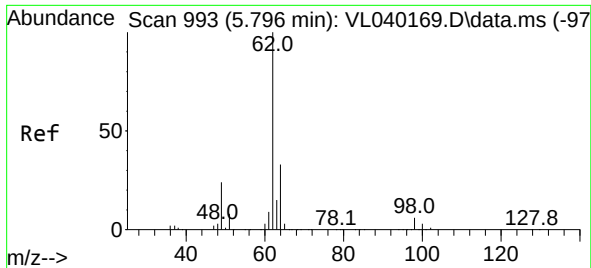
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#36
Benzene
Concen: 0.408 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.023 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

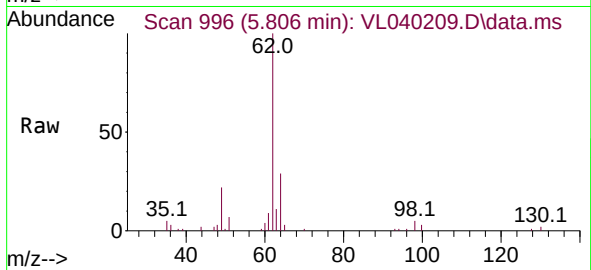
Tgt Ion: 78 Resp: 66620
Ion Ratio Lower Upper
78 100
77 15.4 17.5 26.3#
50 17.3 14.6 22.0





#37
1,2-Dichloroethane
Concen: 0.446 ppbv
RT: 5.806 min Scan# 996
Delta R.T. -0.016 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

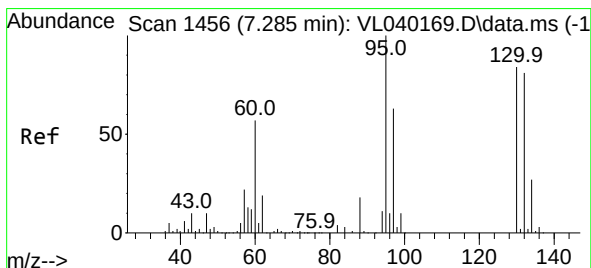
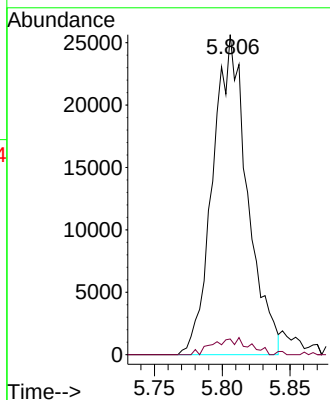
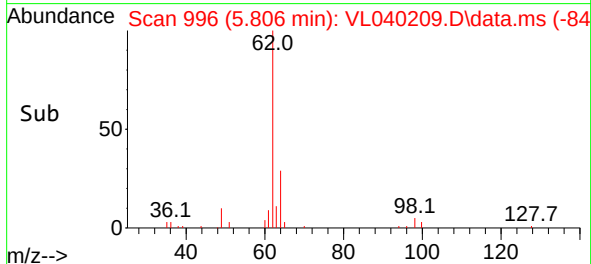
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



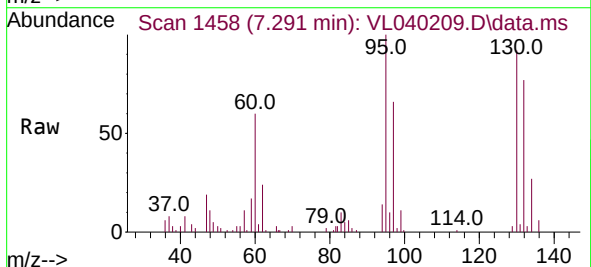
Tgt Ion: 62 Resp: 45510
Ion Ratio Lower Upper
62 100
98 5.6 4.7 7.1

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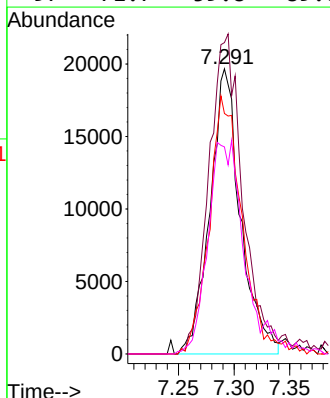
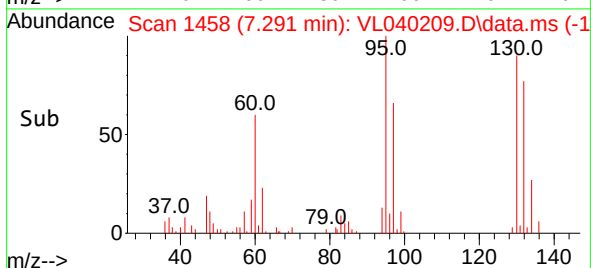
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

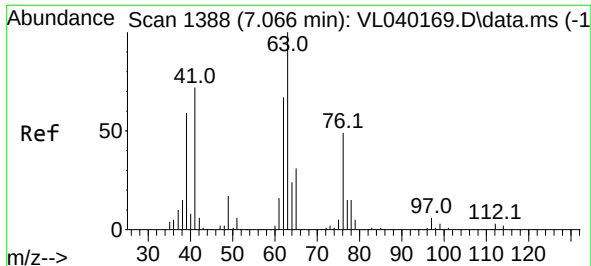


#38
Trichloroethene
Concen: 0.417 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.023 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15



Tgt Ion:130 Resp: 37497
Ion Ratio Lower Upper
130 100
95 109.2 94.7 142.1
132 84.3 76.4 114.6
97 71.7 59.8 89.6





#39

1,2-Dichloropropane

Concen: 0.406 ppbv

RT: 7.069 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

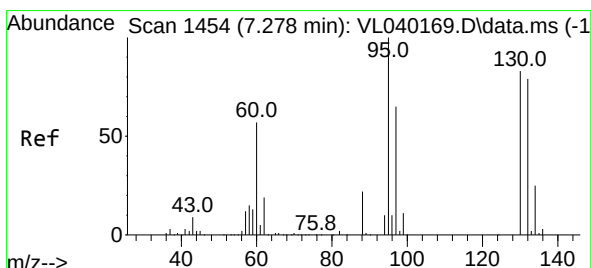
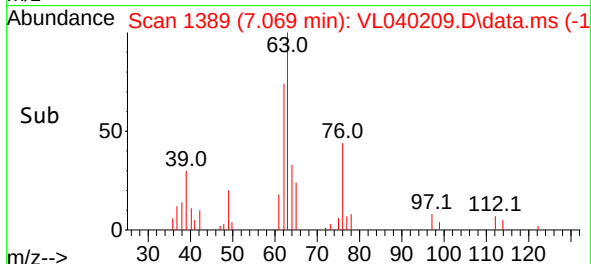
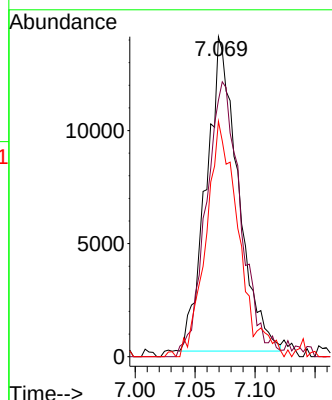
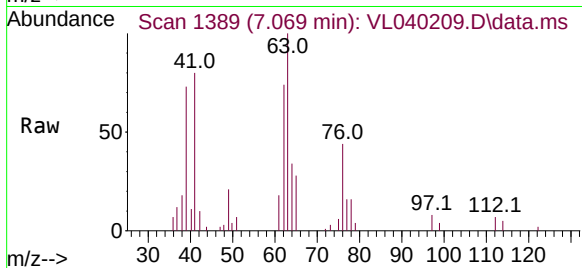
Tgt Ion: 63 Resp: 2575

Ion	Ratio	Lower	Upper
63	100		
41	79.5	57.6	86.4
62	74.9	54.0	81.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#40

1,4-Dioxane

Concen: 0.446 ppbv m

RT: 7.320 min Scan# 1467

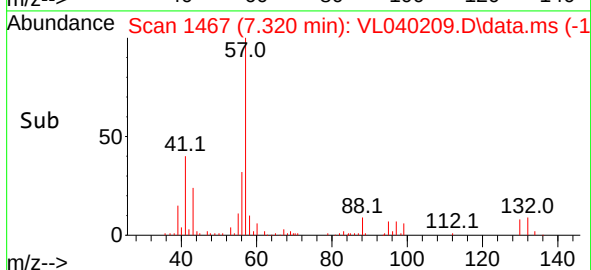
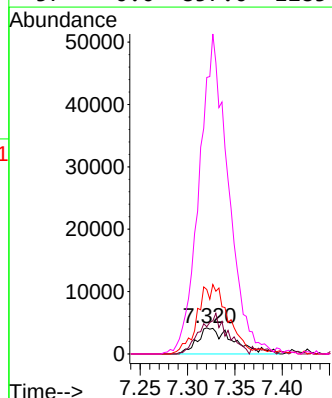
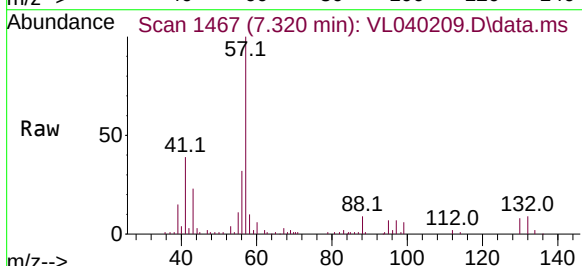
Delta R.T. 0.013 min

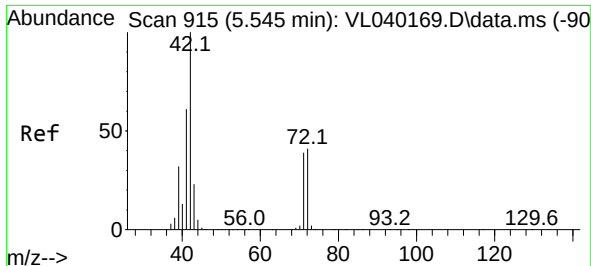
Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Tgt Ion: 88 Resp: 11319

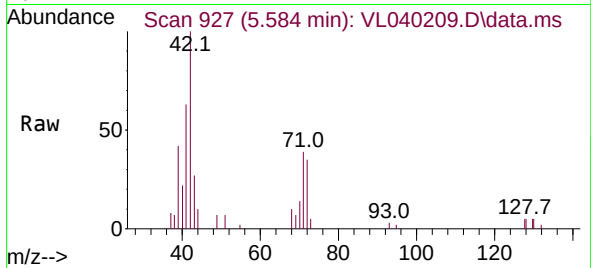
Ion	Ratio	Lower	Upper
88	100		
58	0.0	97.4	146.0#
43	0.0	193.5	290.3#
57	0.0	857.0	1285.6#





#41
Tetrahydrofuran
Concen: 0.370 ppbv m
RT: 5.584 min Scan# 915
Delta R.T. 0.013 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

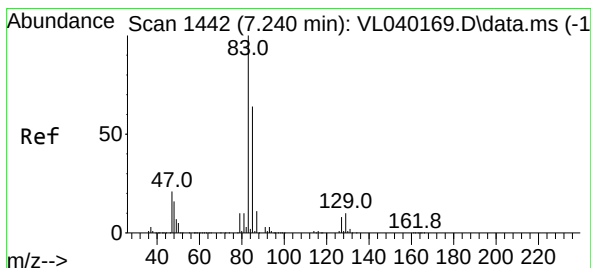
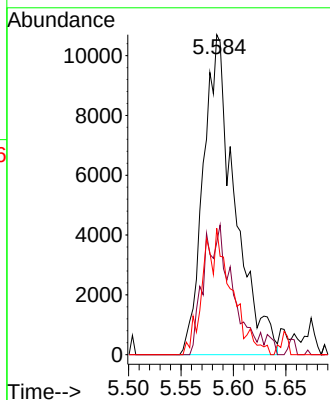
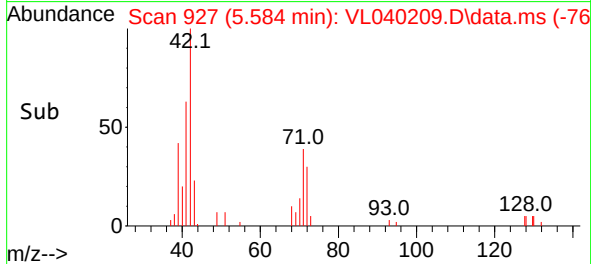
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 42 Resp: 22190
Ion Ratio Lower Upper
42 100
72 39.9 33.0 49.4
71 35.9 31.4 47.2

