

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031722\
 Data File : VL038646.D
 Acq On : 18 Mar 2022 4:17
 Operator : SY/AP
 Sample : N1645-15 0.45 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2022DL

Quant Time: Mar 18 04:56:19 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 12:21:48 2022
 QLast Update : Tue Mar 08 21:18:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 03/19/2022
 Supervised By : Mahesh Dadoda 03/21/2022

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

Internal Standards						
1) Bromochloromethane	5.665	49	525816	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.173	114	2002895	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.086	117	1727244	10.000	ppbv	# 0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.410	95	1261266	9.604	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.044	85	49315	0.621	ppbv	100
3) Chlorodifluoromethane	2.983	51	71891	0.775	ppbv	98
4) Chloromethane	3.141	50	26678	0.776	ppbv #	87
5) Vinyl Chloride	3.260	62	20593	0.597	ppbv	97
6) Bromomethane	3.475	94	12670	0.684	ppbv	89
7) Chloroethane	3.559	64	7758	0.695	ppbv	96
8) Dichlorotetrafluoroethane	3.186	85	60156	0.781	ppbv	98
9) Propene	3.002	41	20893m	0.639	ppbv	
10) Heptane	8.118	43	45294	0.579	ppbv	91
11) Trichlorofluoromethane	3.948	101	52673	0.756	ppbv	93
12) 1,1,2-Trichlorotrifluo...	4.485	101	43409	0.802	ppbv	98
13) Ethanol	3.620	45	4744m	1.262	ppbv	
14) Bromoethene	3.739	108	16127	0.699	ppbv #	97
15) Acetone	3.861	43	25974	0.700	ppbv #	83
16) 1,3-Butadiene	3.327	39	19029	0.638	ppbv	89
17) tert-Butyl alcohol	4.301	59	29907m	0.742	ppbv	
18) 1,1-Dichloroethene	4.288	96	17057	0.704	ppbv	92
19) Isopropyl Alcohol	3.983	45	19310m	0.780	ppbv	
20) Methylene Chloride	4.349	84	18428	0.826	ppbv	98
21) Allyl Chloride	4.411	41	23020	0.644	ppbv #	84
22) trans-1,2-Dichloroethene	4.886	96	14410	0.567	ppbv #	86
23) Vinyl Acetate	5.079	43	34356	0.646	ppbv #	93
24) 1,1-Dichloroethane	5.005	63	38133	0.789	ppbv	97
25) Ethyl Acetate	5.687	43	65346	0.523	ppbv #	94
26) Hexane	5.687	57	31977	0.545	ppbv	91
27) Carbon Disulfide	4.552	76	36761m	0.629	ppbv	
28) Methyl tert-Butyl Ether	5.044	73	32236	0.675	ppbv	95
29) Chloroform	5.751	83	64655	0.708	ppbv	94
30) Cyclohexane	7.131	84	37892m	0.747	ppbv	
31) cis-1,2-Dichloroethene	5.546	61	21764	0.388	ppbv #	93
32) 1,1,1-Trichloroethane	6.510	97	64334	0.727	ppbv	98
34) 2-Butanone	5.259	43	22922	0.442	ppbv #	89
35) Carbon Tetrachloride	7.018	117	65998	0.483	ppbv	96
36) Benzene	6.890	78	83050	0.460	ppbv	94
37) 1,2-Dichloroethane	6.304	62	43880	0.508	ppbv	99
38) Trichloroethene	7.835	130	31401	0.435	ppbv	92
39) 1,2-Dichloropropane	7.613	63	32333	0.465	ppbv	93
40) 1,4-Dioxane	7.870	88	8355m	0.480	ppbv	
41) Tetrahydrofuran	6.079	42	17034m	0.401	ppbv	
42) Bromodichloromethane	7.790	83	63233	0.462	ppbv #	90
43) Methyl Methacrylate	8.021	69	22933m	0.370	ppbv	
44) 2,2,4-Trimethylpentane	7.864	57	136271	0.446	ppbv	95
45) t-1,3-Dichloropropene	9.275	75	15154m	0.339	ppbv	

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 APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022

Quant Time: Mar 18 04:56:19 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M

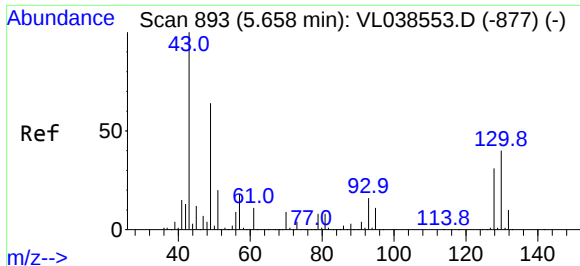
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022

QLast Update : Tue Mar 08 21:18:44 2022

Response via : Initial Calibration

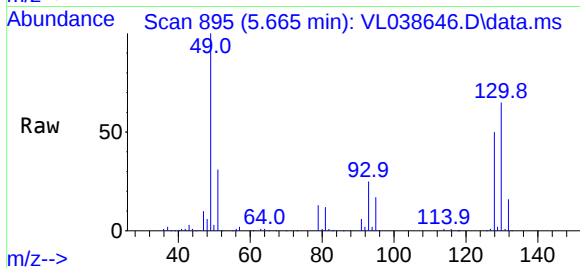
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.706	75	22737m	0.372	ppbv	
47) 1,1,2-Trichloroethane	9.475	97	34538	0.488	ppbv	97
48) Dibromochloromethane	10.304	129	46126	0.410	ppbv	100
49) Bromoform	13.034	173	34116m	0.396	ppbv	
50) 4-Methyl-2-Pentanone	8.764	43	40280m	0.378	ppbv	
51) 2-Hexanone	10.153	43	15093m	0.336	ppbv	
52) Tetrachloroethene	11.217	164	28867	0.436	ppbv	95
53) Toluene	9.809	91	72024	0.373	ppbv	100
54) 1,2-Dibromoethane	10.610	107	43512	0.430	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.127	131	39063m	0.555	ppbv	
57) Chlorobenzene	12.147	112	72261	0.548	ppbv #	89
58) Ethyl Benzene	12.712	91	90698	0.406	ppbv	95
59) m/p-Xylene	12.995	91	166766m	0.871	ppbv	
60) o-Xylene	13.693	91	74749	0.413	ppbv	100
61) Styrene	13.529	104	28601	0.321	ppbv	96
62) Isopropylbenzene	14.661	105	110828m	0.444	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.677	83	74138	0.485	ppbv	94
64) n-propylbenzene	15.561	120	24965	0.393	ppbv	65
65) tert-Butylbenzene	16.748	119	95974	0.430	ppbv	90
66) Benzyl Chloride	16.995	91	6442m	0.487	ppbv	
67) sec-Butylbenzene	17.294	105	135521	0.427	ppbv	99
69) p-Isopropyltoluene	17.654	119	105351	0.401	ppbv	97
70) n-Butylbenzene	18.551	91	113683	0.406	ppbv	96
71) 2-Chlorotoluene	15.455	91	76124	0.411	ppbv	100
72) 4-Ethyltoluene	15.841	105	76123	0.367	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.995	105	76135	0.395	ppbv	97
74) 1,2,4-Trimethylbenzene	16.761	105	91774	0.446	ppbv #	92
75) 1,3-Dichlorobenzene	16.995	146	61089	0.470	ppbv	95
76) 1,4-Dichlorobenzene	17.134	146	53768	0.418	ppbv	89
77) 1,2-Dichlorobenzene	17.818	146	63217m	0.481	ppbv	
78) Hexachloro-1,3-Butadiene	23.374	225	69928	0.545	ppbv	98
79) Naphthalene	22.201	128	57423	0.310	ppbv	98
80) Naphthalene,2-methyl-	24.972	142	3500	0.107	ppbv	97
81) 1,2,4-Trichlorobenzene	21.921	180	44727	0.378	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.665 min Scan# 893
Delta R.T. 0.007 min
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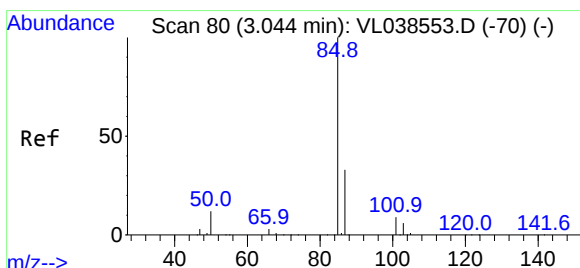
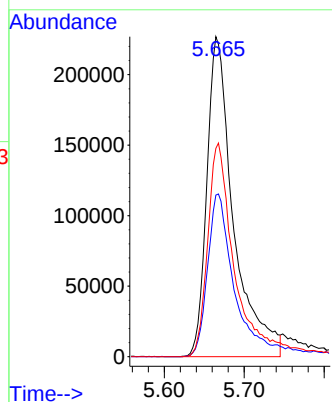
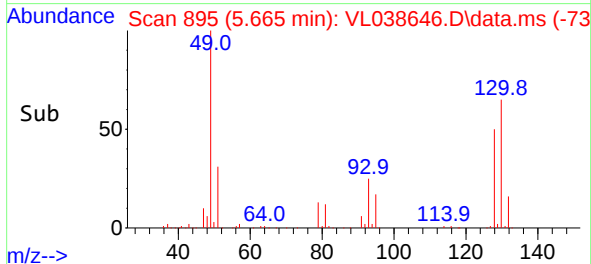
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



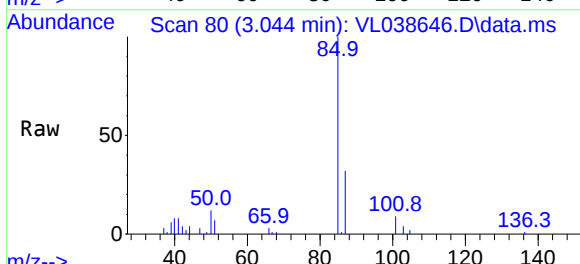
Tgt Ion: 49 Resp: 525810
Ion Ratio Lower Upper
49 100
128 54.6 26.4 79.2
130 70.9 33.0 98.9

Manual Integrations
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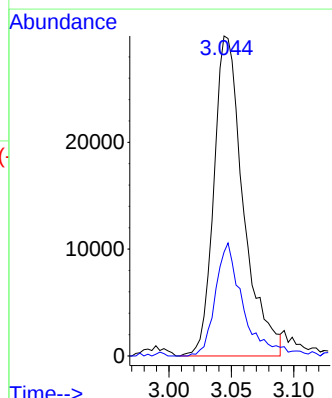
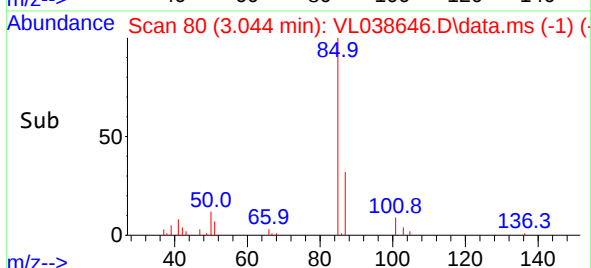
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

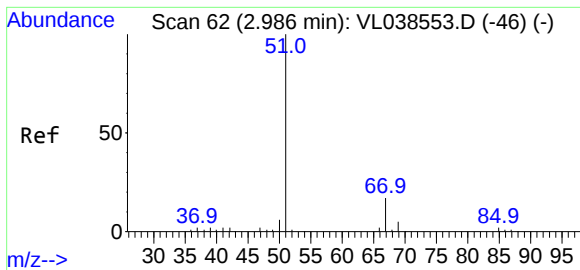


#2
Dichlorodifluoromethane
Concen: 0.621 ppbv
RT: 3.044 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17



Tgt Ion: 85 Resp: 49315
Ion Ratio Lower Upper
85 100
87 32.5 26.2 39.2





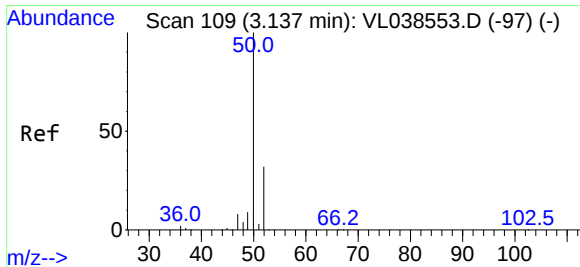
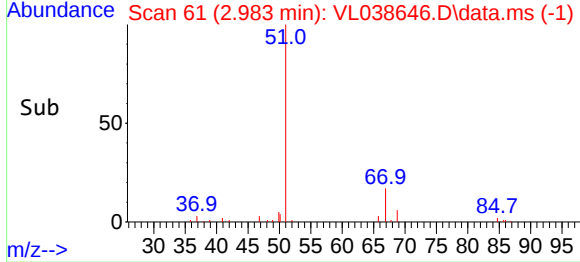
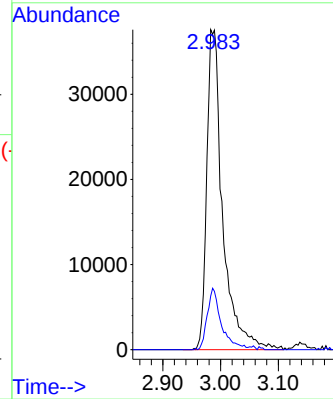
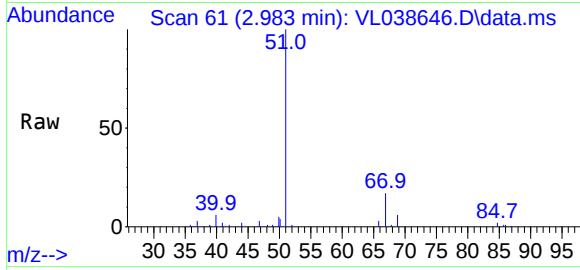
#3
Chlorodifluoromethane
Concen: 0.775 ppbv
RT: 2.983 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 51 Resp: 7189
Ion Ratio Lower Upper
51 100
67 17.7 13.6 20.4

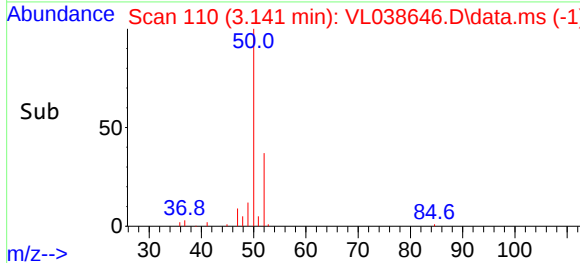
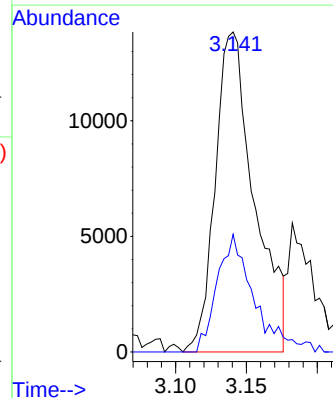
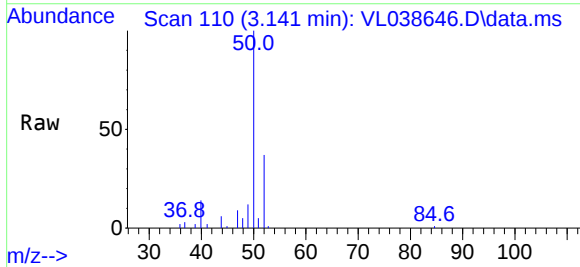
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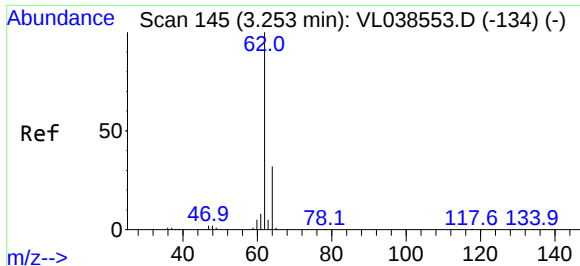
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#4
Chloromethane
Concen: 0.776 ppbv
RT: 3.141 min Scan# 110
Delta R.T. 0.003 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

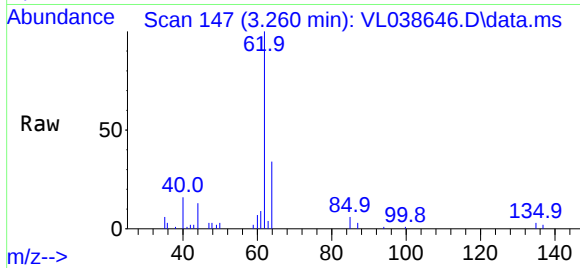
Tgt Ion: 50 Resp: 26678
Ion Ratio Lower Upper
50 100
52 39.4 25.6 38.4#





#5
 Vinyl Chloride
 Concen: 0.597 ppbv
 RT: 3.260 min Scan# 145
 Delta R.T. 0.007 min
 Lab File: VL038646.D
 Acq: 18 Mar 2022 4:17

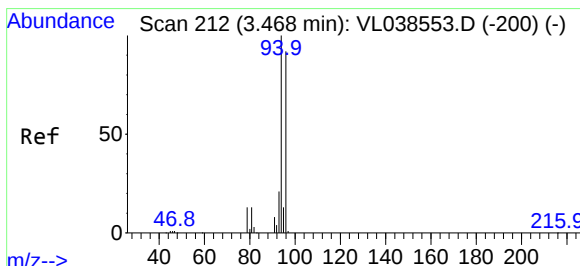
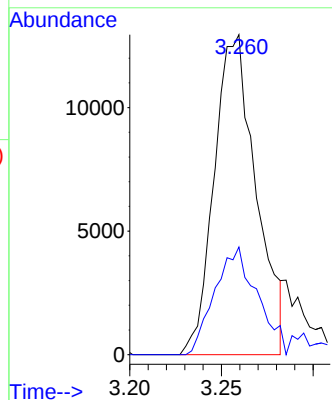
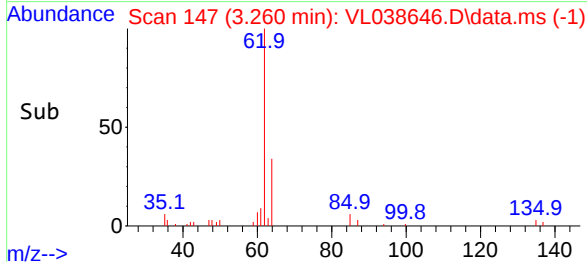
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2022DL



Tgt Ion: 62 Resp: 2059
 Ion Ratio Lower Upper
 62 100
 64 33.6 25.8 38.6

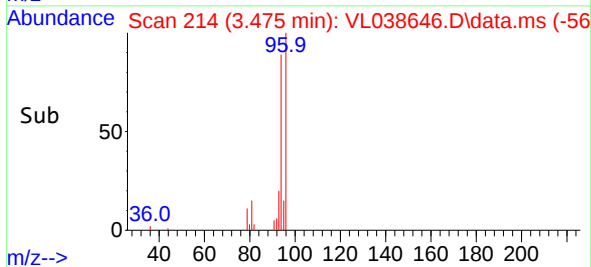
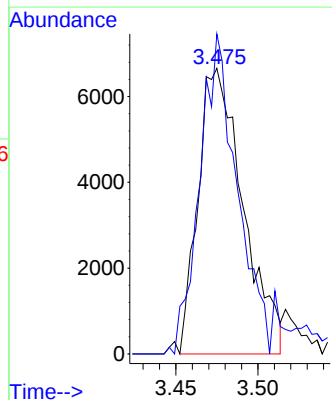
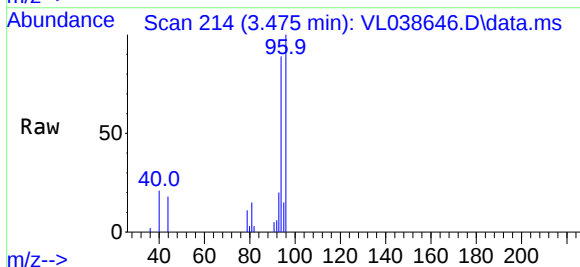
Manual Integrations
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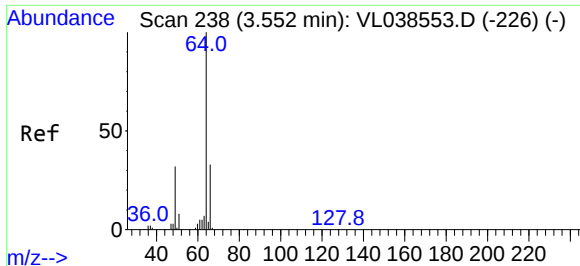
Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#6
 Bromomethane
 Concen: 0.684 ppbv
 RT: 3.475 min Scan# 214
 Delta R.T. 0.007 min
 Lab File: VL038646.D
 Acq: 18 Mar 2022 4:17

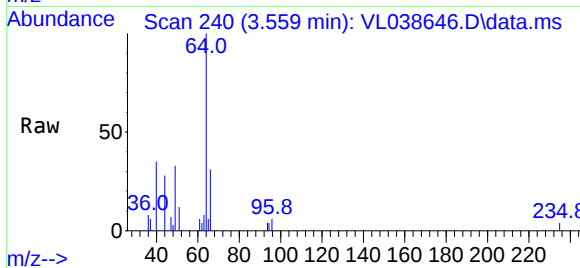
Tgt Ion: 94 Resp: 12670
 Ion Ratio Lower Upper
 94 100
 96 102.4 73.7 110.5





#7
Chloroethane
Concen: 0.695 ppbv
RT: 3.559 min Scan# 24
Delta R.T. 0.007 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

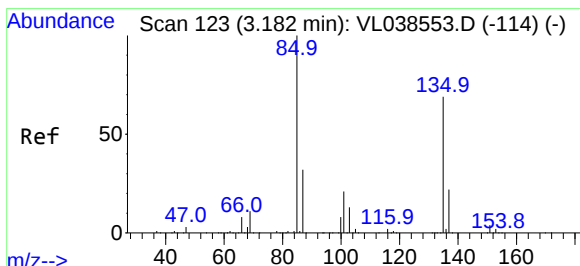
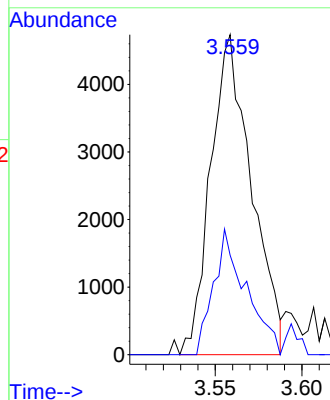
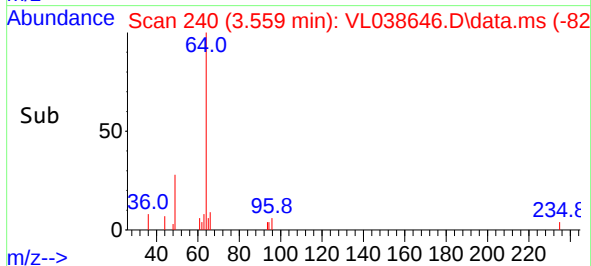
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



Tgt Ion: 64 Resp: 775
Ion Ratio Lower Upper
64 100
66 31.1 26.6 39.8

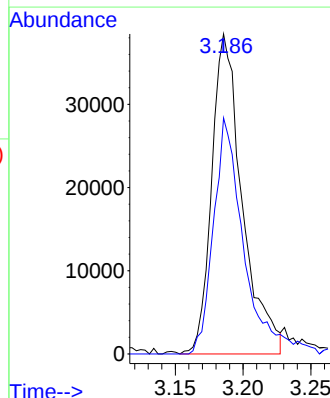
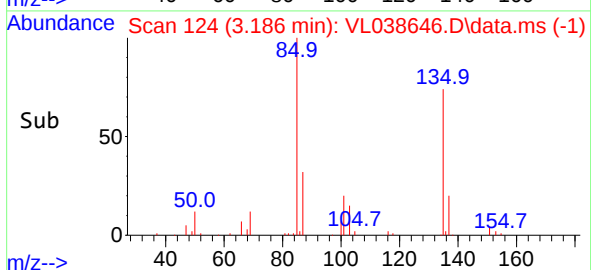
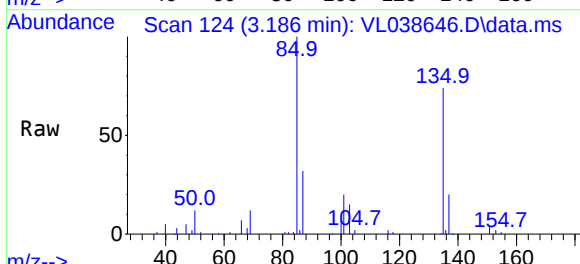
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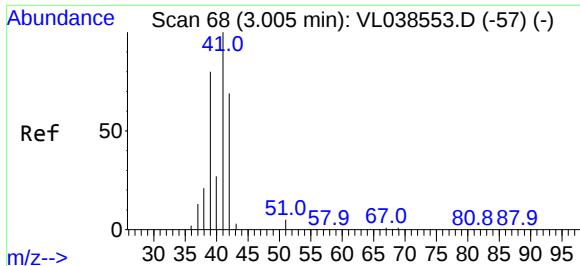
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#8
Dichlorotetrafluoroethane
Concen: 0.781 ppbv
RT: 3.186 min Scan# 124
Delta R.T. 0.003 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 85 Resp: 60156
Ion Ratio Lower Upper
85 100
135 75.3 59.0 88.4





