

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031722\
 Data File : VL038645.D
 Acq On : 18 Mar 2022 3:39
 Operator : SY/AP
 Sample : N1645-15 0.4 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Mar 18 04:54:58 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)

Internal Standards						
1) Bromochloromethane	5.671	49	799499	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	7.176	114	2048258	10.000	ppbv	0.01
55) Chlorobenzene-d5	12.085	117	1725700	10.000	ppbv	# 0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.413 95 1285109 9.795 ppbv 0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.054	85	51921	0.430	ppbv	95
3) Chlorodifluoromethane	2.993	51	66023	0.468	ppbv	99
4) Chloromethane	3.144	50	22949	0.439	ppbv	97
5) Vinyl Chloride	3.266	62	23323m	0.445	ppbv	
6) Bromomethane	3.478	94	11379	0.404	ppbv	89
7) Chloroethane	3.565	64	7688m	0.453	ppbv	
8) Dichlorotetrafluoroethane	3.192	85	55240	0.472	ppbv	95
9) Propene	3.015	41	22054	0.443	ppbv	99
10) Heptane	8.124	43	41480	0.349	ppbv	87
11) Trichlorofluoromethane	3.954	101	49963	0.472	ppbv	93
12) 1,1,2-Trichlorotrifluo...	4.484	101	38343	0.466	ppbv	98
14) Bromoethene	3.742	108	15204	0.433	ppbv	94
15) Acetone	3.874	43	26399	0.468	ppbv #	87
16) 1,3-Butadiene	3.327	39	18967	0.419	ppbv	95
17) tert-Butyl alcohol	4.317	59	28140m	0.459	ppbv	
18) 1,1-Dichloroethene	4.288	96	15128	0.411	ppbv #	72
19) Isopropyl Alcohol	3.993	45	16555m	0.440	ppbv	
20) Methylene Chloride	4.349	84	16262	0.479	ppbv	90
21) Allyl Chloride	4.414	41	21287	0.392	ppbv	92
22) trans-1,2-Dichloroethene	4.890	96	15290	0.396	ppbv	98
23) Vinyl Acetate	5.082	43	31420	0.389	ppbv #	96
24) 1,1-Dichloroethane	5.009	63	33553	0.456	ppbv	98
25) Ethyl Acetate	5.687	43	78286	0.412	ppbv	95
26) Hexane	5.690	57	36681	0.411	ppbv	89
27) Carbon Disulfide	4.552	76	31695	0.357	ppbv	97
28) Methyl tert-Butyl Ether	5.050	73	30336	0.418	ppbv	94
29) Chloroform	5.751	83	64466	0.464	ppbv	99
30) Cyclohexane	7.131	84	31965m	0.414	ppbv	
31) cis-1,2-Dichloroethene	5.549	61	33366	0.391	ppbv	90
32) 1,1,1-Trichloroethane	6.513	97	59885	0.445	ppbv	100
34) 2-Butanone	5.266	43	21577	0.406	ppbv #	86
35) Carbon Tetrachloride	7.021	117	59071	0.423	ppbv	97
36) Benzene	6.893	78	75184	0.407	ppbv	96
37) 1,2-Dichloroethane	6.304	62	39262	0.445	ppbv	98
38) Trichloroethene	7.835	130	28953	0.392	ppbv	91
39) 1,2-Dichloropropane	7.616	63	28868	0.406	ppbv	96
40) 1,4-Dioxane	7.873	88	5069m	0.285	ppbv	
41) Tetrahydrofuran	6.079	42	14061m	0.324	ppbv	
42) Bromodichloromethane	7.796	83	57112	0.408	ppbv	97
43) Methyl Methacrylate	8.028	69	21169m	0.334	ppbv	
44) 2,2,4-Trimethylpentane	7.870	57	119664	0.383	ppbv	93
45) t-1,3-Dichloropropene	9.285	75	13258m	0.290	ppbv	
46) cis-1,3-Dichloropropene	8.703	75	19849	0.317	ppbv	97

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

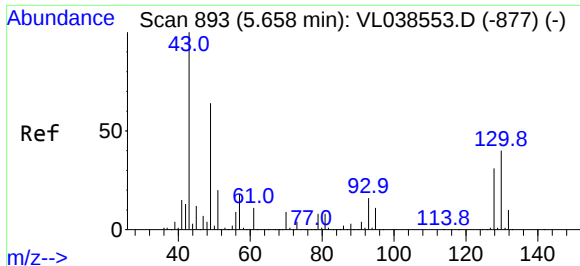
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022

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

Response via : Initial Calibration

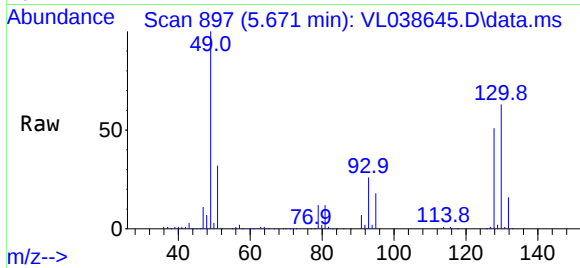
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	9.475	97	31787	0.439	ppbv	97
48) Dibromochloromethane	10.304	129	41335	0.359	ppbv	97
49) Bromoform	13.037	173	27279	0.310	ppbv	96
50) 4-Methyl-2-Pentanone	8.770	43	30717	0.282	ppbv	95
51) 2-Hexanone	10.163	43	12993m	0.283	ppbv	
52) Tetrachloroethene	11.224	164	25939m	0.383	ppbv	
53) Toluene	9.806	91	65482	0.332	ppbv	98
54) 1,2-Dibromoethane	10.610	107	36448	0.352	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.124	131	34735	0.494	ppbv #	1
57) Chlorobenzene	12.147	112	61585	0.467	ppbv #	96
58) Ethyl Benzene	12.712	91	79849	0.357	ppbv	97
59) m/p-Xylene	12.999	91	145801m	0.762	ppbv	
60) o-Xylene	13.693	91	66529	0.368	ppbv	99
61) Styrene	13.529	104	24472m	0.275	ppbv	
62) Isopropylbenzene	14.667	105	96510	0.387	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.680	83	62953	0.413	ppbv	95
64) n-propylbenzene	15.558	120	23180m	0.365	ppbv	
65) tert-Butylbenzene	16.748	119	90362m	0.405	ppbv	
66) Benzyl Chloride	16.986	91	5995m	0.454	ppbv	
67) sec-Butylbenzene	17.294	105	124304	0.392	ppbv	98
69) p-Isopropyltoluene	17.654	119	95971	0.366	ppbv	95
70) n-Butylbenzene	18.548	91	102271	0.366	ppbv	95
71) 2-Chlorotoluene	15.458	91	69473m	0.375	ppbv	
72) 4-Ethyltoluene	15.844	105	73955m	0.356	ppbv	
73) 1,3,5-Trimethylbenzene	15.998	105	72092m	0.374	ppbv	
74) 1,2,4-Trimethylbenzene	16.767	105	81543m	0.396	ppbv	
75) 1,3-Dichlorobenzene	16.998	146	55545	0.428	ppbv	95
76) 1,4-Dichlorobenzene	17.143	146	53777m	0.418	ppbv	
77) 1,2-Dichlorobenzene	17.818	146	53480	0.407	ppbv	91
78) Hexachloro-1,3-Butadiene	23.371	225	63994	0.500	ppbv	99
79) Naphthalene	22.198	128	53423m	0.289	ppbv	
80) Naphthalene,2-methyl-	24.976	142	2416	0.074	ppbv #	81
81) 1,2,4-Trichlorobenzene	21.924	180	39798m	0.336	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 89
Delta R.T. 0.013 min
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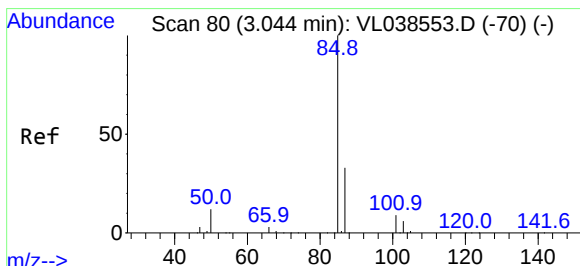
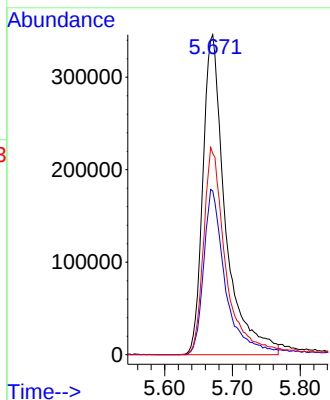
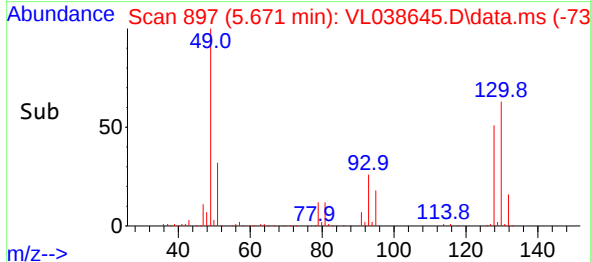
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



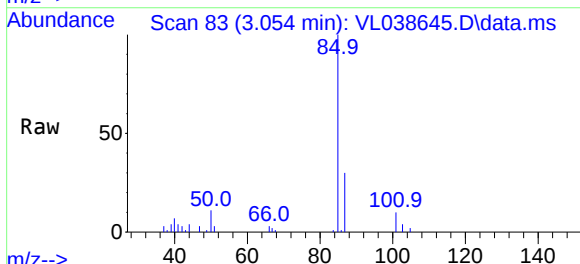
Tgt Ion: 49 Resp: 799499
Ion Ratio Lower Upper
49 100
128 51.7 26.4 79.2
130 66.7 33.0 98.9

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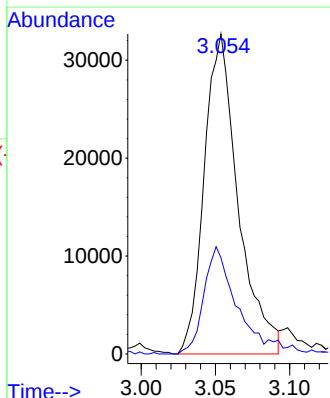
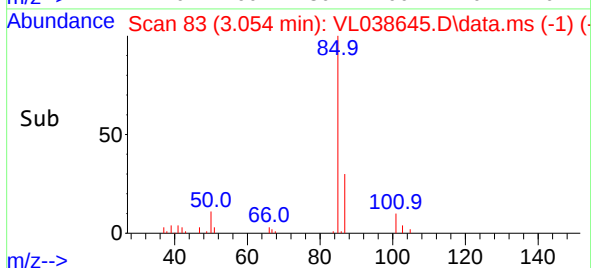
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

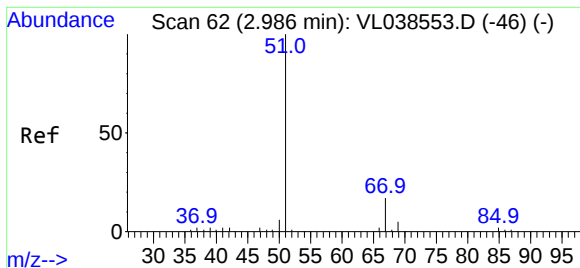


#2
Dichlorodifluoromethane
Concen: 0.430 ppbv
RT: 3.054 min Scan# 83
Delta R.T. 0.010 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39



Tgt Ion: 85 Resp: 51921
Ion Ratio Lower Upper
85 100
87 30.0 26.2 39.2





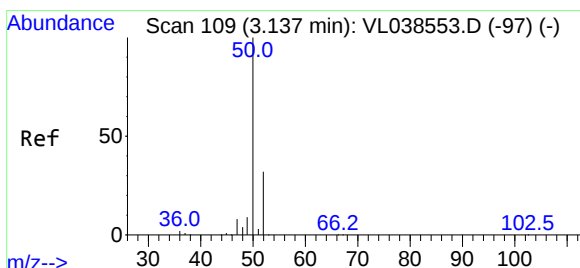
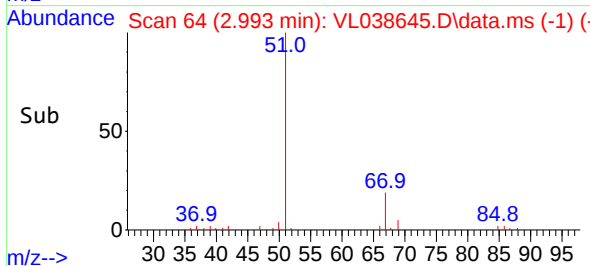
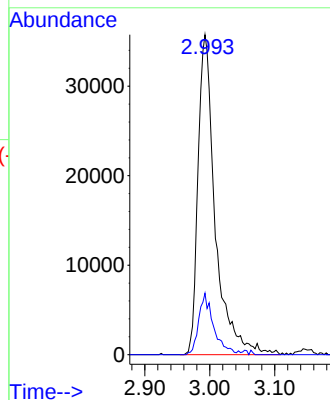
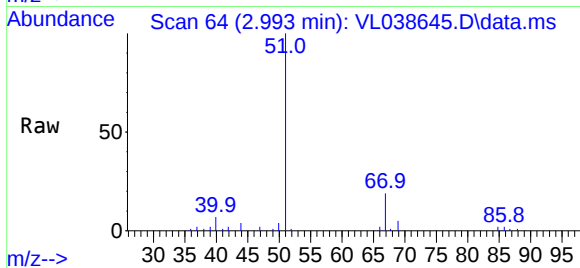
#3
Chlorodifluoromethane
Concen: 0.468 ppbv
RT: 2.993 min Scan# 64
Delta R.T. 0.006 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

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

Tgt Ion: 51 Resp: 6602
Ion Ratio Lower Upper
51 100
67 17.4 13.6 20.4

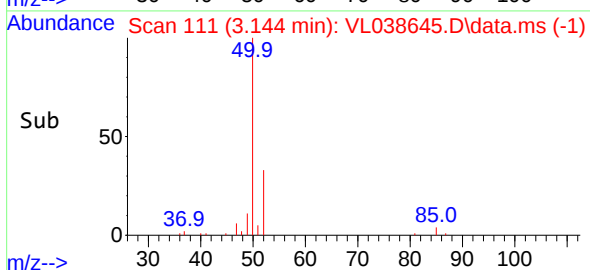
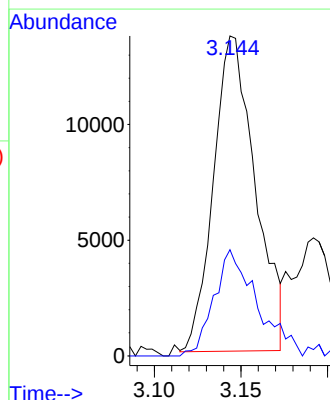
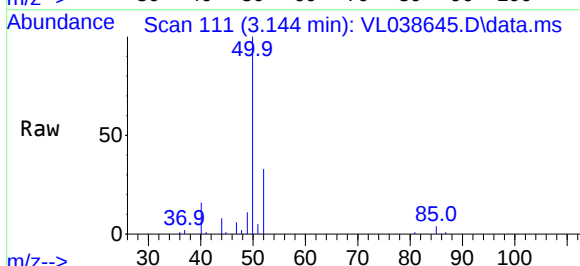
Manual Integrations
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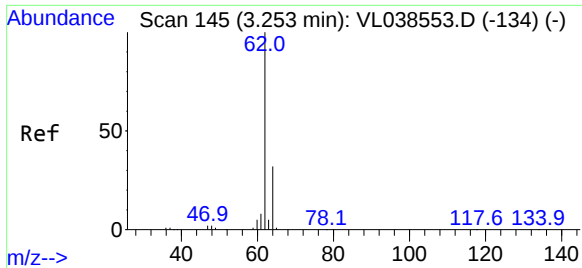
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#4
Chloromethane
Concen: 0.439 ppbv
RT: 3.144 min Scan# 111
Delta R.T. 0.006 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

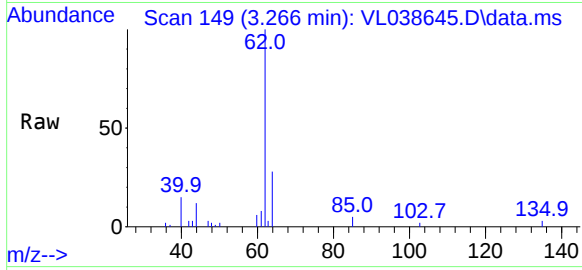
Tgt Ion: 50 Resp: 22949
Ion Ratio Lower Upper
50 100
52 33.8 25.6 38.4





#5
 Vinyl Chloride
 Concen: 0.445 ppbv m
 RT: 3.266 min Scan# 145
 Delta R.T. 0.013 min
 Lab File: VL038645.D
 Acq: 18 Mar 2022 3:39

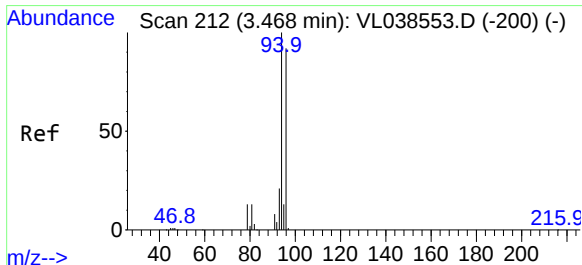
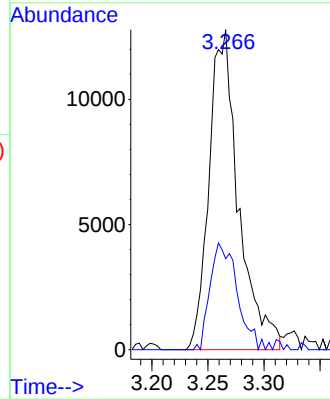
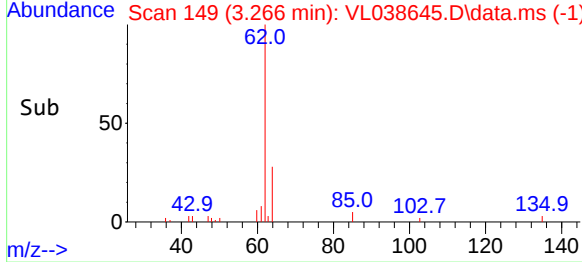
Instrument : MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT1-2022DL



Tgt Ion: 62 Resp: 2332
 Ion Ratio Lower Upper
 62 100
 64 28.4 25.8 38.6

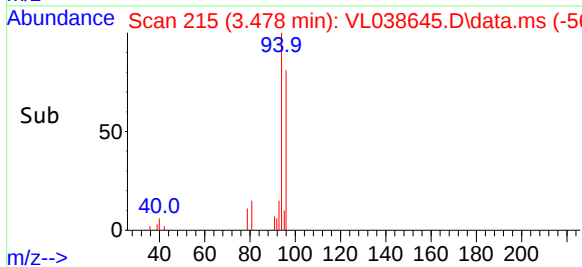
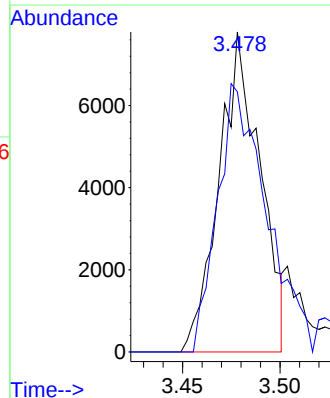
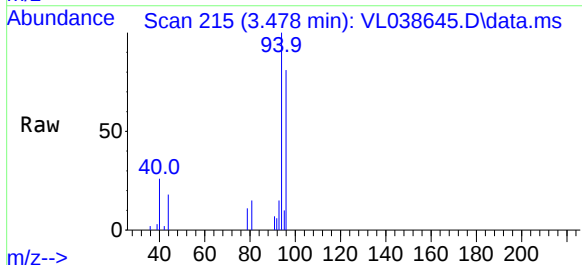
Manual Integrations
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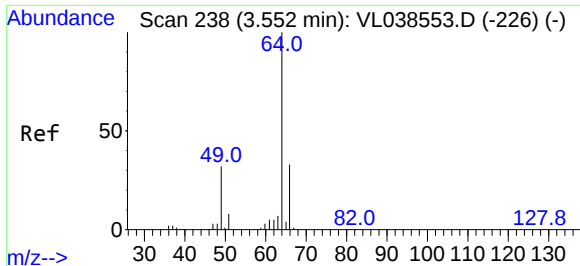
Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#6
 Bromomethane
 Concen: 0.404 ppbv
 RT: 3.478 min Scan# 215
 Delta R.T. 0.010 min
 Lab File: VL038645.D
 Acq: 18 Mar 2022 3:39