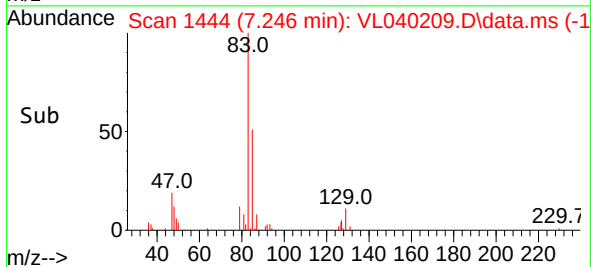
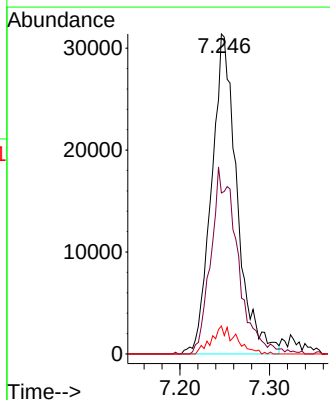
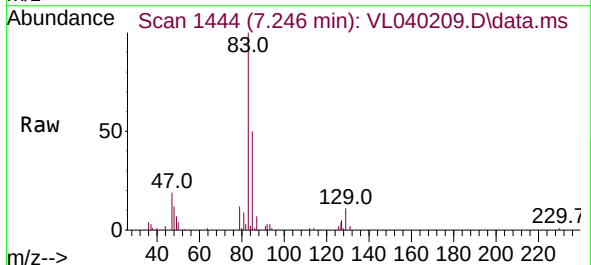
Manual Integrations
APPROVED

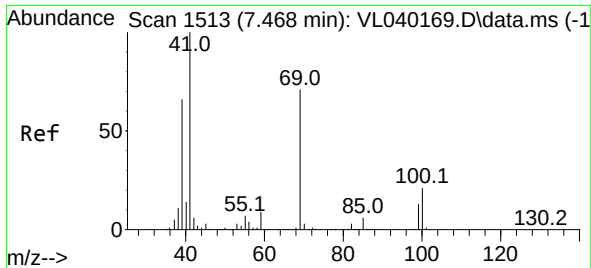
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#42
Bromodichloromethane
Concen: 0.440 ppbv m
RT: 7.246 min Scan# 1444
Delta R.T. -0.023 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

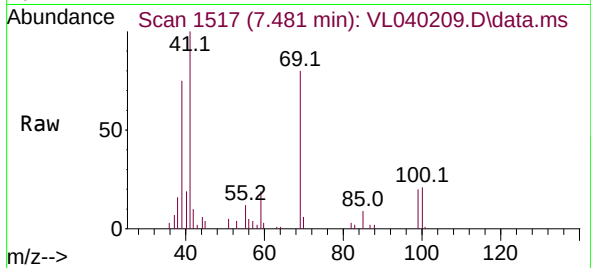
Tgt Ion: 83 Resp: 62011
Ion Ratio Lower Upper
83 100
85 50.3 50.9 76.3#
127 4.8 6.2 9.2#





#43
Methyl Methacrylate
Concen: 0.342 ppbv m
RT: 7.481 min Scan# 1517
Delta R.T. -0.013 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

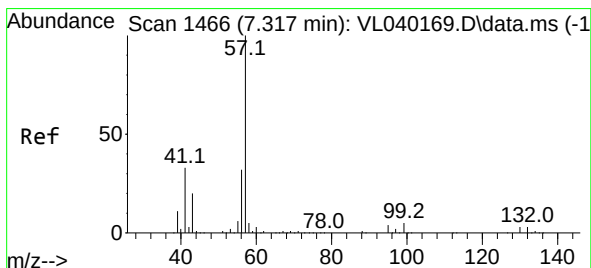
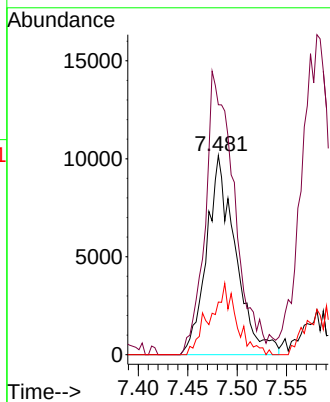
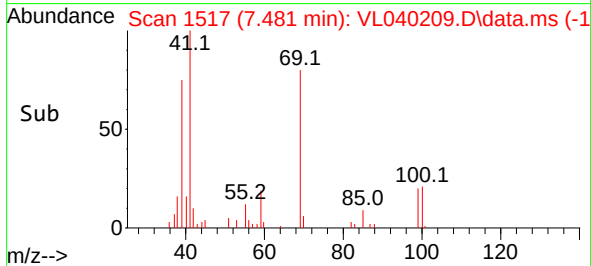
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 69 Resp: 20650
Ion Ratio Lower Upper
69 100
41 143.1 116.6 174.8
100 0.0 25.6 38.4

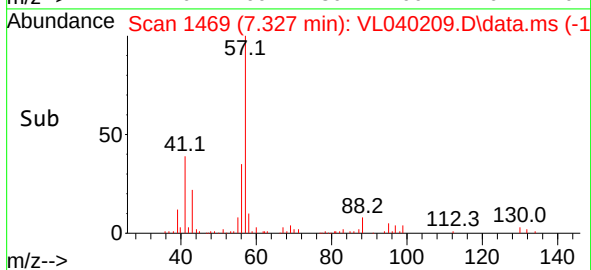
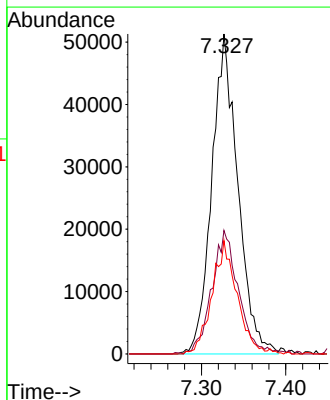
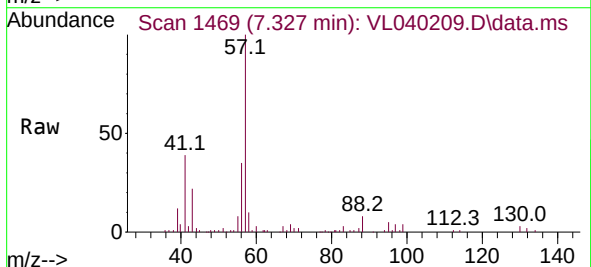
Manual Integrations
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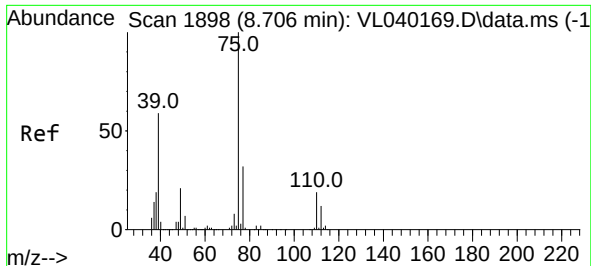
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#44
2,2,4-Trimethylpentane
Concen: 0.404 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.019 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion: 57 Resp: 110095
Ion Ratio Lower Upper
57 100
41 39.9 26.2 39.4
56 34.2 24.9 37.3





#45

t-1,3-Dichloropropene

Concen: 0.308 ppbv m

RT: 8.716 min Scan# 1898

Delta R.T. -0.019 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 75 Resp: 16484

Ion Ratio Lower Upper

75 100

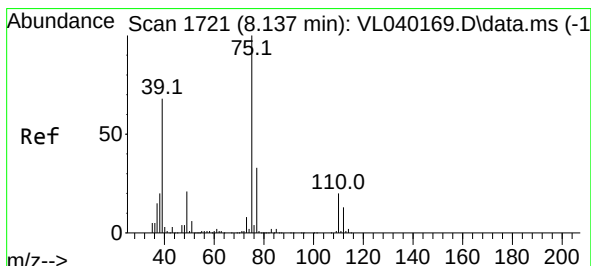
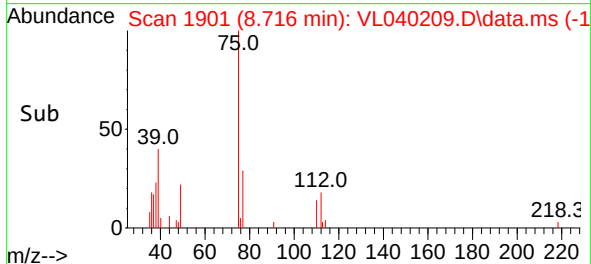
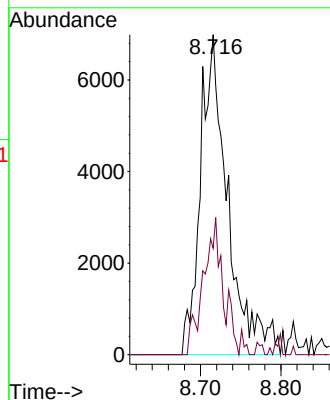
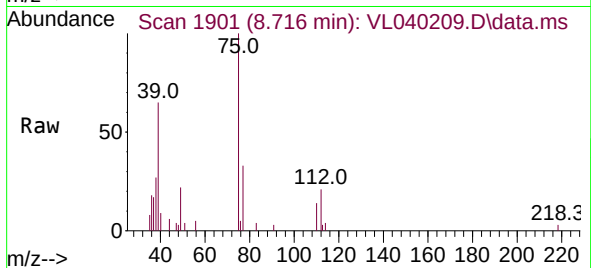
77 33.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#46

cis-1,3-Dichloropropene

Concen: 0.330 ppbv

RT: 8.147 min Scan# 1724

Delta R.T. -0.016 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

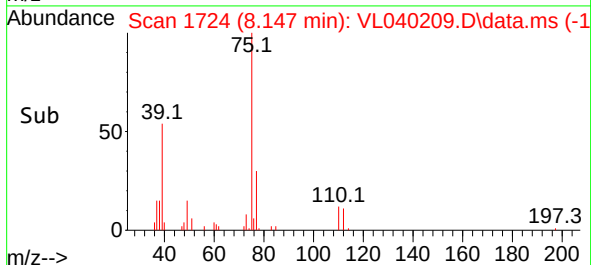
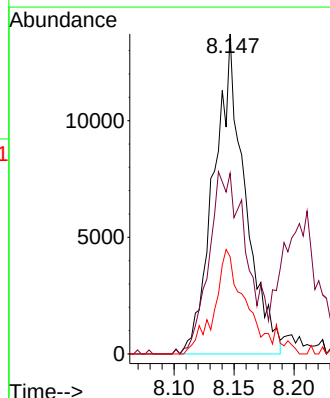
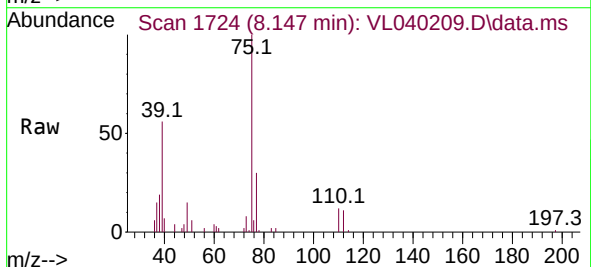
Tgt Ion: 75 Resp: 24635

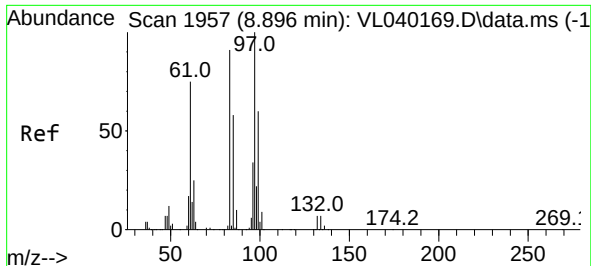
Ion Ratio Lower Upper

75 100

39 56.4 54.2 81.2

77 30.4 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 0.446 ppbv m

RT: 8.902 min Scan# 1957

Delta R.T. -0.023 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_L

ClientSampleId :

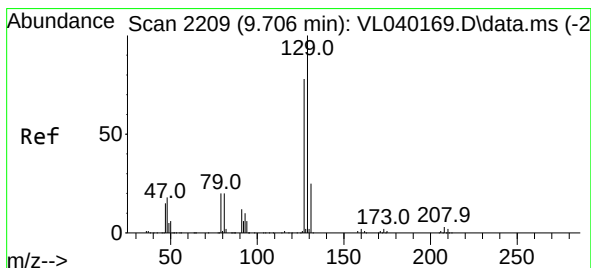
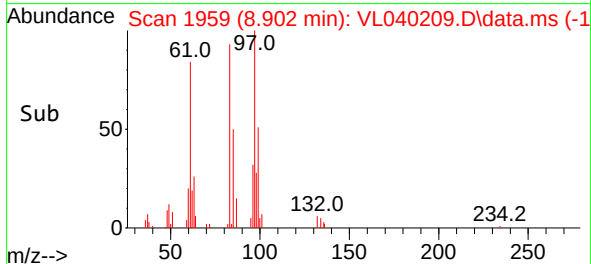
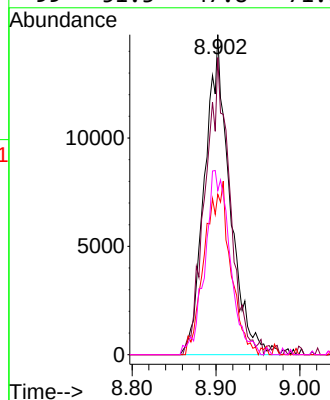
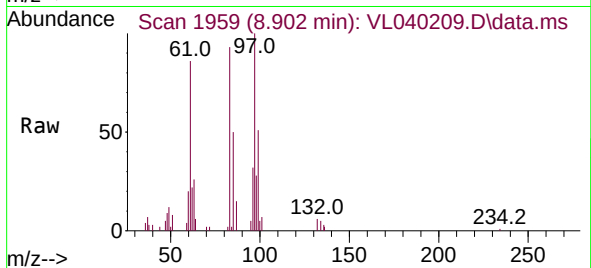
LOD-MDL-AIR-01-QT1-2023