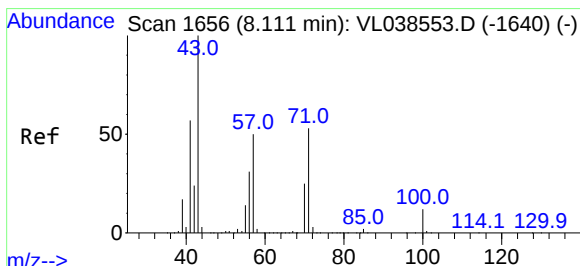
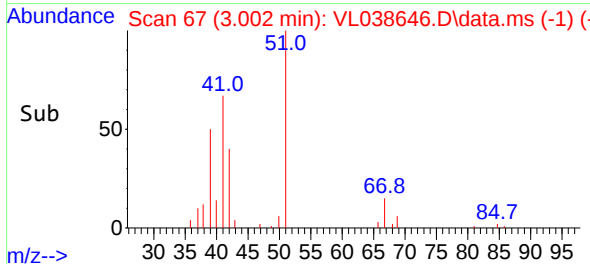
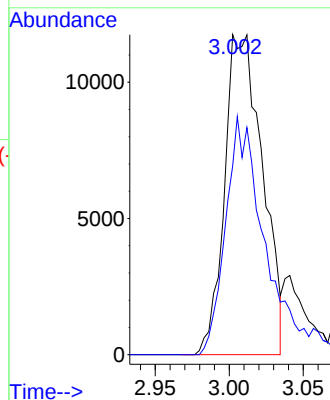
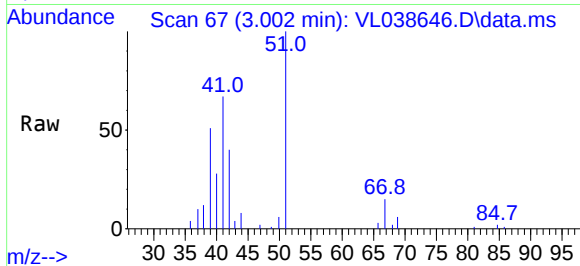
#9
Propene
Concen: 0.639 ppbv m
RT: 3.002 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 41 Resp: 2089
Ion Ratio Lower Upper
41 100
42 0.0 55.7 83.5

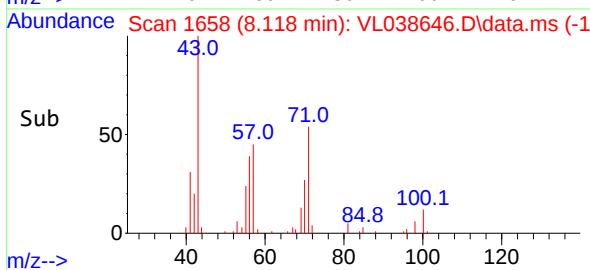
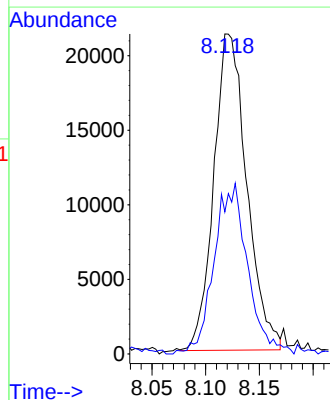
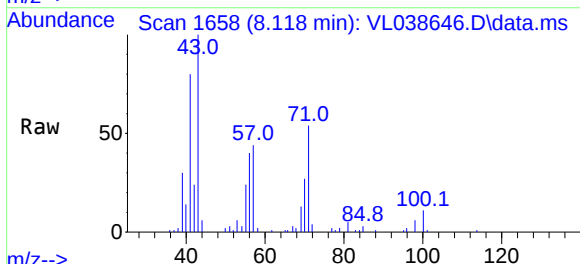
Manual Integrations
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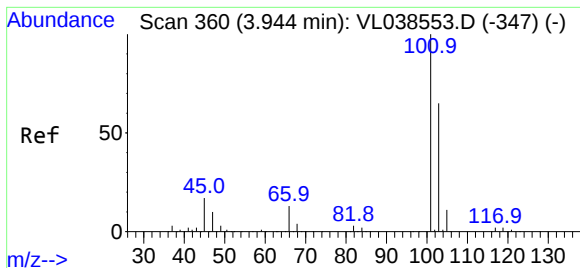
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#10
Heptane
Concen: 0.579 ppbv
RT: 8.118 min Scan# 1658
Delta R.T. 0.007 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 43 Resp: 45294
Ion Ratio Lower Upper
43 100
57 55.9 39.6 59.4





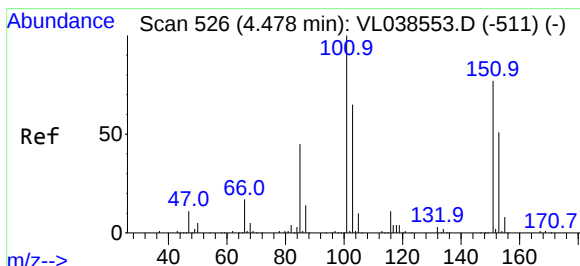
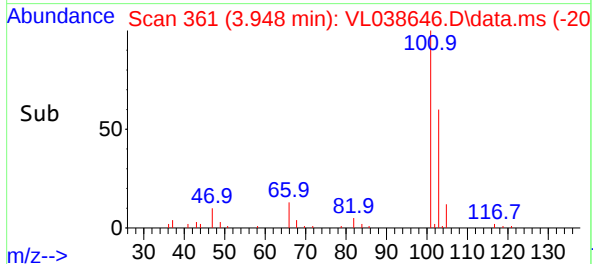
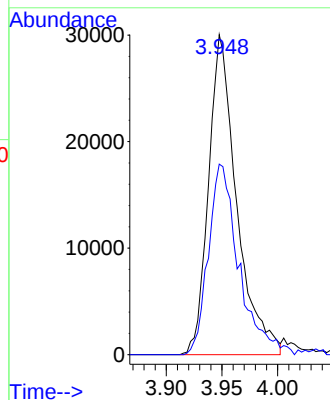
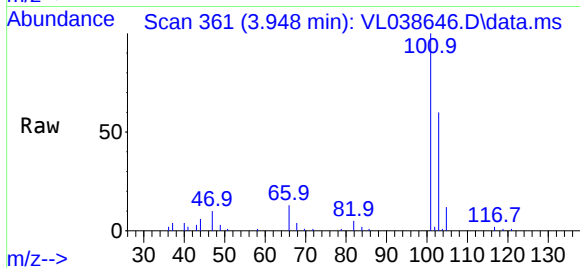
#11
Trichlorofluoromethane
Concen: 0.756 ppbv
RT: 3.948 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:101 Resp: 5267
Ion Ratio Lower Upper
101 100
103 59.5 52.0 78.0

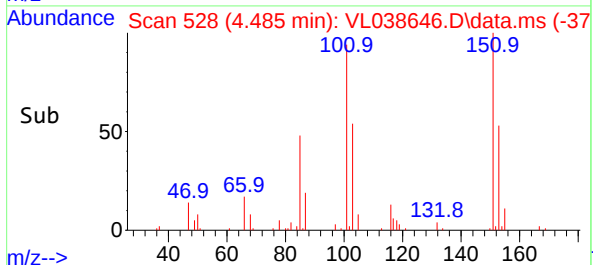
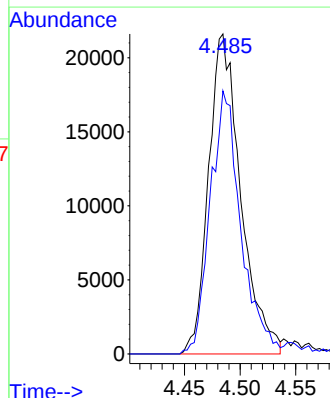
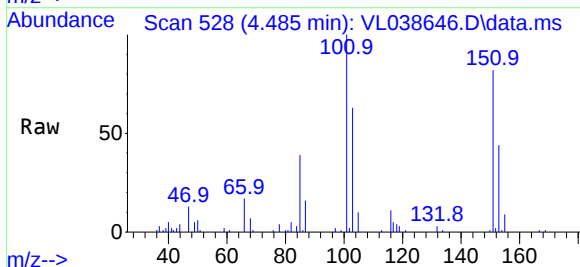
Manual Integrations
APPROVED

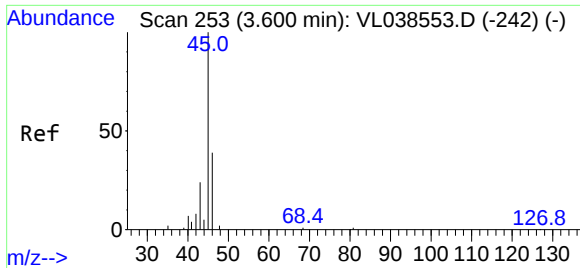
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.802 ppbv
RT: 4.485 min Scan# 528
Delta R.T. 0.007 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

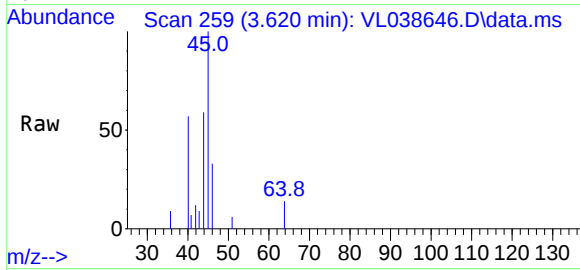
Tgt Ion:101 Resp: 43409
Ion Ratio Lower Upper
101 100
151 81.0 63.4 95.0





#13
Ethanol
Concen: 1.262 ppbv
RT: 3.620 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

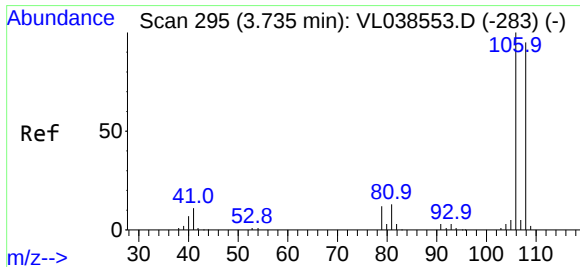
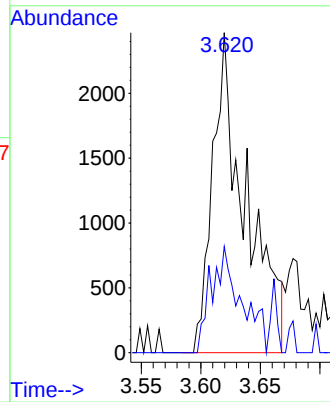
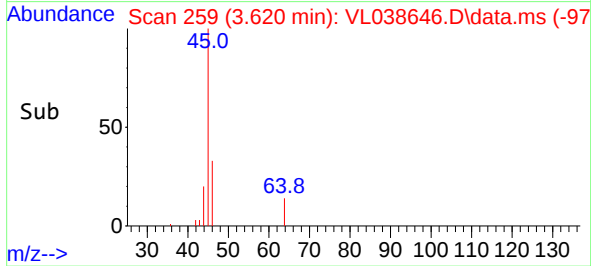
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



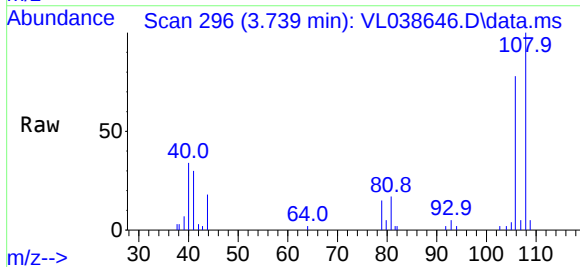
Tgt Ion: 45 Resp: 474
Ion Ratio Lower Upper
45 100
46 30.1 16.8 67.0

Manual Integrations
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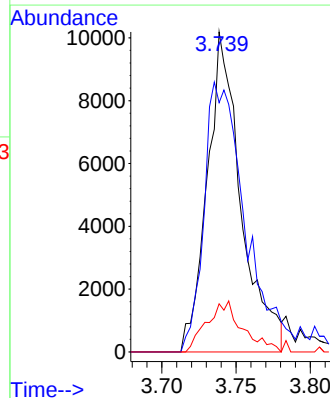
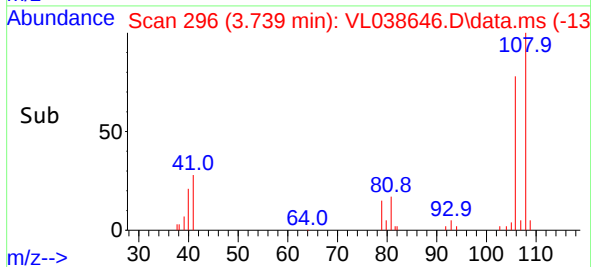
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

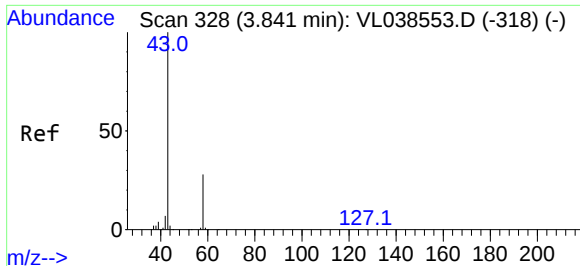


#14
Bromoethene
Concen: 0.699 ppbv
RT: 3.739 min Scan# 296
Delta R.T. 0.003 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17



Tgt Ion:108 Resp: 16127
Ion Ratio Lower Upper
108 100
106 109.4 85.9 128.9
79 17.1 11.0 16.6#





#15

Acetone

Concen: 0.700 ppbv

RT: 3.861 min Scan# 31

Delta R.T. 0.019 min

Lab File: VL038646.D

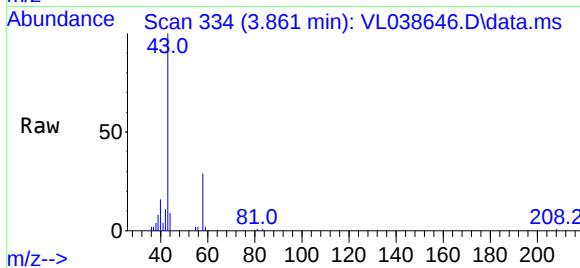
Acq: 18 Mar 2022 4:17

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2022DL



Tgt Ion: 43 Resp: 25974

Ion Ratio Lower Upper

43 100

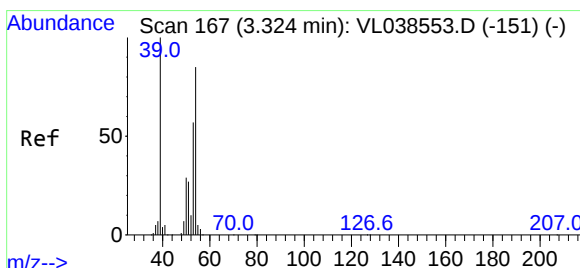
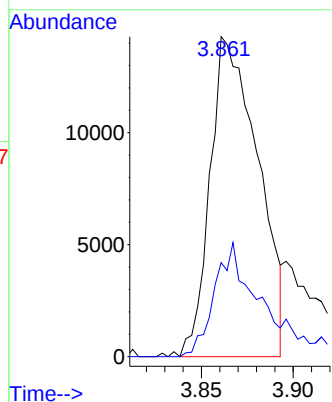
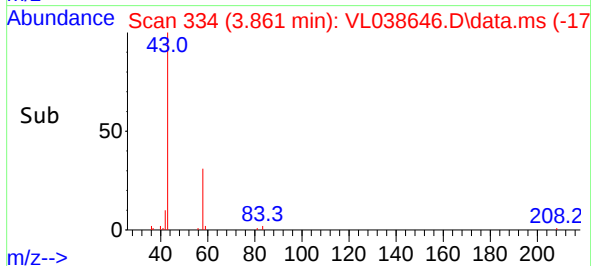
58 37.3 22.7 34.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022

Supervised By :Mahesh Dadoda 03/21/2022



#16

1,3-Butadiene

Concen: 0.638 ppbv

RT: 3.327 min Scan# 168

Delta R.T. 0.003 min

Lab File: VL038646.D

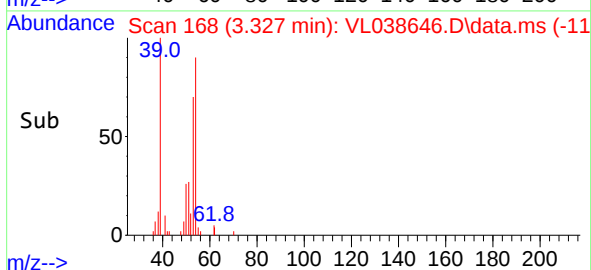
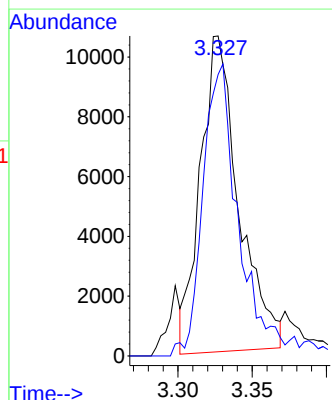
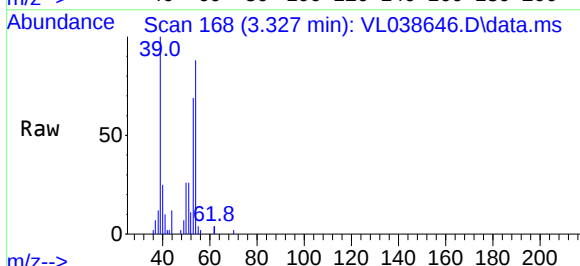
Acq: 18 Mar 2022 4:17

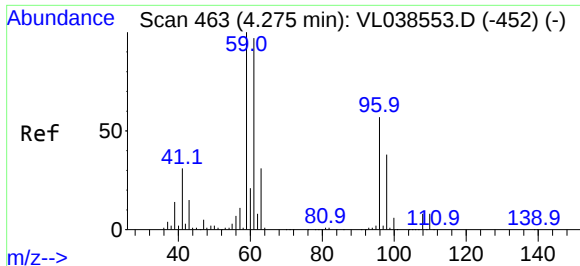
Tgt Ion: 39 Resp: 19029

Ion Ratio Lower Upper

39 100

54 89.5 64.2 96.2





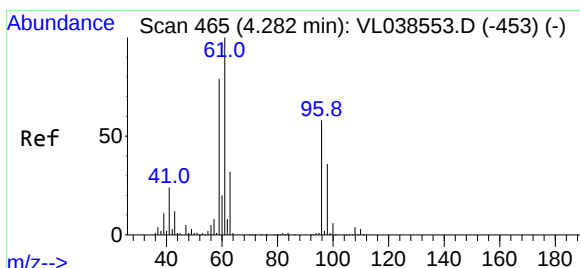
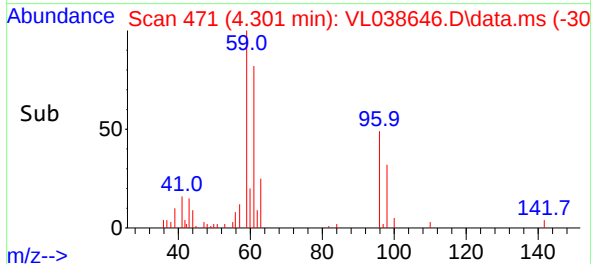
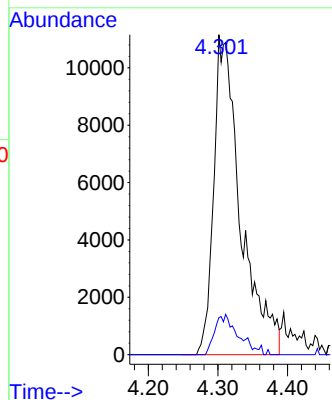
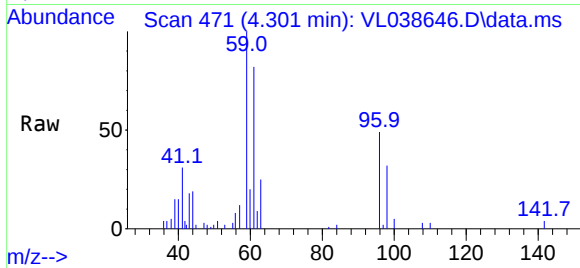
#17
tert-Butyl alcohol
Concen: 0.742 ppbv
RT: 4.301 min Scan# 41
Delta R.T. 0.026 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 59 Resp: 2990
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1

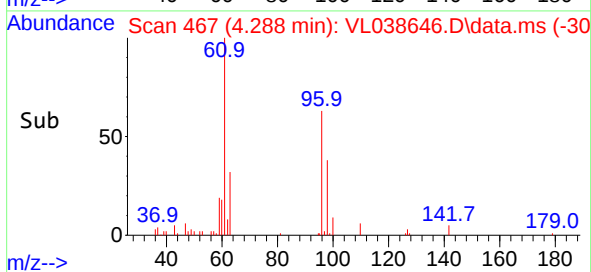
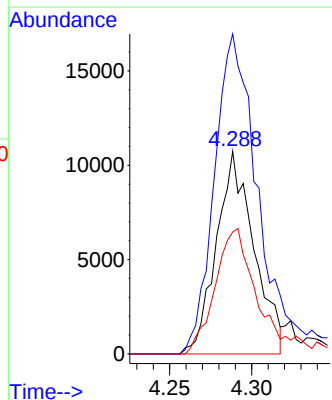
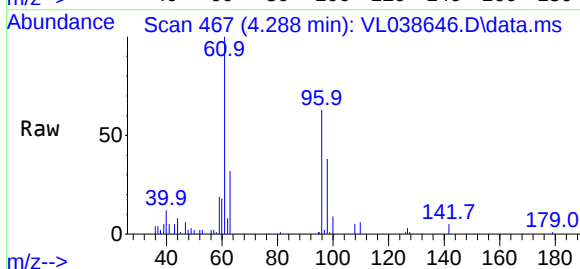
Manual Integrations
APPROVED

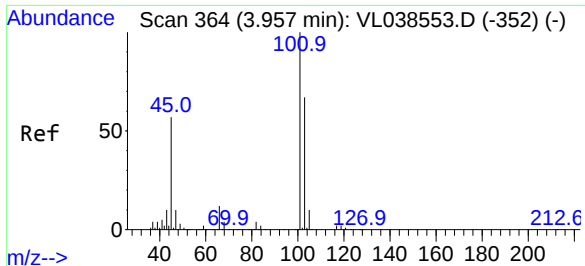
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#18
1,1-Dichloroethene
Concen: 0.704 ppbv
RT: 4.288 min Scan# 467
Delta R.T. 0.007 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

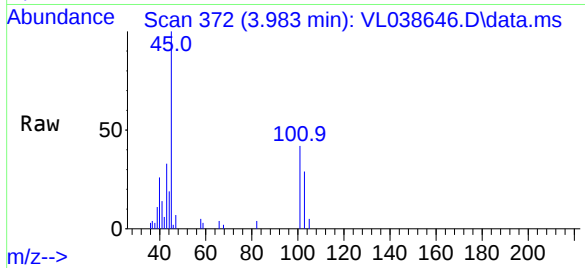
Tgt Ion: 96 Resp: 17057
Ion Ratio Lower Upper
96 100
61 157.8 137.4 206.0
98 60.1 49.3 73.9





#19
Isopropyl Alcohol
Concen: 0.780 ppbv m
RT: 3.983 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