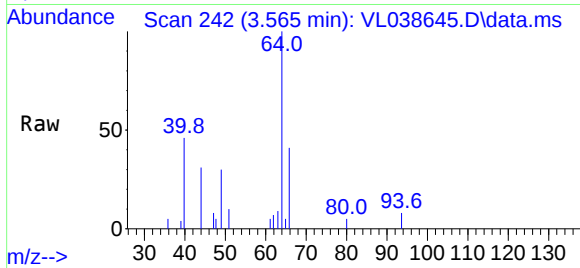
Tgt Ion: 94 Resp: 11379
 Ion Ratio Lower Upper
 94 100
 96 81.3 73.7 110.5





#7
Chloroethane
Concen: 0.453 ppbv m
RT: 3.565 min Scan# 24
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

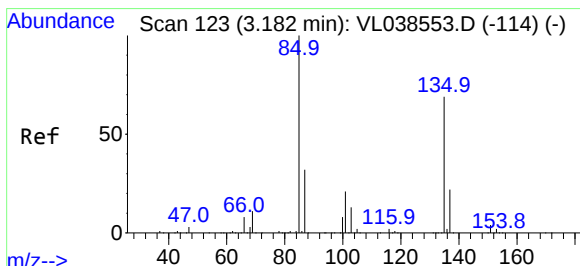
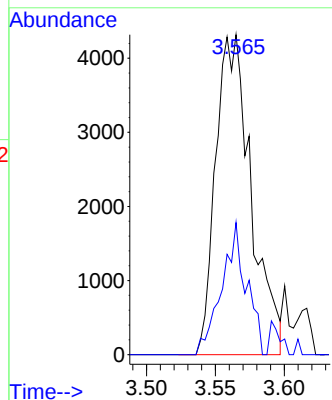
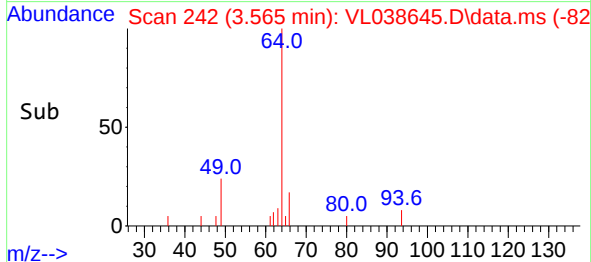
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



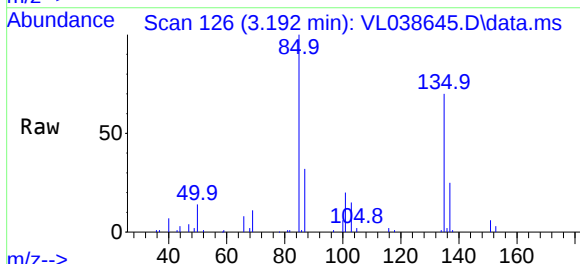
Tgt Ion: 64 Resp: 768
Ion Ratio Lower Upper
64 100
66 41.3 26.6 39.8

Manual Integrations
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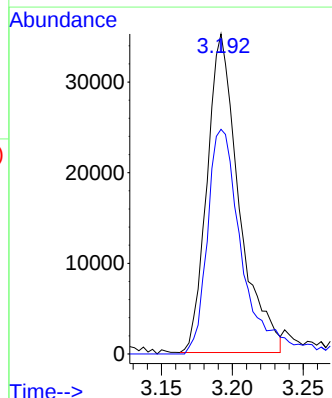
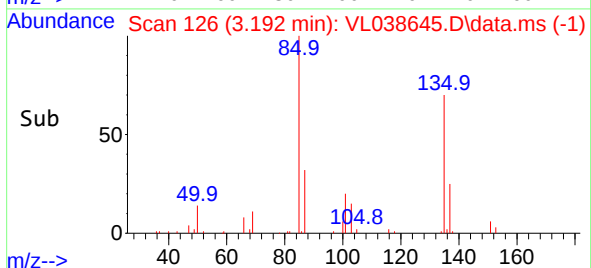
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Supervised By :Mahesh Dadoda 03/21/2022

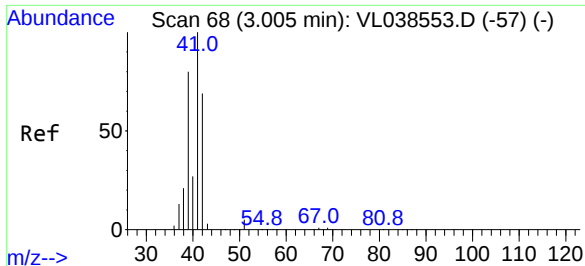


#8
Dichlorotetrafluoroethane
Concen: 0.472 ppbv
RT: 3.192 min Scan# 126
Delta R.T. 0.010 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39



Tgt Ion: 85 Resp: 55240
Ion Ratio Lower Upper
85 100
135 77.7 59.0 88.4





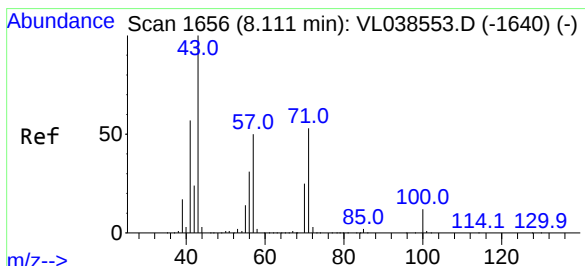
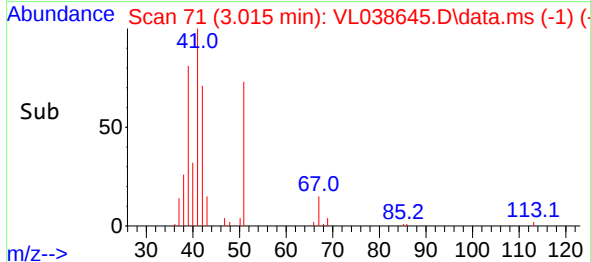
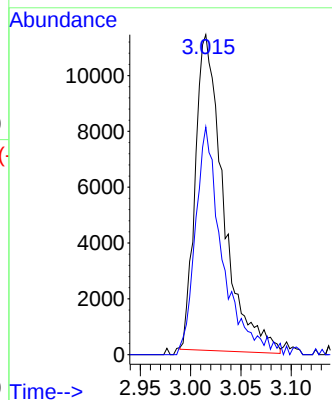
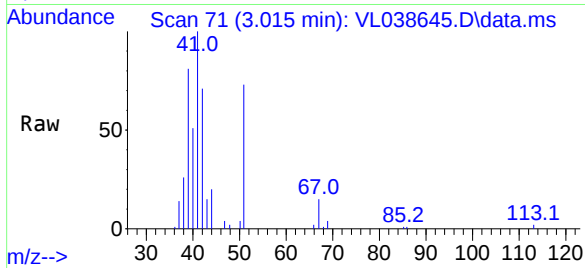
#9
Propene
Concen: 0.443 ppbv
RT: 3.015 min Scan# 71
Delta R.T. 0.010 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

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

Tgt Ion: 41 Resp: 22054
Ion Ratio Lower Upper
41 100
42 70.2 55.7 83.5

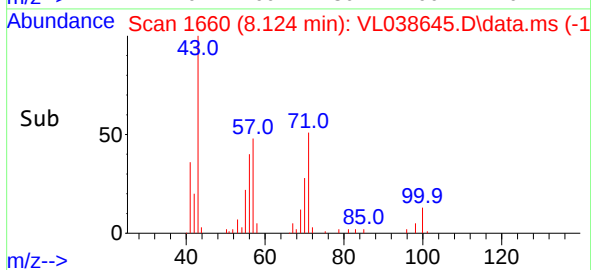
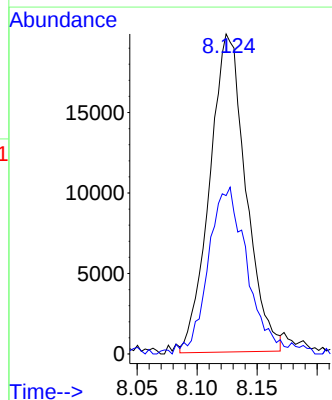
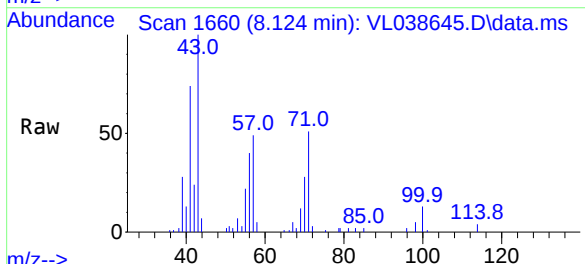
Manual Integrations
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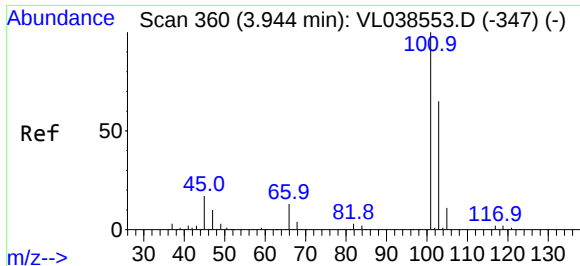
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#10
Heptane
Concen: 0.349 ppbv
RT: 8.124 min Scan# 1660
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

Tgt Ion: 43 Resp: 41480
Ion Ratio Lower Upper
43 100
57 58.5 39.6 59.4





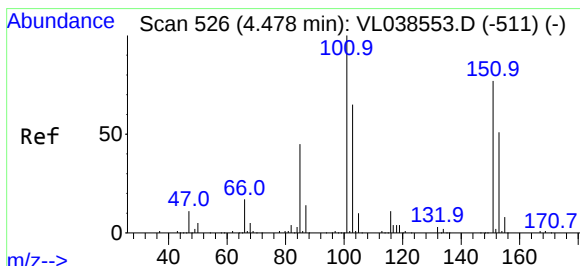
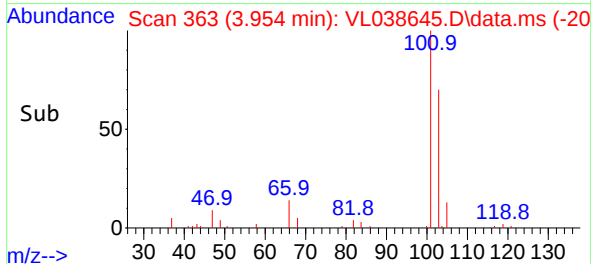
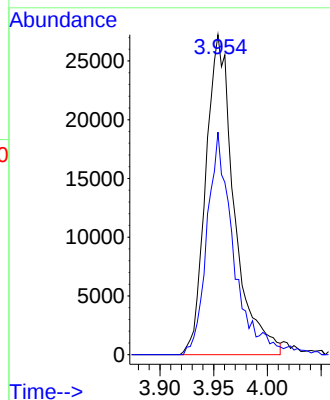
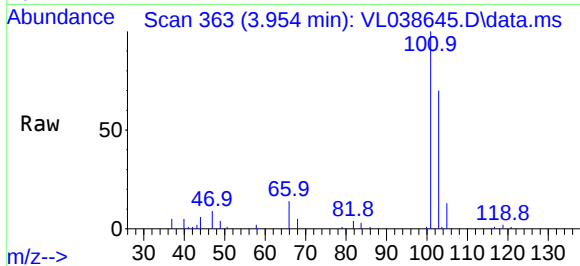
#11
Trichlorofluoromethane
Concen: 0.472 ppbv
RT: 3.954 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

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

Tgt Ion:101 Resp: 4996
Ion Ratio Lower Upper
101 100
103 70.3 52.0 78.0

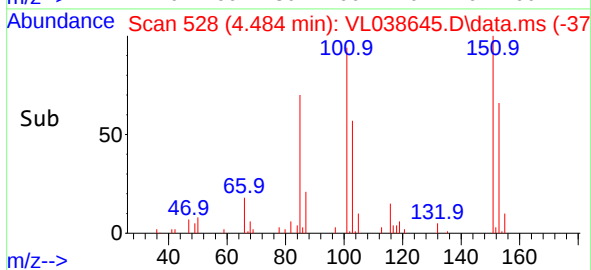
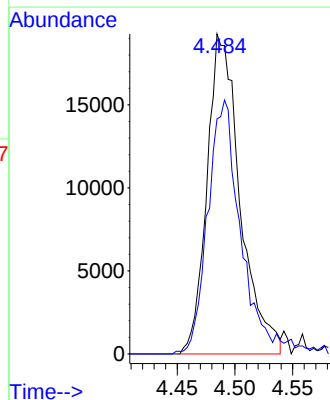
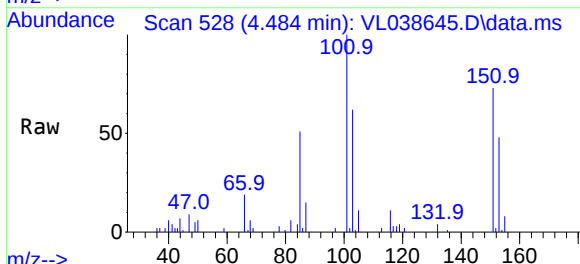
Manual Integrations
APPROVED

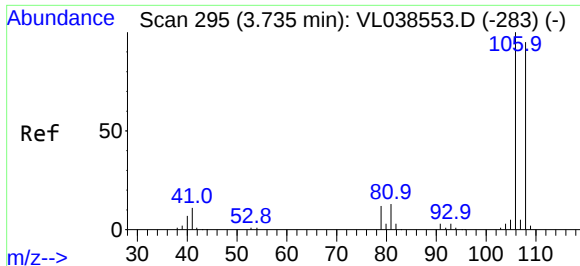
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.466 ppbv
RT: 4.484 min Scan# 528
Delta R.T. 0.006 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

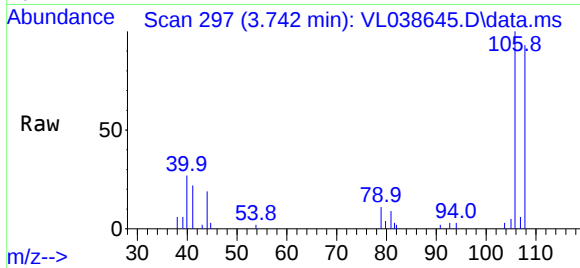
Tgt Ion:101 Resp: 38343
Ion Ratio Lower Upper
101 100
151 81.3 63.4 95.0





#14
Bromoethene
Concen: 0.433 ppbv
RT: 3.742 min Scan# 295
Delta R.T. 0.006 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

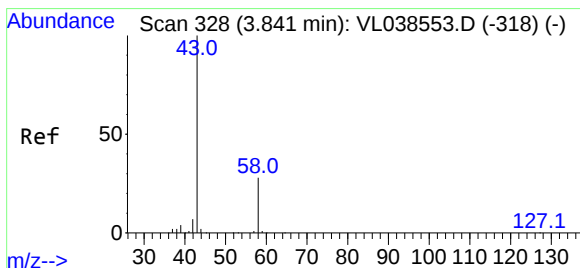
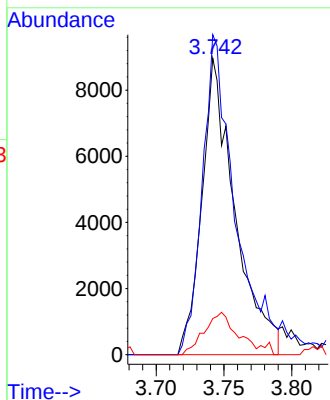
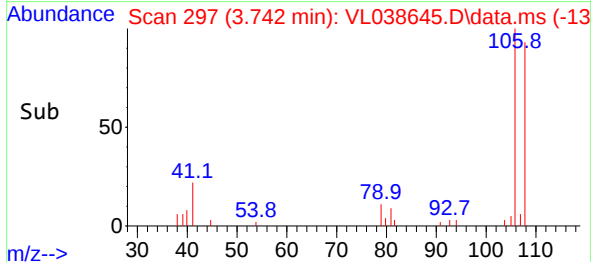
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



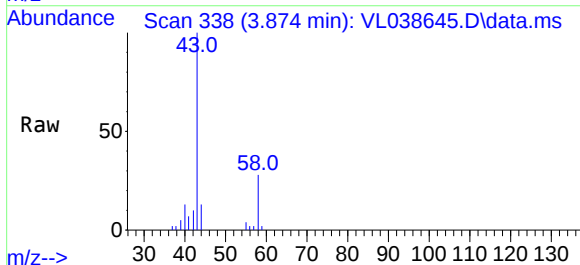
Tgt Ion:108 Resp: 15204
Ion Ratio Lower Upper
108 100
106 113.8 85.9 128.9
79 15.2 11.0 16.6

Manual Integrations
APPROVED

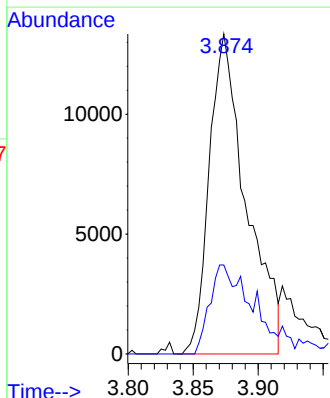
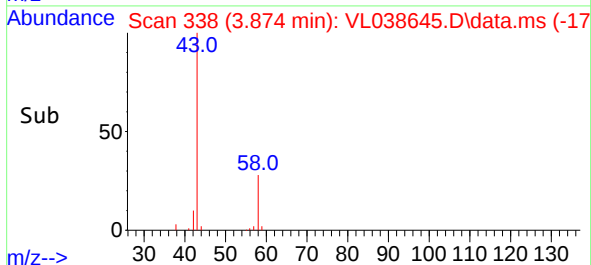
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

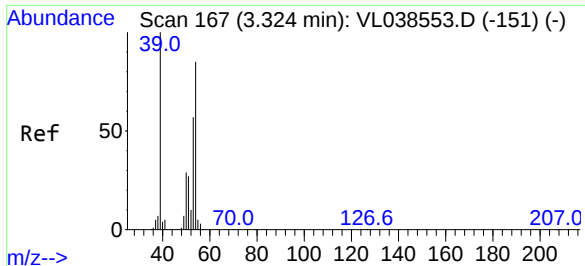


#15
Acetone
Concen: 0.468 ppbv
RT: 3.874 min Scan# 338
Delta R.T. 0.032 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39



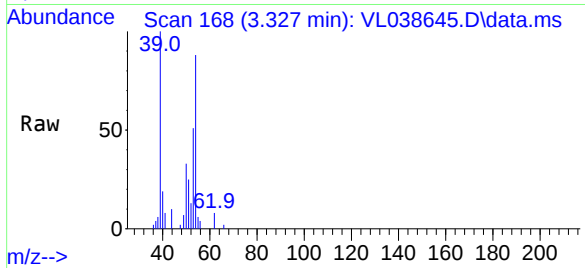
Tgt Ion: 43 Resp: 26399
Ion Ratio Lower Upper
43 100
58 35.4 22.7 34.1#





#16
1,3-Butadiene
Concen: 0.419 ppbv
RT: 3.327 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

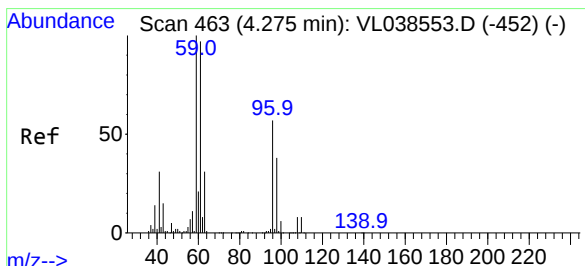
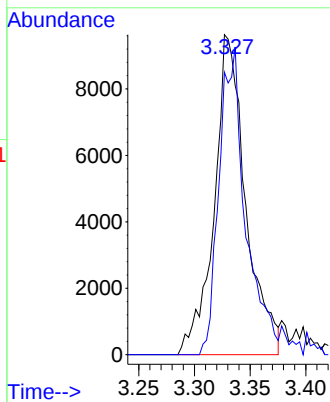
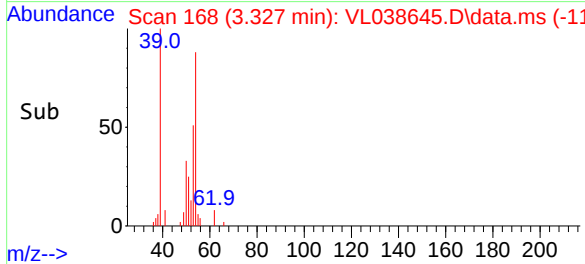
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