Tgt Ion:	97	Resp:	3063
Ion Ratio	Lower	Upper	
97	100		
83	92.8	72.8	109.2
85	50.1	46.6	69.8
99	51.3	47.8	71.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#48

Dibromochloromethane

Concen: 0.393 ppbv m

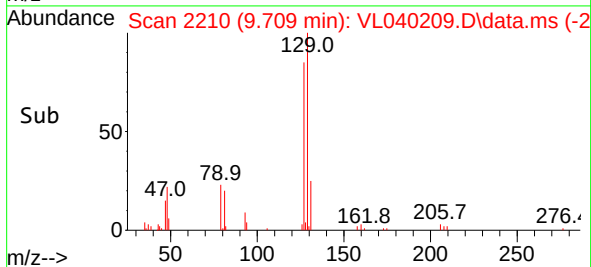
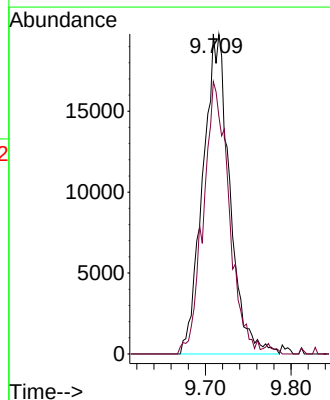
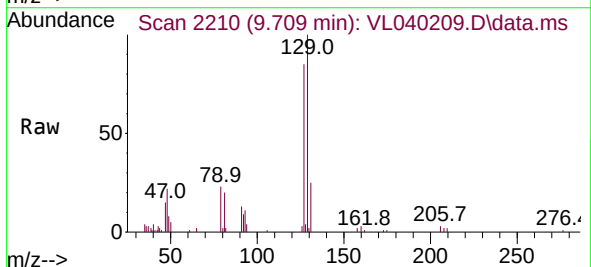
RT: 9.709 min Scan# 2210

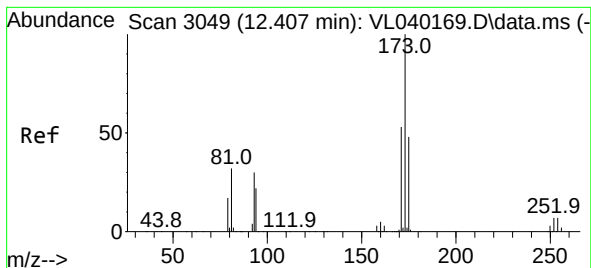
Delta R.T. -0.026 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Tgt Ion:	129	Resp:	43163
Ion Ratio	Lower	Upper	
129	100		
127	82.5	39.1	117.2





#49

Bromoform

Concen: 0.386 ppbv m

RT: 12.407 min Scan# 3049

Delta R.T. -0.029 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_L

ClientSampleId :

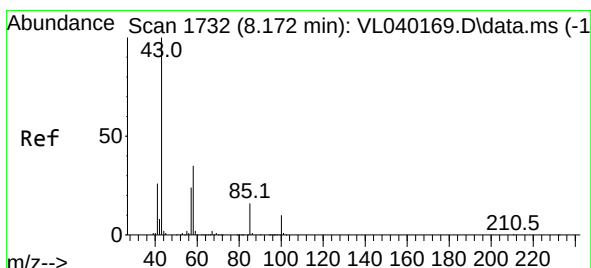
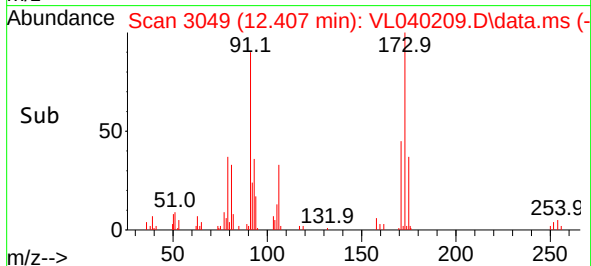
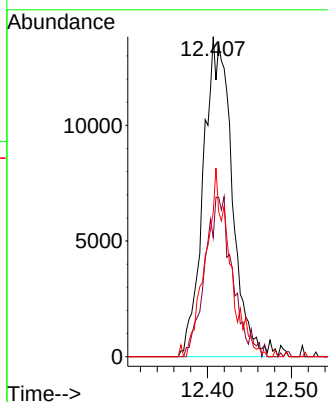
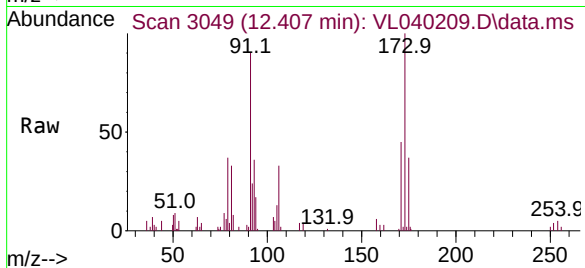
LOD-MDL-AIR-01-QT1-2023

Tgt Ion:173	Resp:	3307
Ion Ratio	Lower	Upper
173	100	
175	0.0	39.4
171	0.0	41.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#50

4-Methyl-2-Pentanone

Concen: 0.373 ppbv

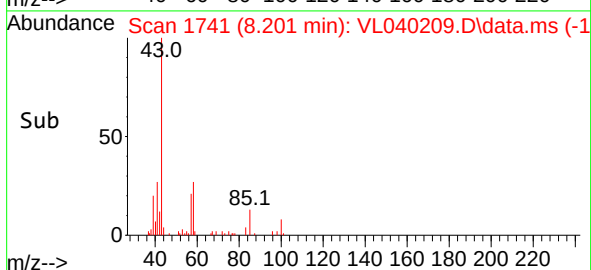
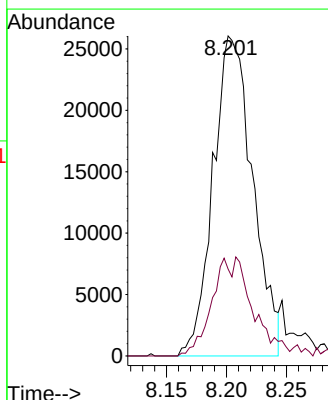
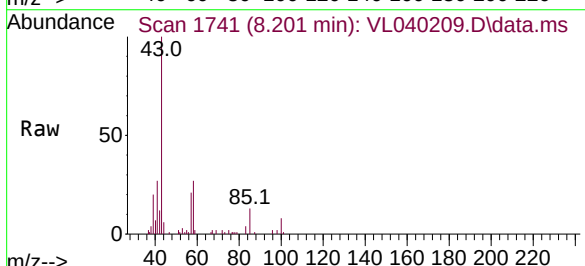
RT: 8.201 min Scan# 1741

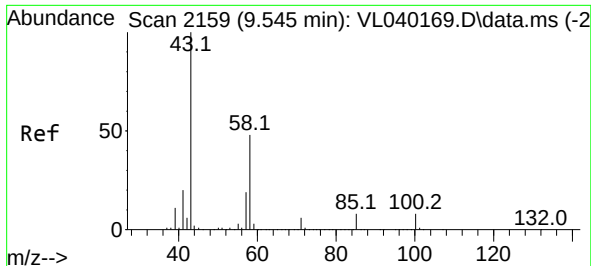
Delta R.T. -0.000 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

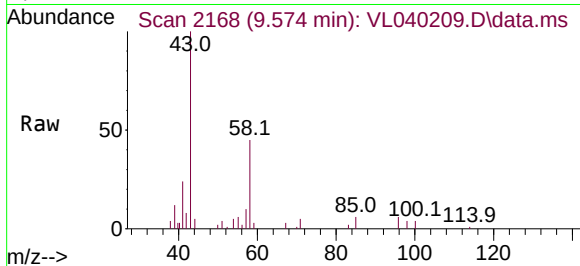
Tgt Ion: 43	Resp:	59895
Ion Ratio	Lower	Upper
43	100	
58	32.3	29.2





#51
2-Hexanone
Concen: 0.337 ppbv m
RT: 9.574 min Scan# 2159
Delta R.T. -0.000 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

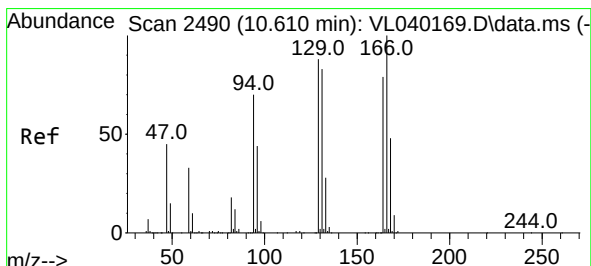
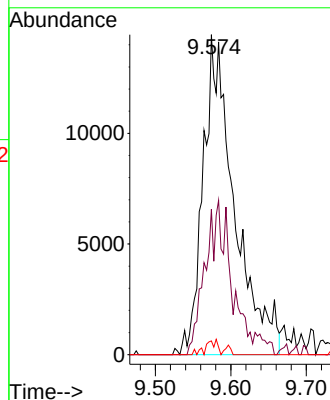
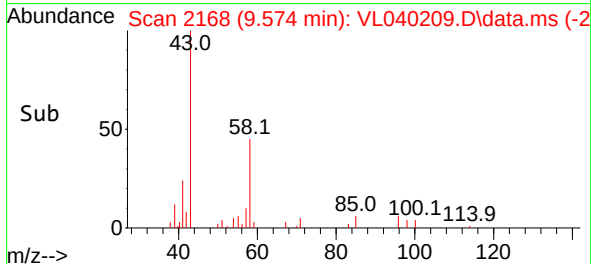
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 43 Resp: 41604
Ion Ratio Lower Upper
43 100
58 0.0 39.1 58.7
98 0.0 0.2 0.4

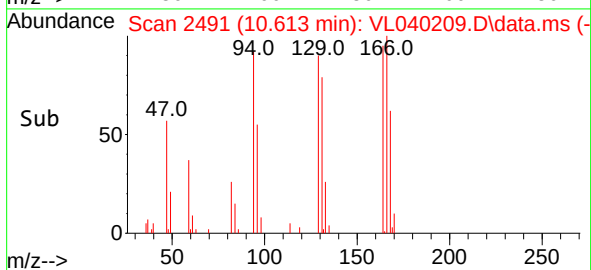
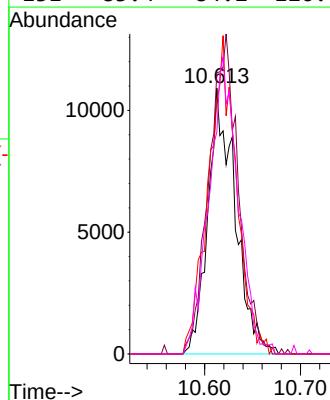
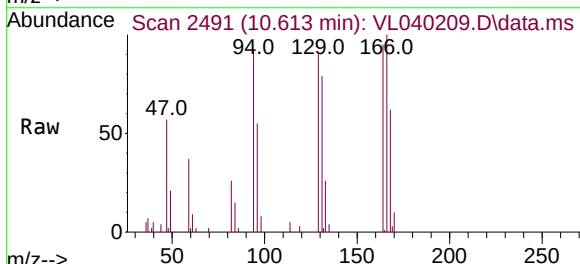
Manual Integrations
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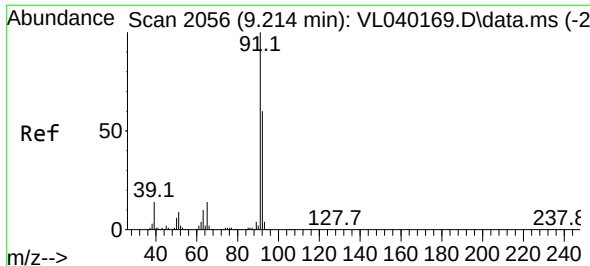
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#52
Tetrachloroethene
Concen: 0.422 ppbv m
RT: 10.613 min Scan# 2491
Delta R.T. -0.029 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

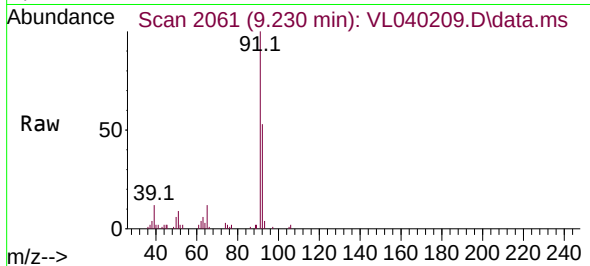
Tgt Ion:164 Resp: 21493
Ion Ratio Lower Upper
164 100
166 105.8 101.5 152.3
129 95.3 89.0 133.4
131 83.4 84.2 126.4





#53
Toluene
Concen: 0.328 ppbv
RT: 9.230 min Scan# 2056
Delta R.T. -0.016 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