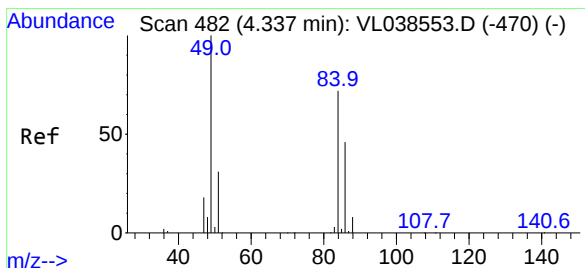
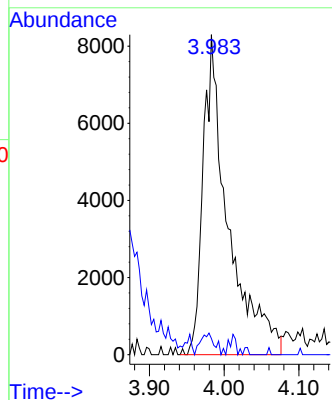
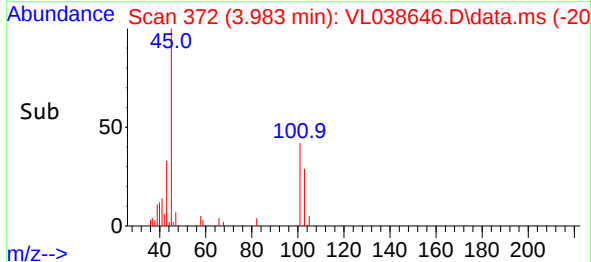
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



Tgt Ion: 45 Resp: 19310
Ion Ratio Lower Upper
45 100
58 0.0 2.2 3.2

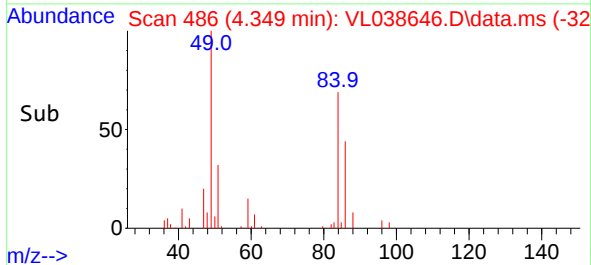
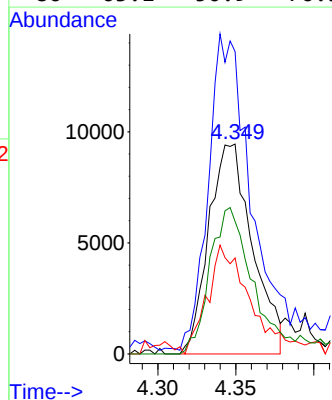
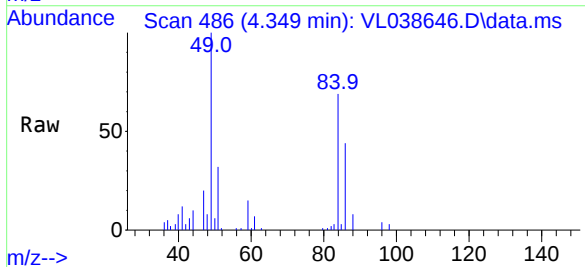
Manual Integrations
APPROVED

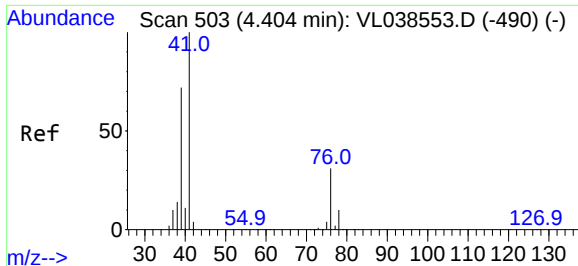
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#20
Methylene Chloride
Concen: 0.826 ppbv
RT: 4.349 min Scan# 486
Delta R.T. 0.013 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

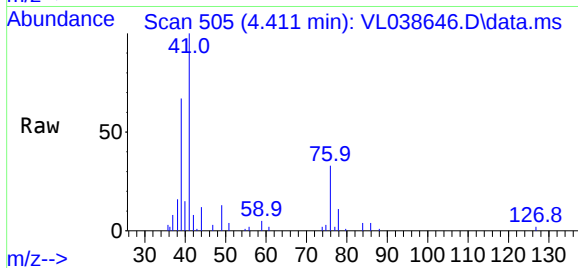
Tgt Ion: 84 Resp: 18428
Ion Ratio Lower Upper
84 100
49 142.3 111.1 166.7
51 43.9 34.0 51.0
86 63.1 50.9 76.3





#21
 Allyl Chloride
 Concen: 0.644 ppbv
 RT: 4.411 min Scan# 503
 Delta R.T. 0.007 min
 Lab File: VL038646.D
 Acq: 18 Mar 2022 4:17

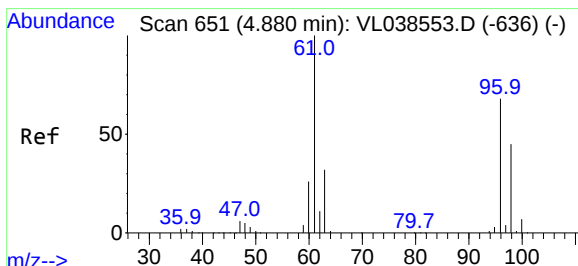
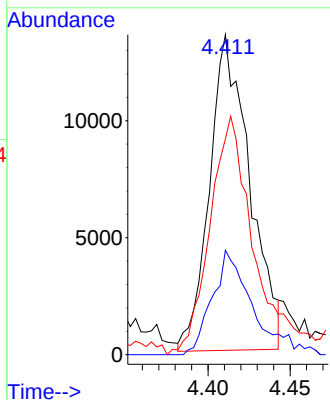
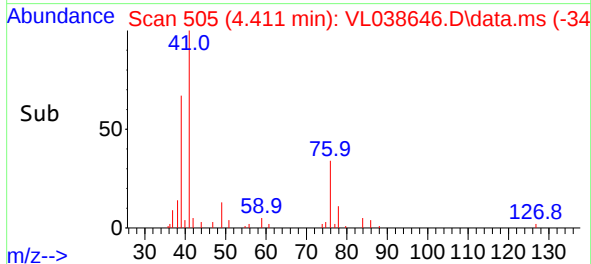
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2022DL



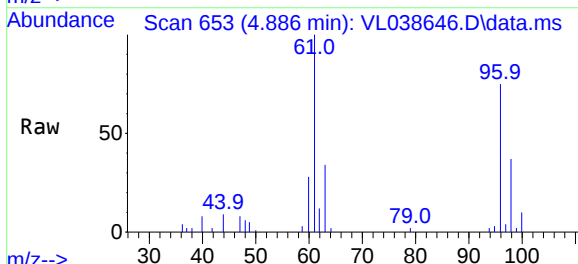
Tgt Ion: 41 Resp: 23020
 Ion Ratio Lower Upper
 41 100
 76 33.1 24.3 36.5
 39 89.0 57.1 85.7

Manual Integrations
 APPROVED

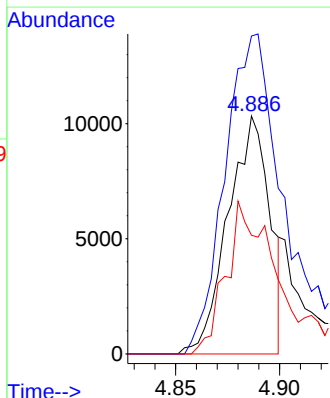
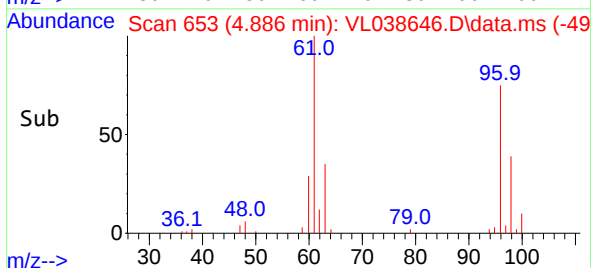
Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022

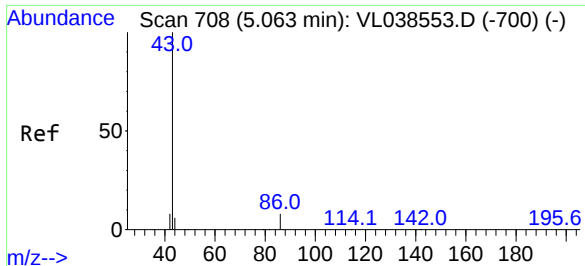


#22
 trans-1,2-Dichloroethene
 Concen: 0.567 ppbv
 RT: 4.886 min Scan# 653
 Delta R.T. 0.007 min
 Lab File: VL038646.D
 Acq: 18 Mar 2022 4:17



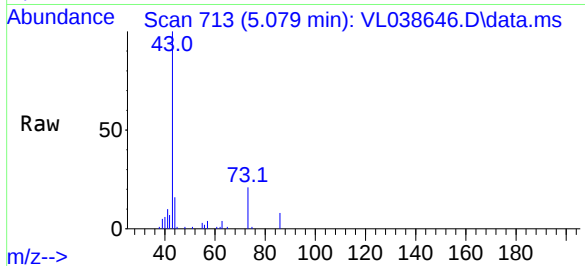
Tgt Ion: 96 Resp: 14410
 Ion Ratio Lower Upper
 96 100
 61 133.6 117.6 176.4
 98 49.9 52.6 78.8





#23
 Vinyl Acetate
 Concen: 0.646 ppbv
 RT: 5.079 min Scan# 713
 Delta R.T. 0.016 min
 Lab File: VL038646.D
 Acq: 18 Mar 2022 4:17

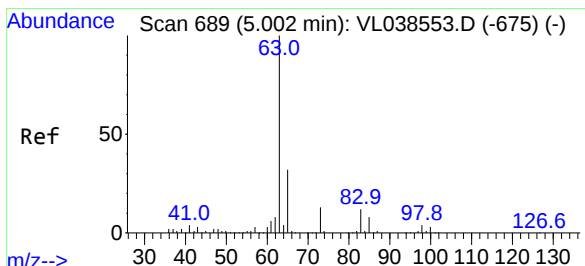
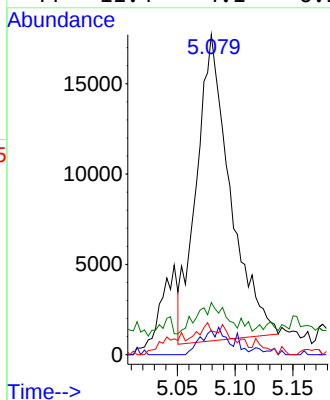
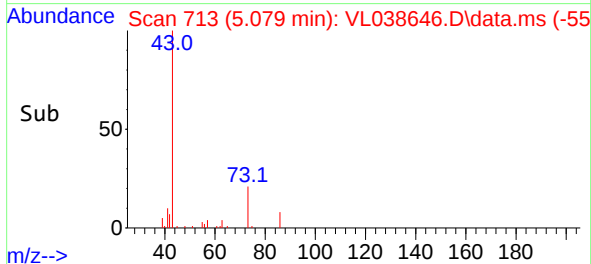
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2022DL



Tgt Ion: 43 Resp: 34350
 Ion Ratio Lower Upper
 43 100
 86 8.8 5.6 8.4
 42 8.6 7.1 10.7
 44 11.4 4.1 6.1

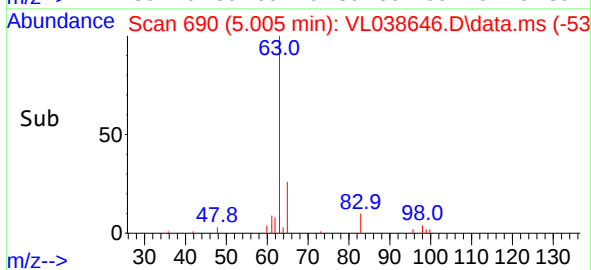
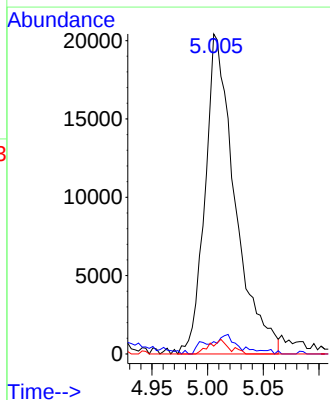
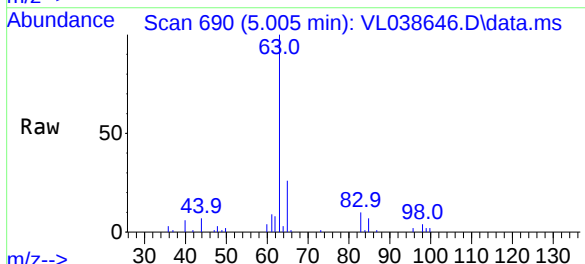
Manual Integrations
 APPROVED

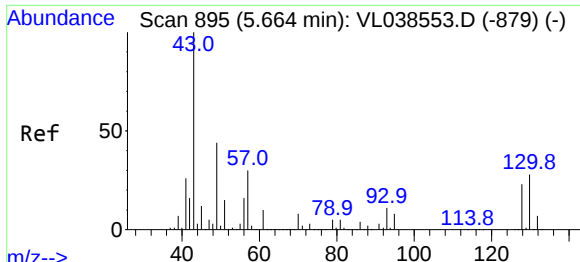
Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#24
 1,1-Dichloroethane
 Concen: 0.789 ppbv
 RT: 5.005 min Scan# 690
 Delta R.T. 0.003 min
 Lab File: VL038646.D
 Acq: 18 Mar 2022 4:17

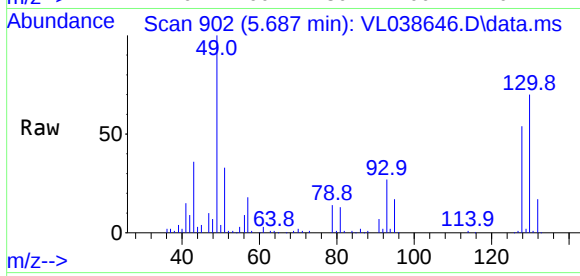
Tgt Ion: 63 Resp: 38133
 Ion Ratio Lower Upper
 63 100
 98 2.8 2.2 6.6
 100 2.5 1.5 4.5





#25
Ethyl Acetate
Concen: 0.523 ppbv
RT: 5.687 min Scan# 902
Delta R.T. 0.023 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

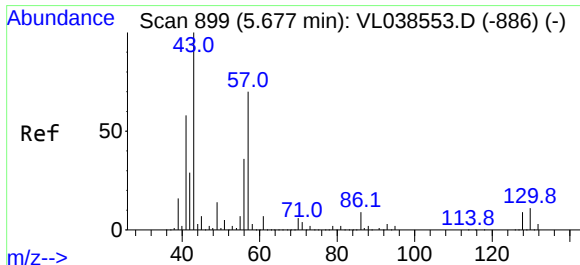
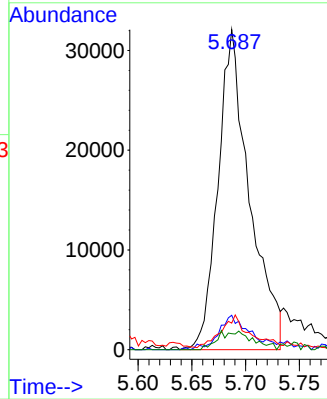
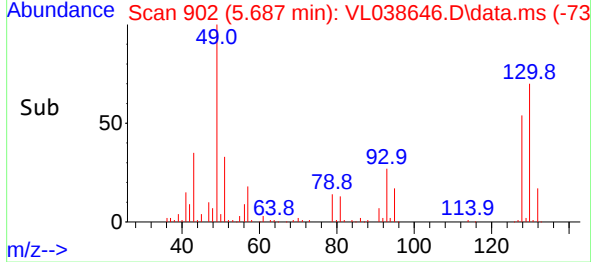
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



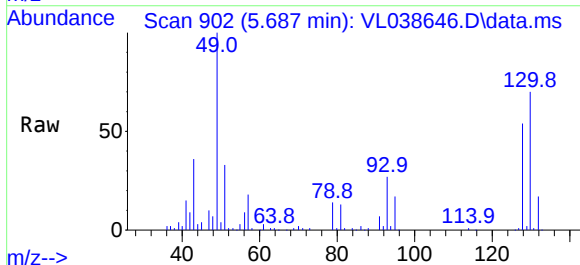
Tgt Ion: 43 Resp: 65340
Ion Ratio Lower Upper
43 100
45 13.4 8.0 12.0
61 12.3 8.2 12.4
70 6.4 5.4 8.2

Manual Integrations
APPROVED

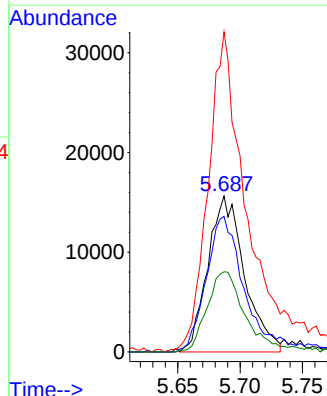
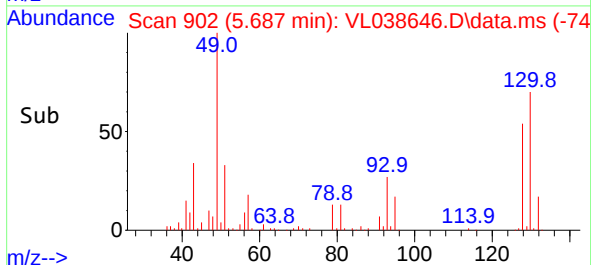
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

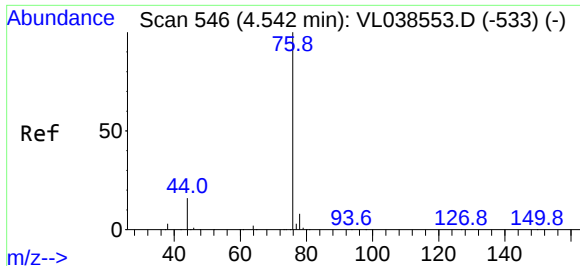


#26
Hexane
Concen: 0.545 ppbv
RT: 5.687 min Scan# 902
Delta R.T. 0.010 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17



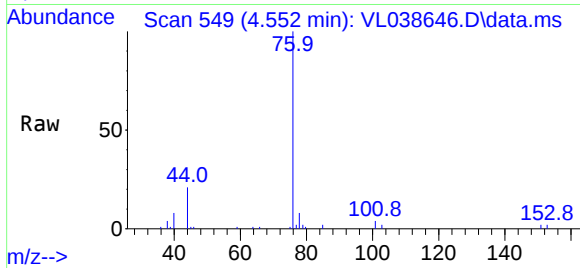
Tgt Ion: 57 Resp: 31977
Ion Ratio Lower Upper
57 100
41 94.0 67.8 101.6
43 232.6 173.6 260.4
56 54.9 42.2 63.2





#27
Carbon Disulfide
Concen: 0.629 ppbv m
RT: 4.552 min Scan# 54
Delta R.T. 0.010 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

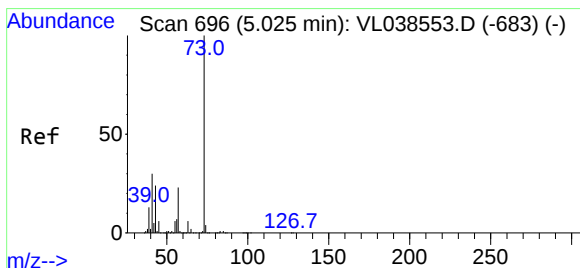
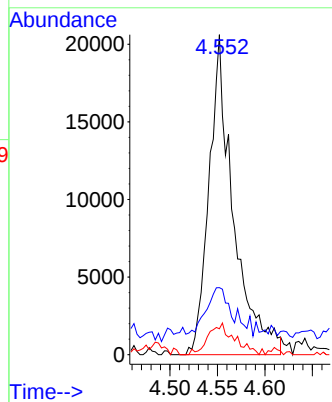
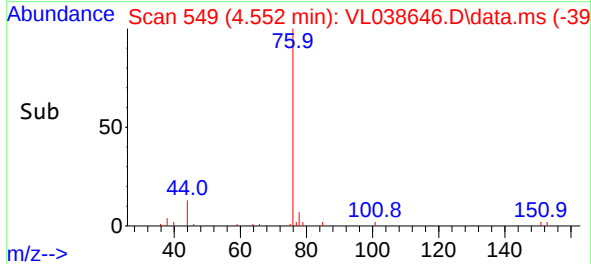
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



Tgt Ion: 76 Resp: 3676
Ion Ratio Lower Upper
76 100
44 23.3 12.9 19.3
78 11.7 7.8 11.6

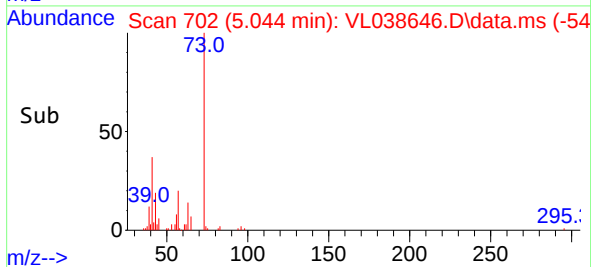
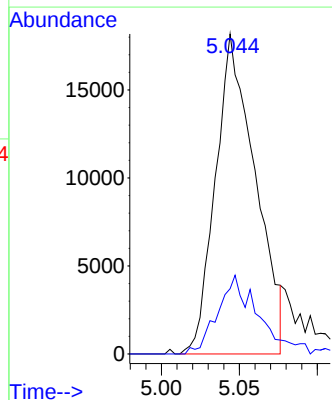
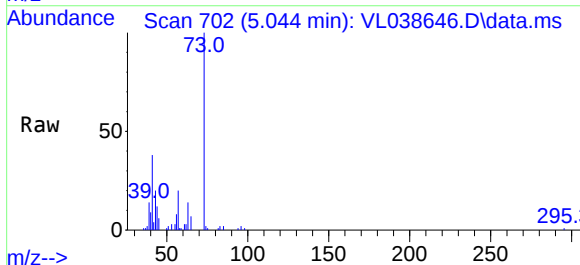
Manual Integrations
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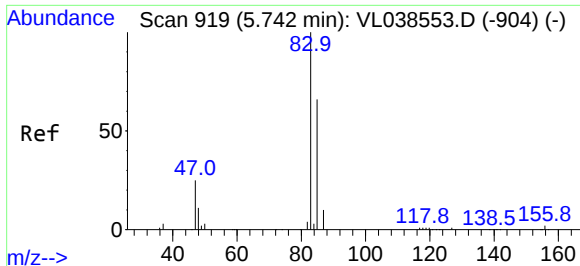
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#28
Methyl tert-Butyl Ether
Concen: 0.675 ppbv
RT: 5.044 min Scan# 702
Delta R.T. 0.019 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 73 Resp: 32236
Ion Ratio Lower Upper
73 100
57 26.2 18.8 28.2





#29

Chloroform

Concen: 0.708 ppbv

RT: 5.751 min Scan# 919

Delta R.T. 0.010 min

Lab File: VL038646.D

Acq: 18 Mar 2022 4:17

Instrument :

MSVOA_L

ClientSampleId :

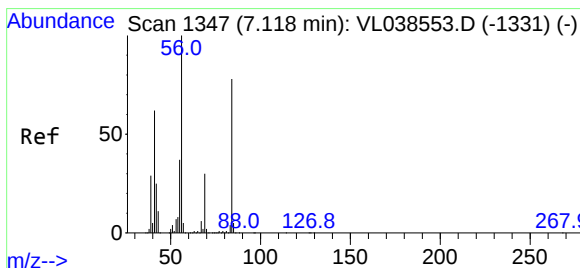
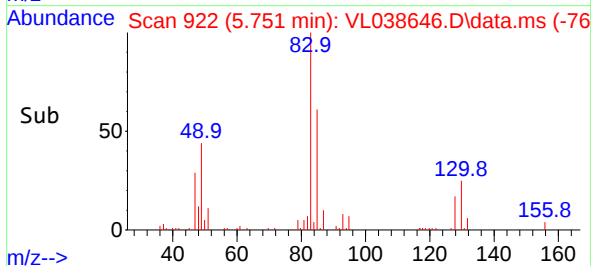
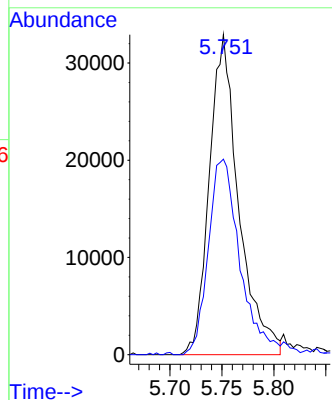
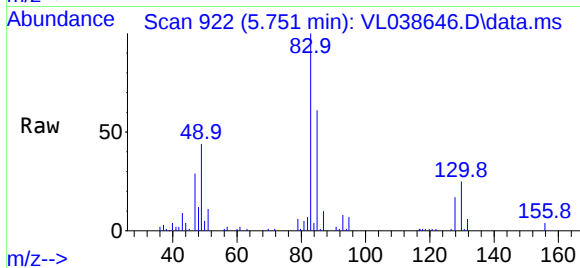
MDL-AIR-03-QT1-2022DL