Tgt Ion: 39 Resp: 1896
Ion Ratio Lower Upper
39 100
54 85.0 64.2 96.2

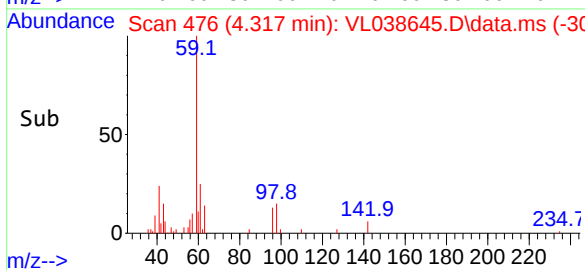
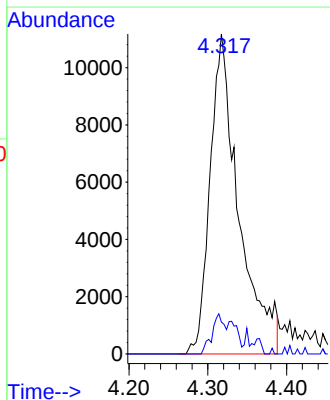
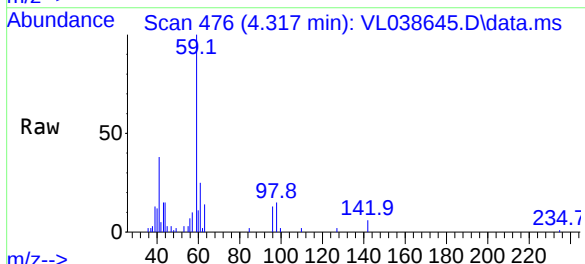
Manual Integrations
APPROVED

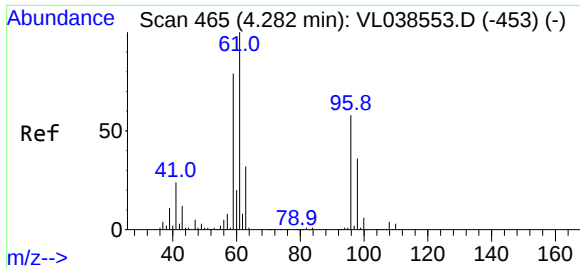
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#17
tert-Butyl alcohol
Concen: 0.459 ppbv m
RT: 4.317 min Scan# 476
Delta R.T. 0.042 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

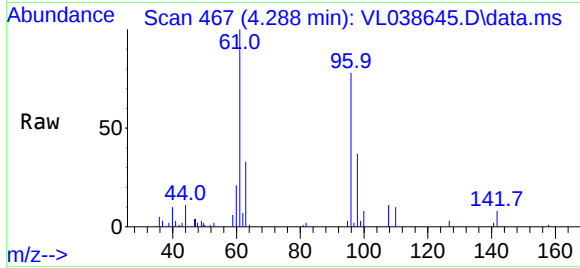
Tgt Ion: 59 Resp: 28140
Ion Ratio Lower Upper
59 100
57 11.8 8.1 12.1





#18
1,1-Dichloroethene
Concen: 0.411 ppbv
RT: 4.288 min Scan# 401
Delta R.T. 0.006 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

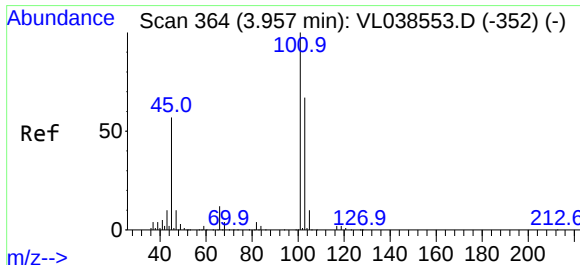
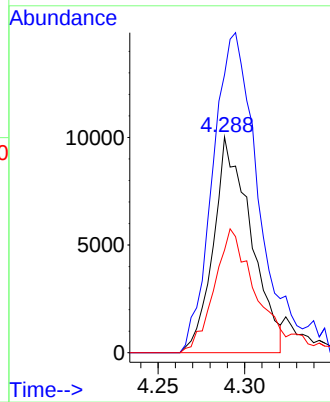
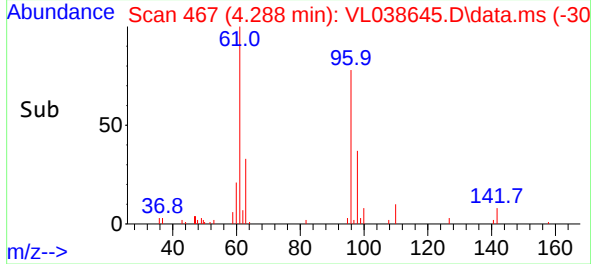
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



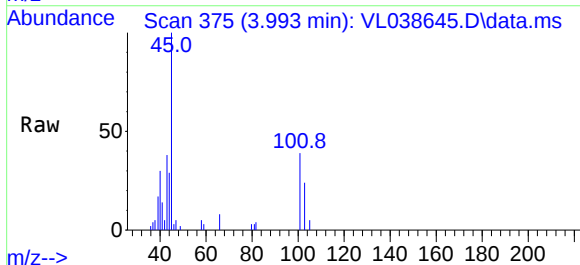
Tgt Ion: 96 Resp: 15128
Ion Ratio Lower Upper
96 100
61 128.9 137.4 206.0
98 47.6 49.3 73.9

Manual Integrations
APPROVED

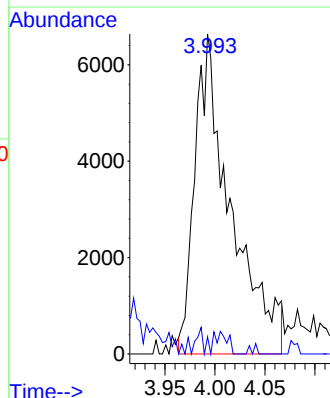
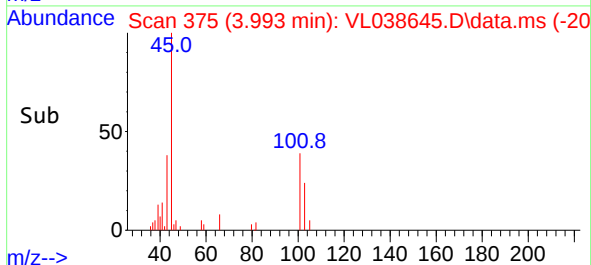
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

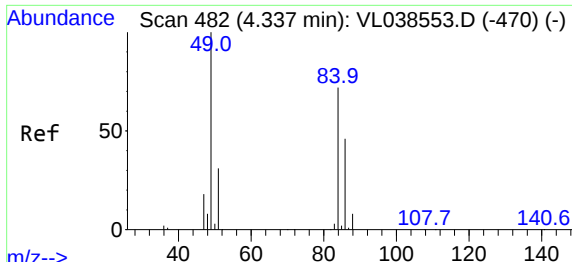


#19
Isopropyl Alcohol
Concen: 0.440 ppbv m
RT: 3.993 min Scan# 375
Delta R.T. 0.035 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39



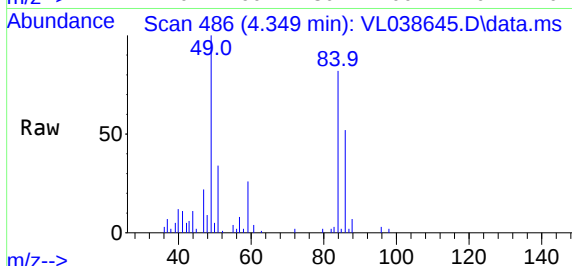
Tgt Ion: 45 Resp: 16555
Ion Ratio Lower Upper
45 100
58 0.0 2.2 3.2#





#20
Methylene Chloride
Concen: 0.479 ppbv
RT: 4.349 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

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

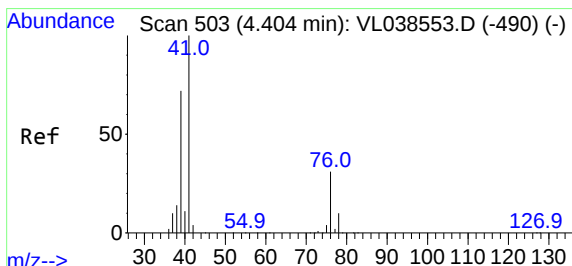
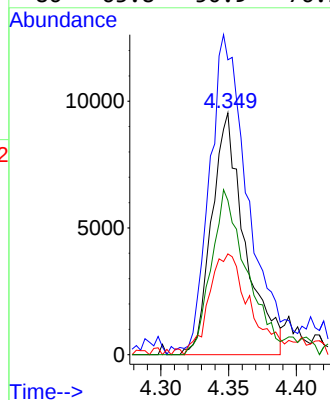
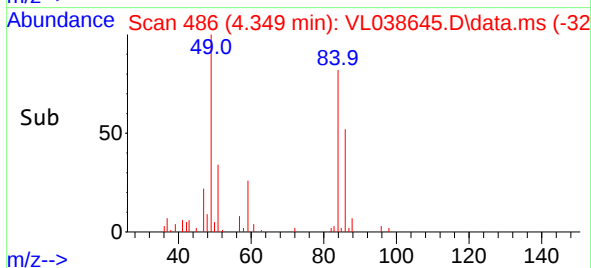


Tgt Ion: 84 Resp: 1626

Ion	Ratio	Lower	Upper
84	100		
49	119.0	111.1	166.7
51	39.5	34.0	51.0
86	63.8	50.9	76.3

Manual Integrations
APPROVED

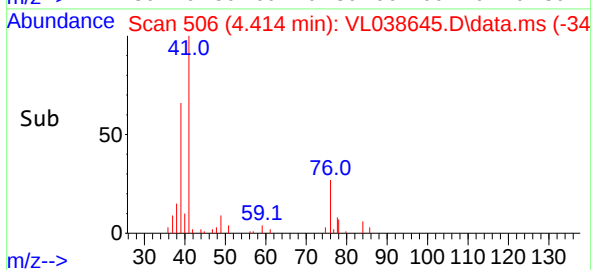
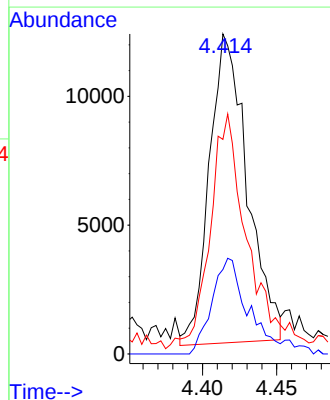
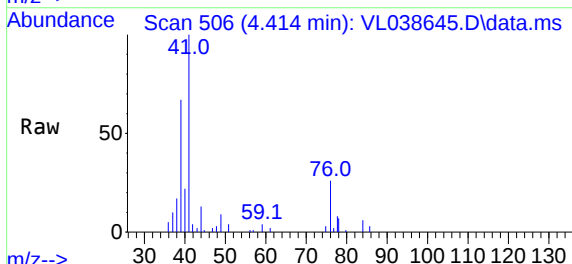
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

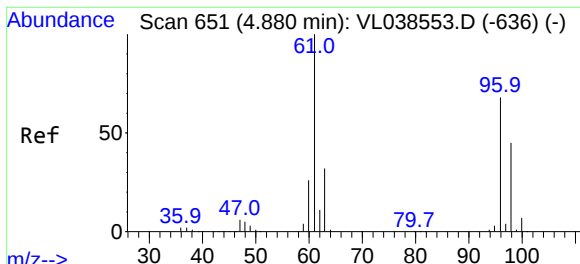


#21
Allyl Chloride
Concen: 0.392 ppbv
RT: 4.414 min Scan# 506
Delta R.T. 0.010 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

Tgt Ion: 41 Resp: 21287

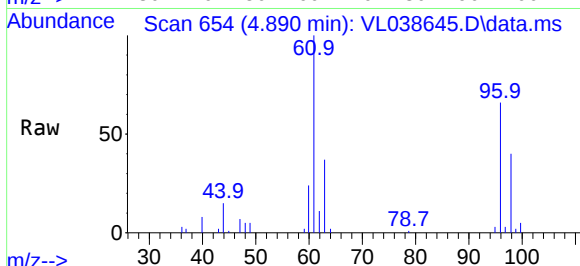
Ion	Ratio	Lower	Upper
41	100		
76	31.2	24.3	36.5
39	80.7	57.1	85.7





#22
trans-1,2-Dichloroethene
Concen: 0.396 ppbv
RT: 4.890 min Scan# 614
Delta R.T. 0.010 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

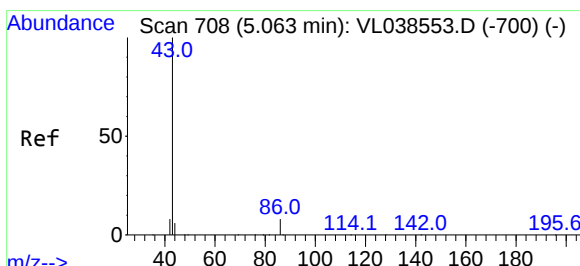
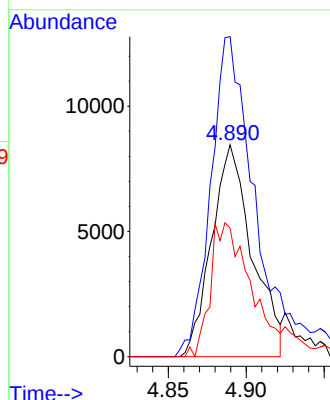
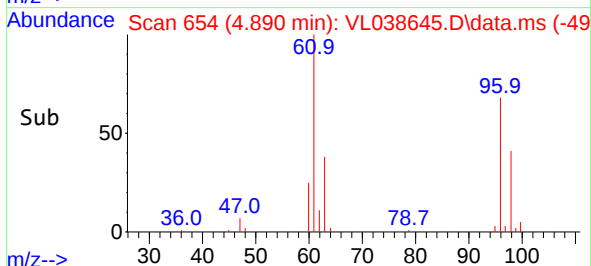
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



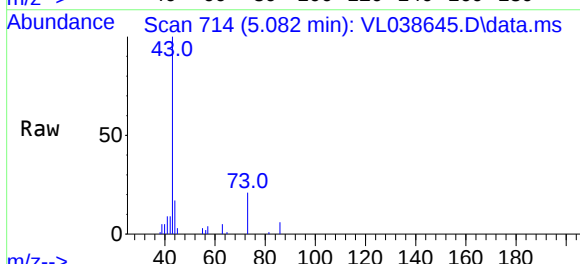
Tgt Ion: 96 Resp: 15290
Ion Ratio Lower Upper
96 100
61 147.7 117.6 176.4
98 60.6 52.6 78.8

Manual Integrations
APPROVED

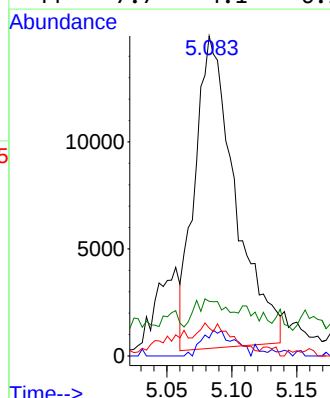
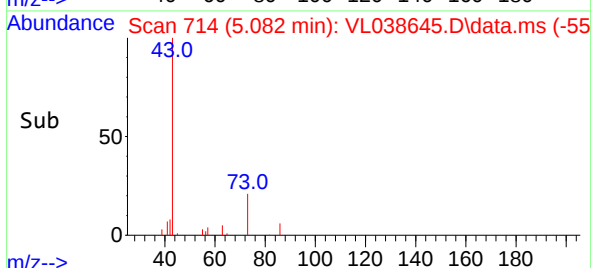
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

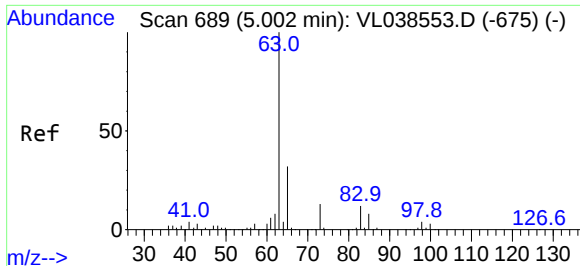


#23
Vinyl Acetate
Concen: 0.389 ppbv
RT: 5.082 min Scan# 714
Delta R.T. 0.019 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39



Tgt Ion: 43 Resp: 31420
Ion Ratio Lower Upper
43 100
86 6.4 5.6 8.4
42 10.0 7.1 10.7
44 7.7 4.1 6.1#





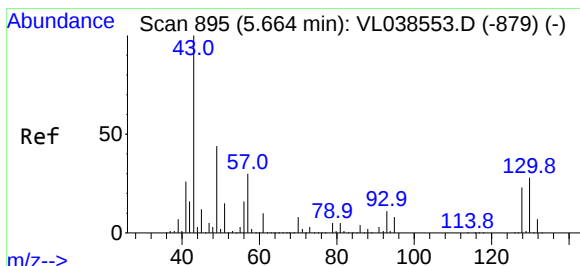
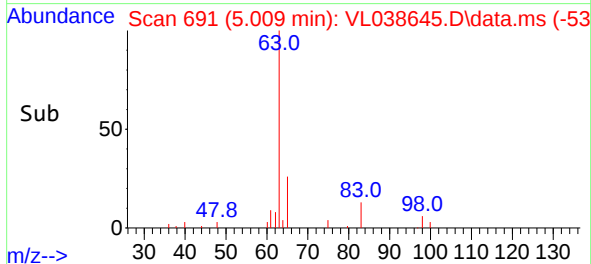
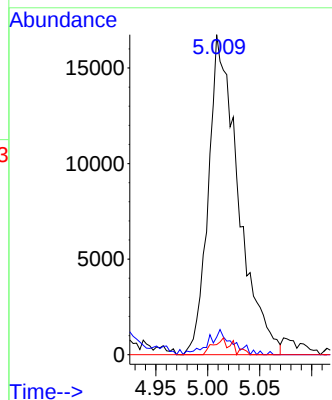
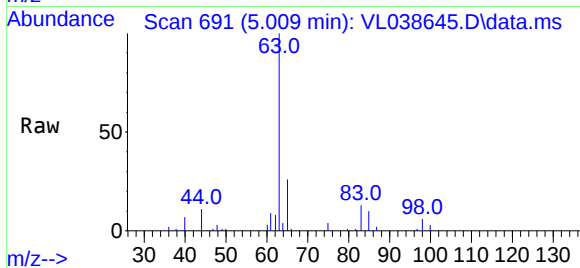
#24
1,1-Dichloroethane
Concen: 0.456 ppbv
RT: 5.009 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

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

Tgt Ion: 63 Resp: 3355
Ion Ratio Lower Upper
63 100
98 5.5 2.2 6.6
100 3.1 1.5 4.5

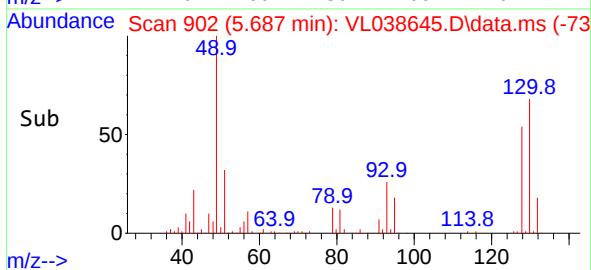
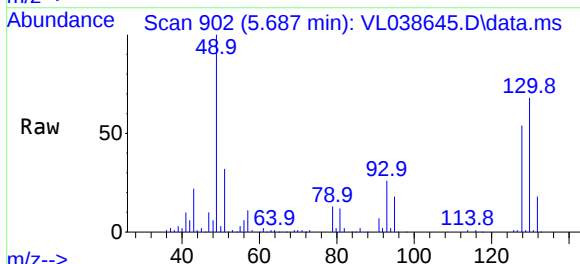
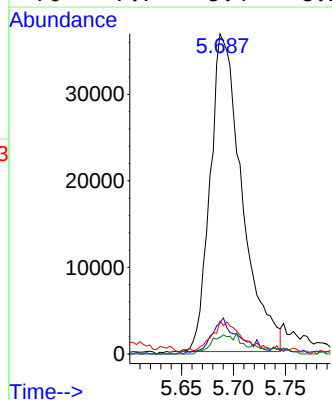
Manual Integrations
APPROVED