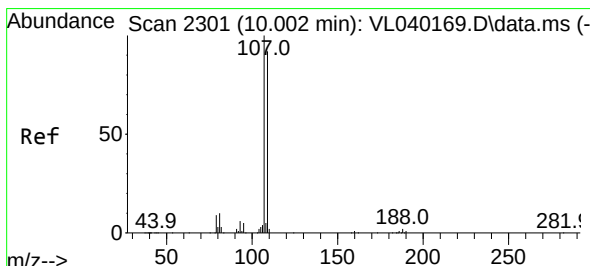
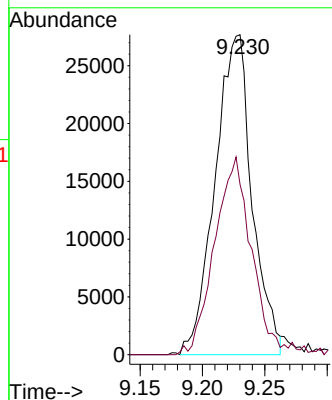
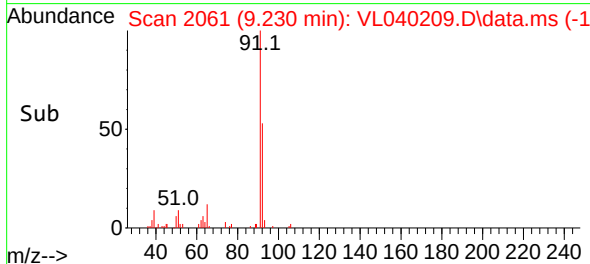
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



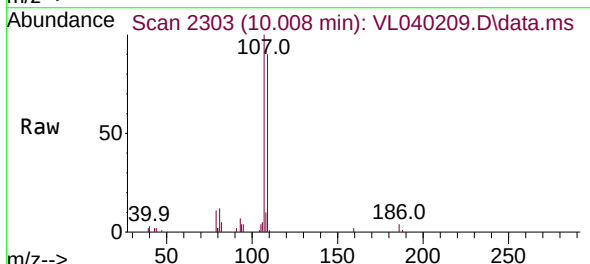
Tgt Ion: 91 Resp: 57264
Ion Ratio Lower Upper
91 100
92 62.0 48.9 73.3

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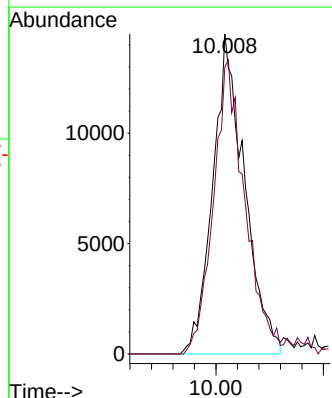
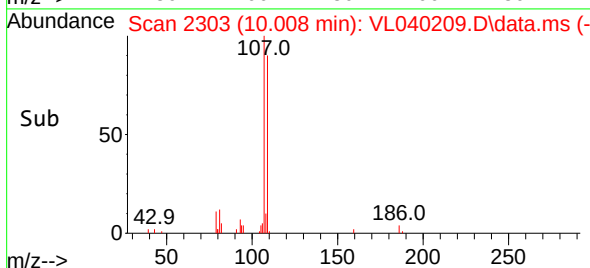
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

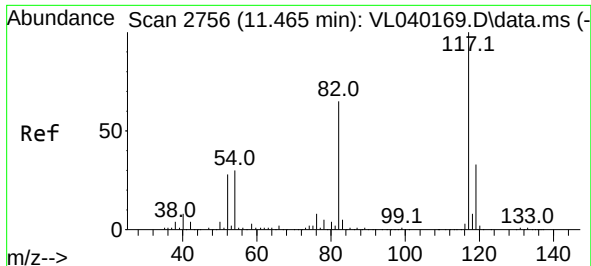


#54
1,2-Dibromoethane
Concen: 0.415 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. -0.026 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15



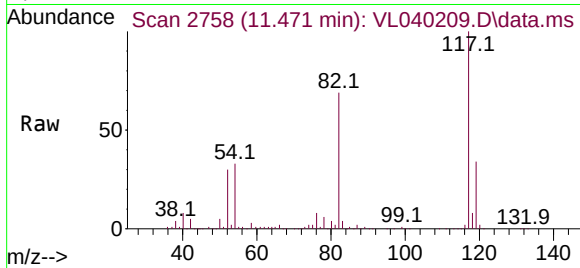
Tgt Ion:107 Resp: 29639
Ion Ratio Lower Upper
107 100
109 89.6 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2756
Delta R.T. -0.023 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

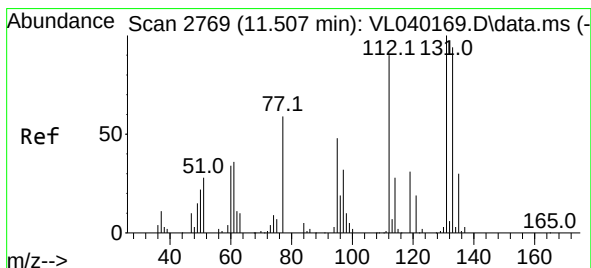
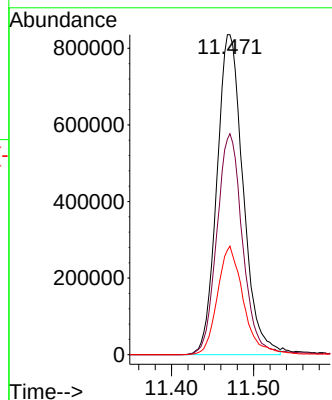
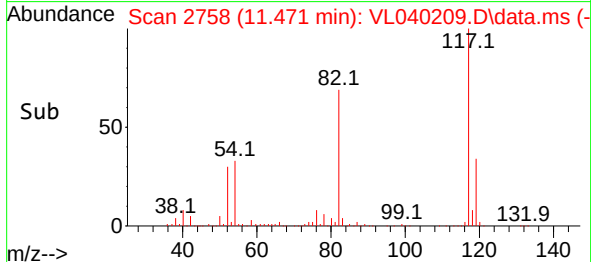
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion:117 Resp: 1856838
Ion Ratio Lower Upper
117 100
82 69.0 53.3 79.9
119 34.0 24.6 37.0

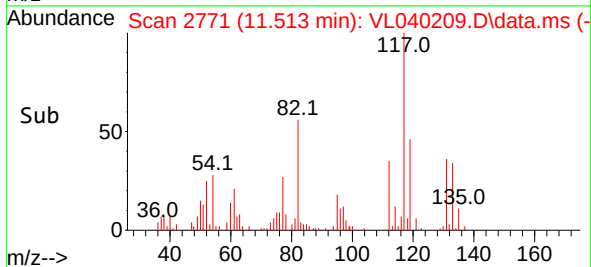
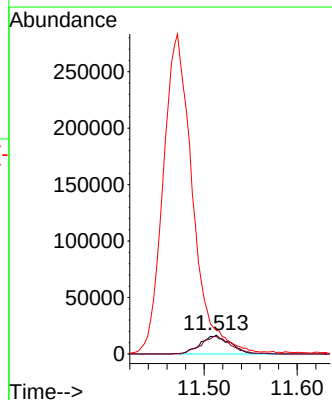
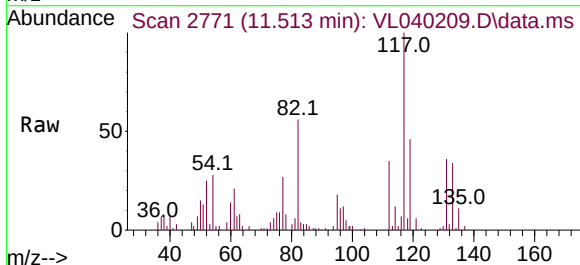
Manual Integrations
APPROVED

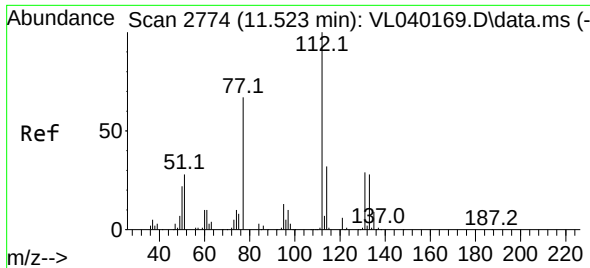
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 0.473 ppbv m
RT: 11.513 min Scan# 2771
Delta R.T. -0.026 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

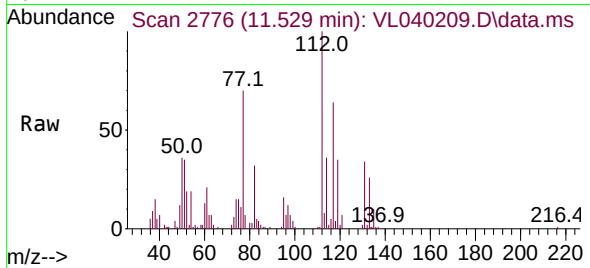
Tgt Ion:131 Resp: 36844
Ion Ratio Lower Upper
131 100
133 0.0 76.2 114.2#
119 0.0 45.4 68.0#





#57
Chlorobenzene
Concen: 0.480 ppbv m
RT: 11.529 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

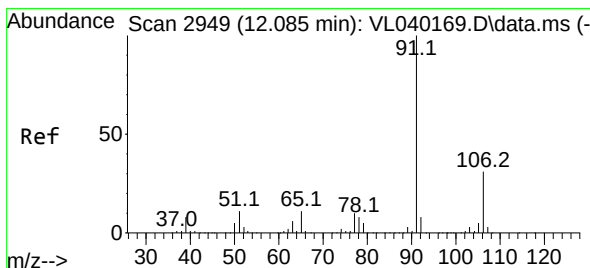
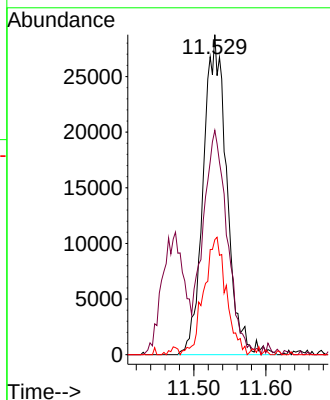
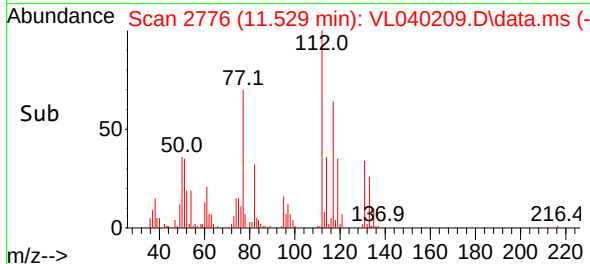
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 112 Resp: 6507
Ion Ratio Lower Upper
112 100
77 70.1 55.0 82.4
114 35.9 29.0 35.4

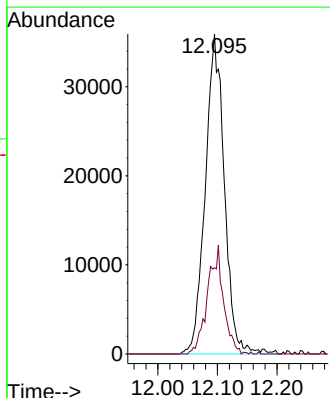
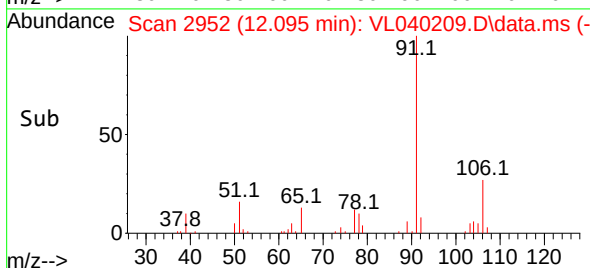
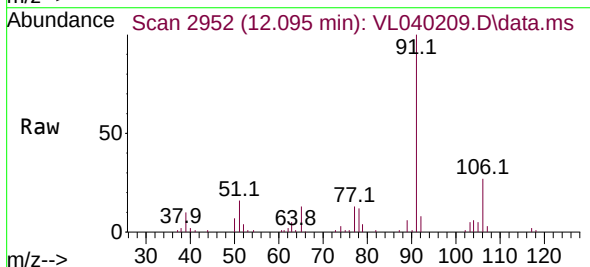
Manual Integrations
APPROVED

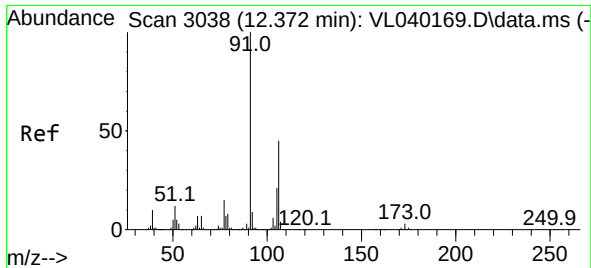
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#58
Ethyl Benzene
Concen: 0.354 ppbv m
RT: 12.095 min Scan# 2952
Delta R.T. -0.023 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion: 91 Resp: 79920
Ion Ratio Lower Upper
91 100
106 27.0 24.9 37.3





#59

m/p-Xylene

Concen: 0.790 ppbv m

RT: 12.384 min Scan# 3042

Delta R.T. -0.013 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 91 Resp: 15786