Tgt Ion: 83 Resp: 64658
 Ion Ratio Lower Upper
 83 100
 85 61.1 52.8 79.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#30

Cyclohexane

Concen: 0.747 ppbv m

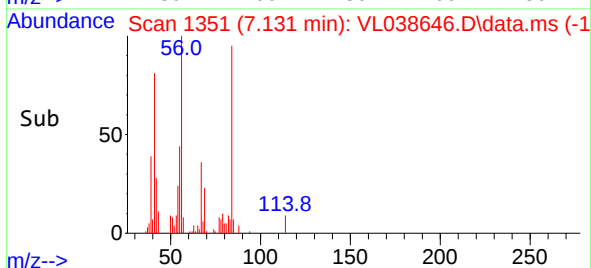
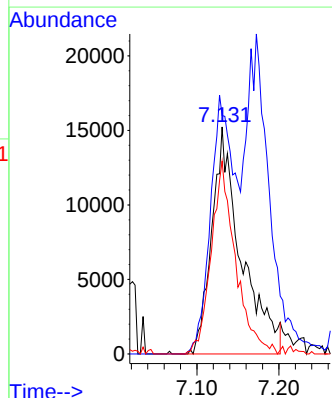
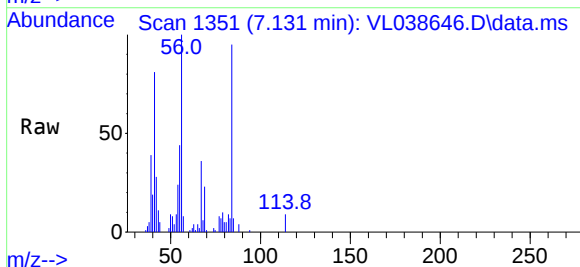
RT: 7.131 min Scan# 1351

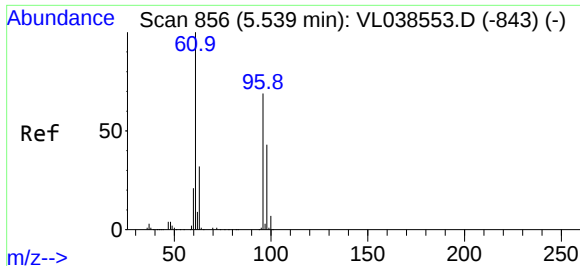
Delta R.T. 0.013 min

Lab File: VL038646.D

Acq: 18 Mar 2022 4:17

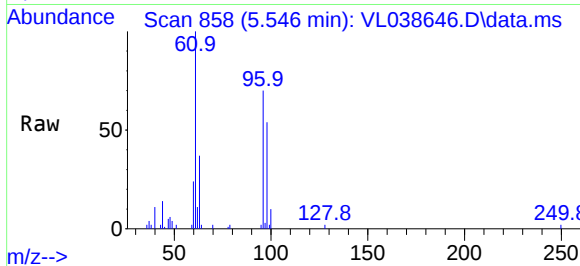
Tgt Ion: 84 Resp: 37892
 Ion Ratio Lower Upper
 84 100
 56 83.8 111.4 167.0#
 41 70.4 65.5 98.3





#31
cis-1,2-Dichloroethene
Concen: 0.388 ppbv
RT: 5.546 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

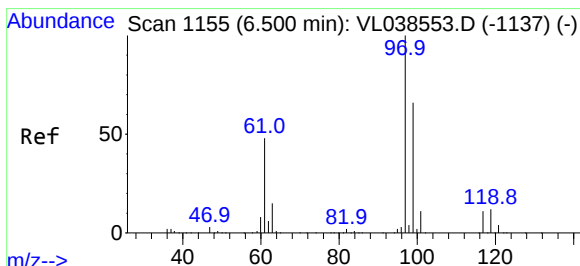
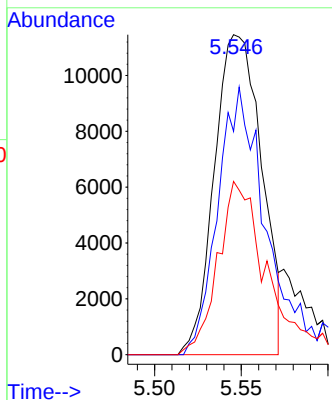
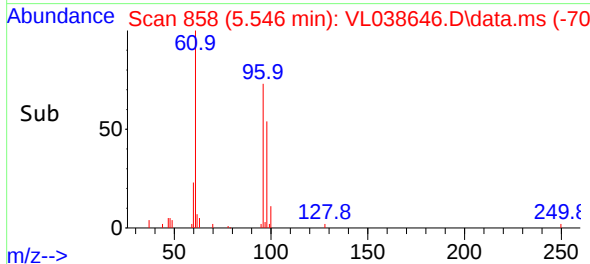
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



Tgt Ion: 61 Resp: 21764
Ion Ratio Lower Upper
61 100
96 69.8 55.2 82.8
98 54.2 34.2 51.4

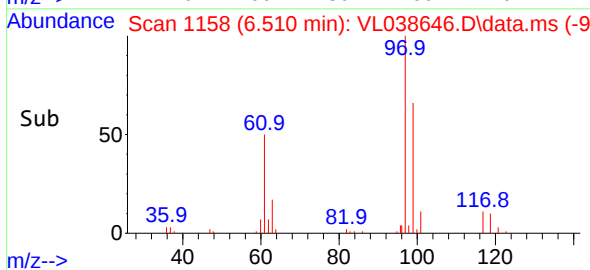
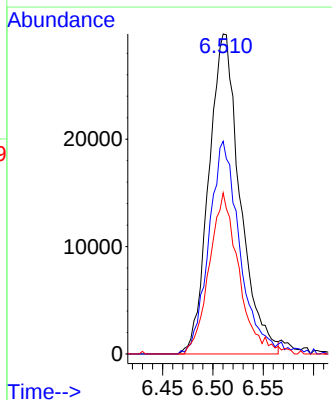
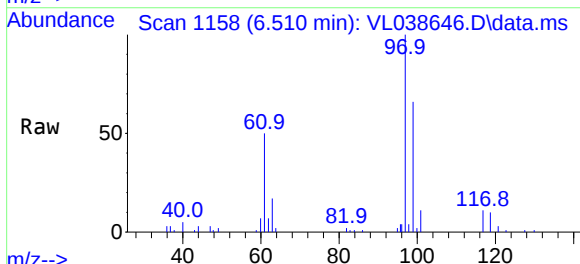
Manual Integrations
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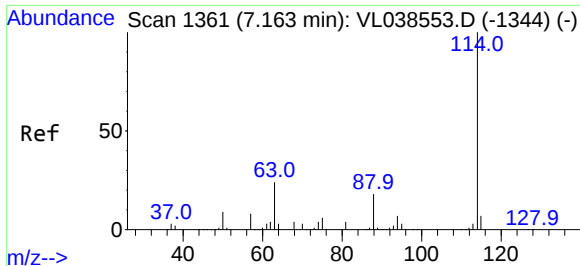
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#32
1,1,1-Trichloroethane
Concen: 0.727 ppbv
RT: 6.510 min Scan# 1158
Delta R.T. 0.010 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 97 Resp: 64334
Ion Ratio Lower Upper
97 100
99 66.9 52.1 78.1
61 48.2 37.7 56.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.173 min Scan# 1114

Delta R.T. 0.010 min

Lab File: VL038646.D

Acq: 18 Mar 2022 4:17

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2022DL

Tgt Ion:114 Resp: 200289

Ion Ratio Lower Upper

114 100

63 24.4 19.6 29.4

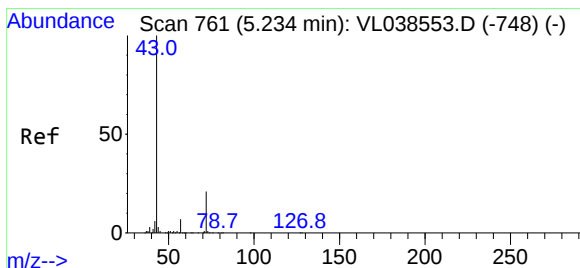
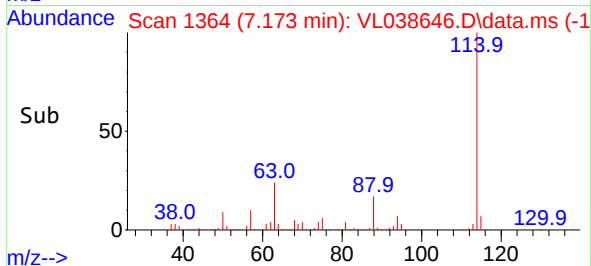
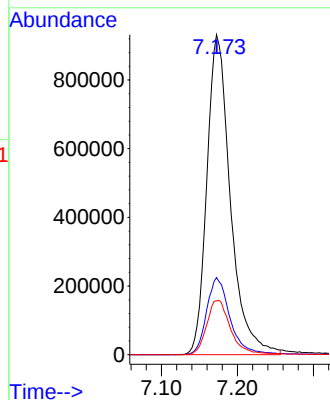
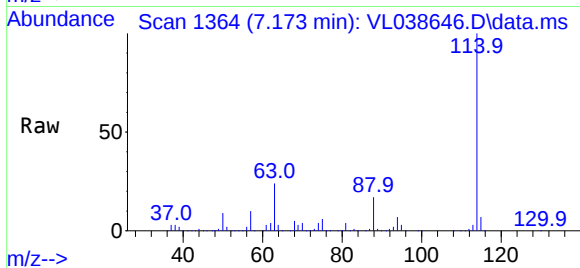
88 17.5 13.9 20.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/19/2022

Supervised By :Mahesh Dadoda 03/21/2022



#34

2-Butanone

Concen: 0.442 ppbv

RT: 5.259 min Scan# 769

Delta R.T. 0.026 min

Lab File: VL038646.D

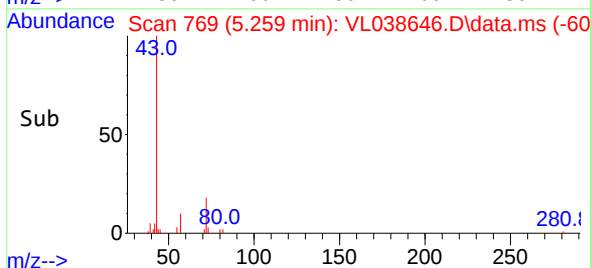
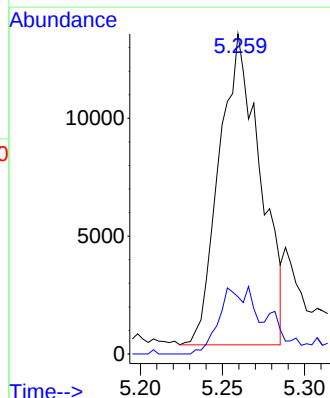
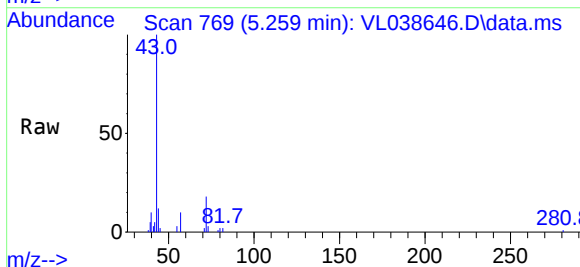
Acq: 18 Mar 2022 4:17

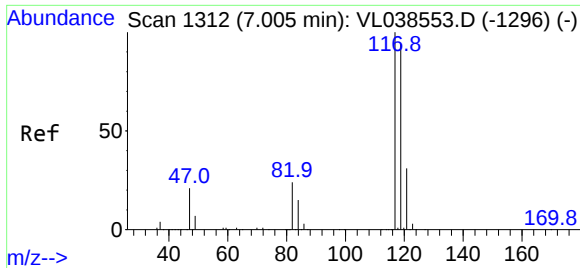
Tgt Ion: 43 Resp: 22922

Ion Ratio Lower Upper

43 100

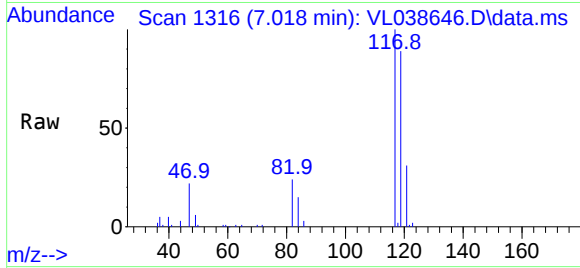
72 27.5 17.8 26.6#





#35
Carbon Tetrachloride
Concen: 0.483 ppbv
RT: 7.018 min Scan# 117
Delta R.T. 0.013 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

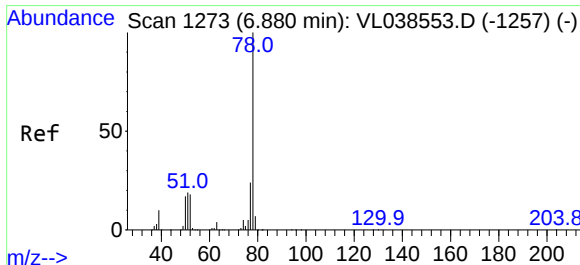
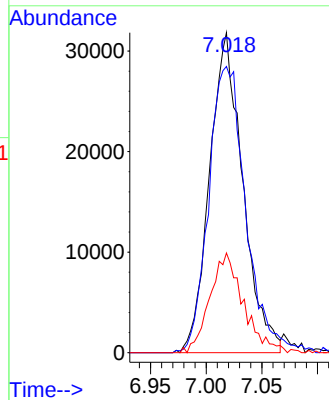
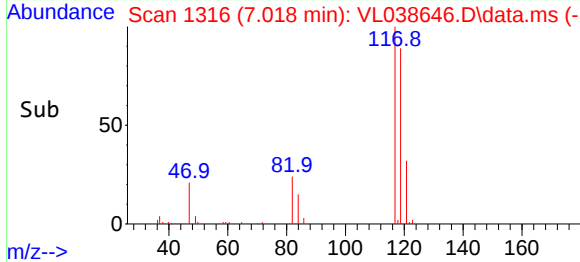
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



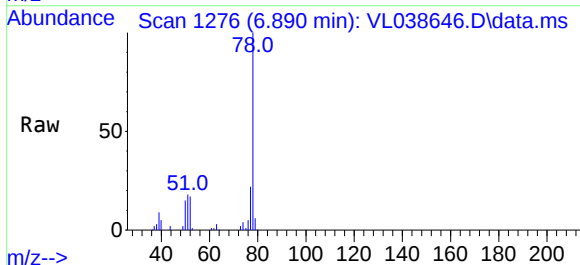
Tgt Ion:117 Resp: 6598
Ion Ratio Lower Upper
117 100
119 88.9 75.2 112.8
121 31.9 24.8 37.2

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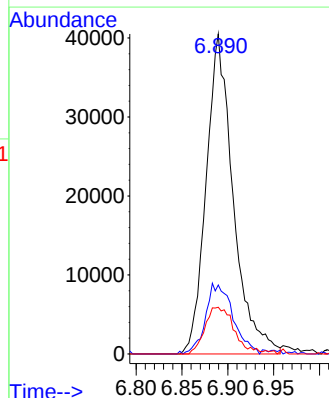
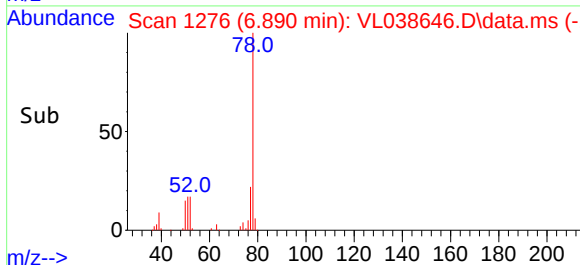
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

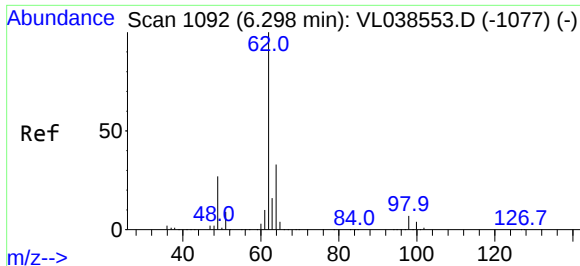


#36
Benzene
Concen: 0.460 ppbv
RT: 6.890 min Scan# 1276
Delta R.T. 0.010 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17



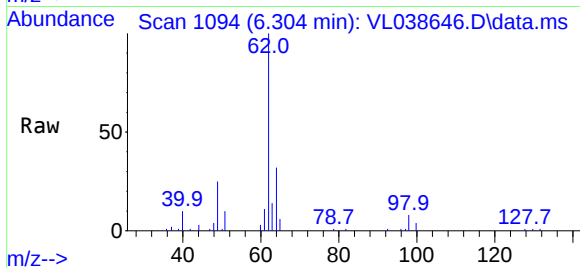
Tgt Ion: 78 Resp: 83050
Ion Ratio Lower Upper
78 100
77 20.7 19.0 28.4
50 14.6 13.9 20.9





#37
1,2-Dichloroethane
Concen: 0.508 ppbv
RT: 6.304 min Scan# 1094
Delta R.T. 0.007 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

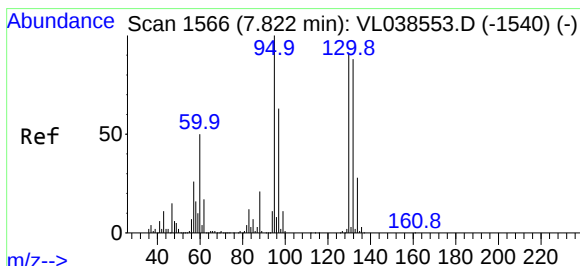
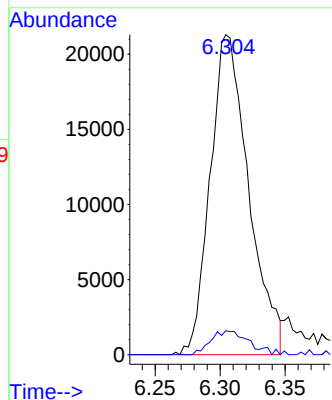
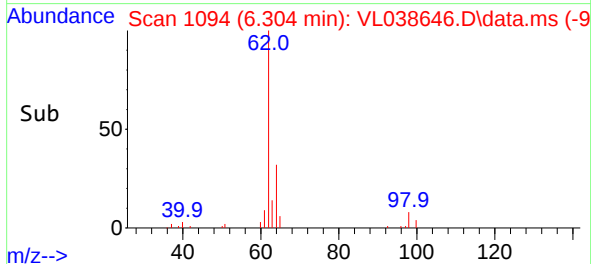
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



Tgt Ion: 62 Resp: 43880
Ion Ratio Lower Upper
62 100
98 7.5 5.7 8.5

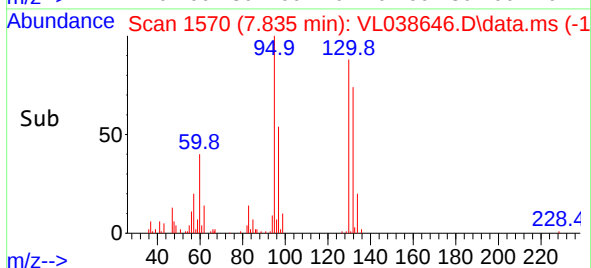
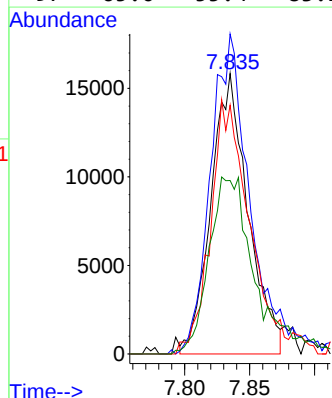
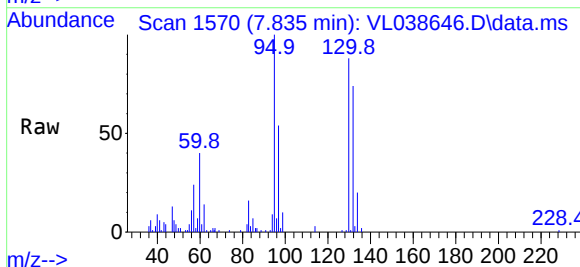
Manual Integrations
APPROVED

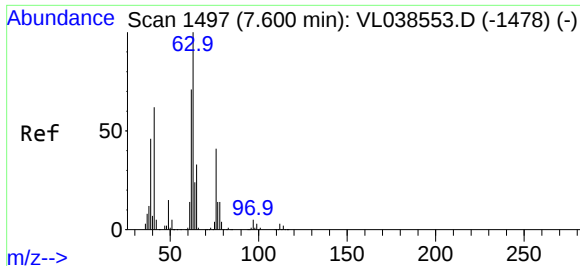
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#38
Trichloroethene
Concen: 0.435 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. 0.013 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

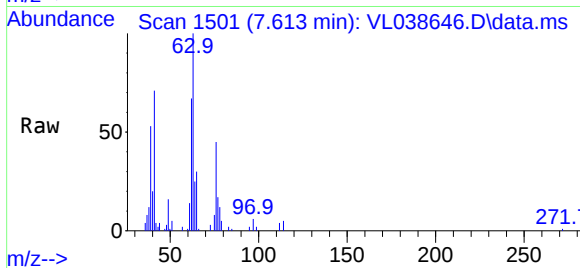
Tgt Ion:130 Resp: 31401
Ion Ratio Lower Upper
130 100
95 121.2 87.8 131.8
132 90.5 77.5 116.3
97 65.0 55.4 83.2





#39
1,2-Dichloropropane
Concen: 0.465 ppbv
RT: 7.613 min Scan# 1501
Delta R.T. 0.013 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

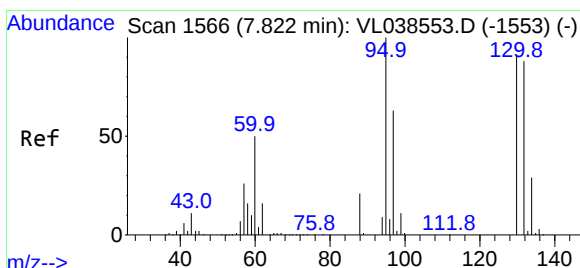
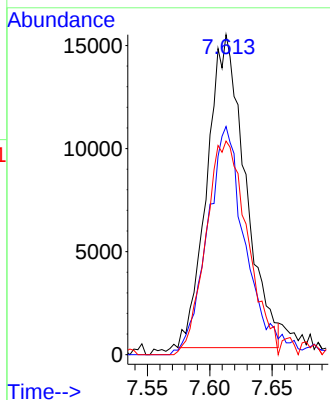
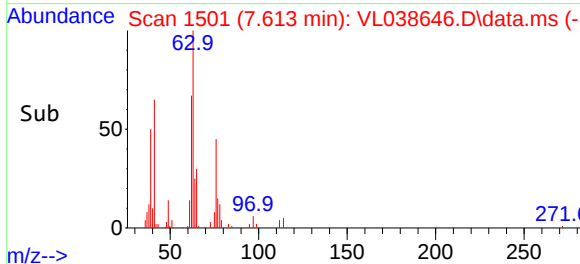
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



Tgt Ion: 63 Resp: 3233
Ion Ratio Lower Upper
63 100
41 72.3 49.8 74.6
62 69.0 56.7 85.1