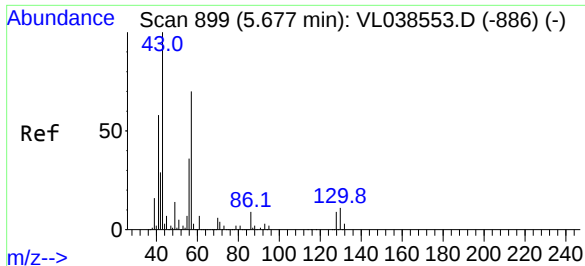
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#25
Ethyl Acetate
Concen: 0.412 ppbv
RT: 5.687 min Scan# 902
Delta R.T. 0.023 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

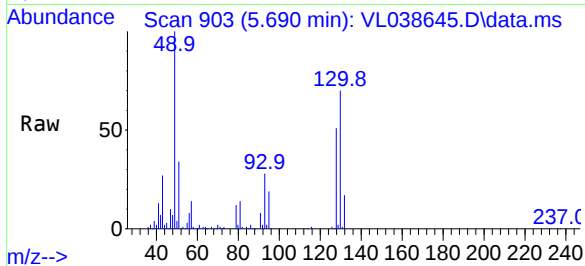
Tgt Ion: 43 Resp: 78286
Ion Ratio Lower Upper
43 100
45 11.9 8.0 12.0
61 12.2 8.2 12.4
70 7.7 5.4 8.2





#26
Hexane
Concen: 0.411 ppbv
RT: 5.690 min Scan# 903
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

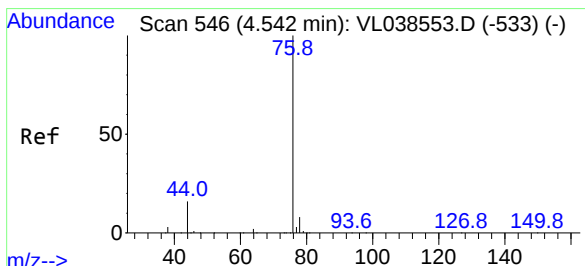
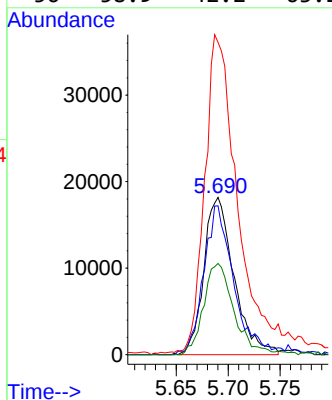
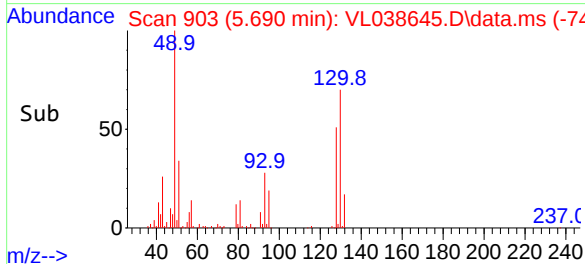
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



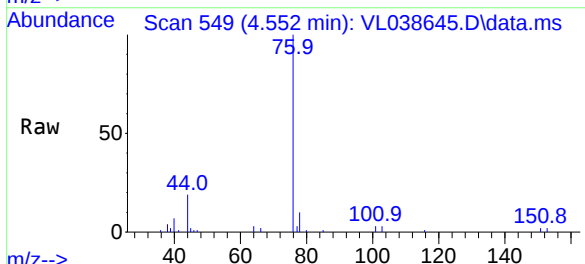
Tgt Ion: 57 Resp: 3668
Ion Ratio Lower Upper
57 100
41 97.5 67.8 101.6
43 233.8 173.6 260.4
56 58.9 42.2 63.2

Manual Integrations
APPROVED

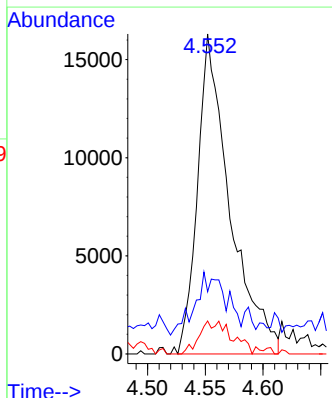
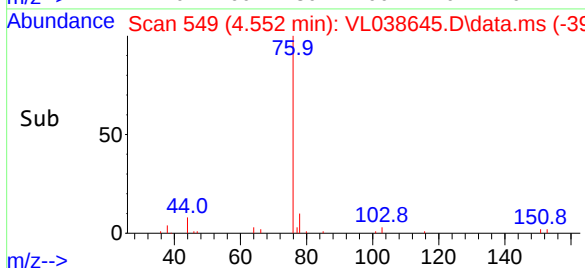
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

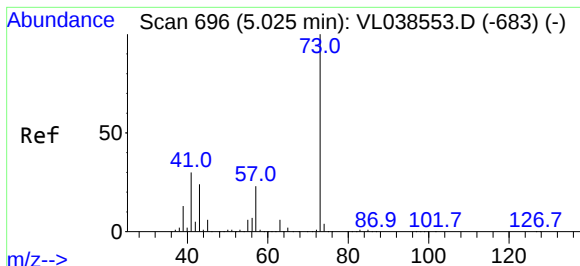


#27
Carbon Disulfide
Concen: 0.357 ppbv
RT: 4.552 min Scan# 549
Delta R.T. 0.010 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39



Tgt Ion: 76 Resp: 31695
Ion Ratio Lower Upper
76 100
44 17.2 12.9 19.3
78 11.3 7.8 11.6





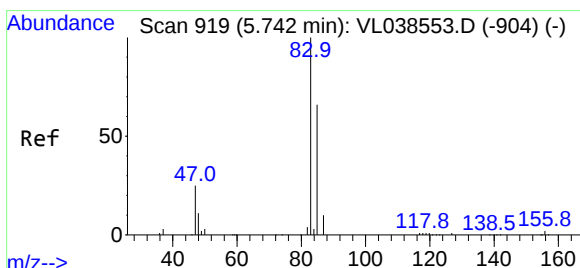
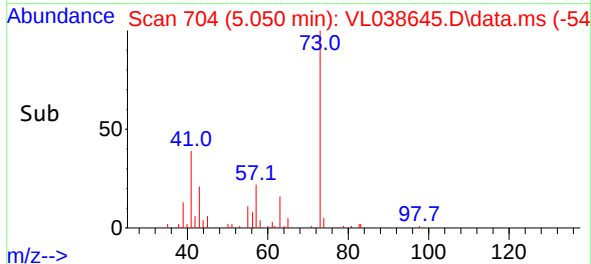
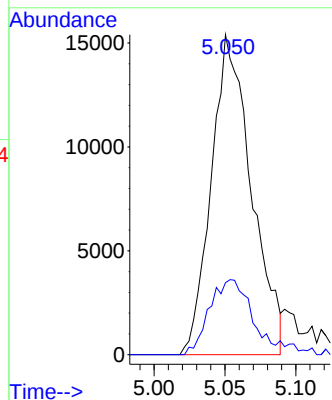
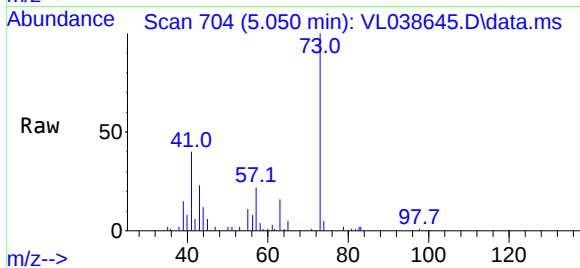
#28
Methyl tert-Butyl Ether
Concen: 0.418 ppbv
RT: 5.050 min Scan# 704
Delta R.T. 0.026 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

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

Tgt Ion: 73 Resp: 30330
Ion Ratio Lower Upper
73 100
57 26.3 18.8 28.2

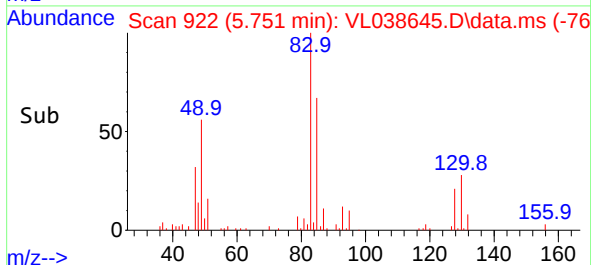
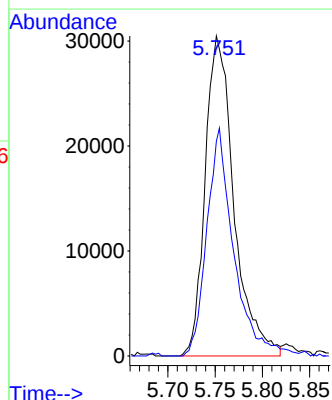
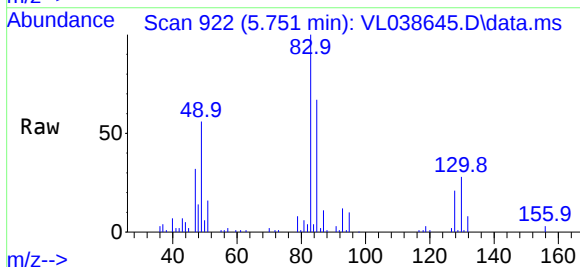
Manual Integrations
APPROVED

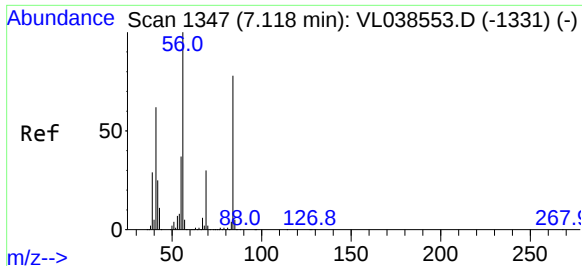
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#29
Chloroform
Concen: 0.464 ppbv
RT: 5.751 min Scan# 922
Delta R.T. 0.010 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

Tgt Ion: 83 Resp: 64466
Ion Ratio Lower Upper
83 100
85 67.0 52.8 79.2





#30

Cyclohexane

Concen: 0.414 ppbv

RT: 7.131 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL038645.D

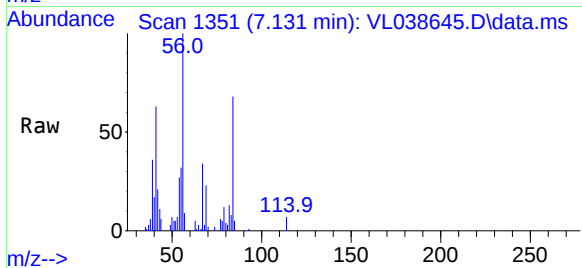
Acq: 18 Mar 2022 3:39

Instrument :

MSVOA_L

ClientSampleId :

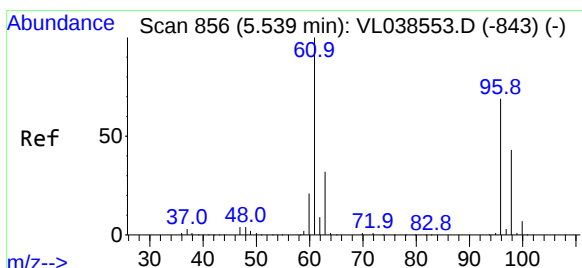
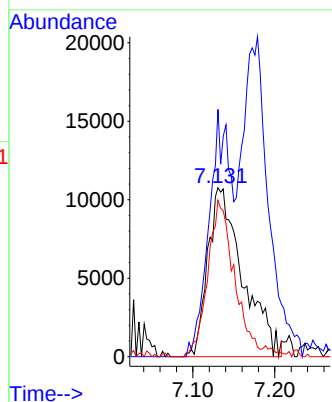
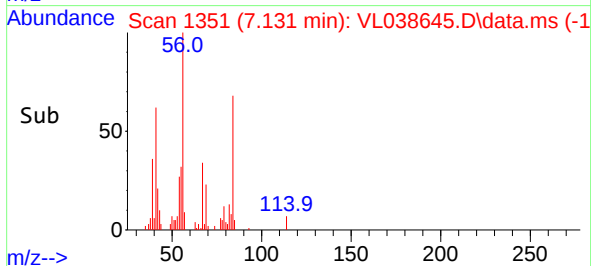
MDL-AIR-03-QT1-2022DL



Tgt Ion:	84	Resp:	3196
Ion Ratio	Lower	Upper	
84	100		
56	0.0	111.4	167.0
41	0.0	65.5	98.3

Manual Integrations
APPROVED

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



#31

cis-1,2-Dichloroethene

Concen: 0.391 ppbv

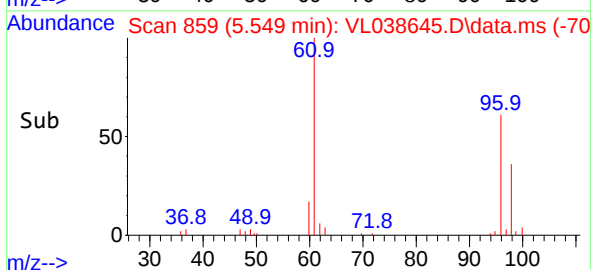
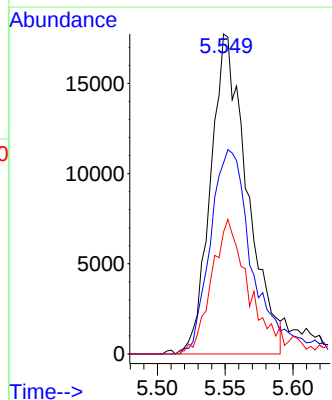
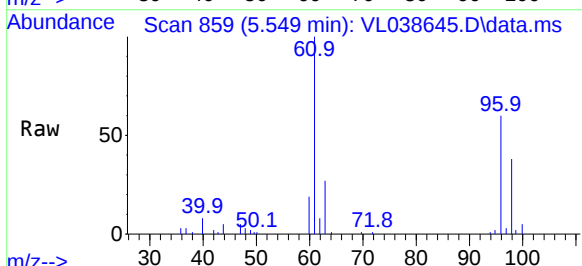
RT: 5.549 min Scan# 859

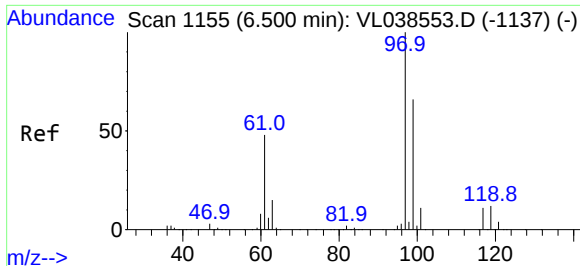
Delta R.T. 0.010 min

Lab File: VL038645.D

Acq: 18 Mar 2022 3:39

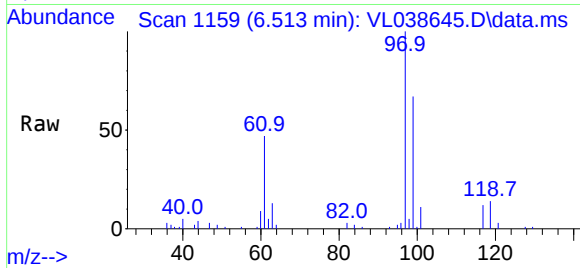
Tgt Ion:	61	Resp:	33366
Ion Ratio	Lower	Upper	
61	100		
96	58.6	55.2	82.8
98	38.7	34.2	51.4





#32
1,1,1-Trichloroethane
Concen: 0.445 ppbv
RT: 6.513 min Scan# 1159
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

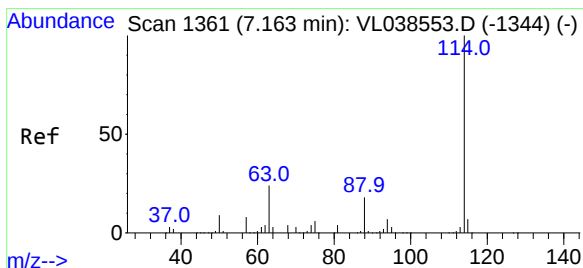
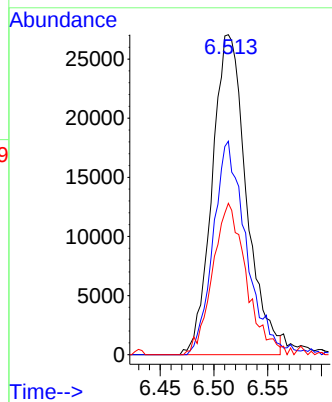
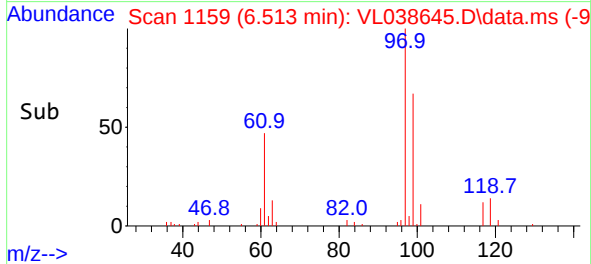
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



Tgt Ion: 97 Resp: 5988
Ion Ratio Lower Upper
97 100
99 65.5 52.1 78.1
61 47.4 37.7 56.5

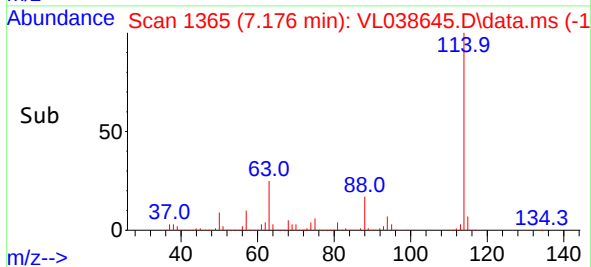
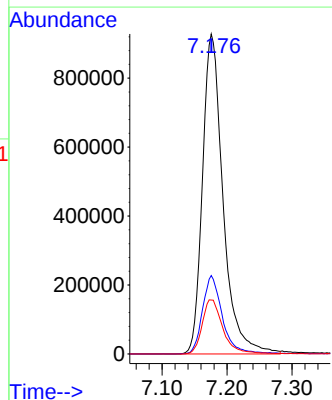
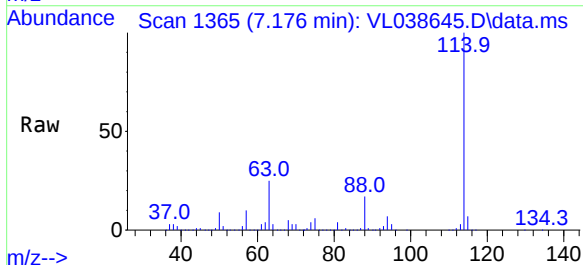
Manual Integrations
APPROVED

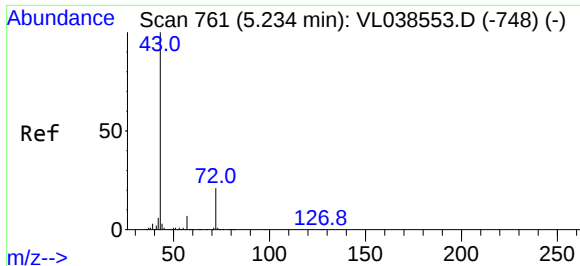
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.176 min Scan# 1365
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

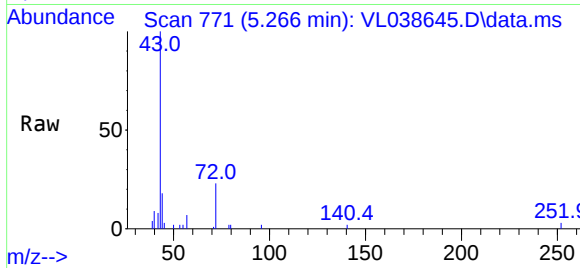
Tgt Ion:114 Resp: 2048258
Ion Ratio Lower Upper
114 100
63 24.1 19.6 29.4
88 17.1 13.9 20.9