Ion Ratio Lower Upper

91 100

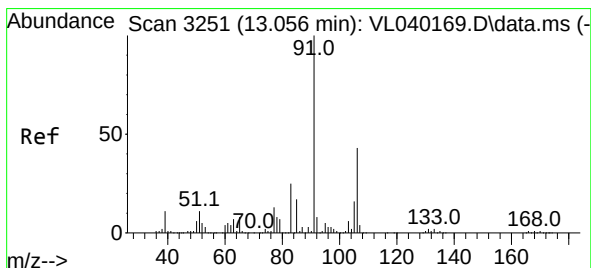
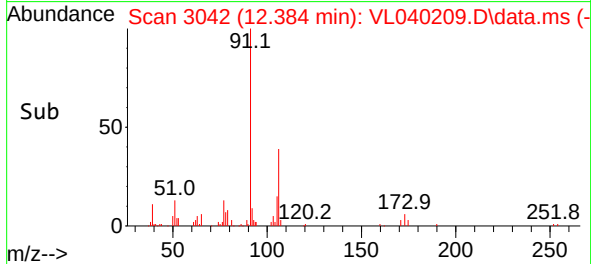
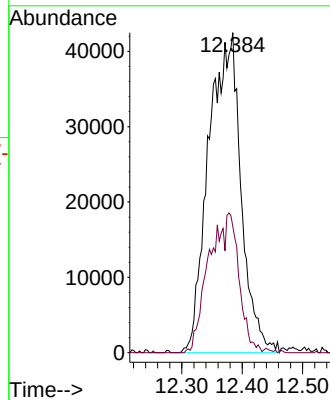
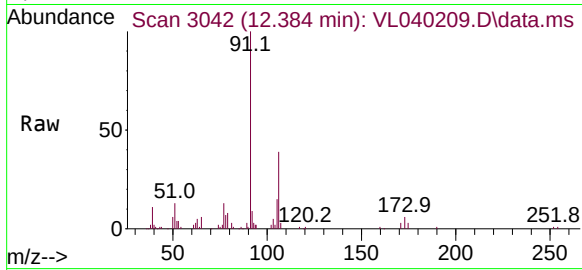
106 0.0 34.6 51.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#60

o-Xylene

Concen: 0.396 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. -0.019 min

Lab File: VL040209.D

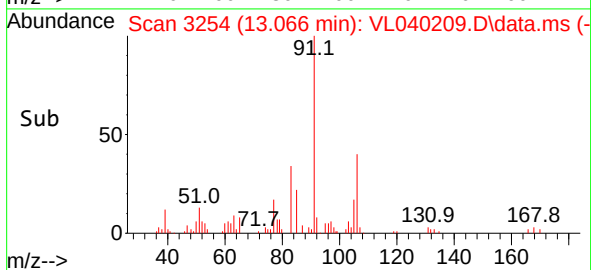
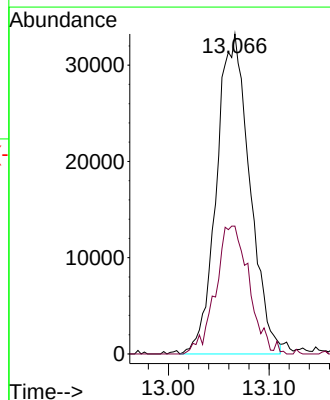
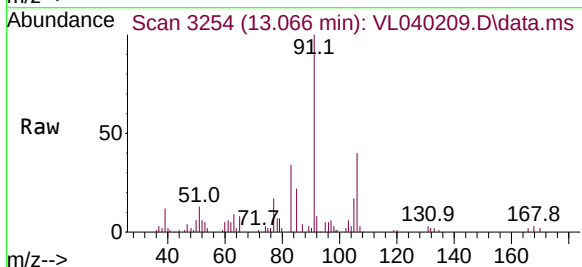
Acq: 22 Feb 2023 00:15

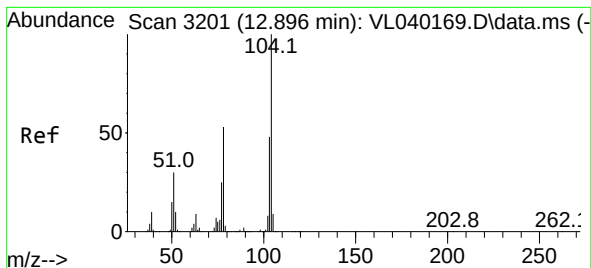
Tgt Ion: 91 Resp: 76112

Ion Ratio Lower Upper

91 100

106 40.8 21.6 65.0





#61

Styrene

Concen: 0.279 ppbv m

RT: 12.905 min Scan# 31

Delta R.T. -0.023 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_L

ClientSampleId :

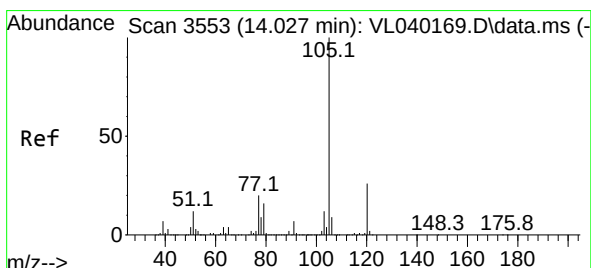
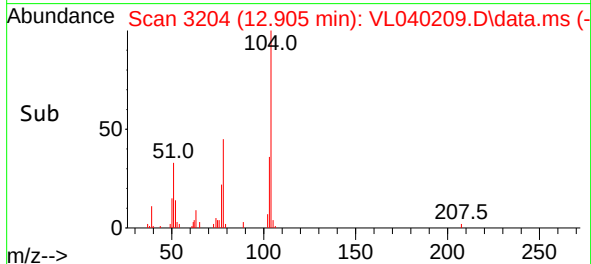
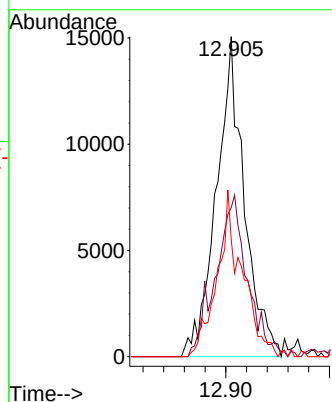
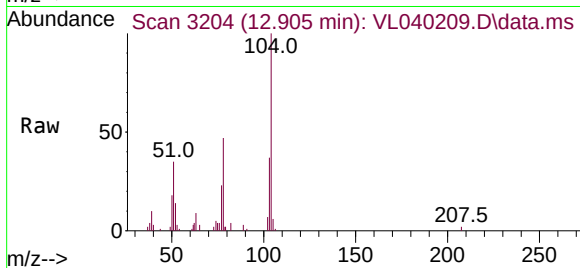
LOD-MDL-AIR-01-QT1-2023

Tgt Ion:104	Resp:	28150
Ion Ratio	Lower	Upper
104	100	
78	57.2	42.3 63.5
103	47.3	37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#62

Isopropylbenzene

Concen: 0.426 ppbv

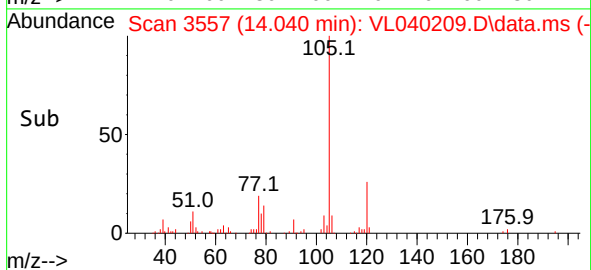
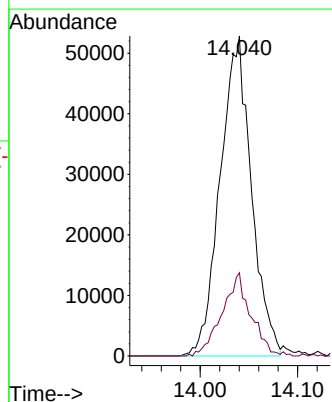
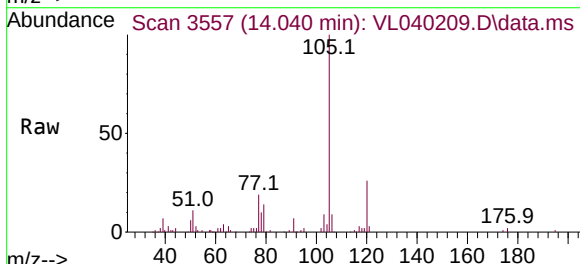
RT: 14.040 min Scan# 3557

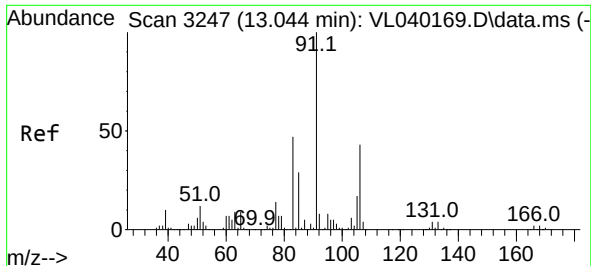
Delta R.T. -0.019 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

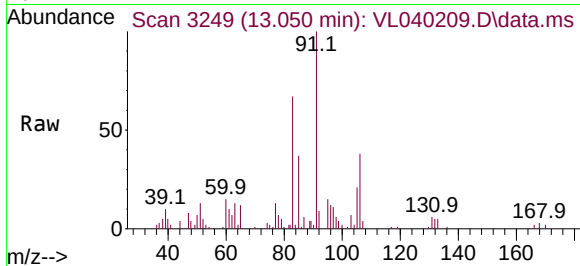
Tgt Ion:105	Resp:	117545
Ion Ratio	Lower	Upper
105	100	
120	24.0	20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.497 ppbv m
RT: 13.050 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

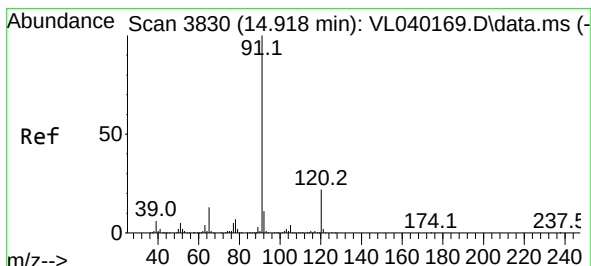
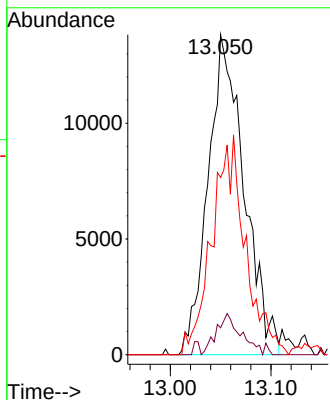
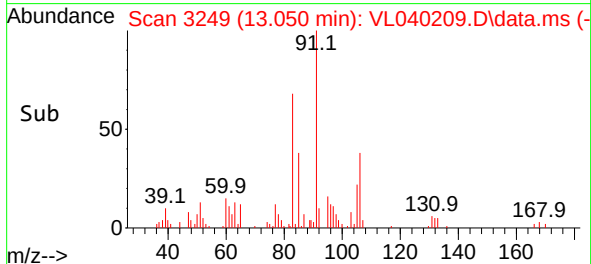
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 83 Resp: 34449
Ion Ratio Lower Upper
83 100
131 9.7 4.4 13.2
85 65.1 33.0 99.0

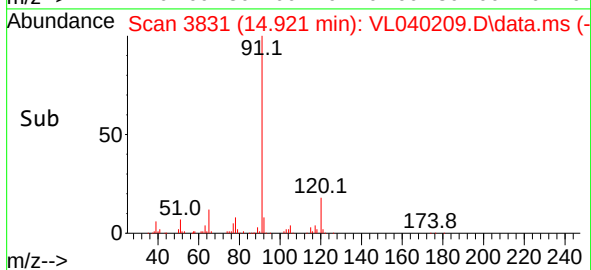
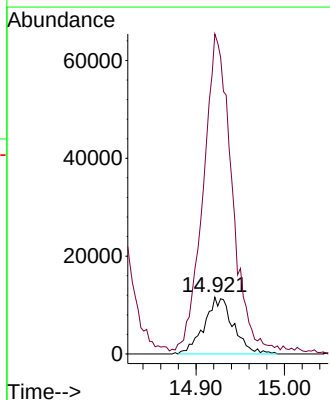
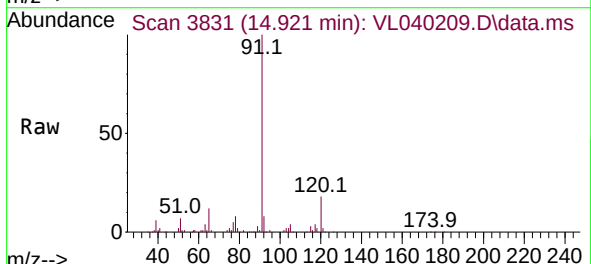
Manual Integrations
APPROVED