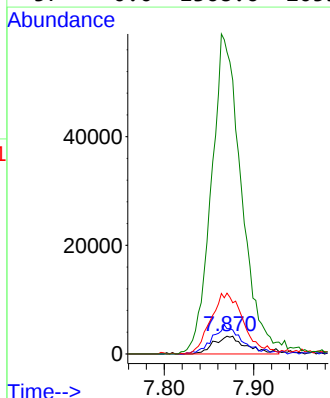
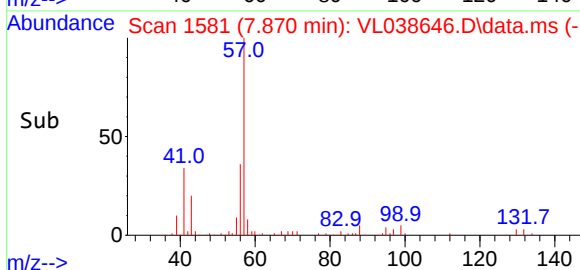
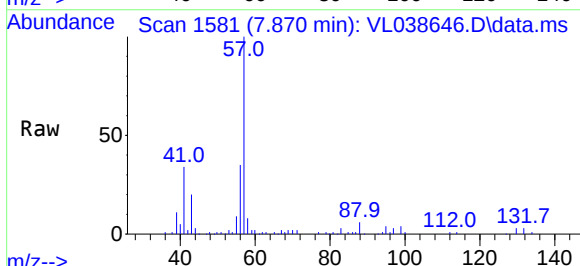
Manual Integrations
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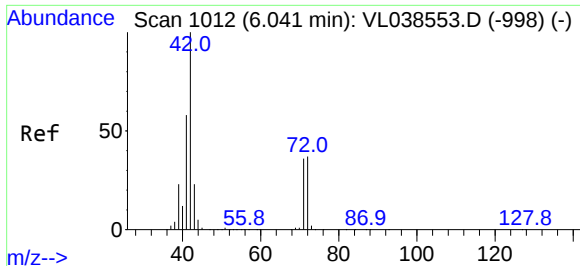
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#40
1,4-Dioxane
Concen: 0.480 ppbv m
RT: 7.870 min Scan# 1581
Delta R.T. 0.048 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

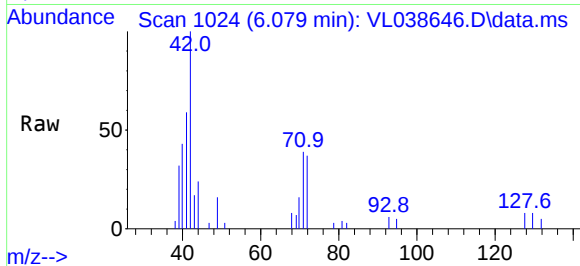
Tgt Ion: 88 Resp: 8355
Ion Ratio Lower Upper
88 100
58 0.0 126.7 190.1#
43 0.0 303.0 454.6#
57 0.0 1368.6 2053.0#





#41
Tetrahydrofuran
Concen: 0.401 ppbv
RT: 6.079 min Scan# 1024
Delta R.T. 0.039 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

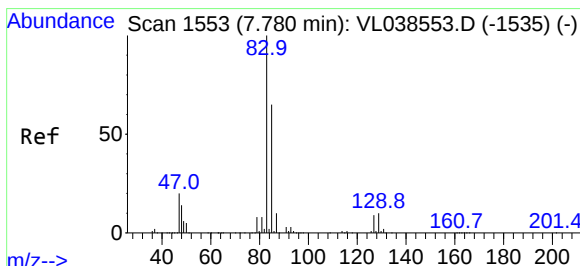
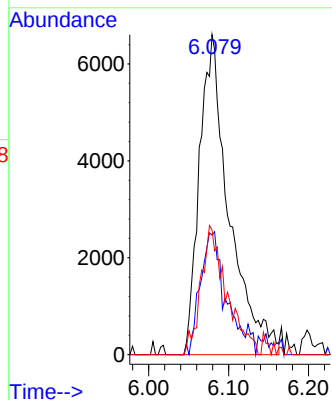
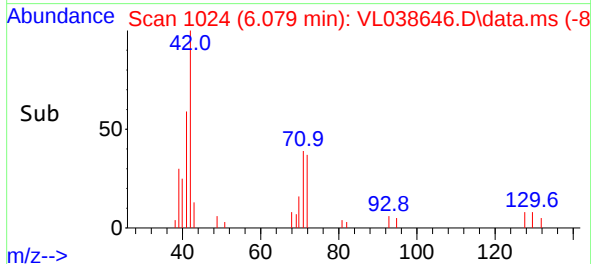
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



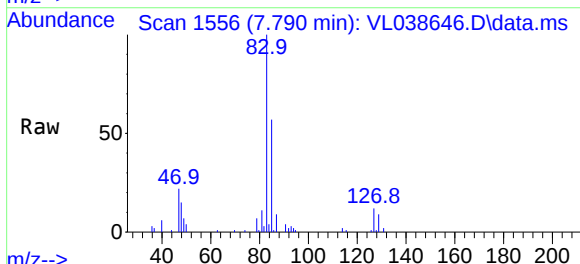
Tgt Ion: 42 Resp: 17034
Ion Ratio Lower Upper
42 100
72 0.0 30.9 46.3
71 0.0 29.1 43.7

Manual Integrations
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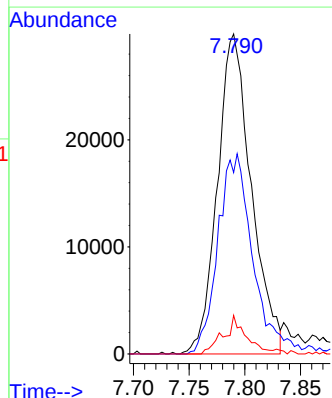
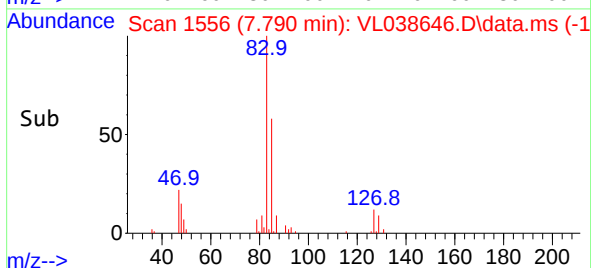
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

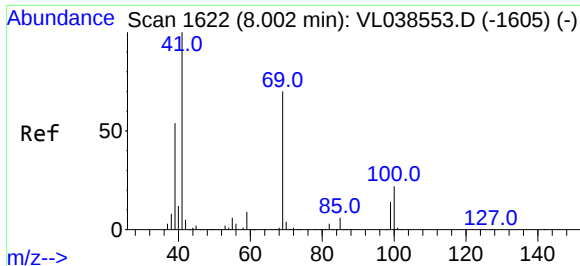


#42
Bromodichloromethane
Concen: 0.462 ppbv
RT: 7.790 min Scan# 1556
Delta R.T. 0.010 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17



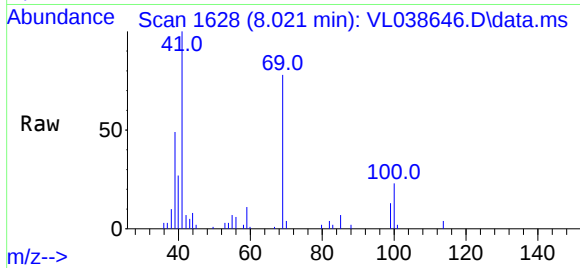
Tgt Ion: 83 Resp: 63233
Ion Ratio Lower Upper
83 100
85 56.7 51.7 77.5
127 12.1 6.9 10.3





#43
Methyl Methacrylate
Concen: 0.370 ppbv m
RT: 8.021 min Scan# 1622
Delta R.T. 0.019 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

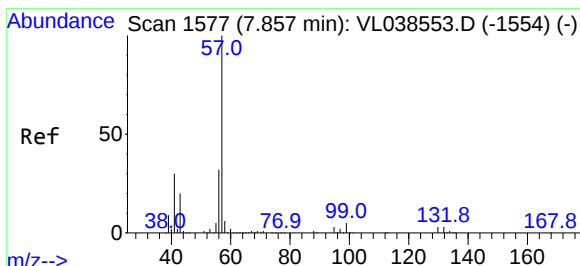
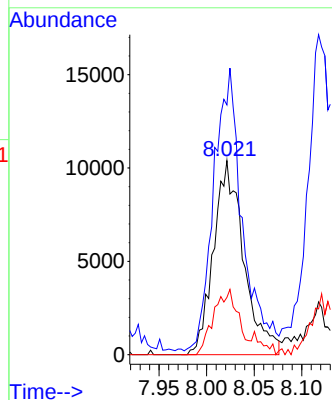
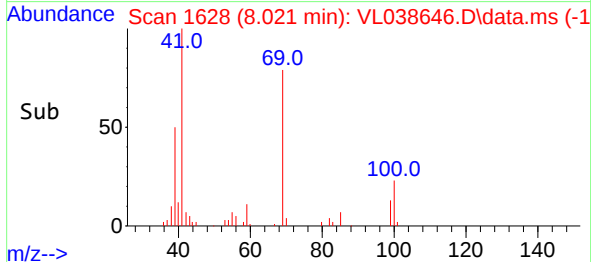
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



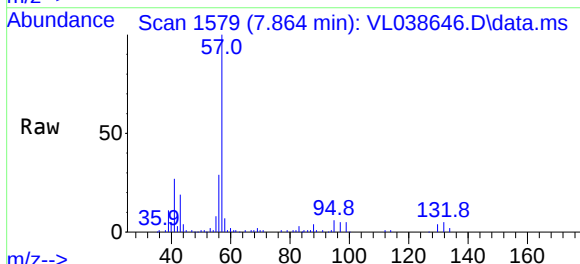
Tgt Ion: 69 Resp: 2293
Ion Ratio Lower Upper
69 100
41 143.0 113.8 170.6
100 31.7 24.4 36.6

Manual Integrations
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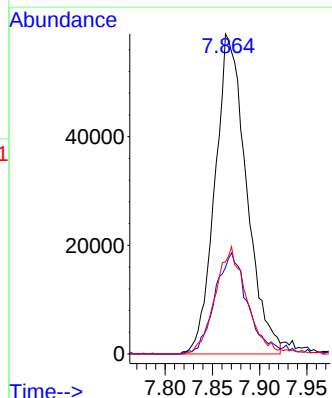
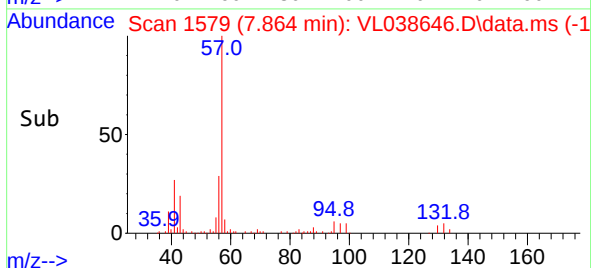
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

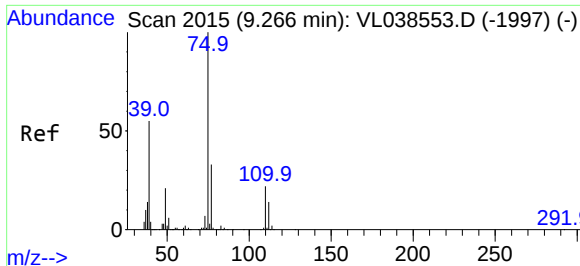


#44
2,2,4-Trimethylpentane
Concen: 0.446 ppbv
RT: 7.864 min Scan# 1579
Delta R.T. 0.007 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17



Tgt Ion: 57 Resp: 136271
Ion Ratio Lower Upper
57 100
41 33.9 24.0 36.0
56 33.9 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 0.339 ppbv m

RT: 9.275 min Scan# 2015

Delta R.T. 0.010 min

Lab File: VL038646.D

Acq: 18 Mar 2022 4:17

Instrument :

MSVOA_L

ClientSampleId :

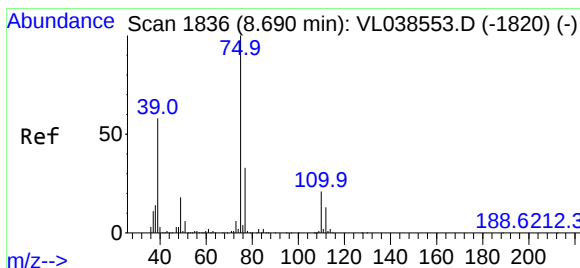
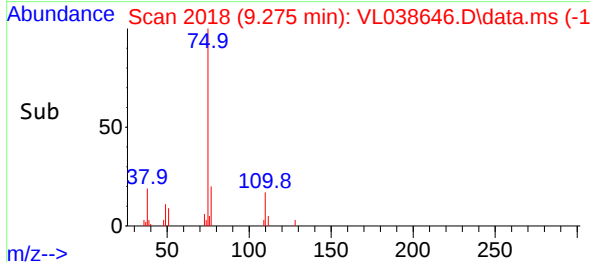
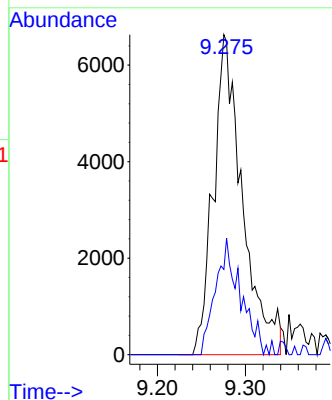
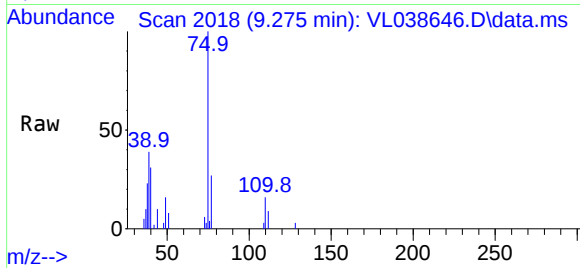
MDL-AIR-03-QT1-2022DL

Tgt Ion:	75	Resp:	1515
Ion Ratio	Lower	Upper	
75	100		
77	26.6	26.6	40.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#46

cis-1,3-Dichloropropene

Concen: 0.372 ppbv m

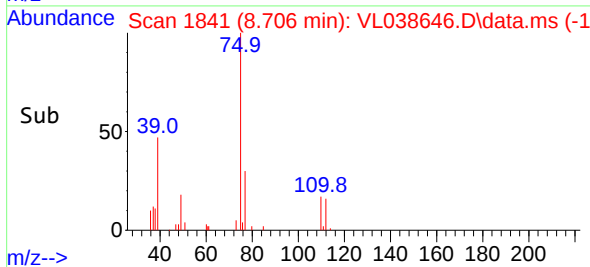
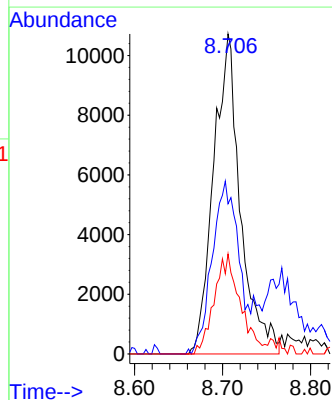
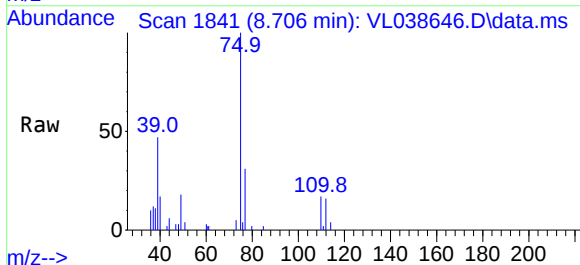
RT: 8.706 min Scan# 1841

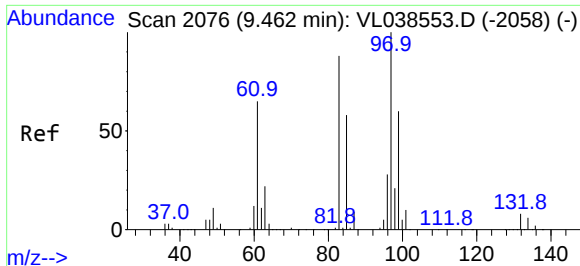
Delta R.T. 0.016 min

Lab File: VL038646.D

Acq: 18 Mar 2022 4:17

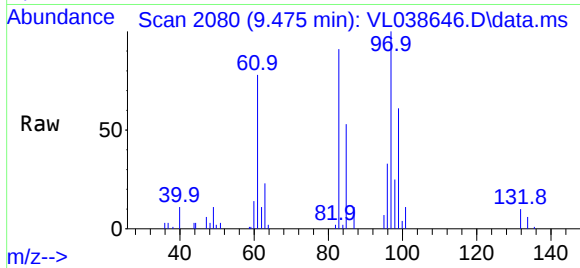
Tgt Ion:	75	Resp:	22737
Ion Ratio	Lower	Upper	
75	100		
39	47.0	46.2	69.2
77	31.3	26.2	39.2





#47
1,1,2-Trichloroethane
Concen: 0.488 ppbv
RT: 9.475 min Scan# 2076
Delta R.T. 0.013 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

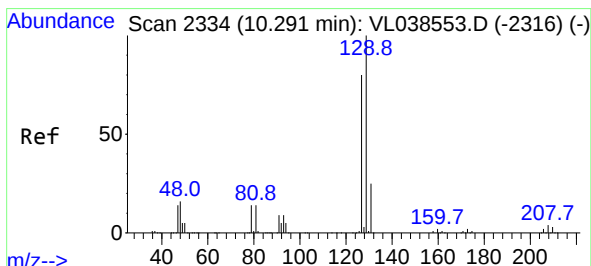
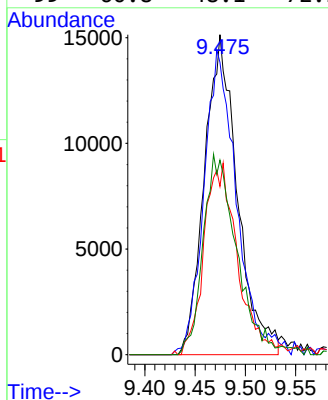
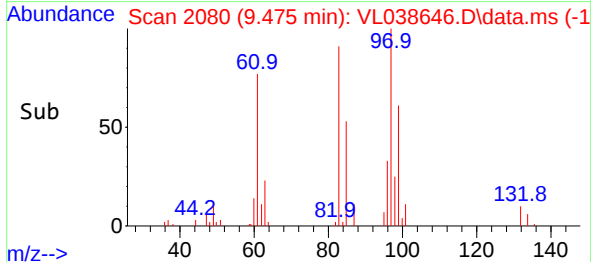
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



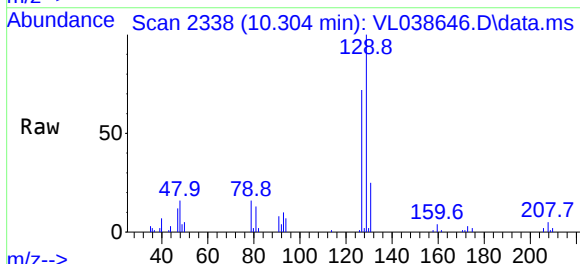
Tgt Ion: 97 Resp: 3453
Ion Ratio Lower Upper
97 100
83 89.4 70.1 105.1
85 52.6 46.6 69.8
99 60.8 48.1 72.1

Manual Integrations
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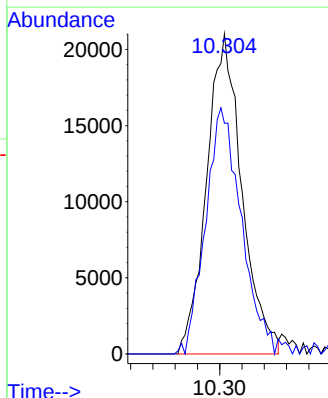
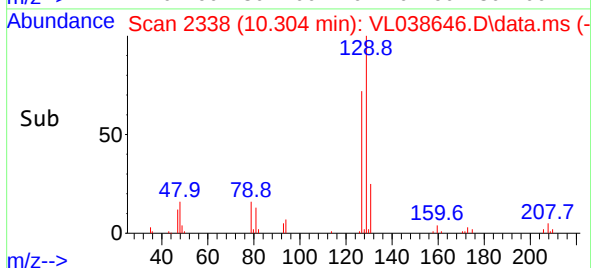
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

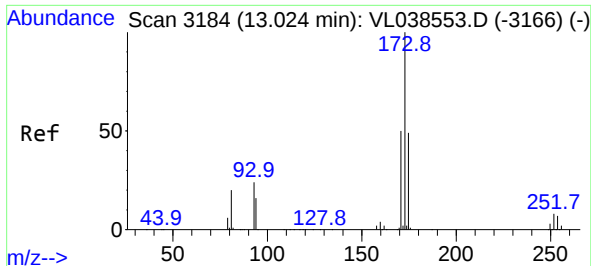


#48
Dibromochloromethane
Concen: 0.410 ppbv
RT: 10.304 min Scan# 2338
Delta R.T. 0.013 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17



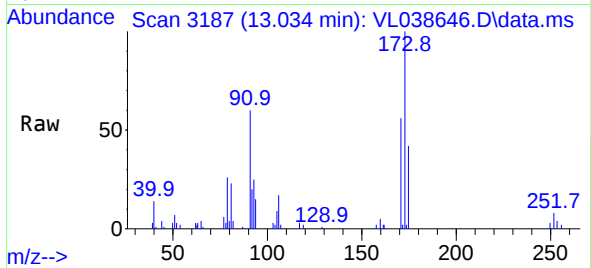
Tgt Ion:129 Resp: 46126
Ion Ratio Lower Upper
129 100
127 79.0 39.5 118.3





#49
Bromoform
Concen: 0.396 ppbv m
RT: 13.034 min Scan# 3184
Delta R.T. 0.010 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

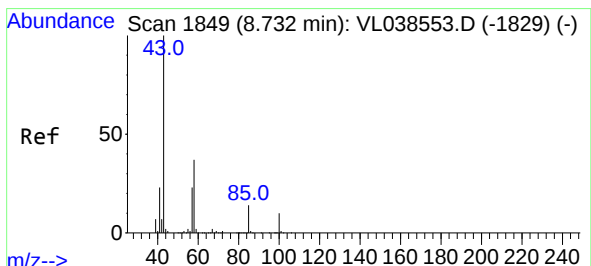
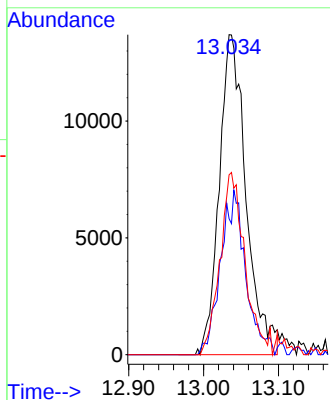
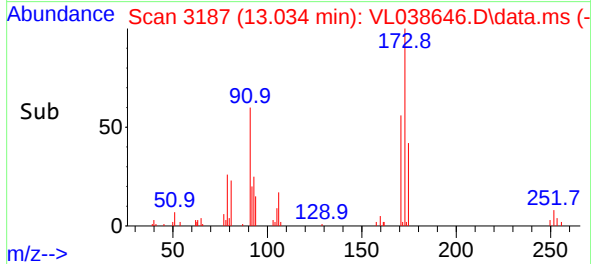
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



Tgt Ion: 173 Resp: 34110
Ion Ratio Lower Upper
173 100
175 49.1 40.7 61.1
171 52.8 42.9 64.3

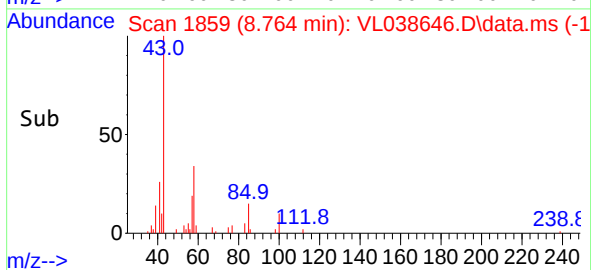
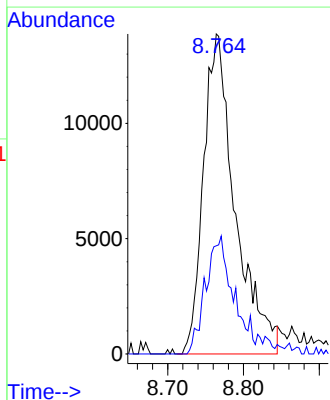
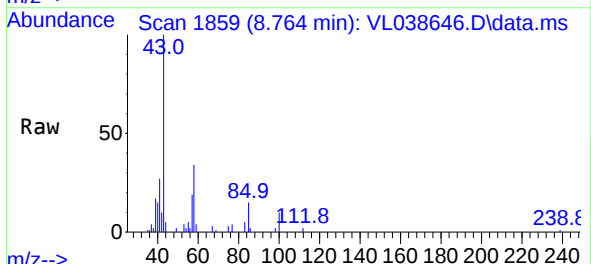
Manual Integrations
APPROVED