#34
2-Butanone
Concen: 0.406 ppbv
RT: 5.266 min Scan# 71
Delta R.T. 0.032 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

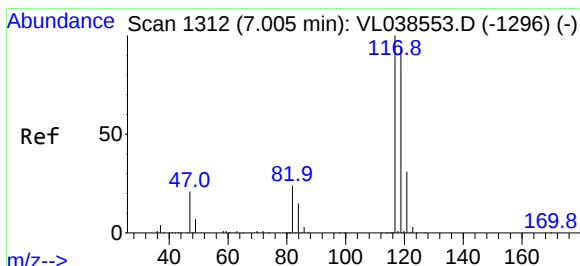
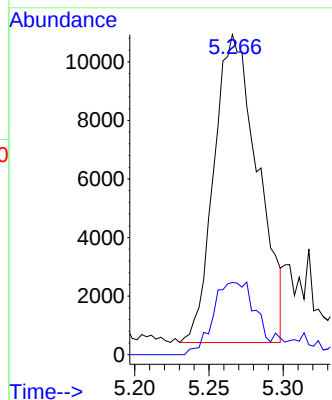
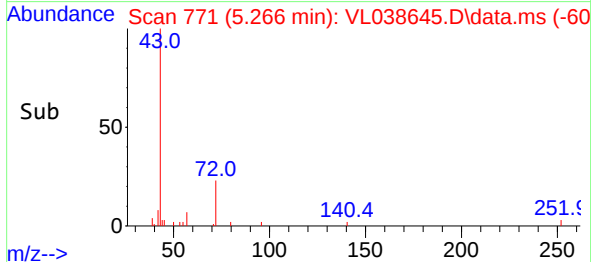
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



Tgt Ion: 43 Resp: 2157
Ion Ratio Lower Upper
43 100
72 28.8 17.8 26.6

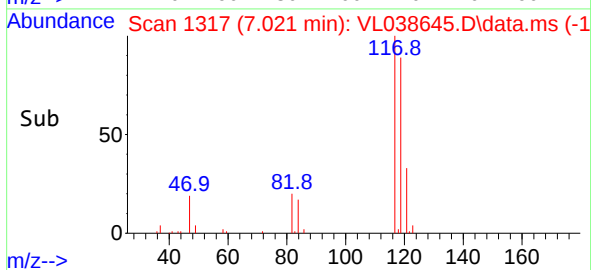
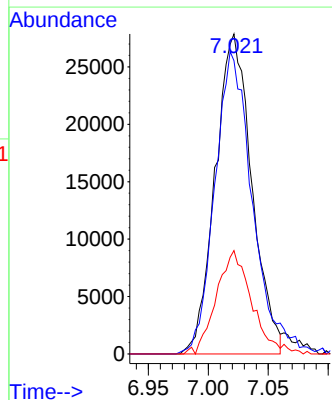
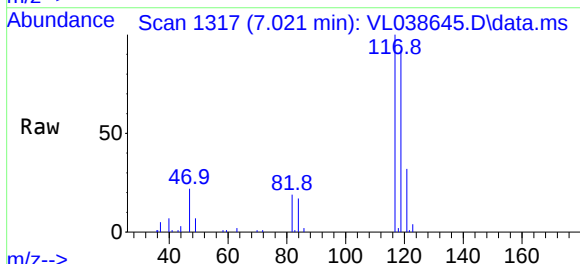
Manual Integrations
APPROVED

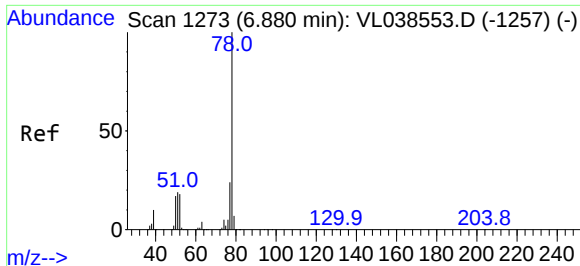
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#35
Carbon Tetrachloride
Concen: 0.423 ppbv
RT: 7.021 min Scan# 1317
Delta R.T. 0.016 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

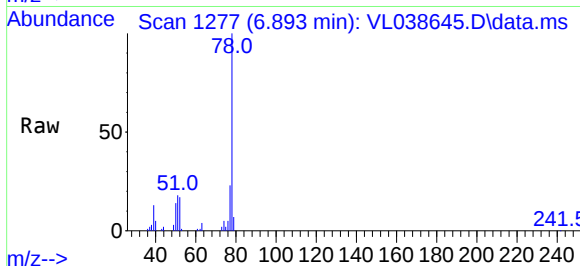
Tgt Ion:117 Resp: 59071
Ion Ratio Lower Upper
117 100
119 91.1 75.2 112.8
121 33.2 24.8 37.2





#36
Benzene
Concen: 0.407 ppbv
RT: 6.893 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

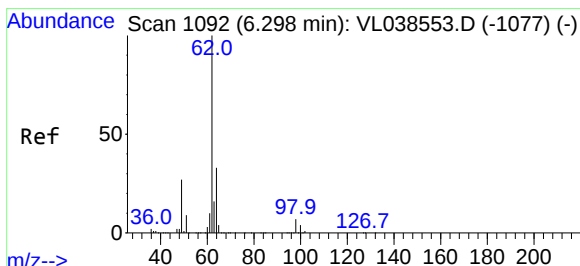
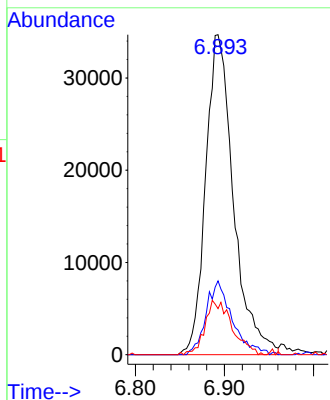
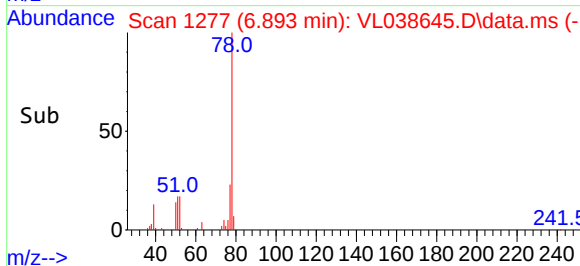
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



Tgt Ion: 78 Resp: 75184
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4
50 14.4 13.9 20.9

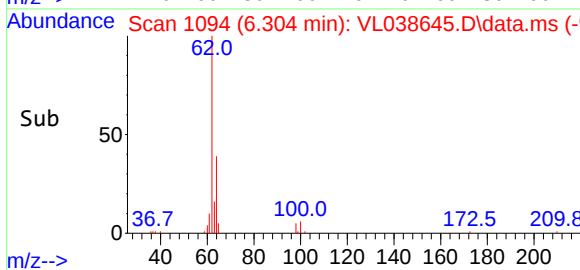
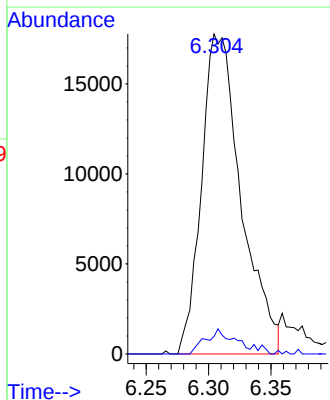
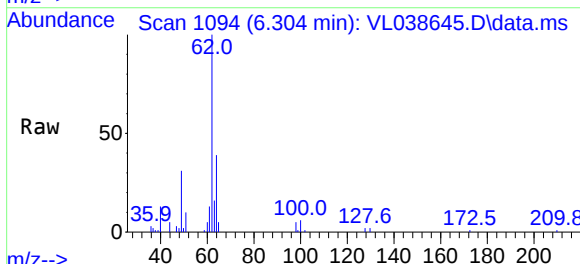
Manual Integrations
APPROVED

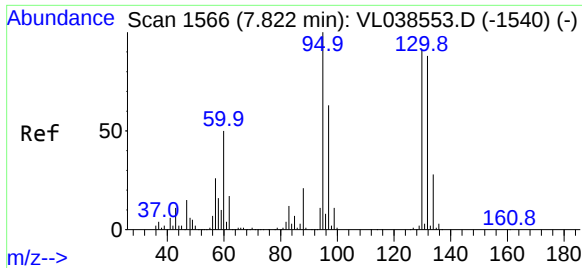
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#37
1,2-Dichloroethane
Concen: 0.445 ppbv
RT: 6.304 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

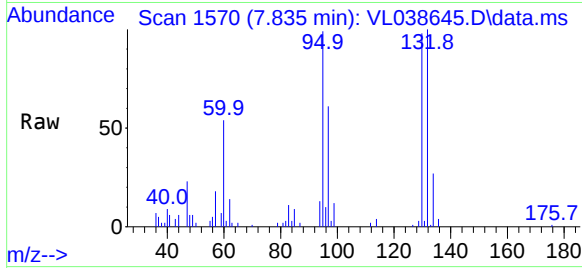
Tgt Ion: 62 Resp: 39262
Ion Ratio Lower Upper
62 100
98 6.4 5.7 8.5





#38
Trichloroethene
Concen: 0.392 ppbv
RT: 7.835 min Scan# 1502
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

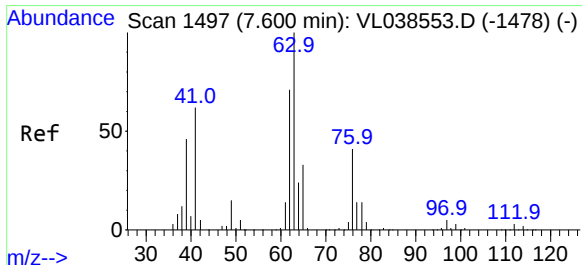
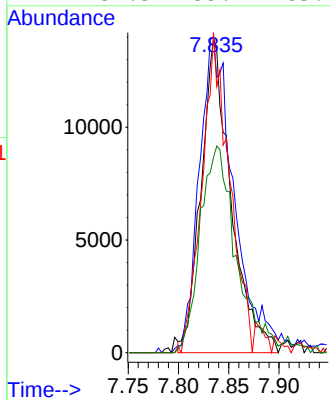
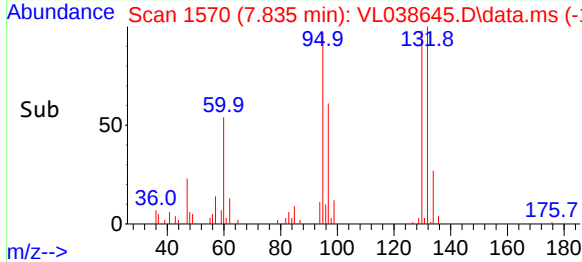
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



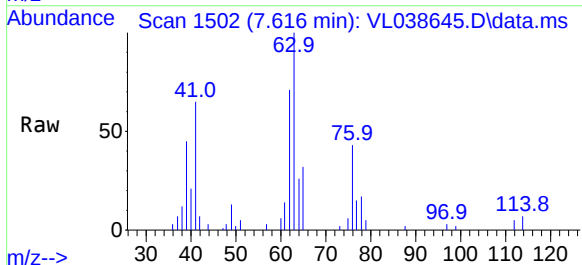
Tgt Ion:130 Resp: 2895
Ion Ratio Lower Upper
130 100
95 95.3 87.8 131.8
132 97.0 77.5 116.3
97 59.3 55.4 83.2

Manual Integrations
APPROVED

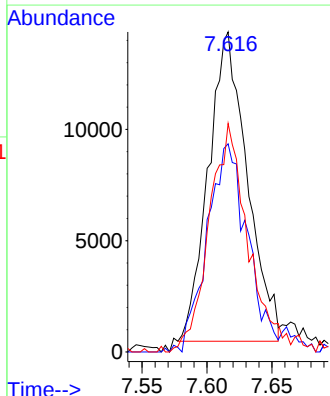
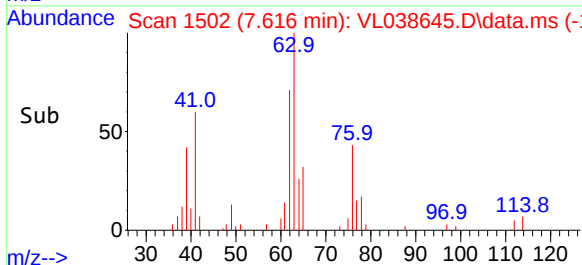
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

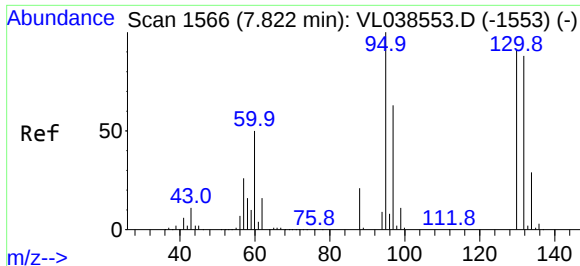


#39
1,2-Dichloropropane
Concen: 0.406 ppbv
RT: 7.616 min Scan# 1502
Delta R.T. 0.016 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39



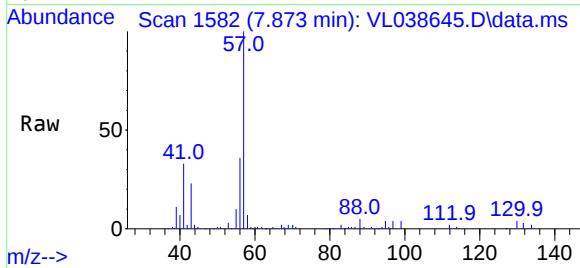
Tgt Ion: 63 Resp: 28868
Ion Ratio Lower Upper
63 100
41 66.7 49.8 74.6
62 72.9 56.7 85.1





#40
1,4-Dioxane
Concen: 0.285 ppbv m
RT: 7.873 min Scan# 11
Delta R.T. 0.051 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

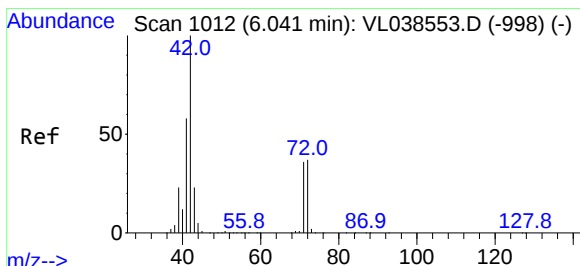
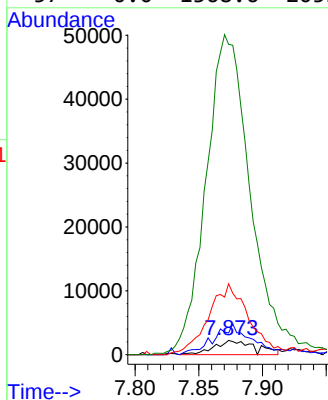
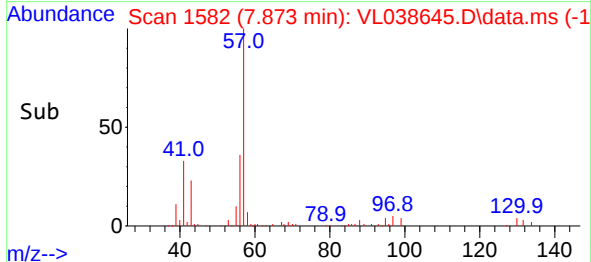
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



Tgt Ion: 88 Resp: 5069
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#

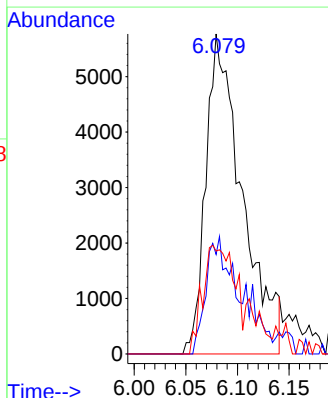
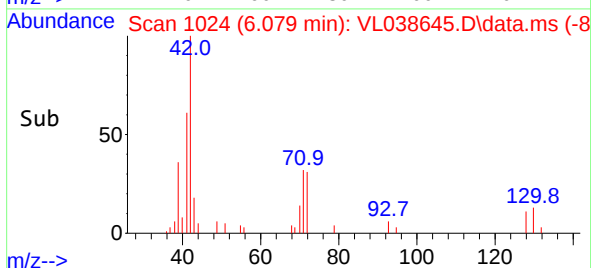
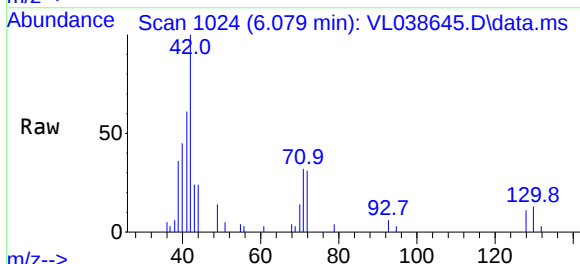
Manual Integrations
APPROVED

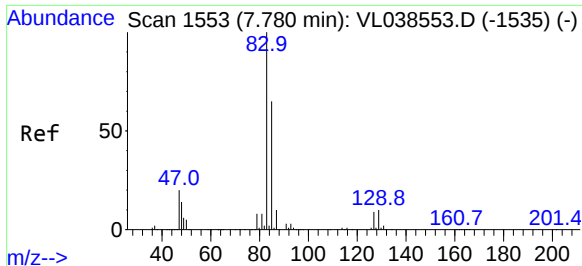
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#41
Tetrahydrofuran
Concen: 0.324 ppbv m
RT: 6.079 min Scan# 1024
Delta R.T. 0.039 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

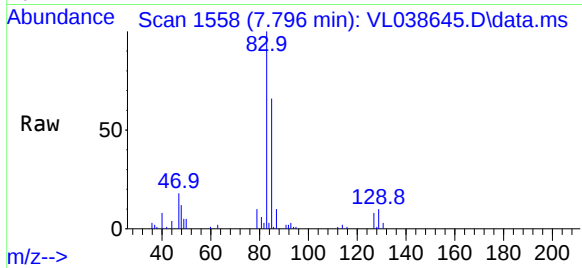
Tgt Ion: 42 Resp: 14061
Ion Ratio Lower Upper
42 100
72 38.1 30.9 46.3
71 40.9 29.1 43.7





#42
Bromodichloromethane
Concen: 0.408 ppbv
RT: 7.796 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

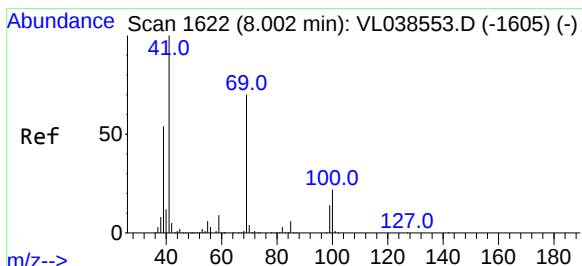
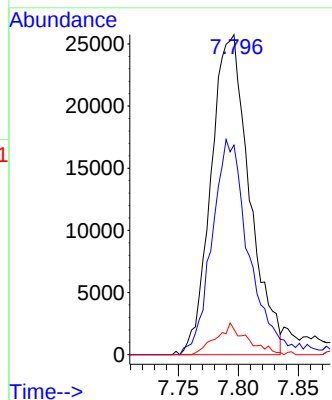
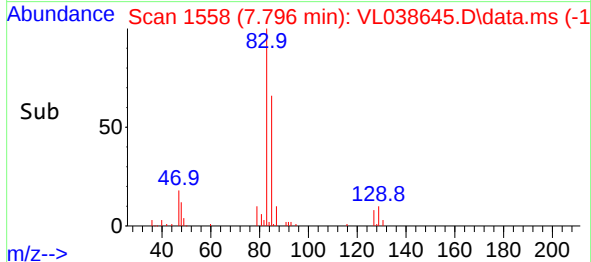
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



Tgt Ion: 83 Resp: 5711
Ion Ratio Lower Upper
83 100
85 66.7 51.7 77.5
127 8.0 6.9 10.3