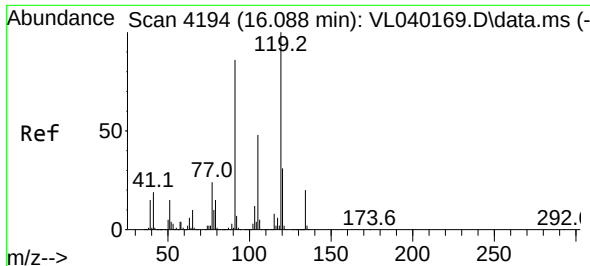
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#64
n-propylbenzene
Concen: 0.387 ppbv m
RT: 14.921 min Scan# 3831
Delta R.T. -0.029 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion:120 Resp: 26440
Ion Ratio Lower Upper
120 100
91 565.5 389.8 584.8





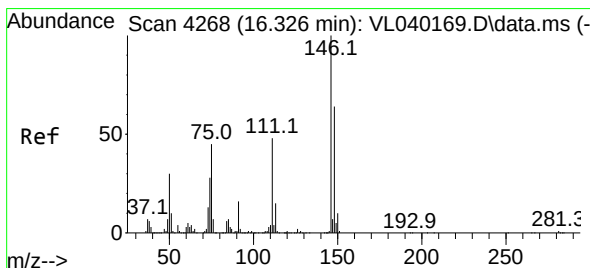
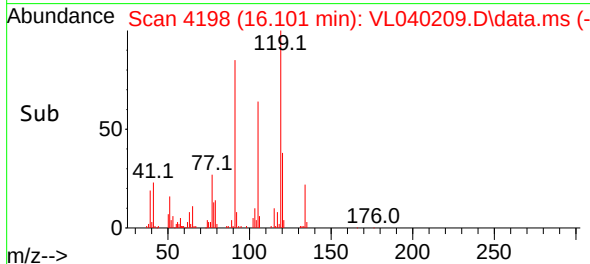
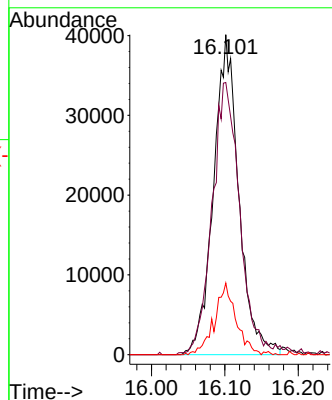
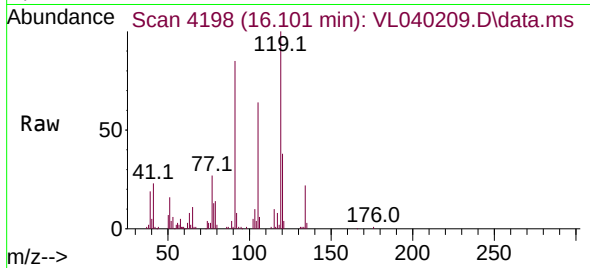
#65
tert-Butylbenzene
Concen: 0.400 ppbv m
RT: 16.101 min Scan# 4198
Delta R.T. -0.019 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

Tgt Ion:119 Resp: 9588
Ion Ratio Lower Upper
119 100
91 94.7 68.6 102.8
134 19.3 15.9 23.9

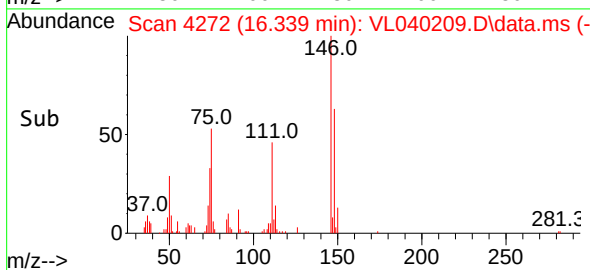
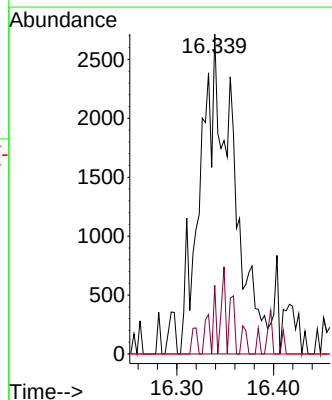
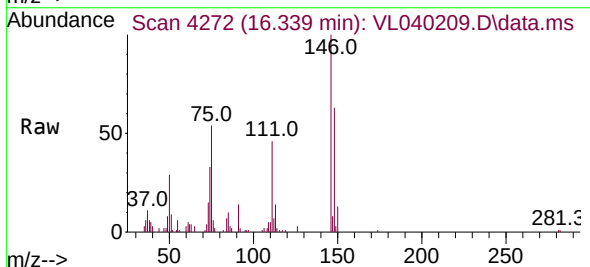
Manual Integrations
APPROVED

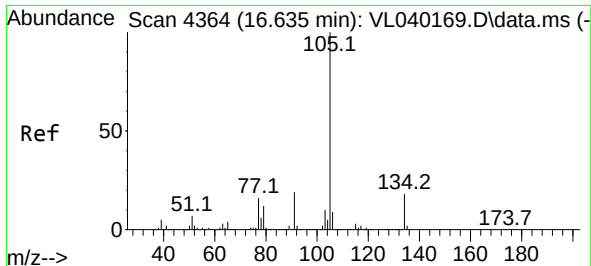
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#66
Benzyl Chloride
Concen: 0.420 ppbv m
RT: 16.339 min Scan# 4272
Delta R.T. -0.019 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

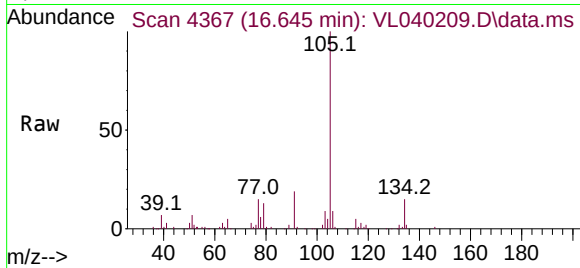
Tgt Ion: 91 Resp: 6706
Ion Ratio Lower Upper
91 100
126 11.9 13.1 19.7#
128 0.0 4.1 6.1#





#67
 sec-Butylbenzene
 Concen: 0.409 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. -0.023 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

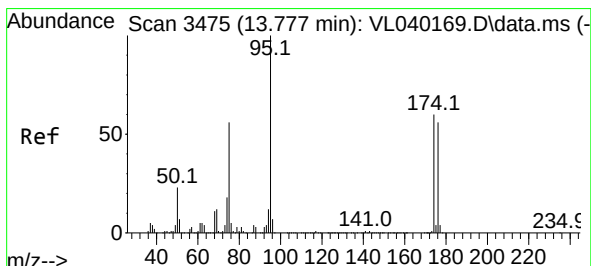
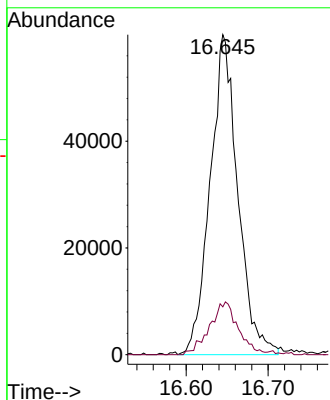
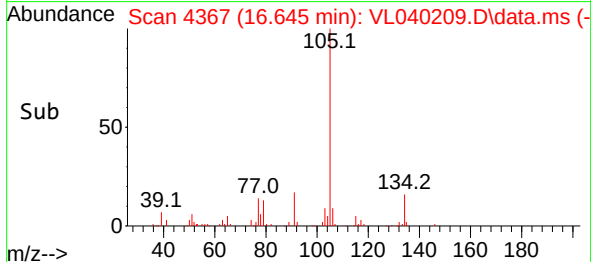
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023



Tgt Ion:105 Resp: 14058
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.1 21.1

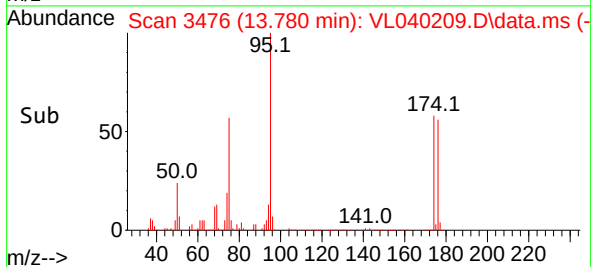
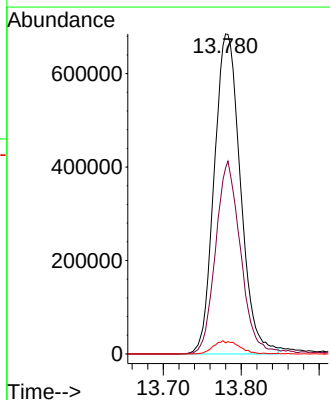
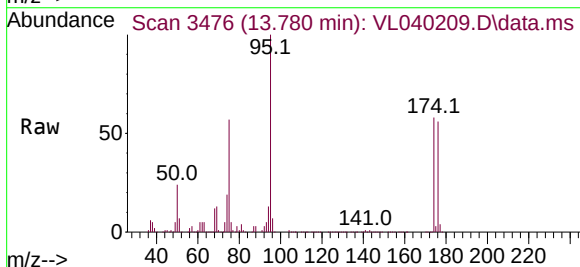
Manual Integrations
 APPROVED

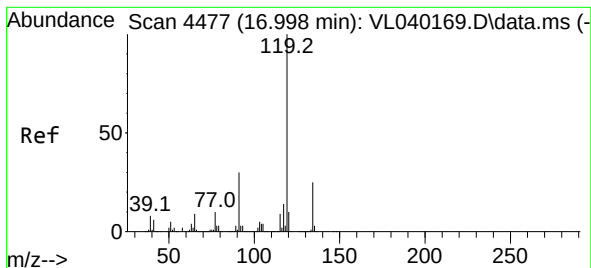
Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.498 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. -0.026 min
 Lab File: VL040209.D
 Acq: 22 Feb 2023 00:15

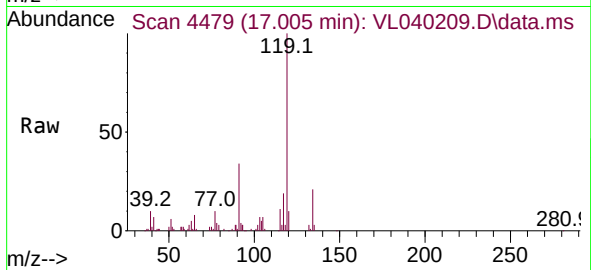
Tgt Ion: 95 Resp: 1602932
 Ion Ratio Lower Upper
 95 100
 174 58.6 48.2 72.2
 175 4.2 3.4 5.2





#69
p-Isopropyltoluene
Concen: 0.390 ppbv m
RT: 17.005 min Scan# 4477
Delta R.T. -0.019 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

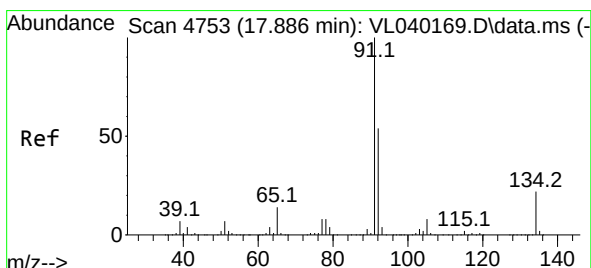
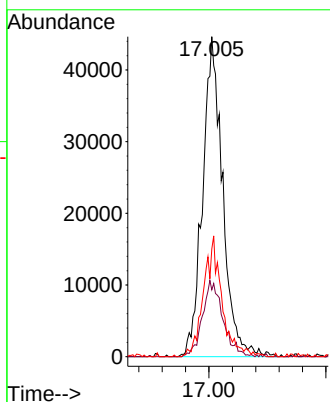
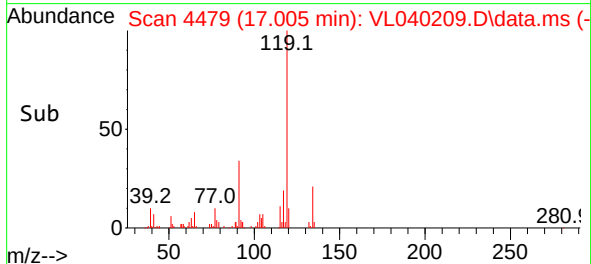
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion:119 Resp: 106483
Ion Ratio Lower Upper
119 100
134 0.0 20.2 30.2
91 0.0 24.7 37.1

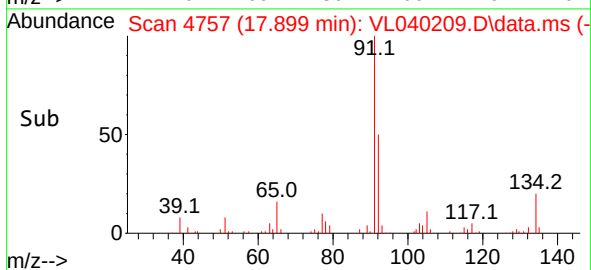
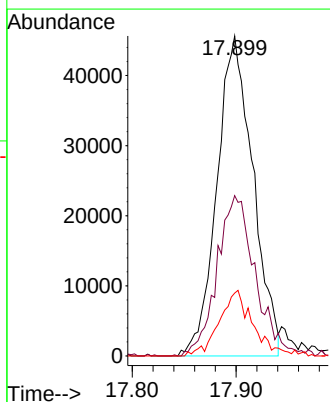
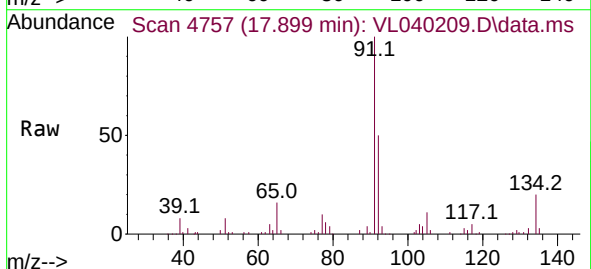
Manual Integrations
APPROVED