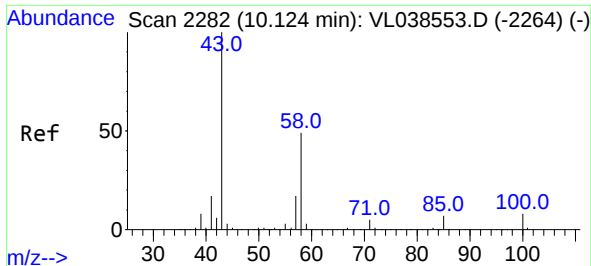
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#50
4-Methyl-2-Pentanone
Concen: 0.378 ppbv m
RT: 8.764 min Scan# 1859
Delta R.T. 0.032 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

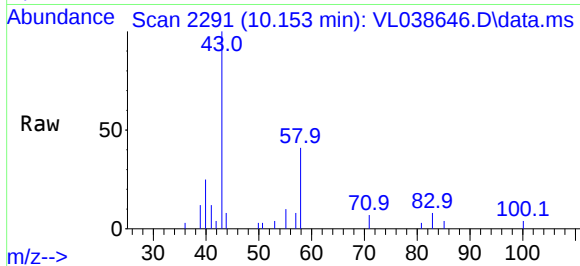
Tgt Ion: 43 Resp: 40280
Ion Ratio Lower Upper
43 100
58 0.0 29.2 43.8#





#51
2-Hexanone
Concen: 0.336 ppbv m
RT: 10.153 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

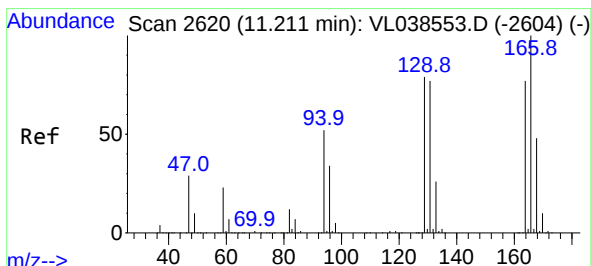
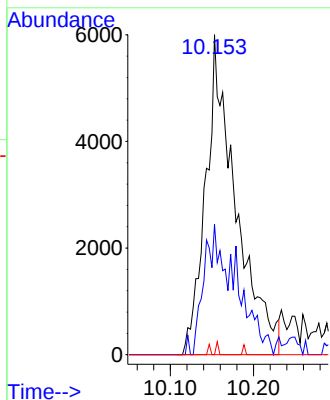
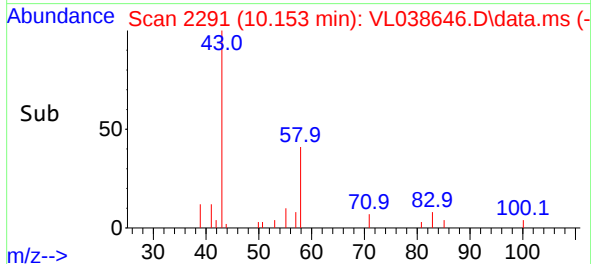
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



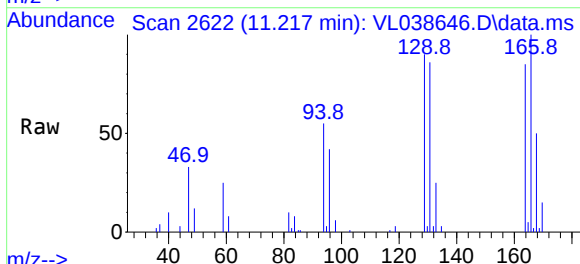
Tgt Ion: 43 Resp: 1509
Ion Ratio Lower Upper
43 100
58 47.0 40.1 60.1
98 0.0 0.4 0.6

Manual Integrations
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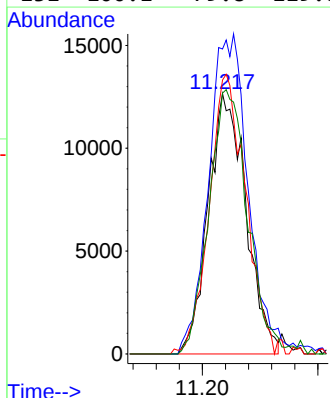
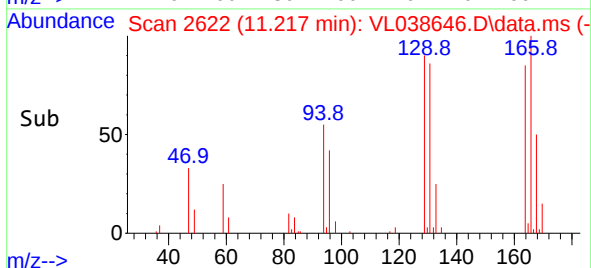
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

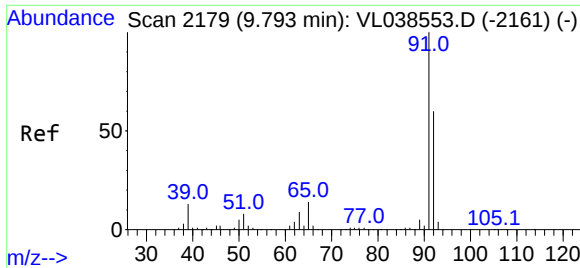


#52
Tetrachloroethene
Concen: 0.436 ppbv
RT: 11.217 min Scan# 2622
Delta R.T. 0.007 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17



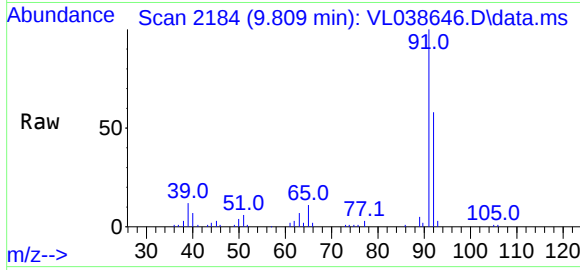
Tgt Ion:164 Resp: 28867
Ion Ratio Lower Upper
164 100
166 117.1 103.4 155.2
129 103.7 81.3 121.9
131 100.1 79.8 119.8





#53
Toluene
Concen: 0.373 ppbv
RT: 9.809 min Scan# 2179
Delta R.T. 0.016 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

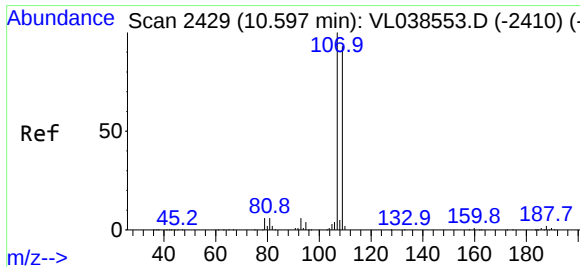
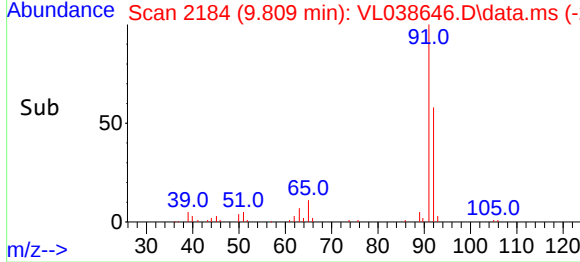
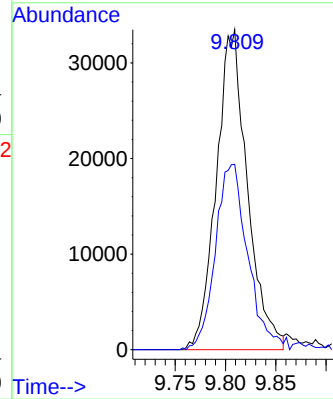
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



Tgt Ion: 91 Resp: 72024
Ion Ratio Lower Upper
91 100
92 60.4 48.1 72.1

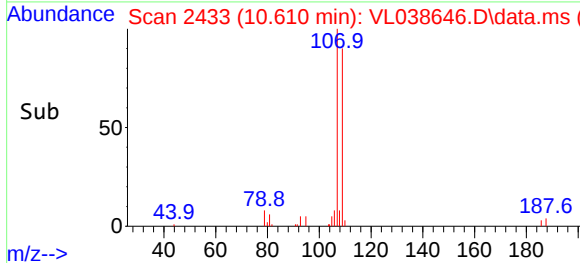
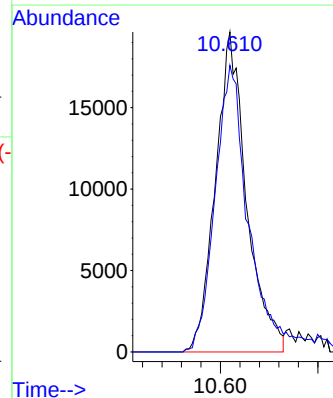
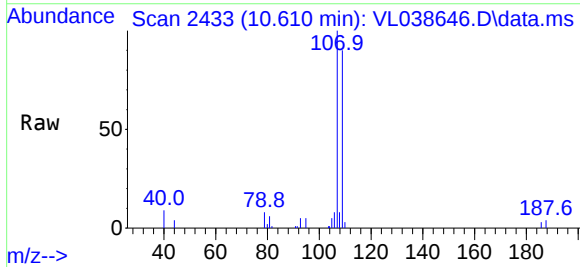
Manual Integrations
APPROVED

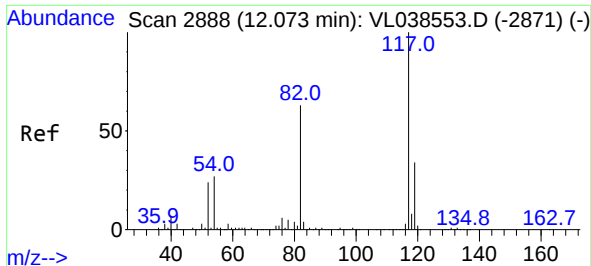
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#54
1,2-Dibromoethane
Concen: 0.430 ppbv
RT: 10.610 min Scan# 2433
Delta R.T. 0.013 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

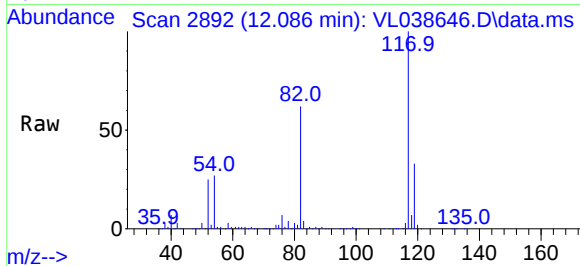
Tgt Ion:107 Resp: 43512
Ion Ratio Lower Upper
107 100
109 89.6 74.6 112.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.086 min Scan# 2888
Delta R.T. 0.013 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

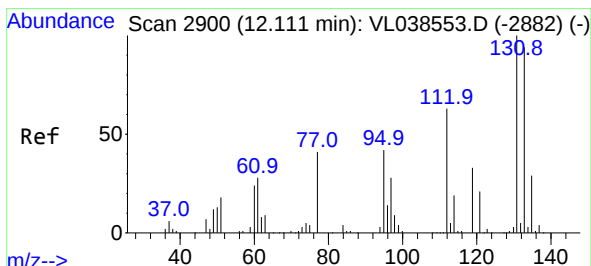
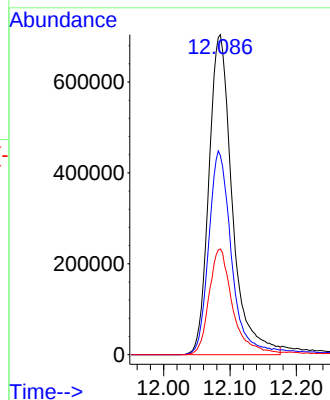
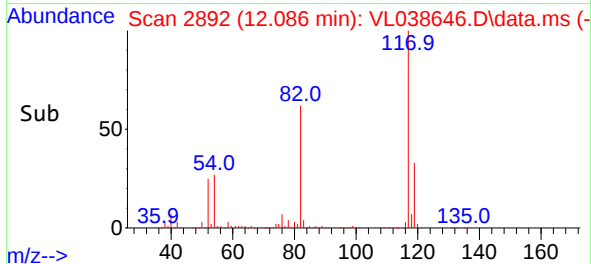
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



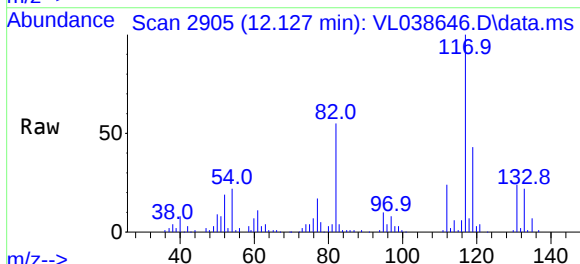
Tgt Ion:117 Resp: 172724
Ion Ratio Lower Upper
117 100
82 64.9 52.5 78.7
119 34.4 46.4 69.6

Manual Integrations
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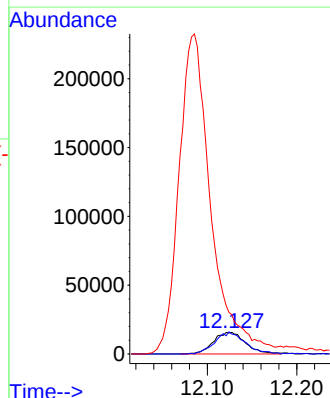
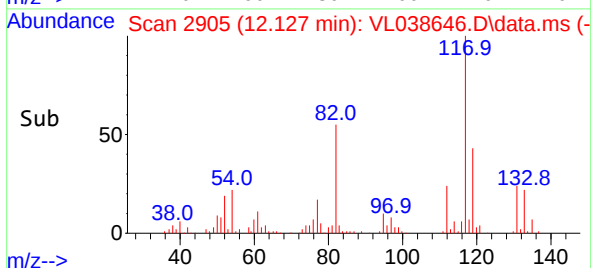
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

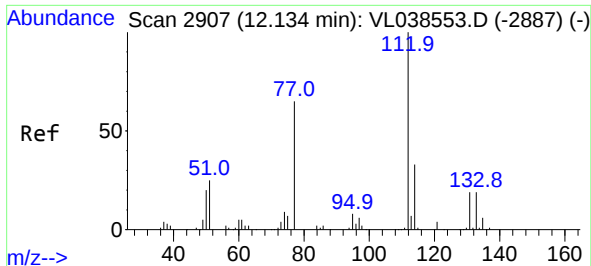


#56
1,1,1,2-Tetrachloroethane
Concen: 0.555 ppbv m
RT: 12.127 min Scan# 2905
Delta R.T. 0.016 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17



Tgt Ion:131 Resp: 39063
Ion Ratio Lower Upper
131 100
133 95.4 78.0 117.0
119 0.0 53.1 79.7#





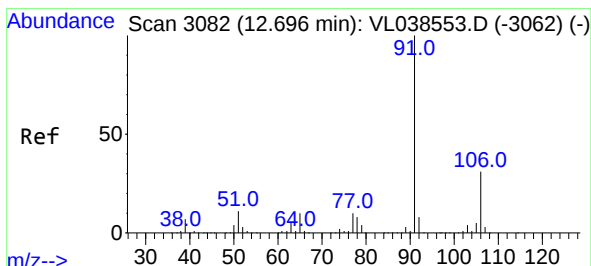
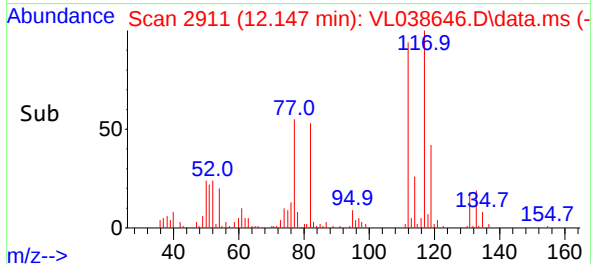
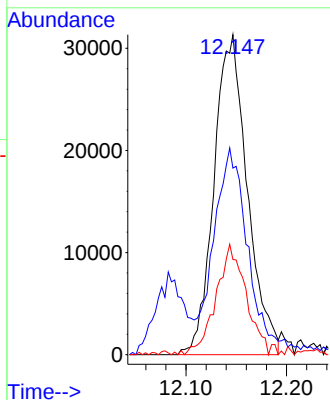
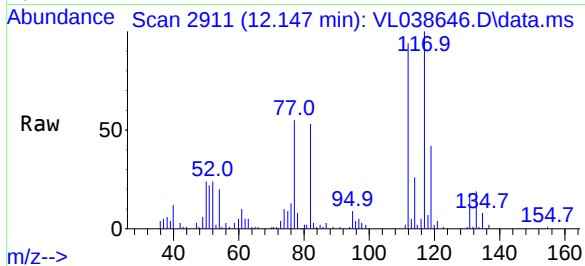
#57
Chlorobenzene
Concen: 0.548 ppbv
RT: 12.147 min Scan# 2907
Delta R.T. 0.013 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 112 Resp: 7226
Ion Ratio Lower Upper
112 100
77 54.4 52.5 78.7
114 29.9 30.0 36.6

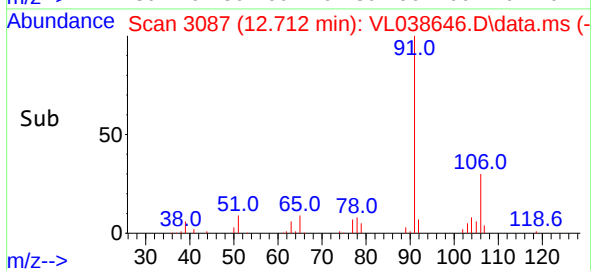
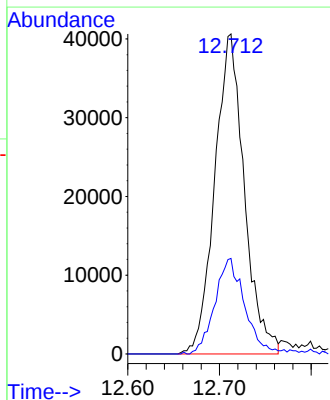
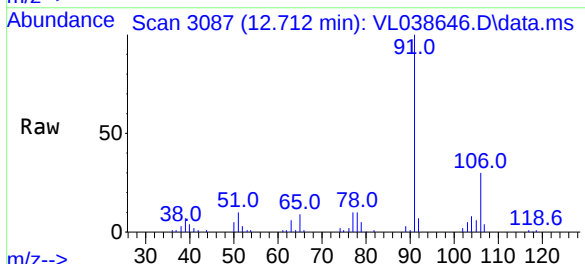
Manual Integrations
APPROVED

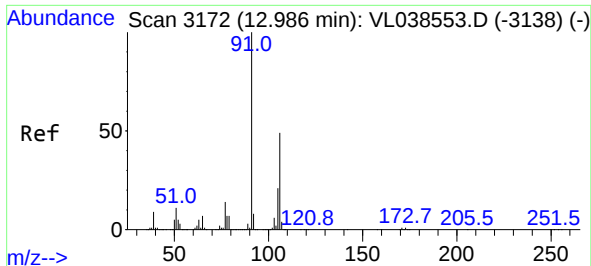
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#58
Ethyl Benzene
Concen: 0.406 ppbv
RT: 12.712 min Scan# 3087
Delta R.T. 0.016 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 91 Resp: 90698
Ion Ratio Lower Upper
91 100
106 33.7 24.6 37.0





#59

m/p-Xylene

Concen: 0.871 ppbv m

RT: 12.995 min Scan# 3175

Delta R.T. 0.010 min

Lab File: VL038646.D

Acq: 18 Mar 2022 4:17

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2022DL

Tgt Ion: 91 Resp: 16676

Ion Ratio Lower Upper

91 100

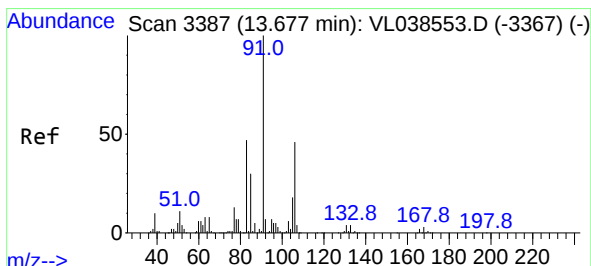
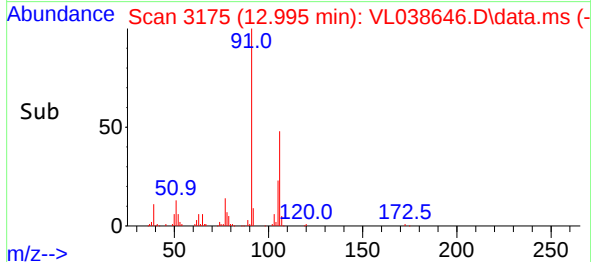
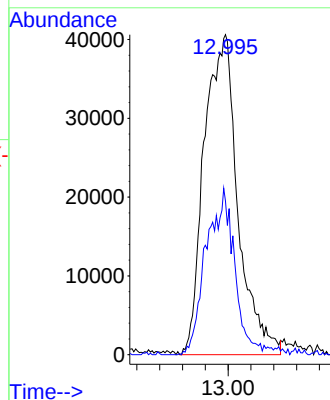
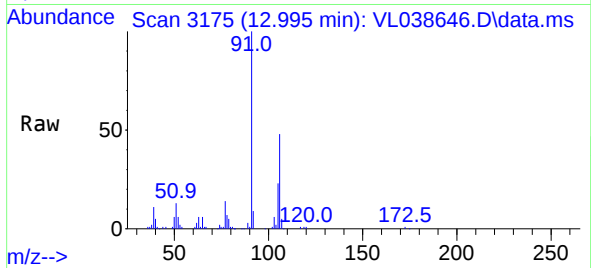
106 43.2 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022

Supervised By :Mahesh Dadoda 03/21/2022



#60

o-Xylene

Concen: 0.413 ppbv

RT: 13.693 min Scan# 3392

Delta R.T. 0.016 min

Lab File: VL038646.D

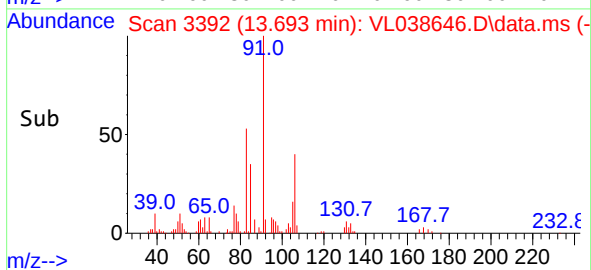
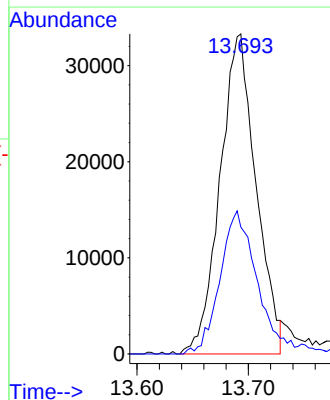
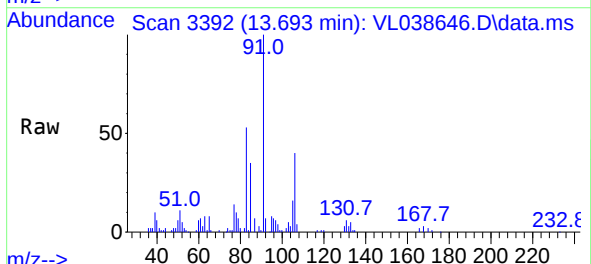
Acq: 18 Mar 2022 4:17