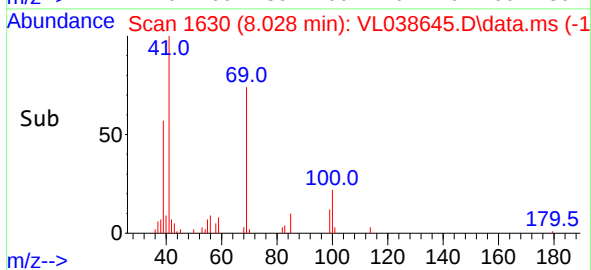
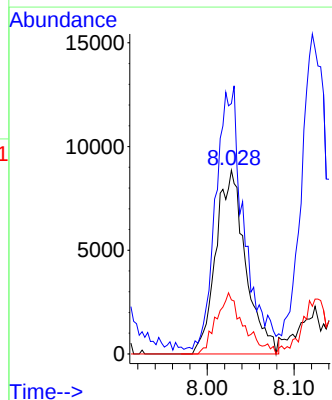
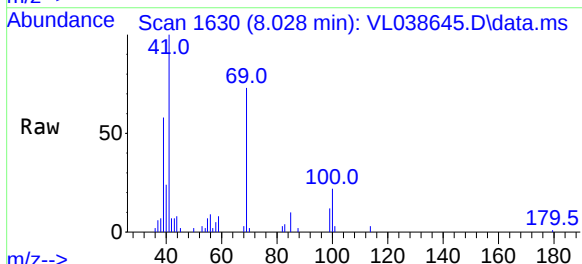
Manual Integrations
APPROVED

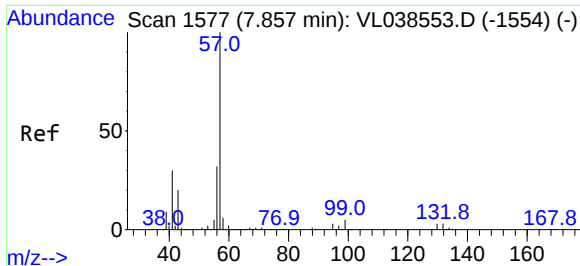
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#43
Methyl Methacrylate
Concen: 0.334 ppbv m
RT: 8.028 min Scan# 1630
Delta R.T. 0.026 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

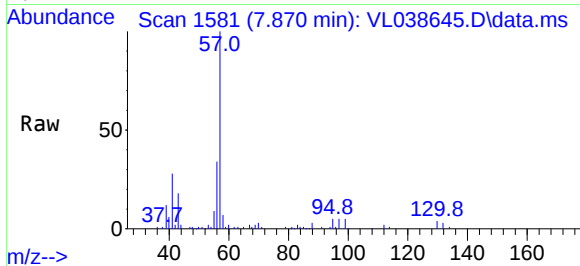
Tgt Ion: 69 Resp: 21169
Ion Ratio Lower Upper
69 100
41 0.0 113.8 170.6#
100 0.0 24.4 36.6#





#44
2,2,4-Trimethylpentane
Concen: 0.383 ppbv
RT: 7.870 min Scan# 119664
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

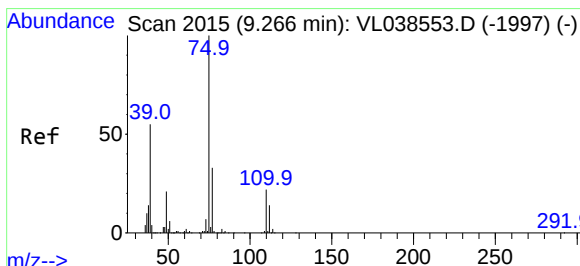
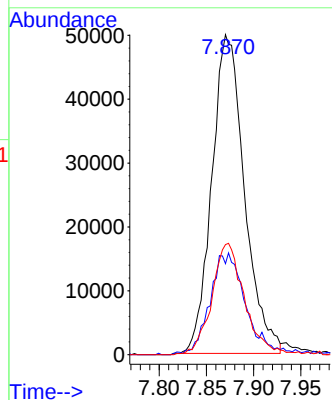
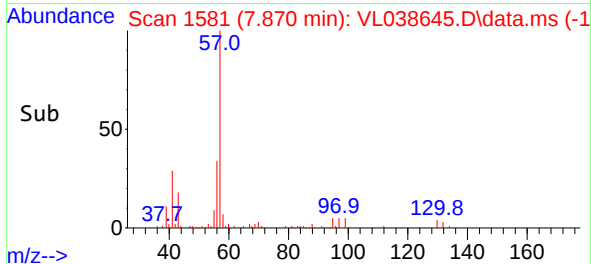
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



Tgt Ion: 57 Resp: 119664
Ion Ratio Lower Upper
57 100
41 35.2 24.0 36.0
56 35.0 25.6 38.4

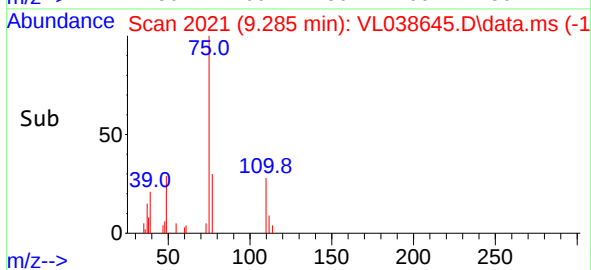
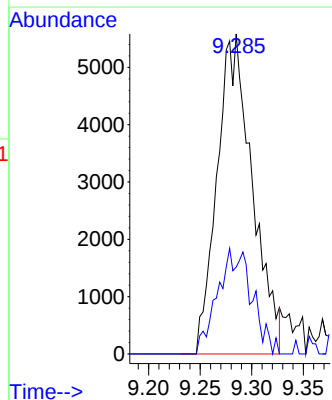
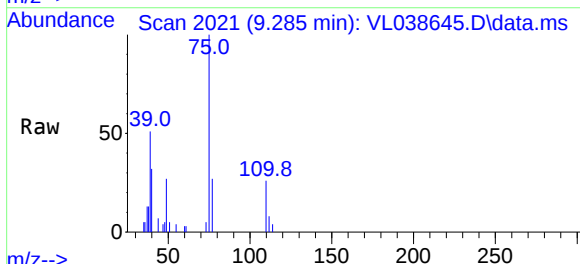
Manual Integrations
APPROVED

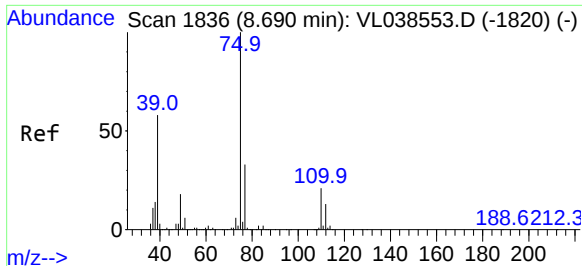
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#45
t-1,3-Dichloropropene
Concen: 0.290 ppbv m
RT: 9.285 min Scan# 2021
Delta R.T. 0.019 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

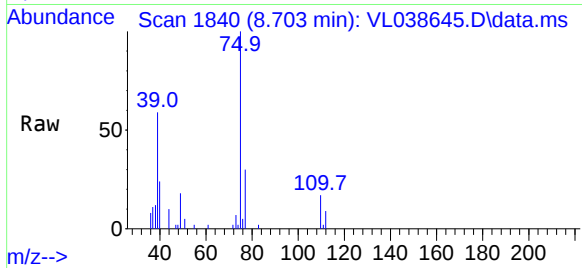
Tgt Ion: 75 Resp: 13258
Ion Ratio Lower Upper
75 100
77 27.2 26.6 40.0





#46
cis-1,3-Dichloropropene
Concen: 0.317 ppbv
RT: 8.703 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

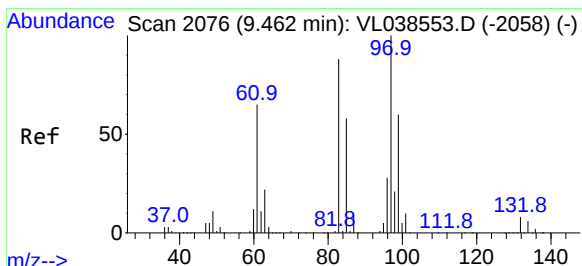
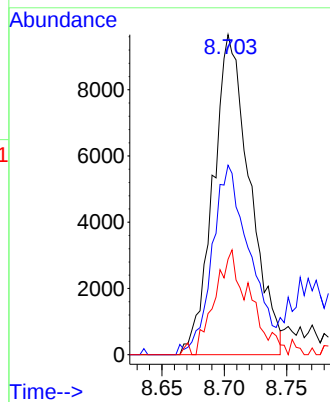
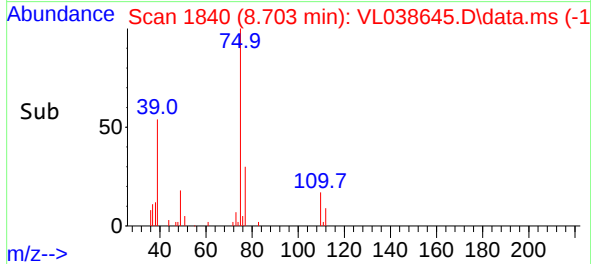
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



Tgt Ion: 75 Resp: 19849
Ion Ratio Lower Upper
75 100
39 56.0 46.2 69.2
77 29.8 26.2 39.2

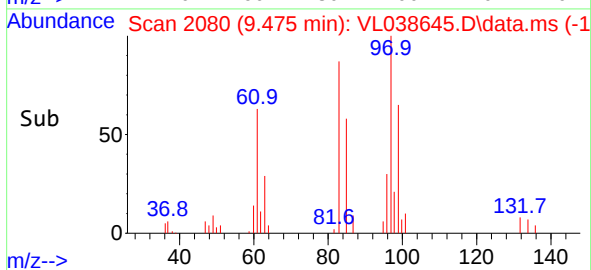
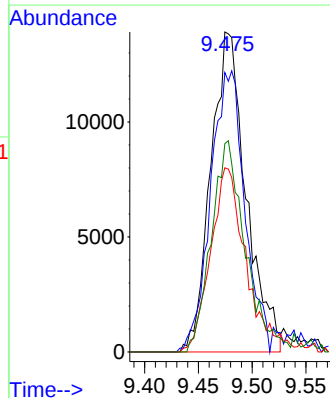
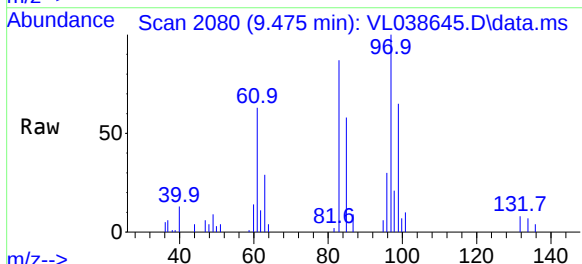
Manual Integrations
APPROVED

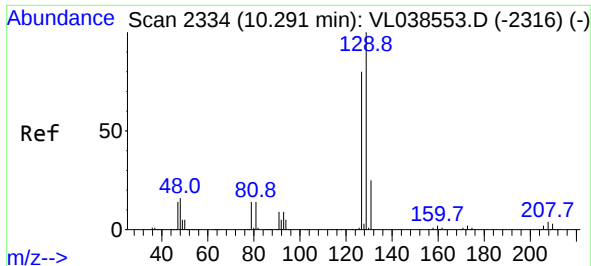
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#47
1,1,2-Trichloroethane
Concen: 0.439 ppbv
RT: 9.475 min Scan# 2080
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

Tgt Ion: 97 Resp: 31787
Ion Ratio Lower Upper
97 100
83 86.1 70.1 105.1
85 57.6 46.6 69.8
99 65.1 48.1 72.1





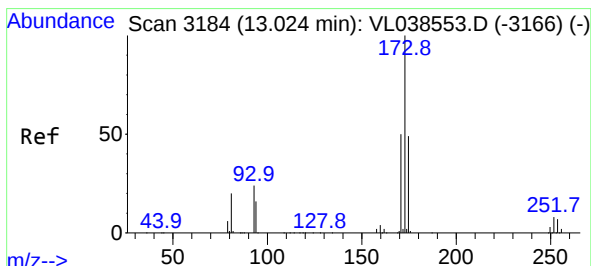
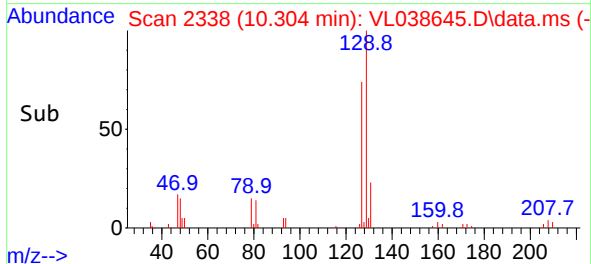
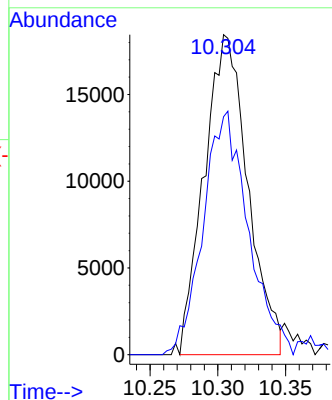
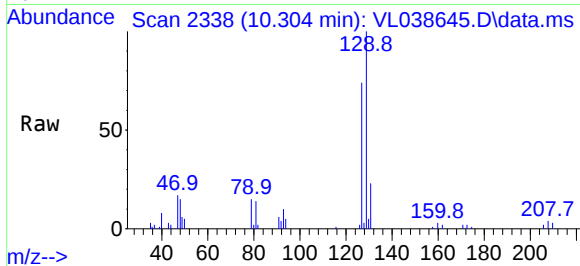
#48
Dibromochloromethane
Concen: 0.359 ppbv
RT: 10.304 min Scan# 2133
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

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

Tgt Ion:129 Resp: 4133
Ion Ratio Lower Upper
129 100
127 81.6 39.5 118.3

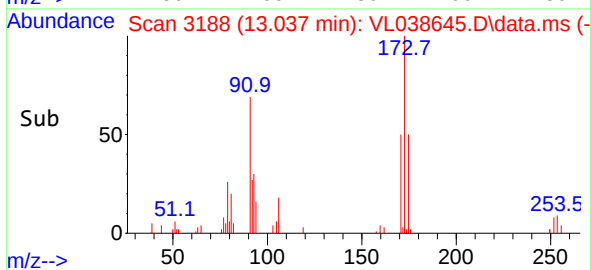
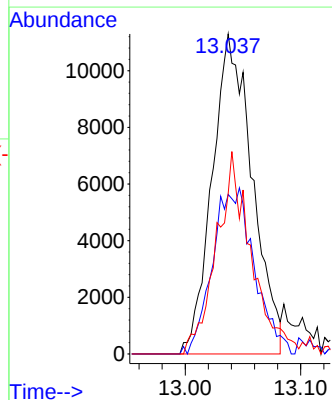
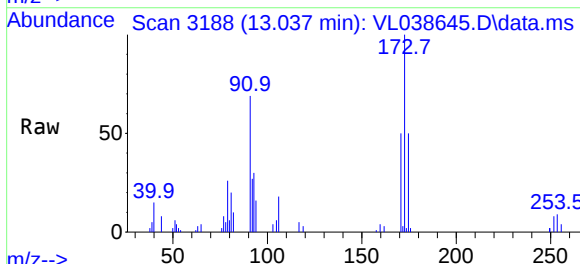
Manual Integrations
APPROVED

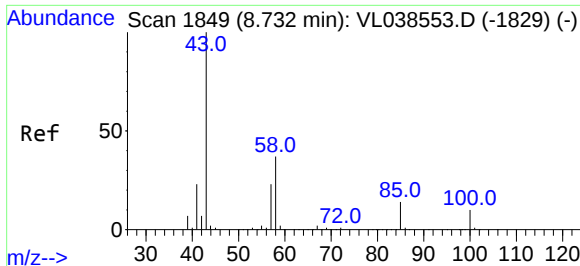
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#49
Bromoform
Concen: 0.310 ppbv
RT: 13.037 min Scan# 3188
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

Tgt Ion:173 Resp: 27279
Ion Ratio Lower Upper
173 100
175 53.9 40.7 61.1
171 56.8 42.9 64.3





#50

4-Methyl-2-Pentanone

Concen: 0.282 ppbv

RT: 8.770 min Scan# 1849

Delta R.T. 0.039 min

Lab File: VL038645.D

Acq: 18 Mar 2022 3:39

Instrument :

MSVOA_L

ClientSampleId :

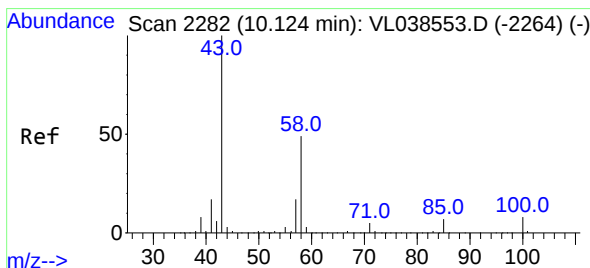
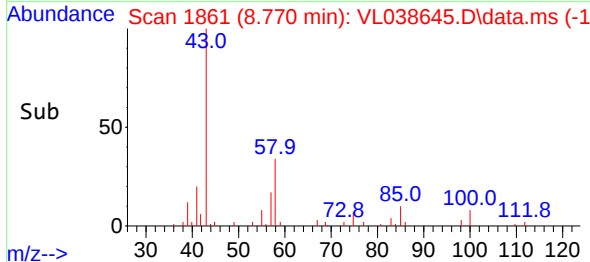
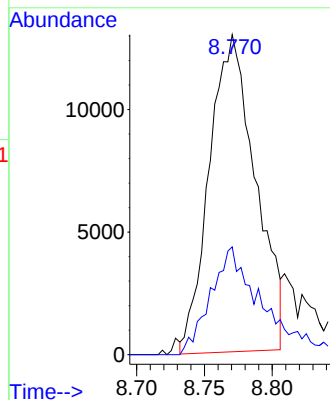
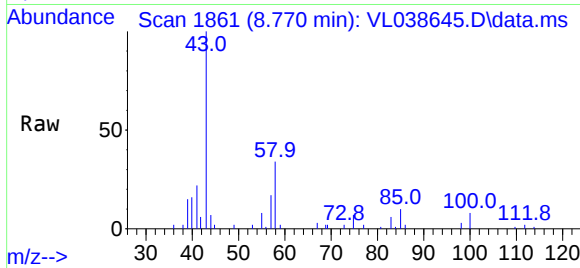
MDL-AIR-03-QT1-2022DL

Tgt Ion: 43 Resp: 3071
 Ion Ratio Lower Upper
 43 100
 58 39.7 29.2 43.8

Manual Integrations

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



#51

2-Hexanone

Concen: 0.283 ppbv m

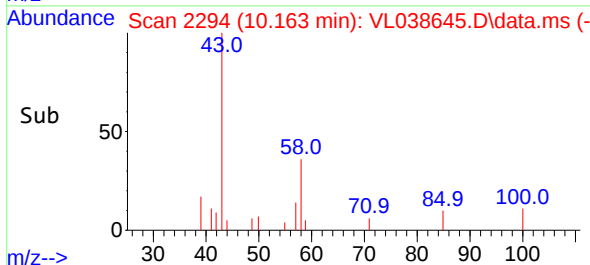
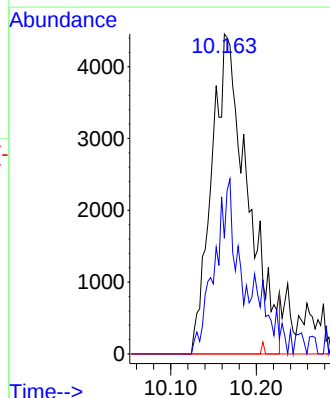
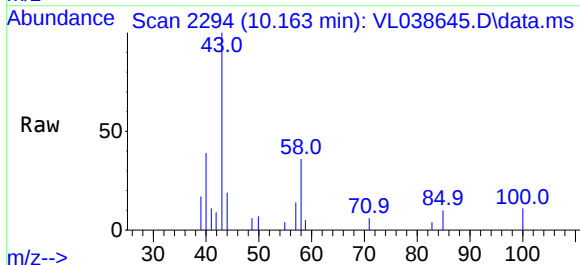
RT: 10.163 min Scan# 2294