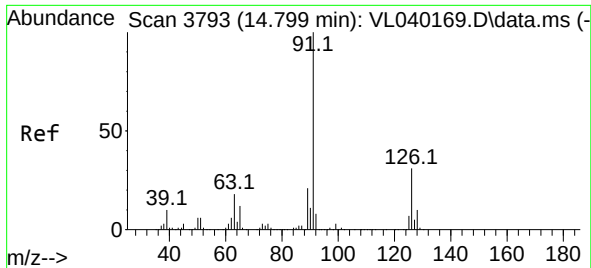
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#70
n-Butylbenzene
Concen: 0.371 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. -0.019 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion: 91 Resp: 109976
Ion Ratio Lower Upper
91 100
92 53.8 43.0 64.6
134 19.4 16.9 25.3





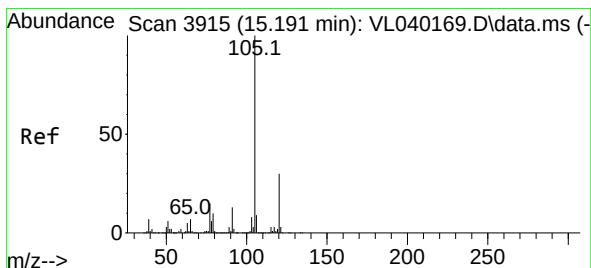
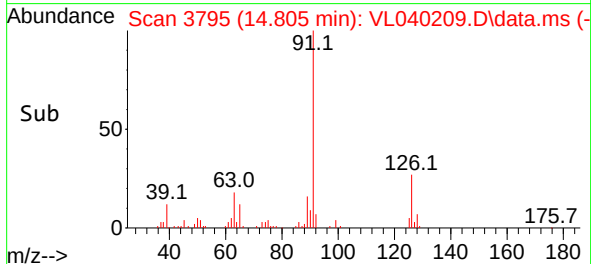
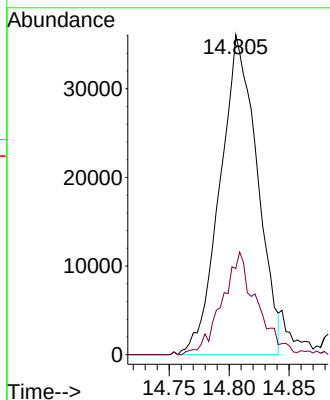
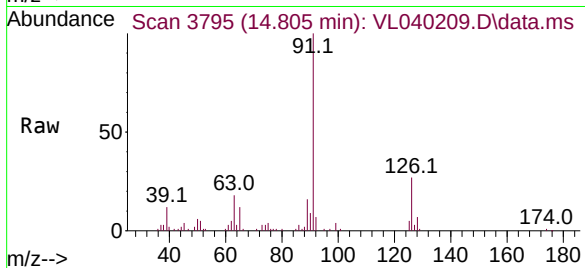
#71
2-Chlorotoluene
Concen: 0.368 ppbv
RT: 14.805 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 91 Resp: 7765
Ion Ratio Lower Upper
91 100
126 30.8 12.0 48.2

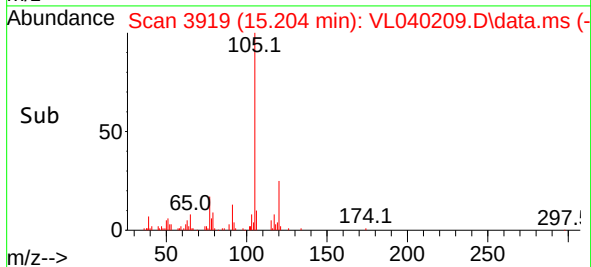
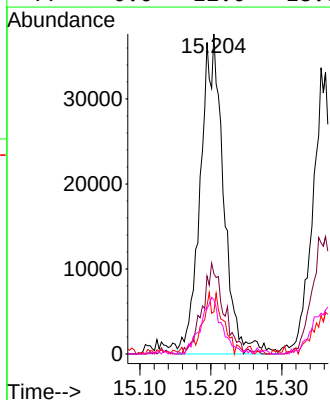
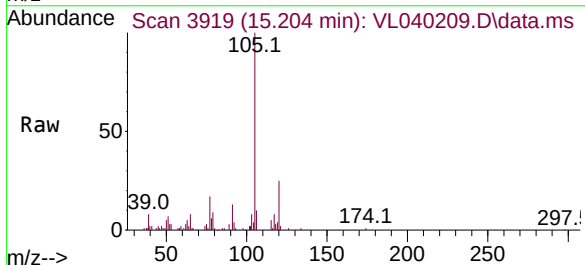
Manual Integrations
APPROVED

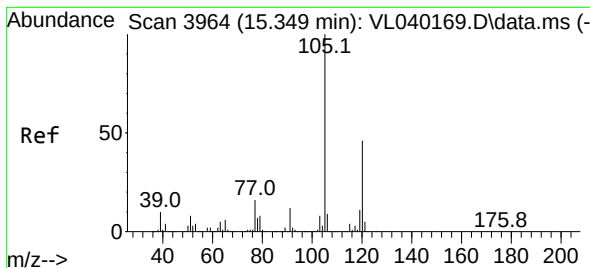
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#72
4-Ethyltoluene
Concen: 0.400 ppbv m
RT: 15.204 min Scan# 3919
Delta R.T. -0.016 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

Tgt Ion:105 Resp: 85073
Ion Ratio Lower Upper
105 100
120 0.0 23.2 34.8#
91 18.0 11.3 16.9#
77 0.0 12.0 18.0#





#73

1,3,5-Trimethylbenzene

Concen: 0.380 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. -0.026 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_L

ClientSampleId :

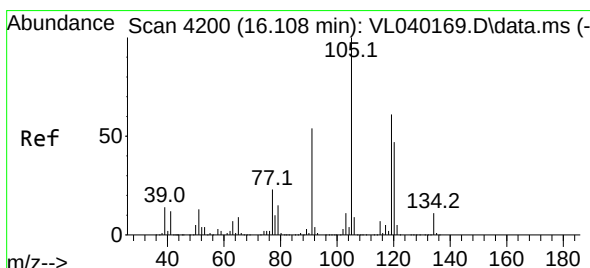
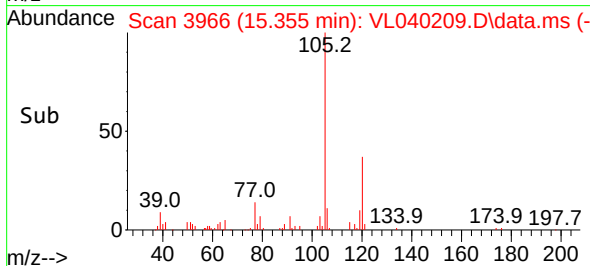
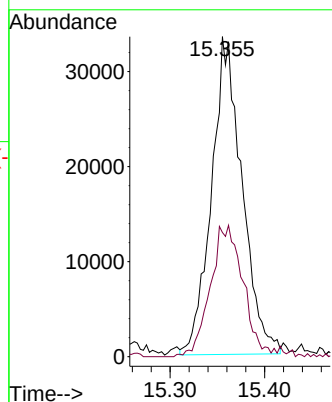
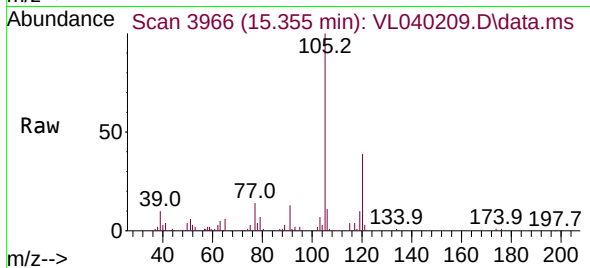
LOD-MDL-AIR-01-QT1-2023

Tgt Ion:105 Resp: 75154
 Ion Ratio Lower Upper
 105 100
 120 38.9 36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#74

1,2,4-Trimethylbenzene

Concen: 0.425 ppbv

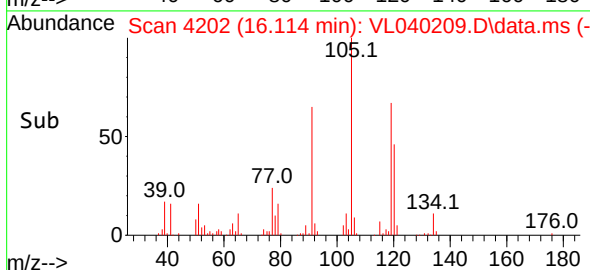
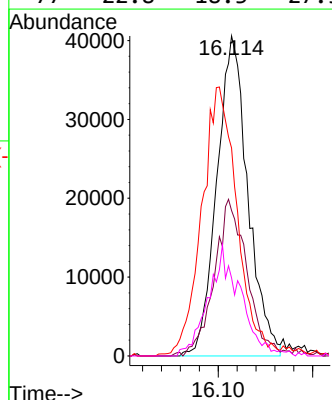
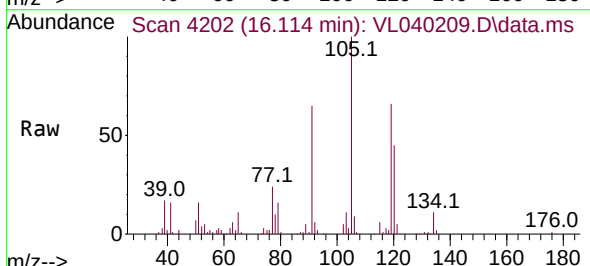
RT: 16.114 min Scan# 4202

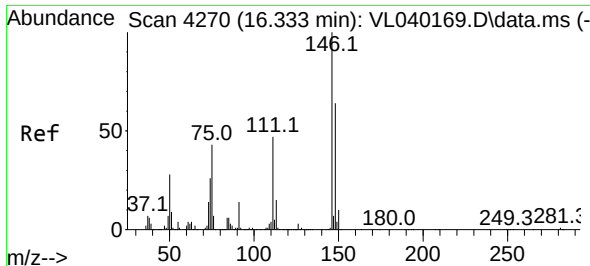
Delta R.T. -0.023 min

Lab File: VL040209.D

Acq: 22 Feb 2023 00:15

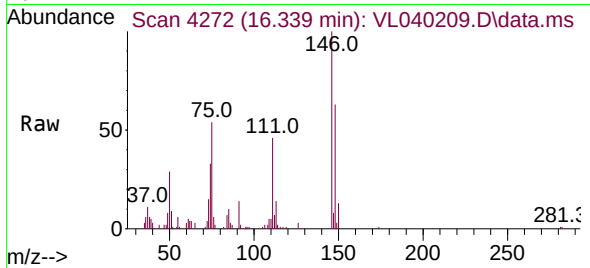
Tgt Ion:105 Resp: 92367
 Ion Ratio Lower Upper
 105 100
 120 44.3 37.9 56.9
 91 63.2 43.7 65.5
 77 22.8 18.3 27.5





#75
1,3-Dichlorobenzene
Concen: 0.431 ppbv m
RT: 16.339 min Scan# 4317
Delta R.T. -0.023 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

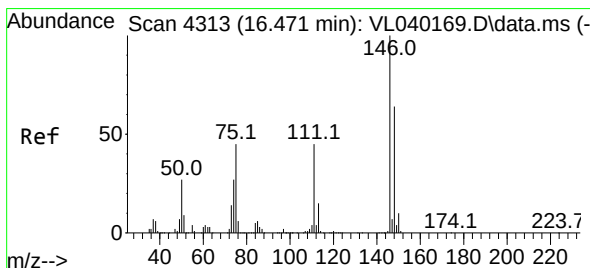
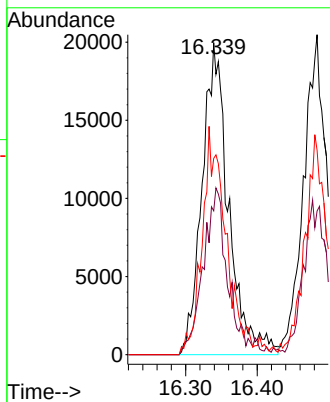
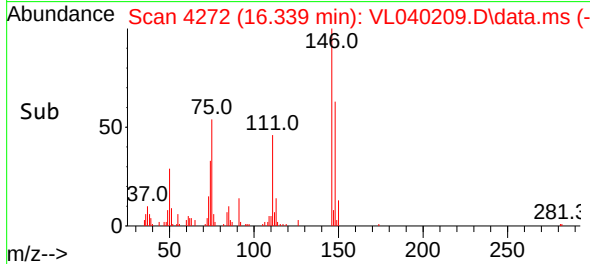
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