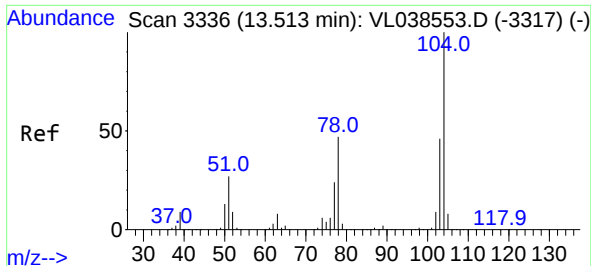
Tgt Ion: 91 Resp: 74749

Ion Ratio Lower Upper

91 100

106 47.4 23.5 70.6





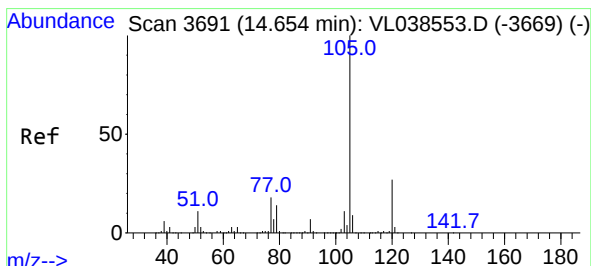
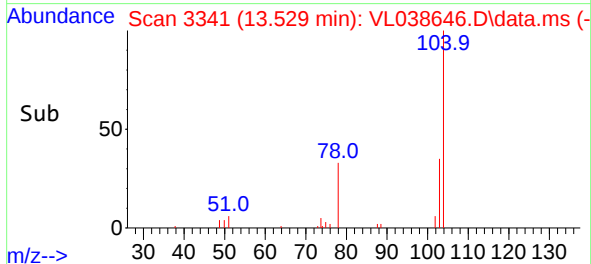
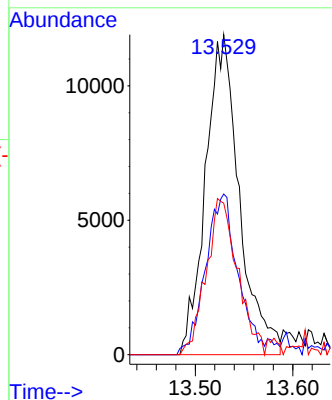
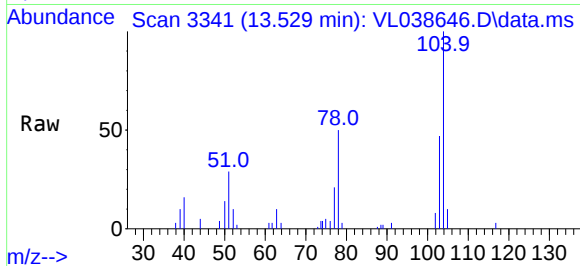
#61
Styrene
Concen: 0.321 ppbv
RT: 13.529 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:104 Resp: 2860
Ion Ratio Lower Upper
104 100
78 51.7 39.0 58.4
103 49.5 38.0 57.0

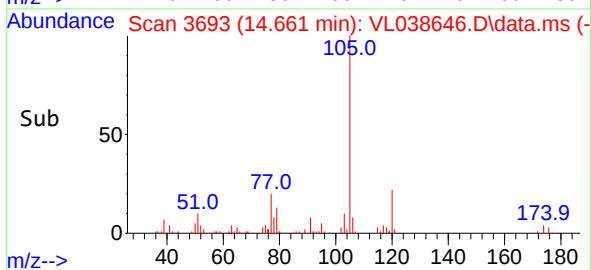
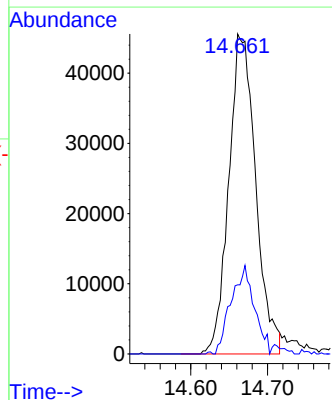
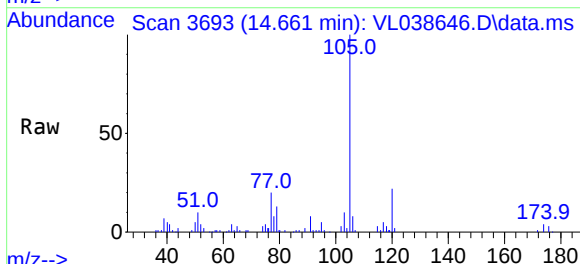
Manual Integrations
APPROVED

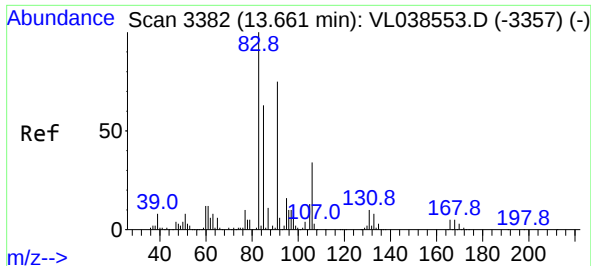
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#62
Isopropylbenzene
Concen: 0.444 ppbv m
RT: 14.661 min Scan# 3693
Delta R.T. 0.007 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

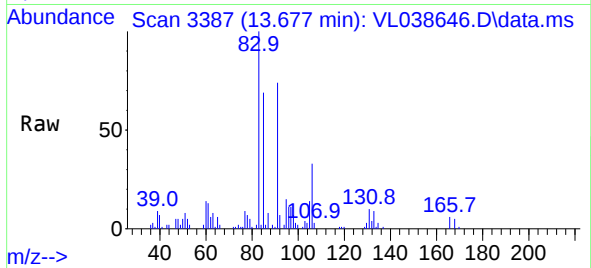
Tgt Ion:105 Resp: 110828
Ion Ratio Lower Upper
105 100
120 25.5 21.2 31.8





#63
1,1,2,2-Tetrachloroethane
Concen: 0.485 ppbv
RT: 13.677 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

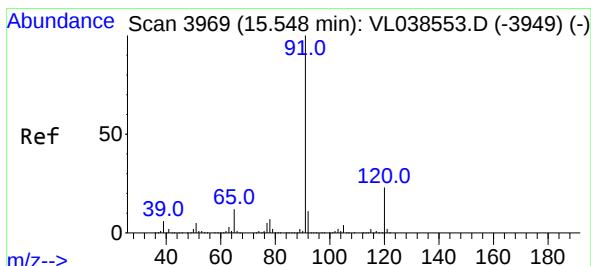
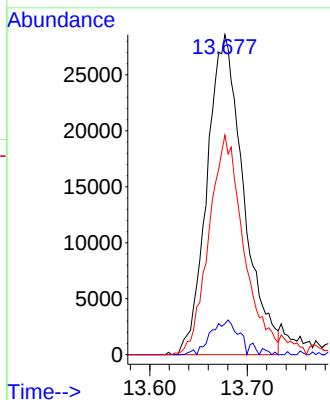
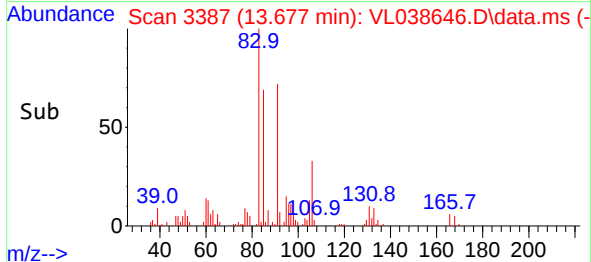
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



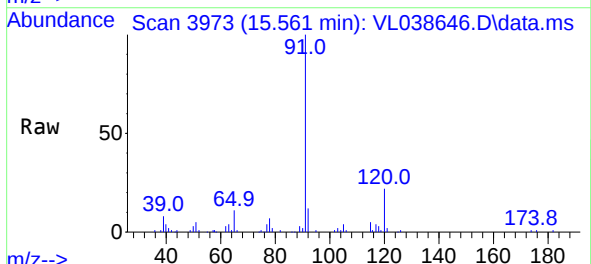
Tgt Ion: 83 Resp: 74138
Ion Ratio Lower Upper
83 100
131 9.1 4.7 14.1
85 71.0 32.6 98.0

Manual Integrations
APPROVED

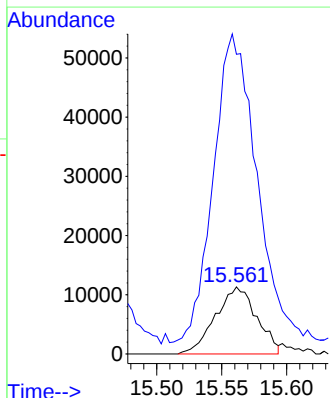
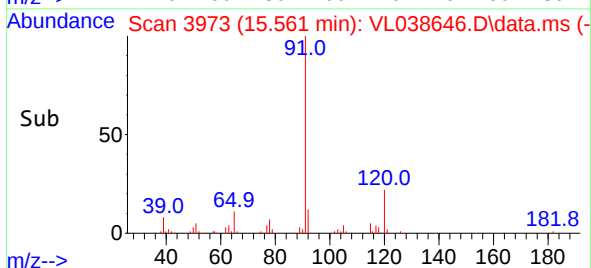
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

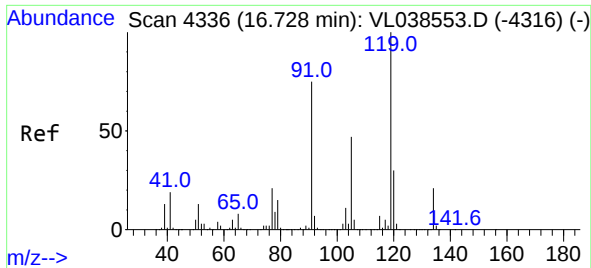


#64
n-propylbenzene
Concen: 0.393 ppbv
RT: 15.561 min Scan# 3973
Delta R.T. 0.013 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17



Tgt Ion:120 Resp: 24965
Ion Ratio Lower Upper
120 100
91 560.2 374.2 561.2





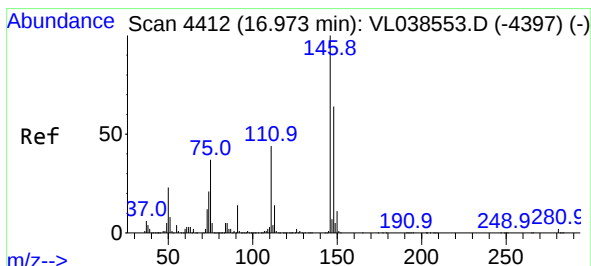
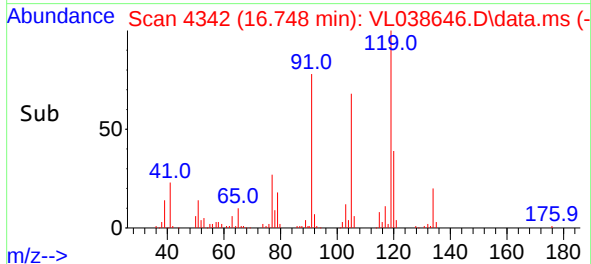
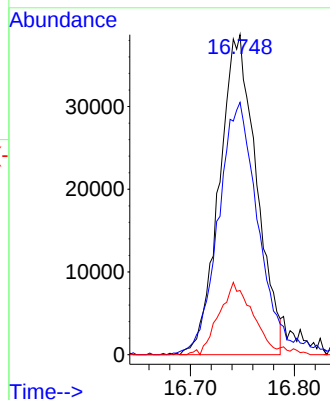
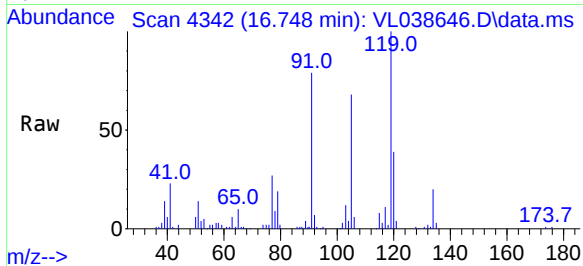
#65
tert-Butylbenzene
Concen: 0.430 ppbv
RT: 16.748 min Scan# 4119
Delta R.T. 0.019 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 119 Resp: 95974
Ion Ratio Lower Upper
119 100
91 86.7 61.2 91.8
134 21.4 16.2 24.2

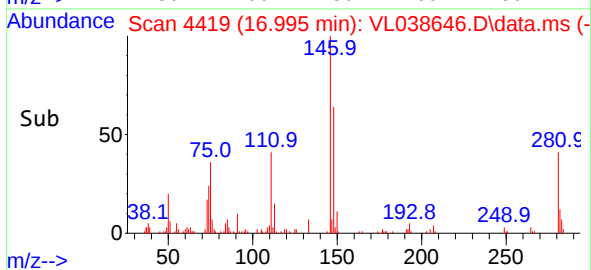
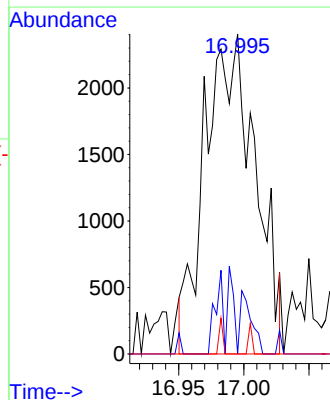
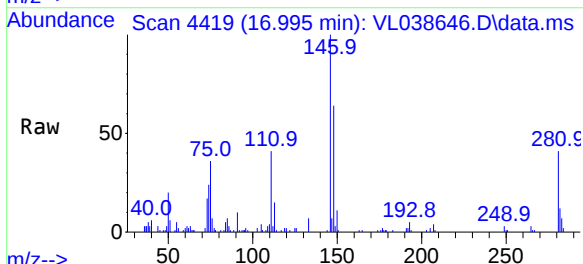
Manual Integrations
APPROVED

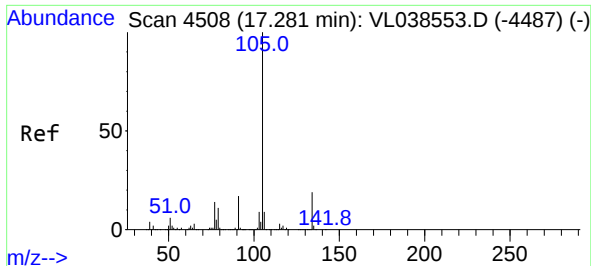
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#66
Benzyl Chloride
Concen: 0.487 ppbv m
RT: 16.995 min Scan# 4419
Delta R.T. 0.023 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

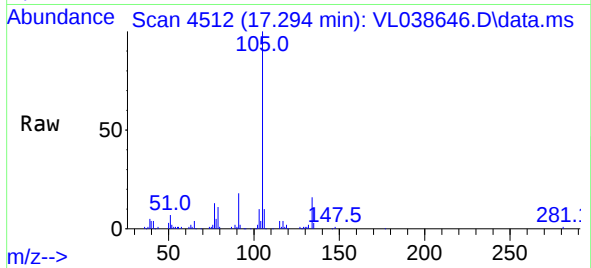
Tgt Ion: 91 Resp: 6442
Ion Ratio Lower Upper
91 100
126 12.2 14.1 21.1#
128 0.0 5.1 7.7#





#67
 sec-Butylbenzene
 Concen: 0.427 ppbv
 RT: 17.294 min Scan# 412
 Delta R.T. 0.013 min
 Lab File: VL038646.D
 Acq: 18 Mar 2022 4:17

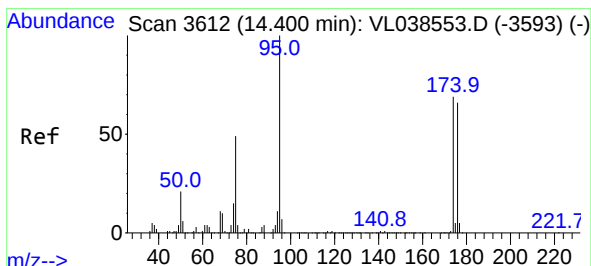
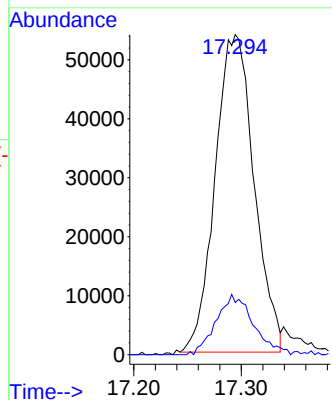
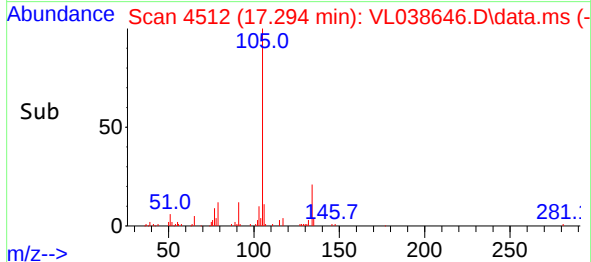
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2022DL



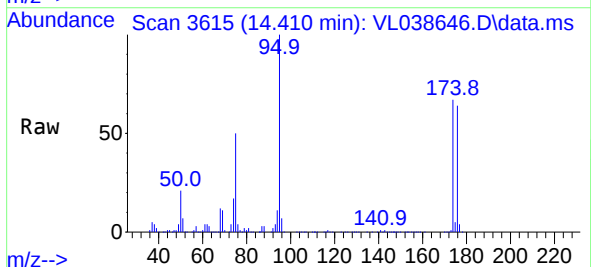
Tgt Ion:105 Resp: 13552
 Ion Ratio Lower Upper
 105 100
 134 18.4 15.0 22.6

Manual Integrations
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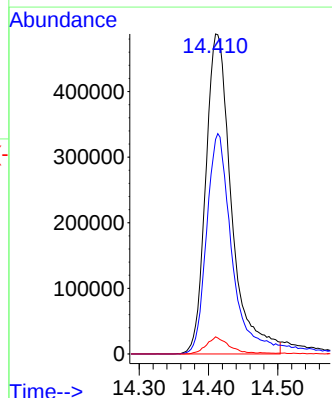
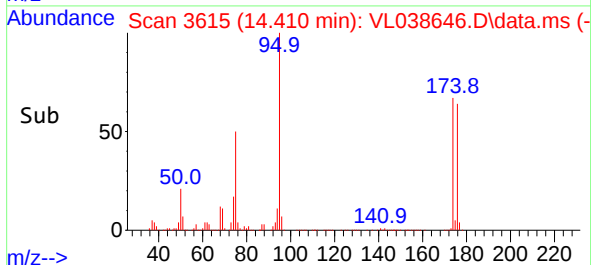
Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022

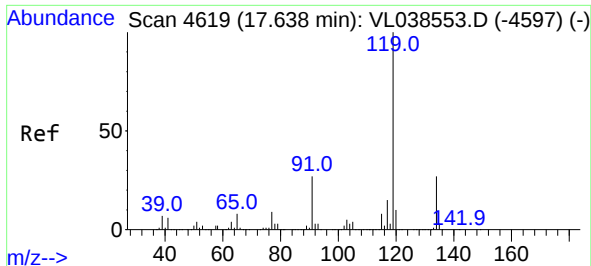


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.604 ppbv
 RT: 14.410 min Scan# 3615
 Delta R.T. 0.010 min
 Lab File: VL038646.D
 Acq: 18 Mar 2022 4:17



Tgt Ion: 95 Resp: 1261266
 Ion Ratio Lower Upper
 95 100
 174 71.0 56.2 84.4
 175 5.2 4.2 6.2





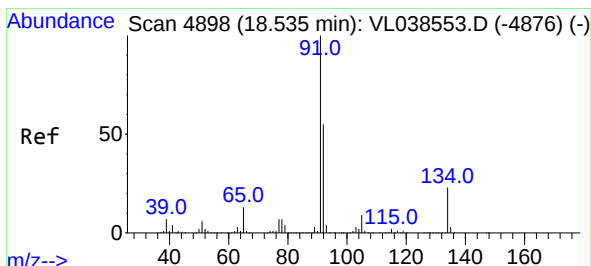
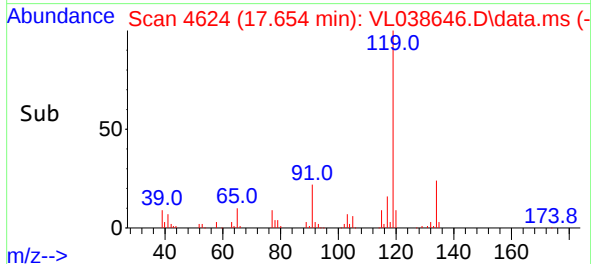
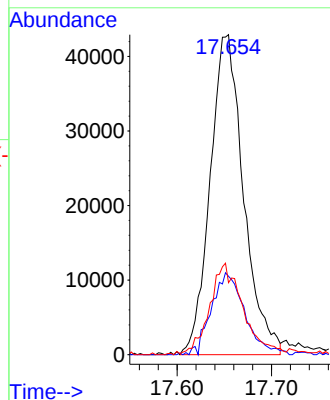
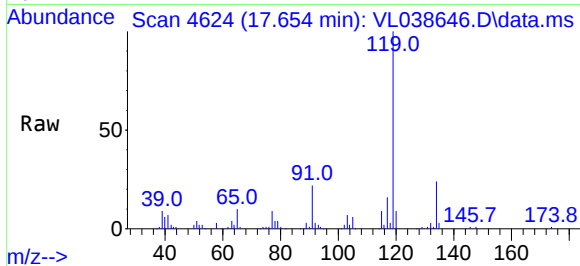
#69
p-Isopropyltoluene
Concen: 0.401 ppbv
RT: 17.654 min Scan# 40
Delta R.T. 0.016 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:119 Resp: 10535
Ion Ratio Lower Upper
119 100
134 26.0 20.9 31.3
91 29.5 21.1 31.7

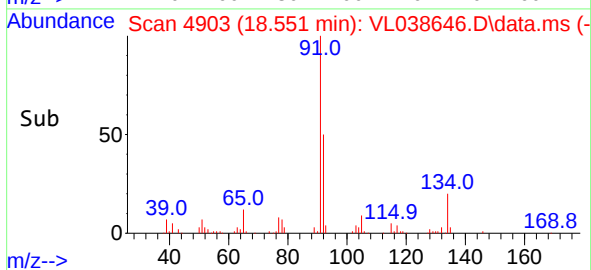
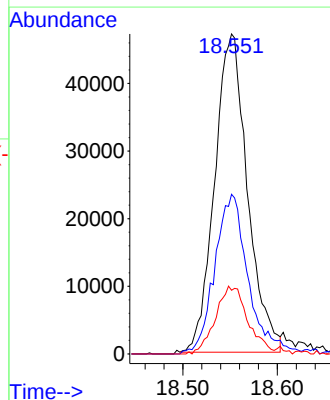
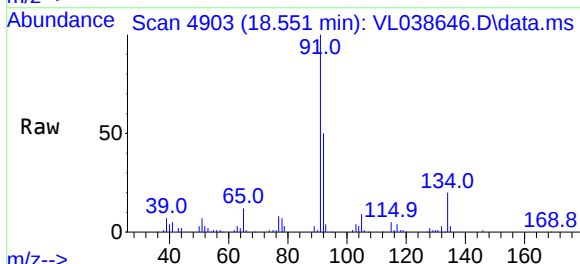
Manual Integrations
APPROVED

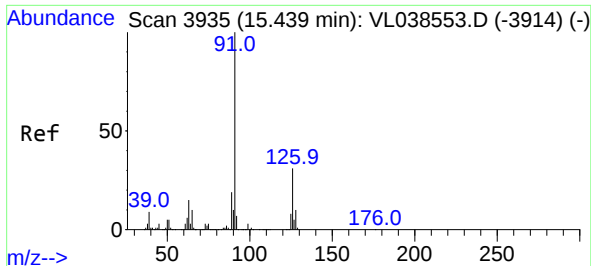
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#70
n-Butylbenzene
Concen: 0.406 ppbv
RT: 18.551 min Scan# 4903
Delta R.T. 0.016 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Tgt Ion: 91 Resp: 113683
Ion Ratio Lower Upper
91 100
92 51.7 43.8 65.8
134 21.9 18.7 28.1