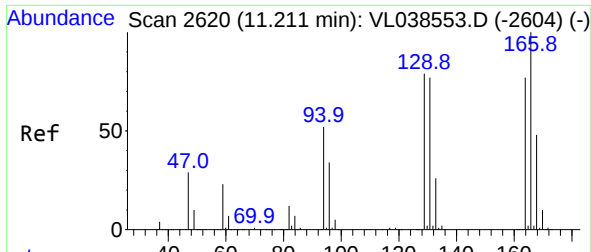
Delta R.T. 0.039 min

Lab File: VL038645.D

Acq: 18 Mar 2022 3:39

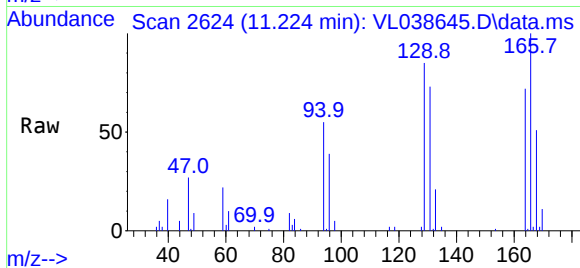
Tgt Ion: 43 Resp: 12993
 Ion Ratio Lower Upper
 43 100
 58 0.0 40.1 60.1#
 98 0.0 0.4 0.6#





#52
Tetrachloroethene
Concen: 0.383 ppbv m
RT: 11.224 min Scan# 2183
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

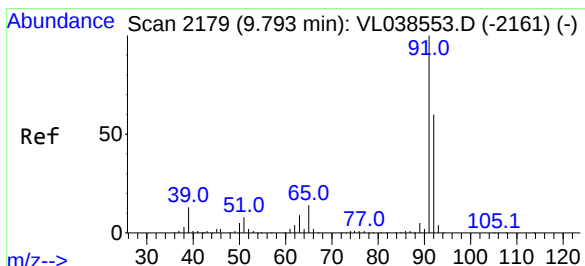
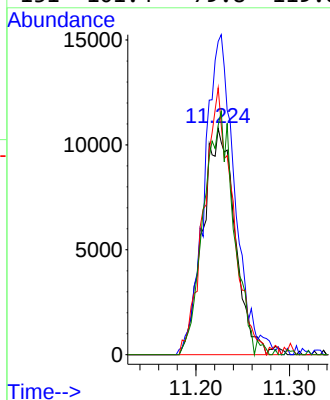
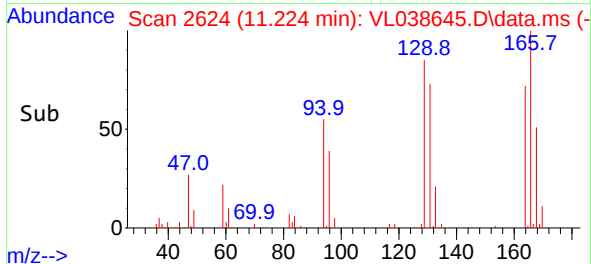
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



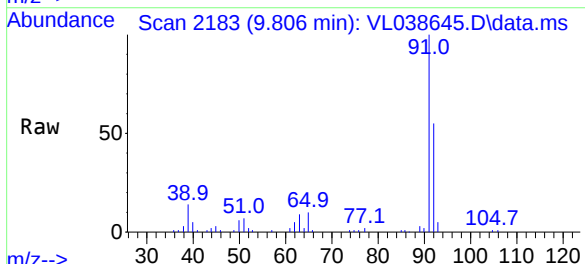
Tgt Ion:164 Resp: 25939
Ion Ratio Lower Upper
164 100
166 138.5 103.4 155.2
129 118.0 81.3 121.9
131 101.4 79.8 119.8

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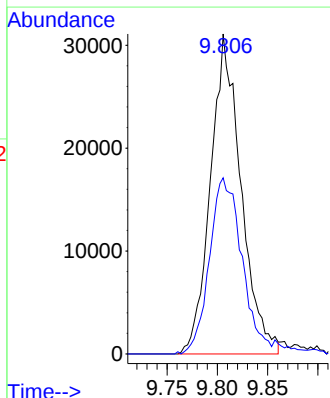
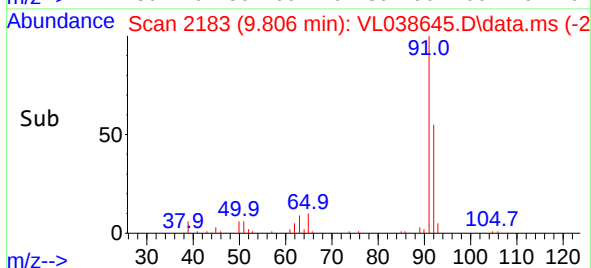
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

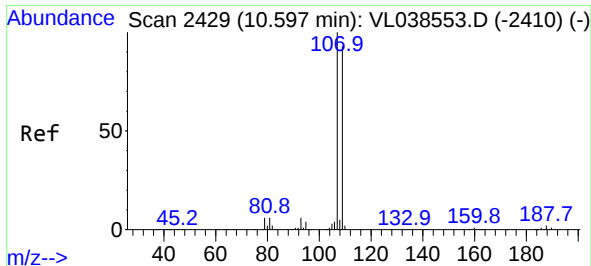


#53
Toluene
Concen: 0.332 ppbv
RT: 9.806 min Scan# 2183
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39



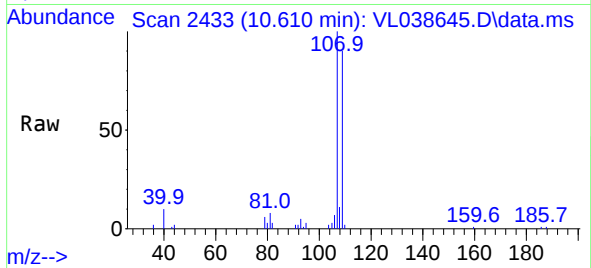
Tgt Ion: 91 Resp: 65482
Ion Ratio Lower Upper
91 100
92 61.8 48.1 72.1





#54
1,2-Dibromoethane
Concen: 0.352 ppbv
RT: 10.610 min Scan# 2429
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

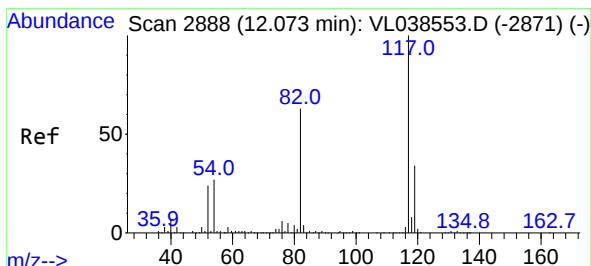
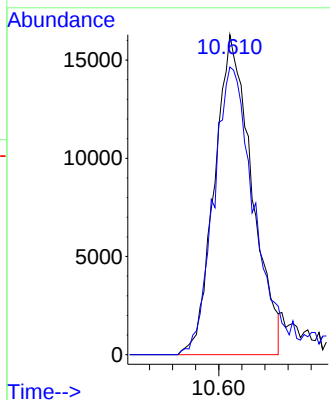
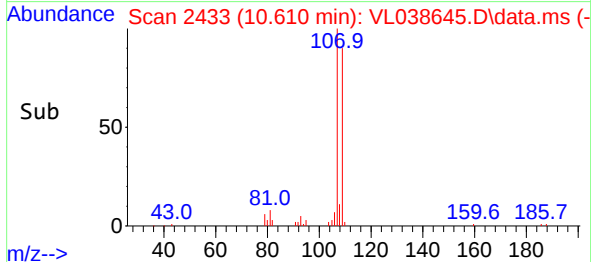
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



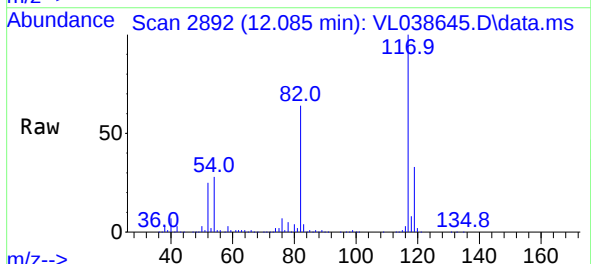
Tgt Ion:107 Resp: 36448
Ion Ratio Lower Upper
107 100
109 89.9 74.6 112.0

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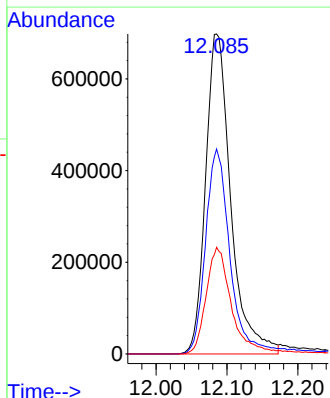
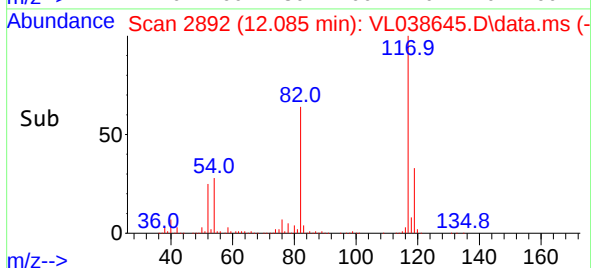
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

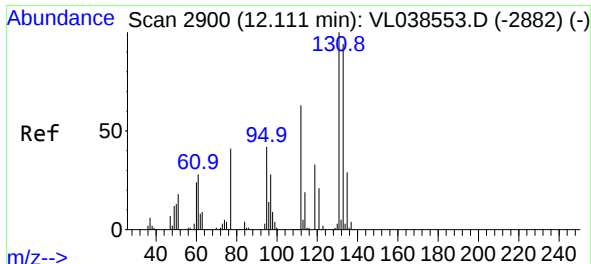


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.085 min Scan# 2892
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39



Tgt Ion:117 Resp: 1725700
Ion Ratio Lower Upper
117 100
82 64.3 52.5 78.7
119 34.2 46.4 69.6





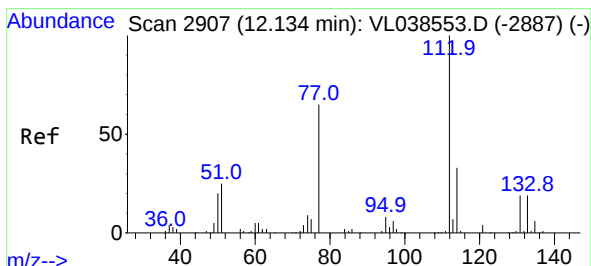
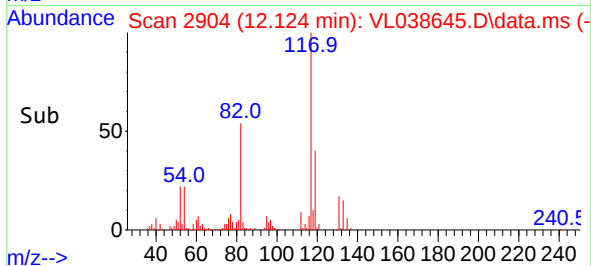
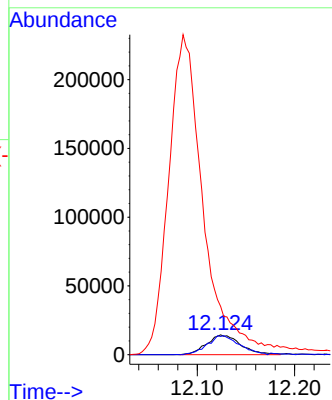
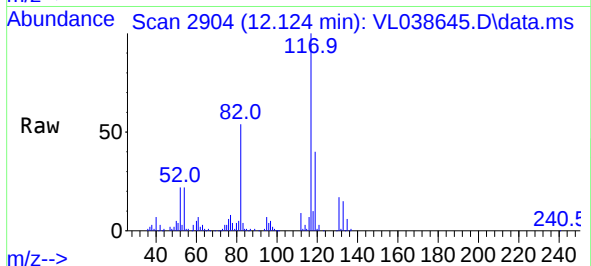
#56
1,1,1,2-Tetrachloroethane
Concen: 0.494 ppbv
RT: 12.124 min Scan# 2904
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

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

Tgt Ion:131 Resp: 3473
Ion Ratio Lower Upper
131 100
133 93.6 78.0 117.0
119 1704.7 53.1 79.7

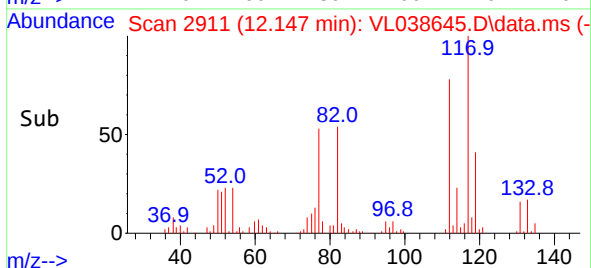
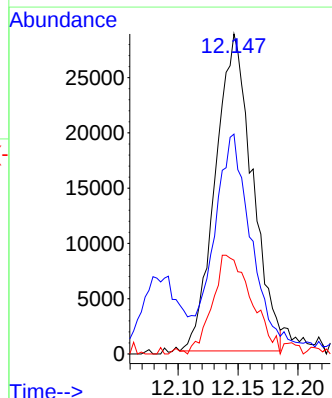
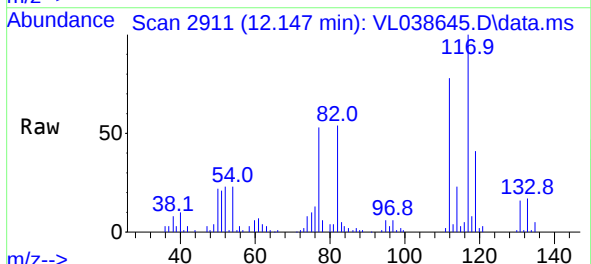
Manual Integrations
APPROVED

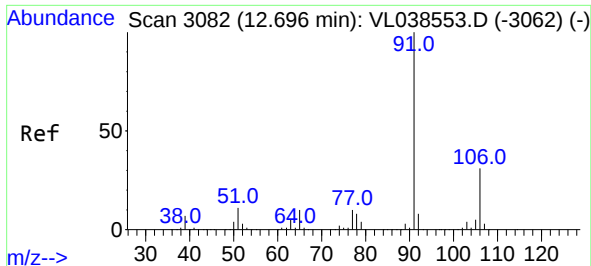
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#57
Chlorobenzene
Concen: 0.467 ppbv
RT: 12.147 min Scan# 2911
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

Tgt Ion:112 Resp: 61585
Ion Ratio Lower Upper
112 100
77 63.8 52.5 78.7
114 29.6 30.0 36.6





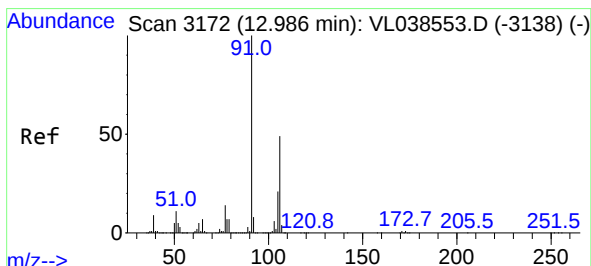
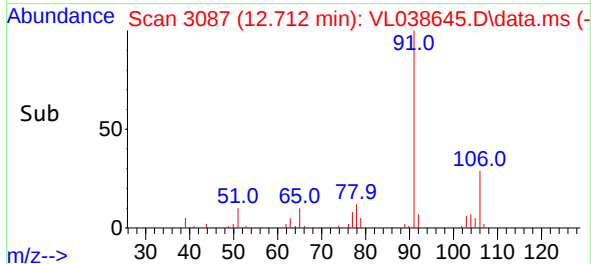
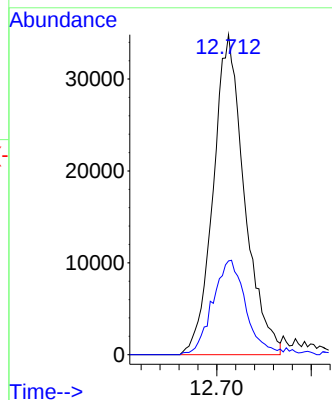
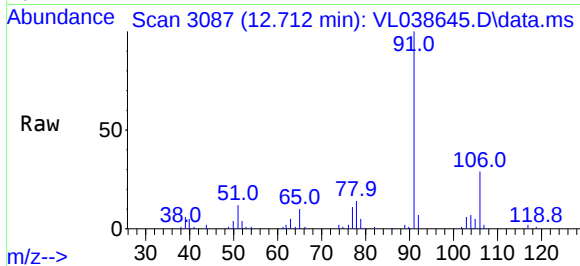
#58
Ethyl Benzene
Concen: 0.357 ppbv
RT: 12.712 min Scan# 3082
Delta R.T. 0.016 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

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

Tgt Ion: 91 Resp: 79849
Ion Ratio Lower Upper
91 100
106 29.3 24.6 37.0

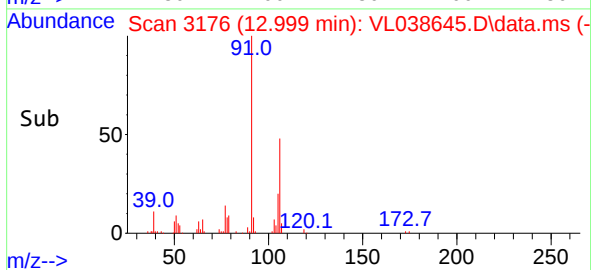
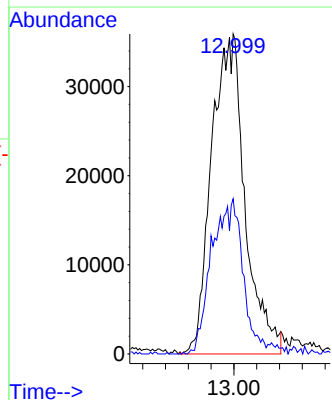
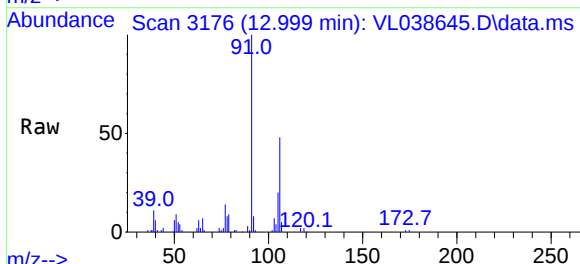
Manual Integrations
APPROVED

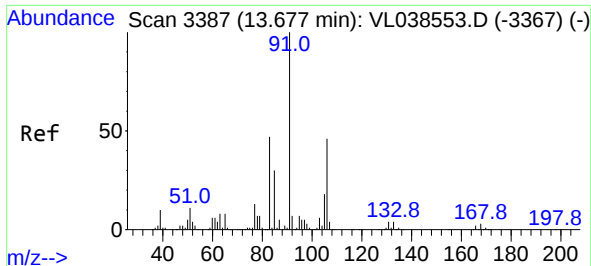
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#59
m/p-Xylene
Concen: 0.762 ppbv m
RT: 12.999 min Scan# 3176
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

Tgt Ion: 91 Resp: 145801
Ion Ratio Lower Upper
91 100
106 46.2 37.1 55.7





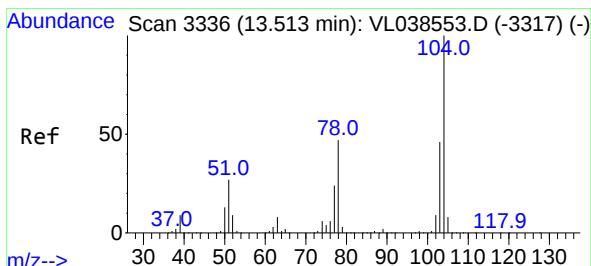
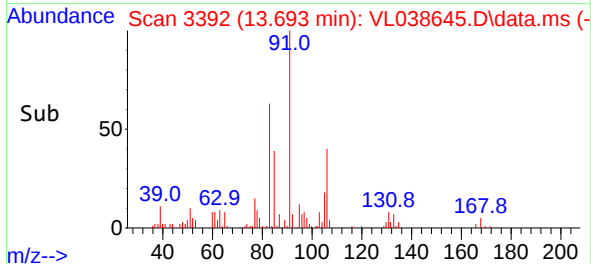
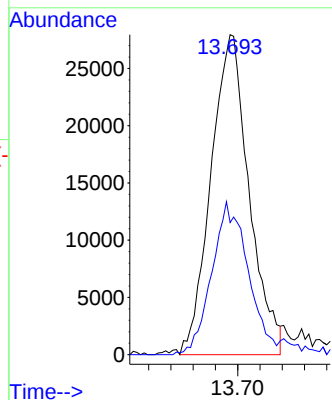
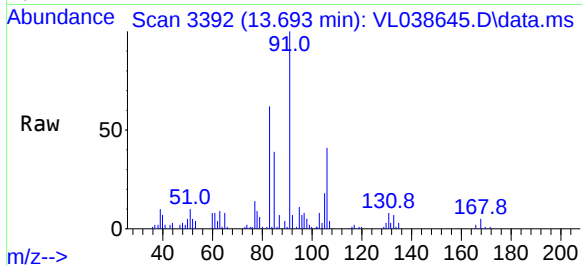
#60
o-Xylene
Concen: 0.368 ppbv
RT: 13.693 min Scan# 3392
Delta R.T. 0.016 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