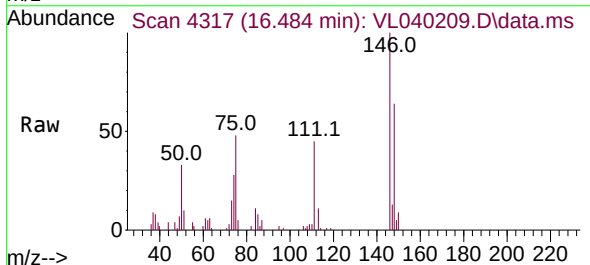
Tgt Ion:146 Resp: 51252
Ion Ratio Lower Upper
146 100
111 0.0 23.9 71.8#
148 66.7 32.1 96.5#

Manual Integrations
APPROVED

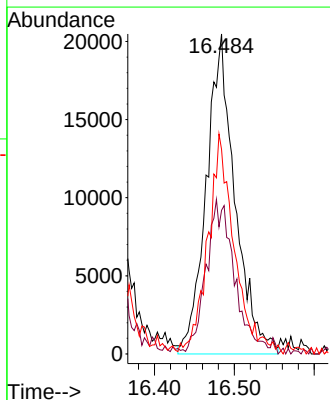
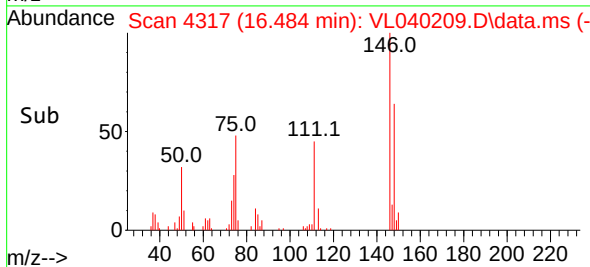
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

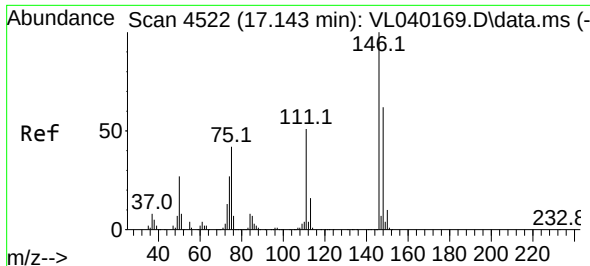


#76
1,4-Dichlorobenzene
Concen: 0.438 ppbv m
RT: 16.484 min Scan# 4317
Delta R.T. -0.019 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15



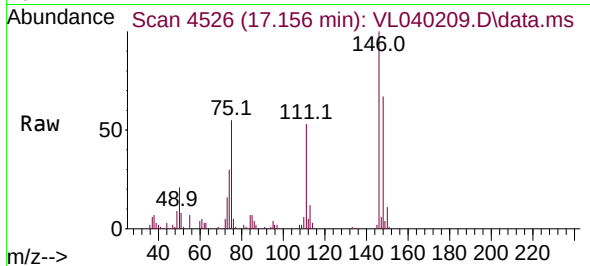
Tgt Ion:146 Resp: 51071
Ion Ratio Lower Upper
146 100
111 0.0 23.5 70.5#
148 0.0 32.5 97.4#





#77
1,2-Dichlorobenzene
Concen: 0.447 ppbv m
RT: 17.156 min Scan# 4522
Delta R.T. -0.023 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

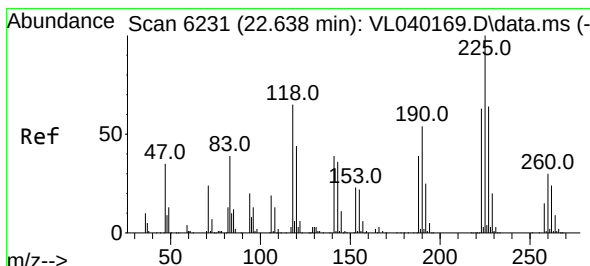
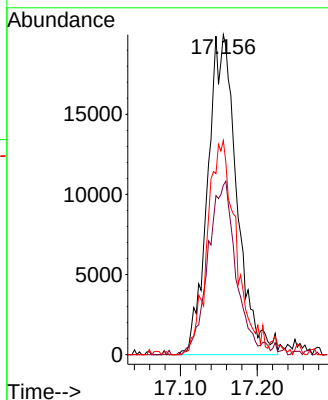
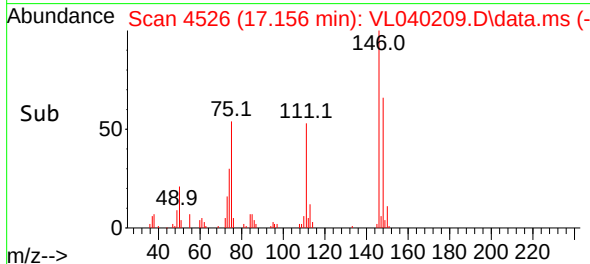
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion:146 Resp: 5275
Ion Ratio Lower Upper
146 100
111 0.0 25.3 75.8#
148 0.0 32.0 96.2#

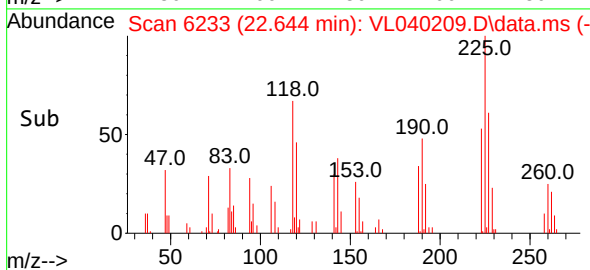
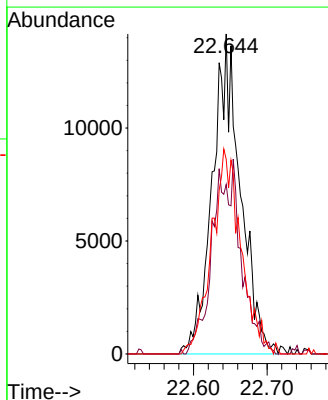
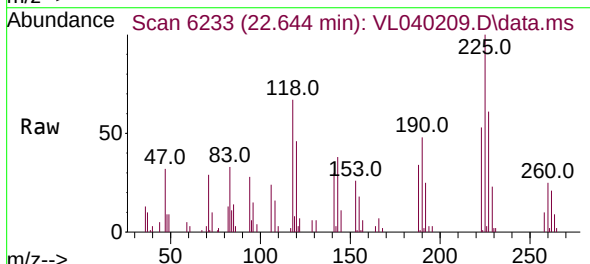
Manual Integrations
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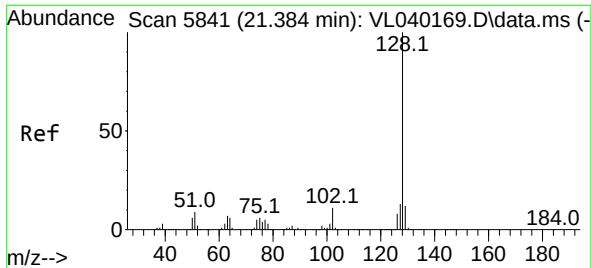
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#78
Hexachloro-1,3-Butadiene
Concen: 0.461 ppbv m
RT: 22.644 min Scan# 6233
Delta R.T. -0.023 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

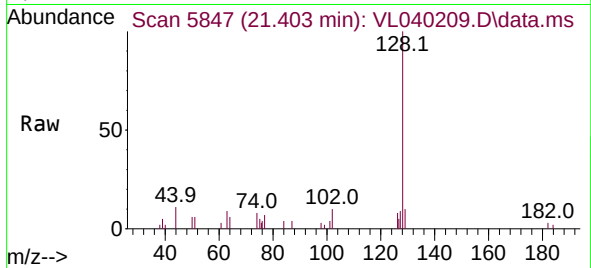
Tgt Ion:225 Resp: 37369
Ion Ratio Lower Upper
225 100
223 0.0 51.0 76.6#
227 0.0 51.2 76.8#





#79
Naphthalene
Concen: 0.292 ppbv m
RT: 21.403 min Scan# 5847
Delta R.T. -0.016 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15

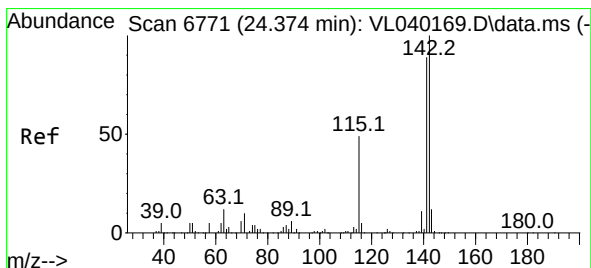
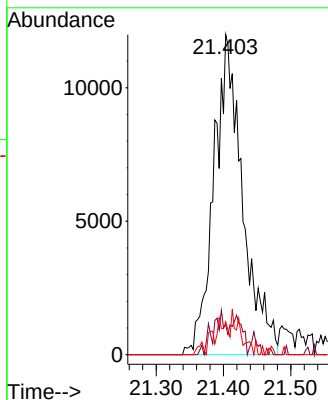
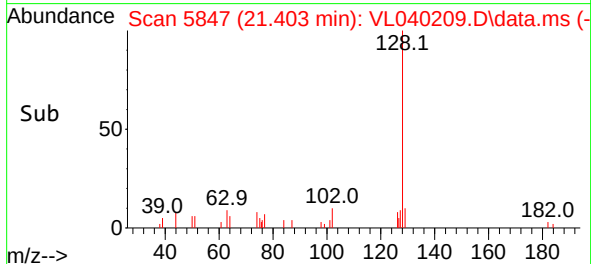
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



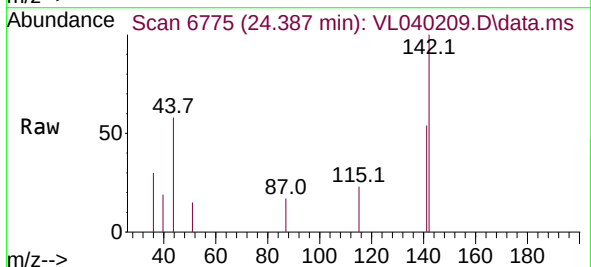
Tgt Ion:128 Resp: 35624
Ion Ratio Lower Upper
128 100
127 9.2 10.2 15.4#
129 10.3 9.4 14.0#

Manual Integrations
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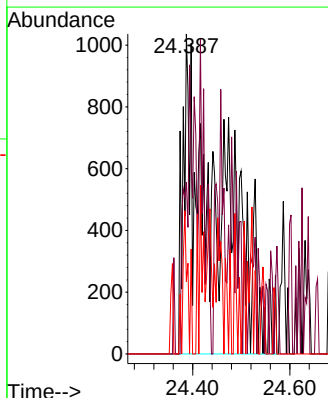
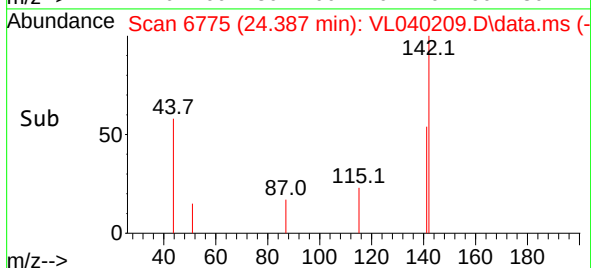
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

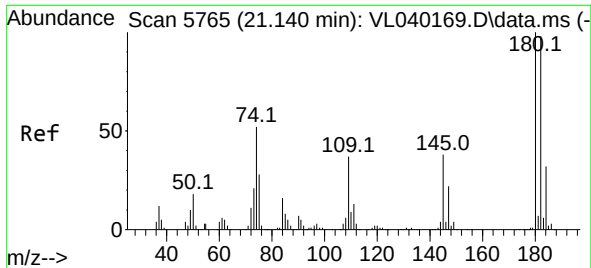


#80
Naphthalene,2-methyl-
Concen: 0.142 ppbv m
RT: 24.387 min Scan# 6775
Delta R.T. -0.013 min
Lab File: VL040209.D
Acq: 22 Feb 2023 00:15



Tgt Ion:142 Resp: 4928
Ion Ratio Lower Upper
142 100
141 0.0 67.3 100.9#
115 9.1 36.5 54.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.362 ppbv m

RT: 21.156 min Scan# 51

Delta R.T. -0.019 min

Lab File: VL040209.D

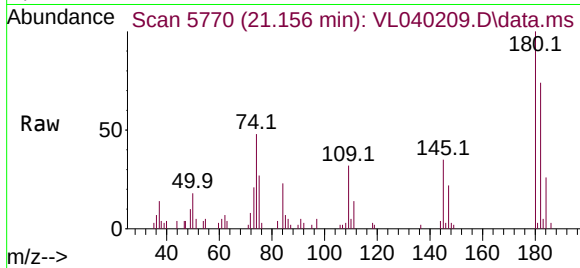
Acq: 22 Feb 2023 00:15

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023



Tgt Ion:180 Resp: 27628

Ion Ratio Lower Upper

180 100

182 85.5 79.0 118.6

184 0.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023