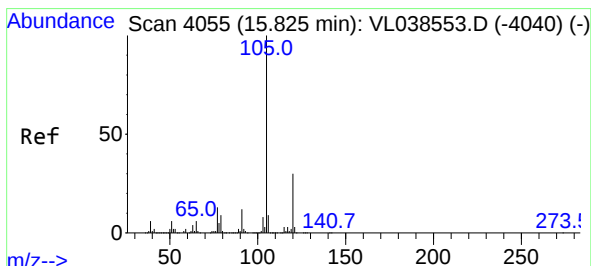
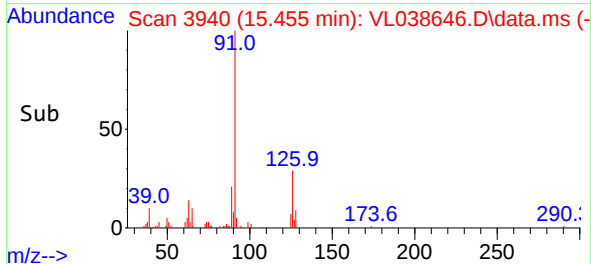
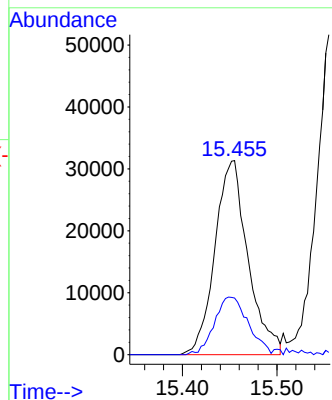
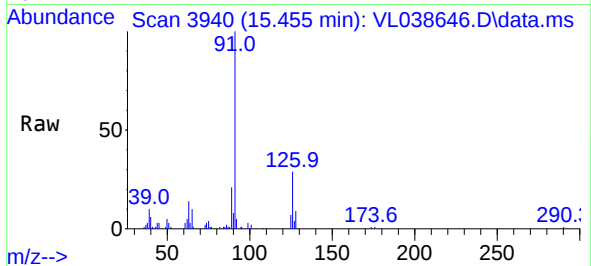
#71
2-Chlorotoluene
Concen: 0.411 ppbv
RT: 15.455 min Scan# 3935
Delta R.T. 0.016 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion: 91 Resp: 76124
Ion Ratio Lower Upper
91 100
126 32.0 12.9 51.7

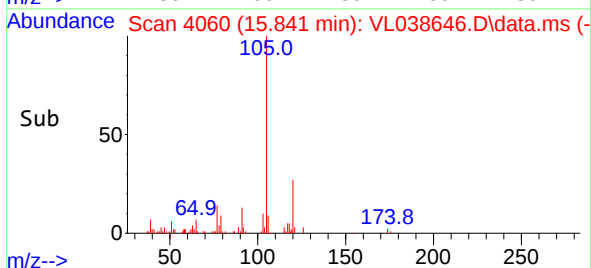
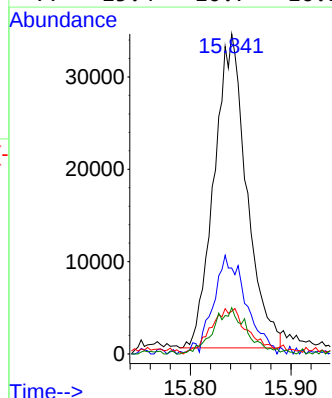
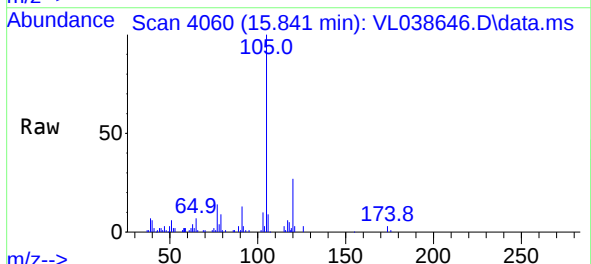
Manual Integrations
APPROVED

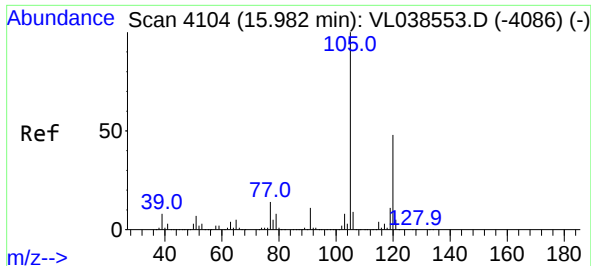
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#72
4-Ethyltoluene
Concen: 0.367 ppbv
RT: 15.841 min Scan# 4060
Delta R.T. 0.016 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

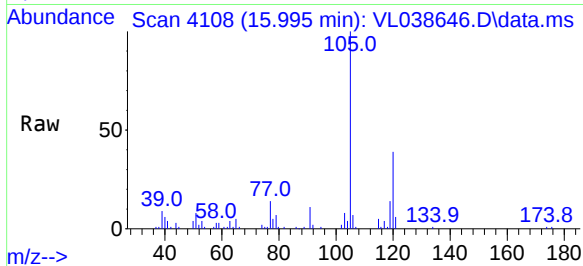
Tgt Ion:105 Resp: 76123
Ion Ratio Lower Upper
105 100
120 32.4 25.0 37.4
91 16.3 9.8 14.6#
77 15.4 10.7 16.1





#73
1,3,5-Trimethylbenzene
Concen: 0.395 ppbv
RT: 15.995 min Scan# 4108
Delta R.T. 0.013 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

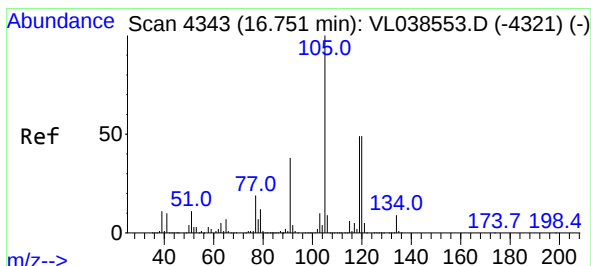
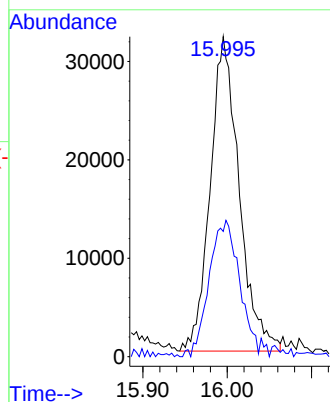
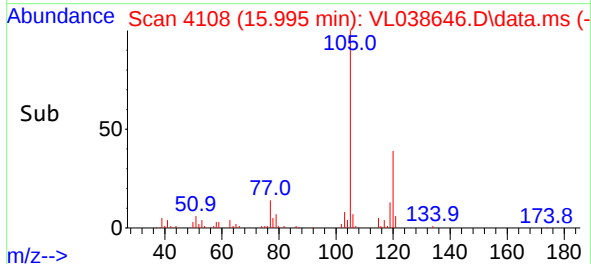
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



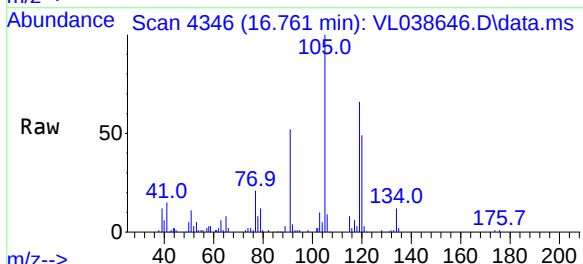
Tgt Ion:105 Resp: 7613
Ion Ratio Lower Upper
105 100
120 45.7 38.3 57.5

Manual Integrations
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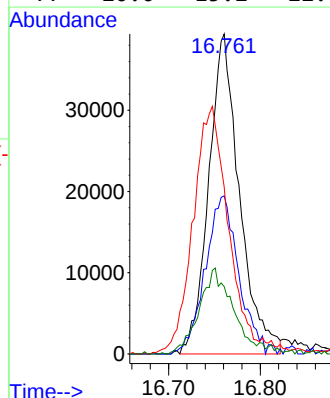
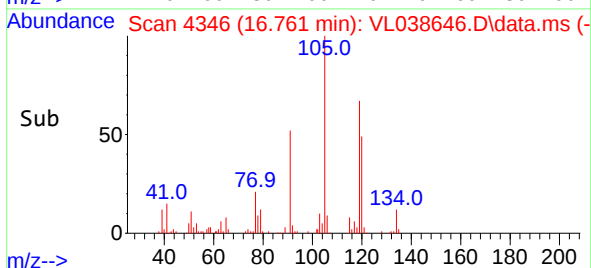
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

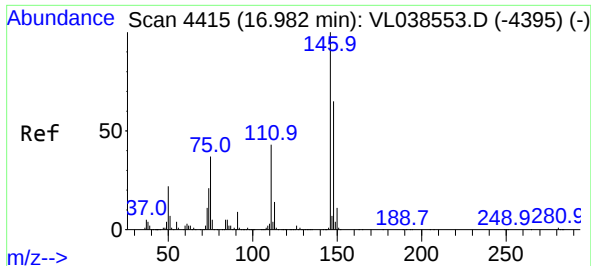


#74
1,2,4-Trimethylbenzene
Concen: 0.446 ppbv
RT: 16.761 min Scan# 4346
Delta R.T. 0.010 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17



Tgt Ion:105 Resp: 91774
Ion Ratio Lower Upper
105 100
120 50.9 38.9 58.3
91 49.2 30.6 46.0#
77 20.0 15.2 22.8





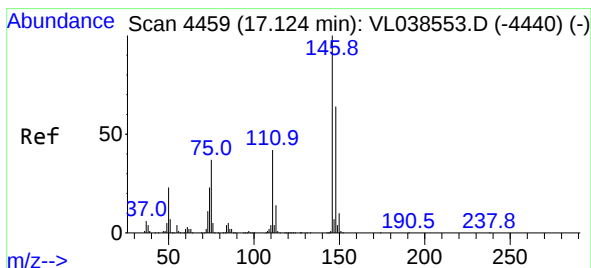
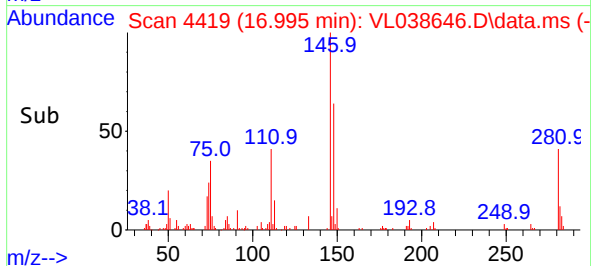
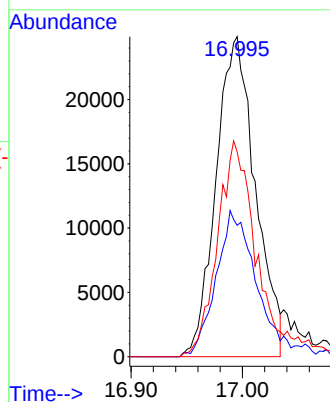
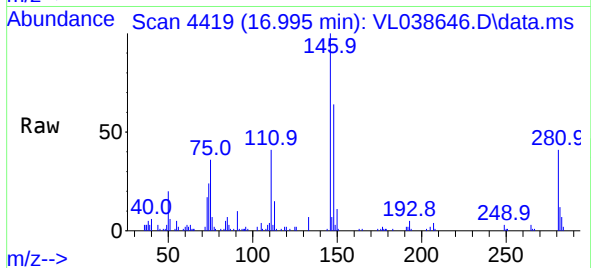
#75
1,3-Dichlorobenzene
Concen: 0.470 ppbv
RT: 16.995 min Scan# 4419
Delta R.T. 0.013 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:146 Resp: 61089
Ion Ratio Lower Upper
146 100
111 48.1 21.9 65.8
148 68.1 32.2 96.6

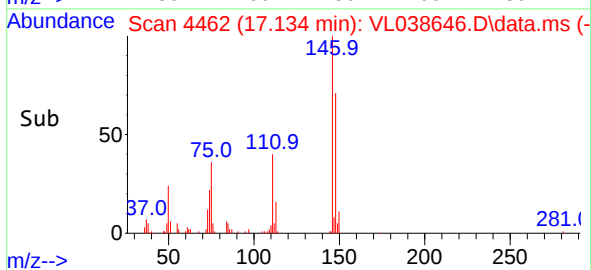
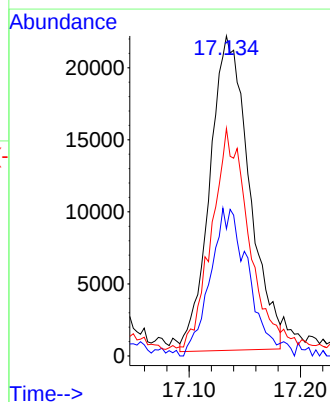
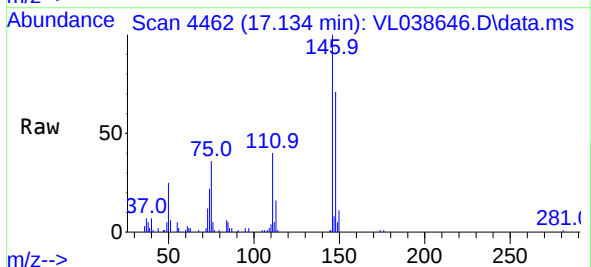
Manual Integrations
APPROVED

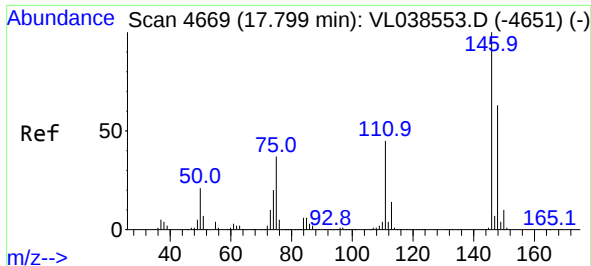
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#76
1,4-Dichlorobenzene
Concen: 0.418 ppbv
RT: 17.134 min Scan# 4462
Delta R.T. 0.010 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

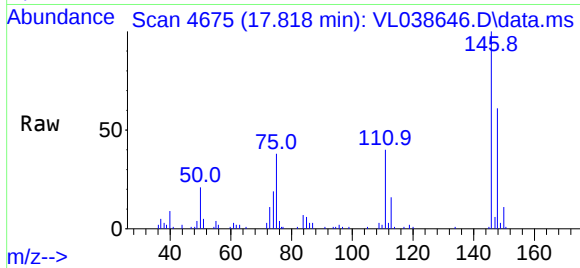
Tgt Ion:146 Resp: 53768
Ion Ratio Lower Upper
146 100
111 47.0 21.8 65.3
148 77.3 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 0.481 ppbv
RT: 17.818 min Scan# 4675
Delta R.T. 0.019 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

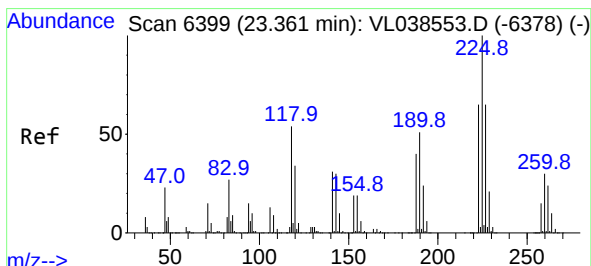
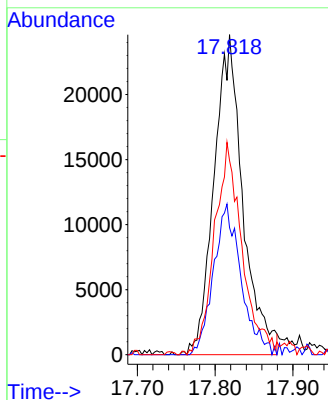
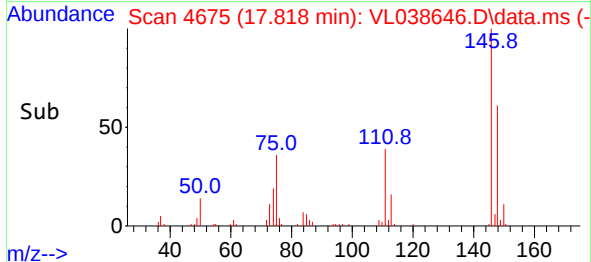
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



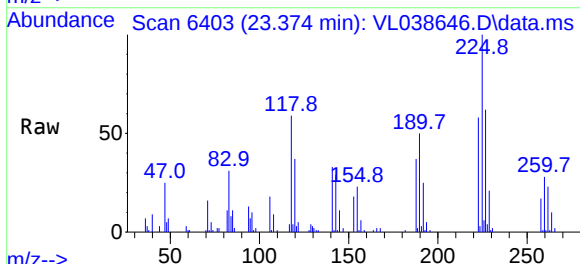
Tgt Ion:146 Resp: 6321
Ion Ratio Lower Upper
146 100
111 45.5 23.2 69.5
148 66.6 32.6 98.0

Manual Integrations
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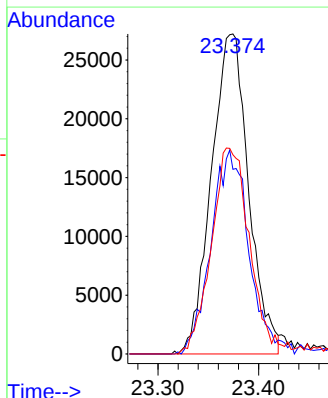
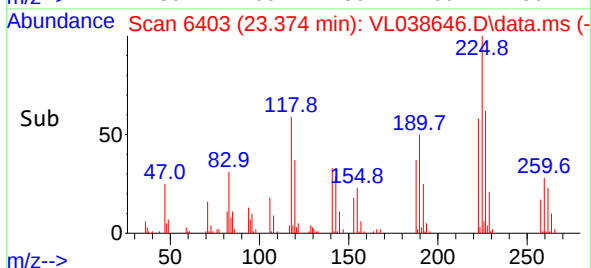
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

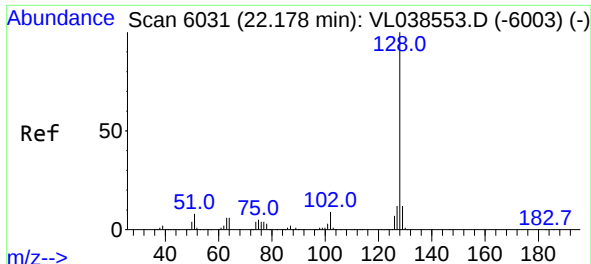


#78
Hexachloro-1,3-Butadiene
Concen: 0.545 ppbv
RT: 23.374 min Scan# 6403
Delta R.T. 0.013 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17



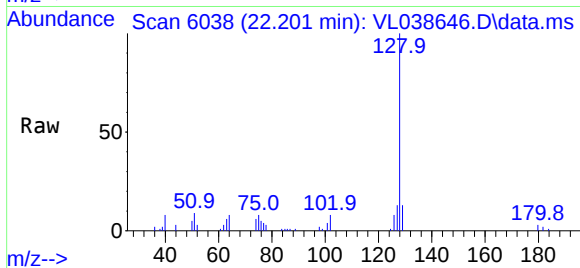
Tgt Ion:225 Resp: 69928
Ion Ratio Lower Upper
225 100
223 65.8 51.4 77.0
227 66.6 51.9 77.9





#79
Naphthalene
Concen: 0.310 ppbv
RT: 22.201 min Scan# 6038
Delta R.T. 0.023 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

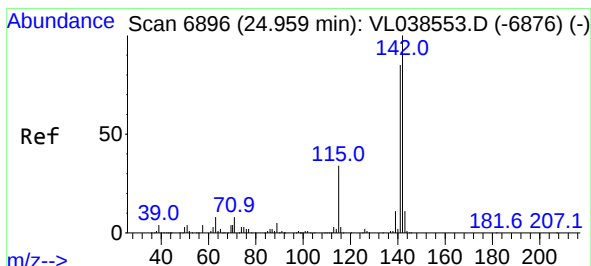
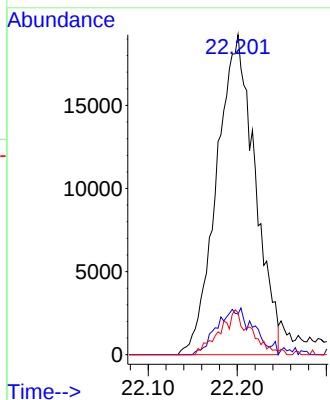
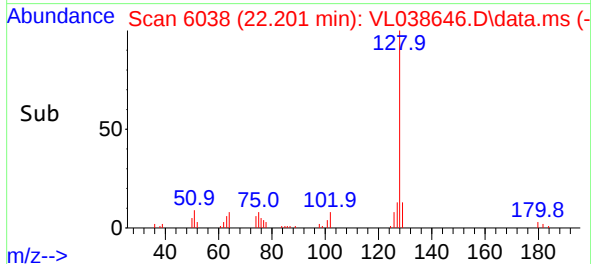
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



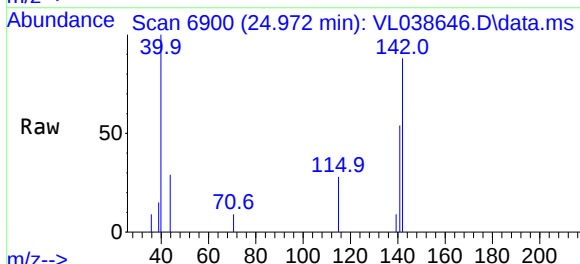
Tgt Ion:128 Resp: 5742
Ion Ratio Lower Upper
128 100
127 12.7 9.9 14.9
129 13.1 9.3 13.9

Manual Integrations
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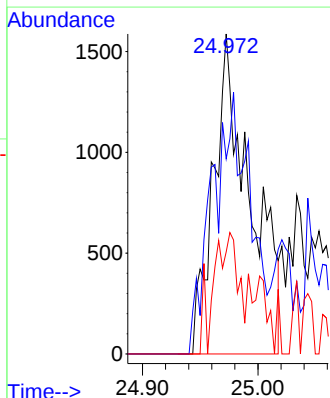
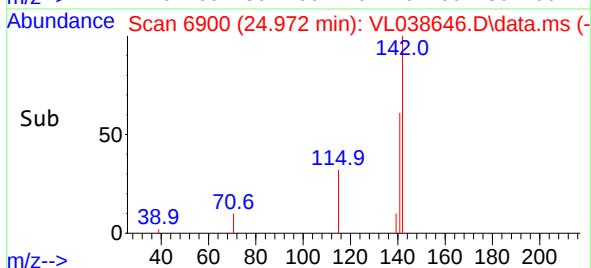
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



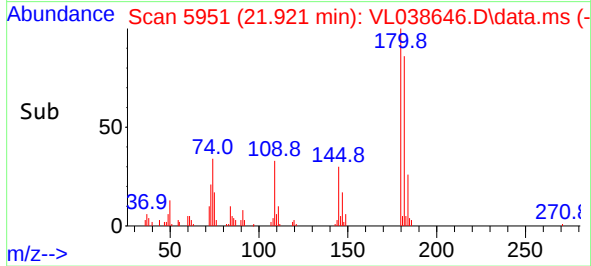
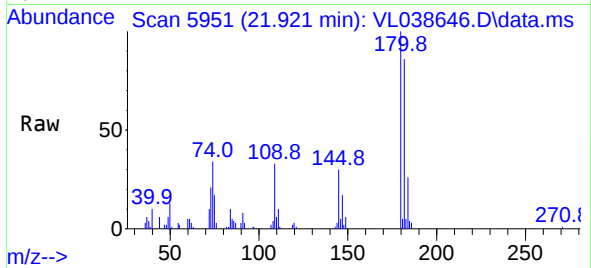
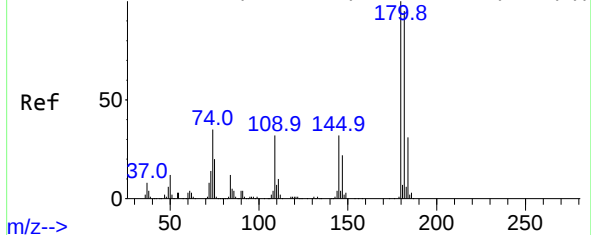
#80
Naphthalene,2-methyl-
Concen: 0.107 ppbv
RT: 24.972 min Scan# 6900
Delta R.T. 0.013 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17



Tgt Ion:142 Resp: 3500
Ion Ratio Lower Upper
142 100
141 84.1 68.4 102.6
115 38.5 27.9 41.9



Abundance Scan 5947 (21.908 min): VL038553.D (-5923) (-)



#81
1,2,4-Trichlorobenzene
Concen: 0.378 ppbv
RT: 21.921 min Scan# 5951
Delta R.T. 0.013 min
Lab File: VL038646.D
Acq: 18 Mar 2022 4:17

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL

Tgt Ion:180	Resp:	4472
Ion Ratio	Lower	Upper
180	100	
182	98.9	79.1 118.7
184	31.0	25.0 37.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