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

Tgt Ion: 91 Resp: 66529
Ion Ratio Lower Upper
91 100
106 48.1 23.5 70.6

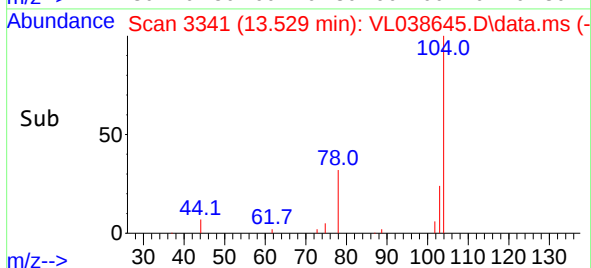
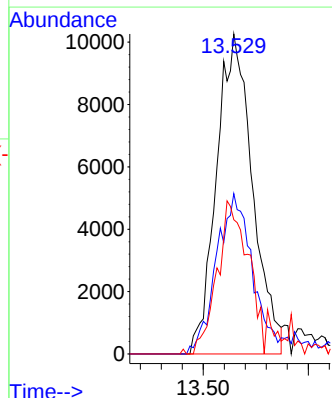
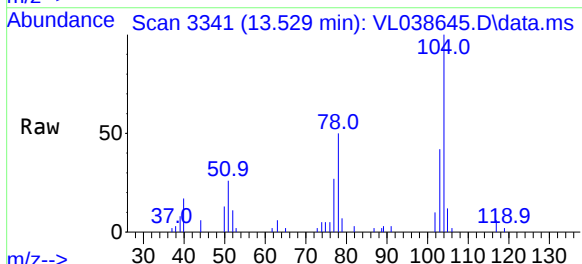
Manual Integrations
APPROVED

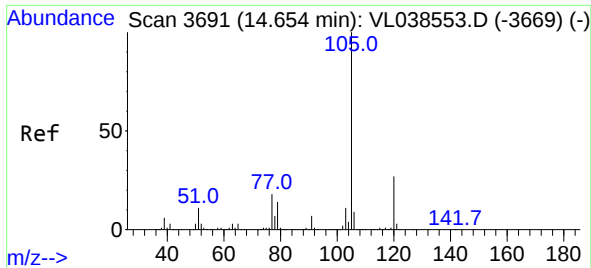
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#61
Styrene
Concen: 0.275 ppbv m
RT: 13.529 min Scan# 3341
Delta R.T. 0.016 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

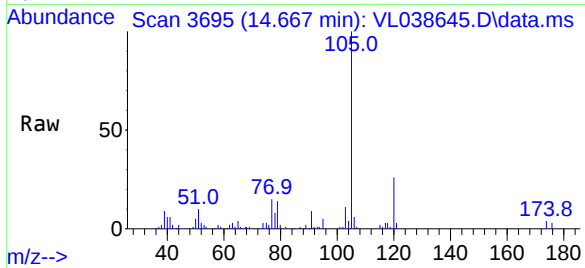
Tgt Ion:104 Resp: 24472
Ion Ratio Lower Upper
104 100
78 55.0 39.0 58.4
103 0.0 38.0 57.0#





#62
Isopropylbenzene
Concen: 0.387 ppbv
RT: 14.667 min Scan# 3695
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

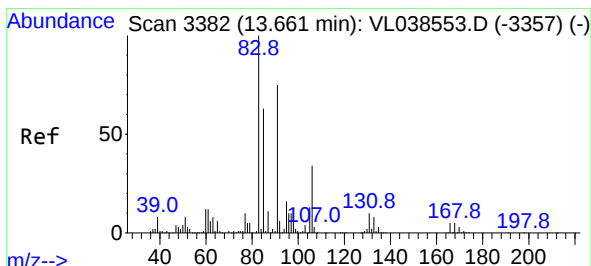
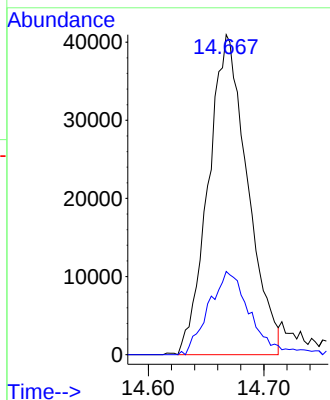
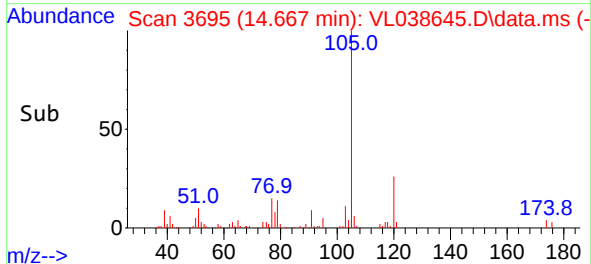
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



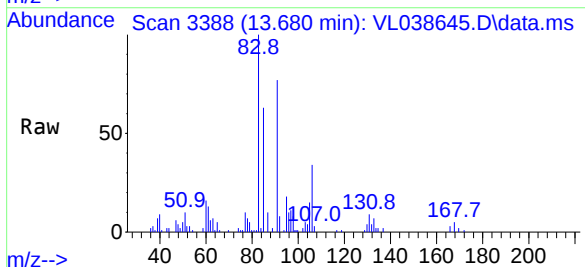
Tgt Ion: 105 Resp: 96510
Ion Ratio Lower Upper
105 100
120 28.0 21.2 31.8

Manual Integrations
APPROVED

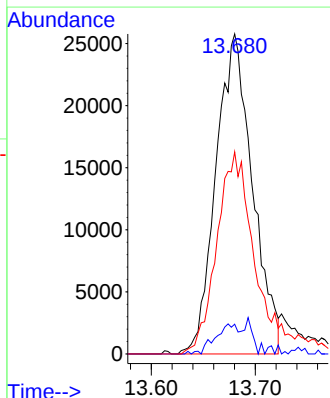
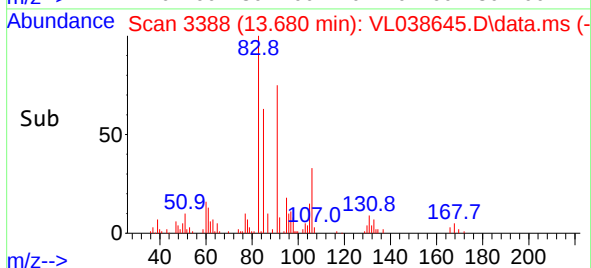
Reviewed By : Semsettin Yesilyurt 03/19/2022
Supervised By : Mahesh Dadoda 03/21/2022

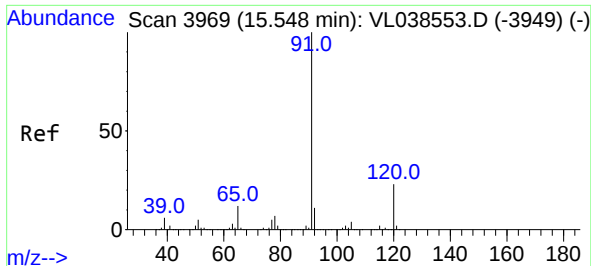


#63
1,1,2,2-Tetrachloroethane
Concen: 0.413 ppbv
RT: 13.680 min Scan# 3388
Delta R.T. 0.019 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39



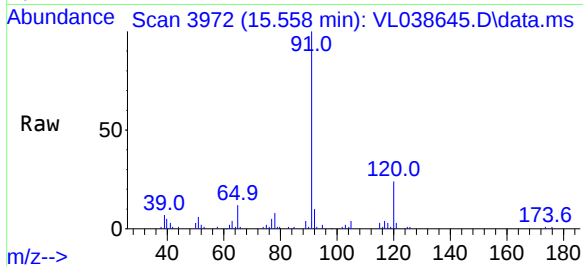
Tgt Ion: 83 Resp: 62953
Ion Ratio Lower Upper
83 100
131 10.2 4.7 14.1
85 69.5 32.6 98.0





#64
n-propylbenzene
Concen: 0.365 ppbv m
RT: 15.558 min Scan# 3969
Delta R.T. 0.010 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

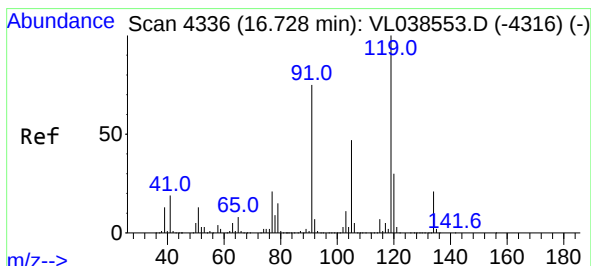
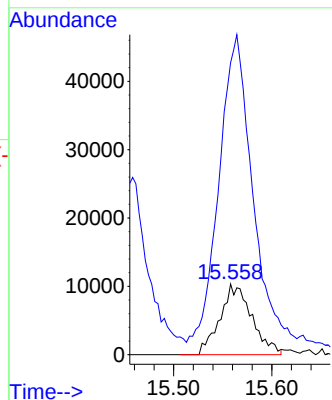
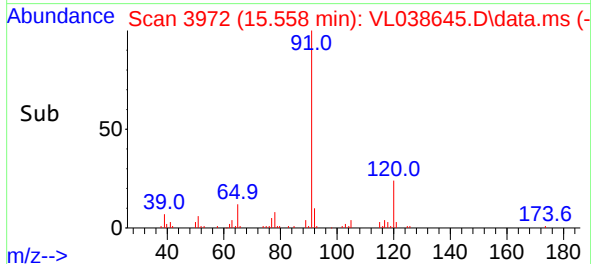
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



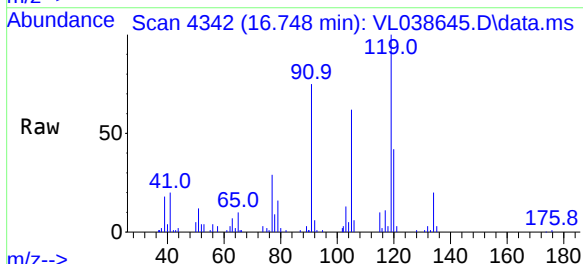
Tgt Ion:120 Resp: 23180
Ion Ratio Lower Upper
120 100
91 536.8 374.2 561.2

Manual Integrations
APPROVED

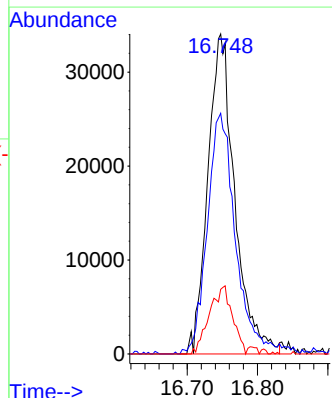
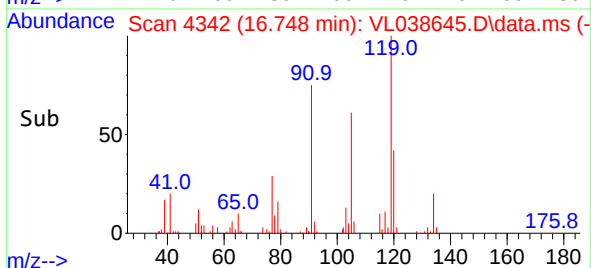
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

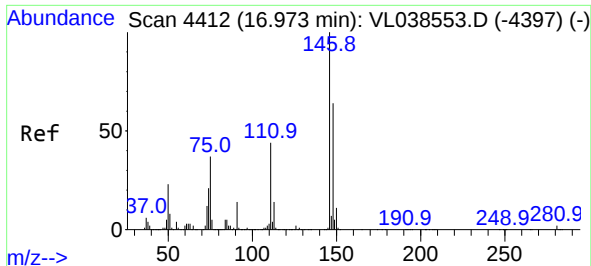


#65
tert-Butylbenzene
Concen: 0.405 ppbv m
RT: 16.748 min Scan# 4342
Delta R.T. 0.019 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39



Tgt Ion:119 Resp: 90362
Ion Ratio Lower Upper
119 100
91 79.8 61.2 91.8
134 0.0 16.2 24.2#





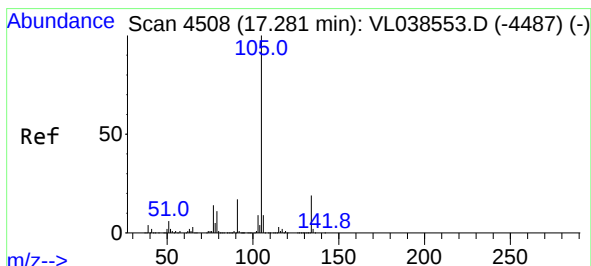
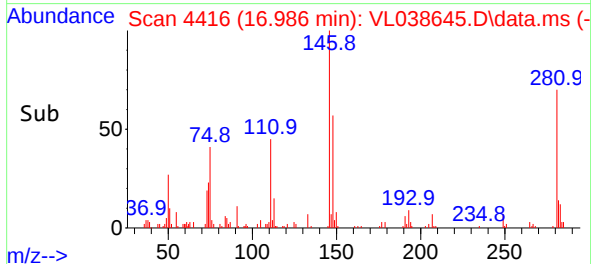
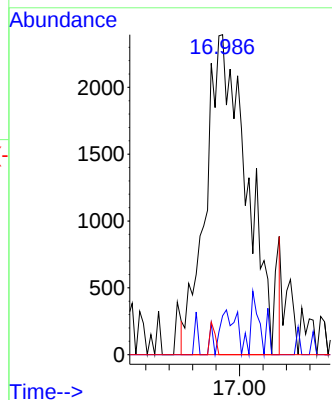
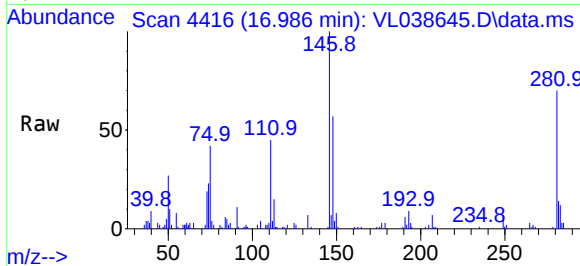
#66
Benzyl Chloride
Concen: 0.454 ppbv m
RT: 16.986 min Scan# 4412
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

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

Tgt Ion: 91 Resp: 599
Ion Ratio Lower Upper
91 100
126 5.8 14.1 21.1
128 0.0 5.1 7.7

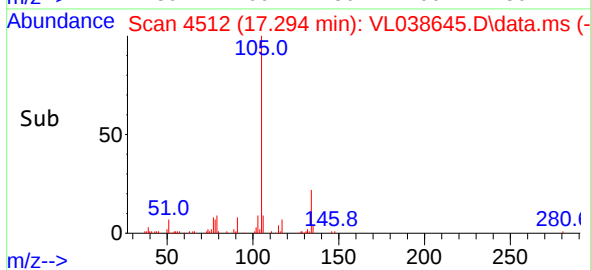
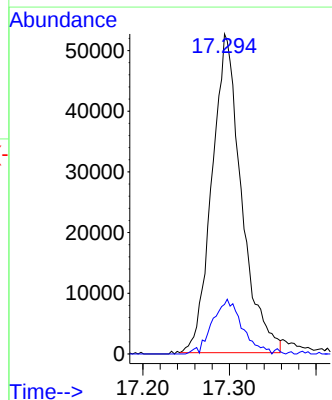
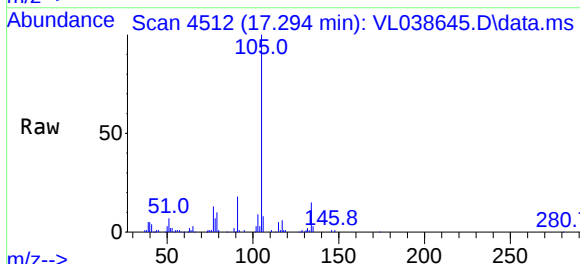
Manual Integrations
APPROVED

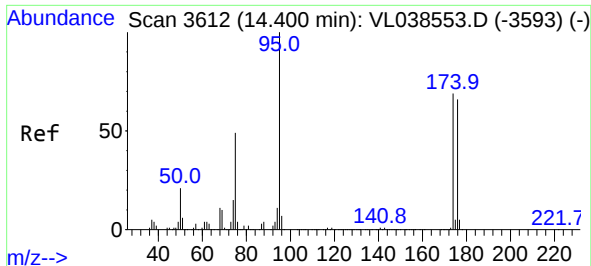
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#67
sec-Butylbenzene
Concen: 0.392 ppbv
RT: 17.294 min Scan# 4512
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

Tgt Ion:105 Resp: 124304
Ion Ratio Lower Upper
105 100
134 18.0 15.0 22.6





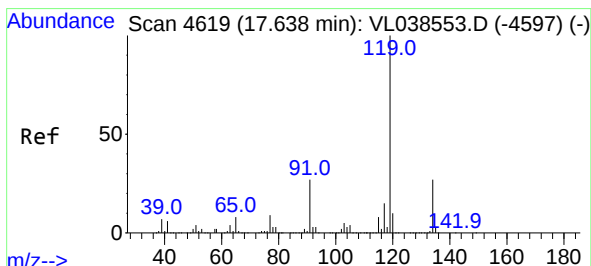
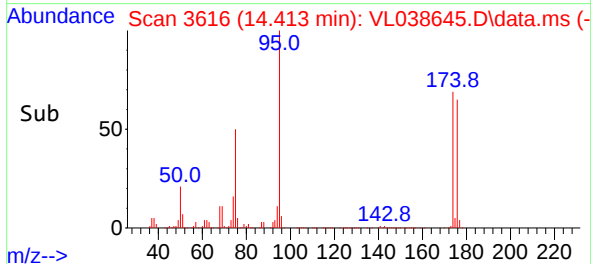
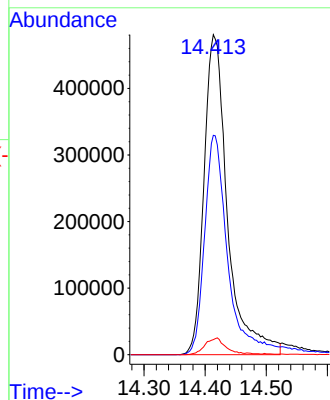
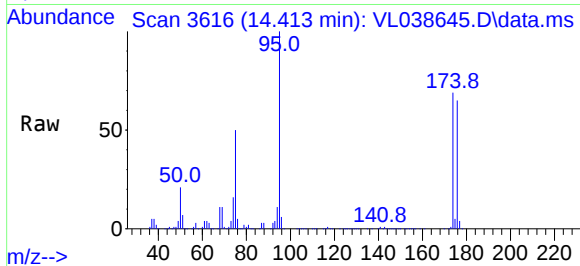
#68
1-Bromo-4-Fluorobenzene
Concen: 9.795 ppbv
RT: 14.413 min Scan# 30
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

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

Tgt Ion: 95 Resp: 1285109
Ion Ratio Lower Upper
95 100
174 70.7 56.2 84.4
175 5.0 4.2 6.2

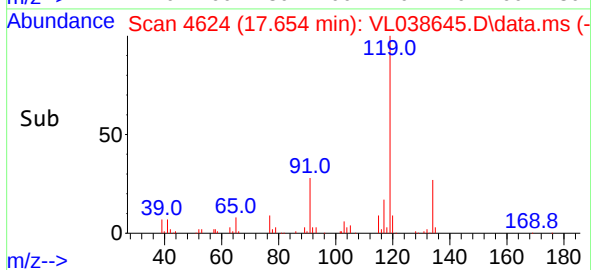
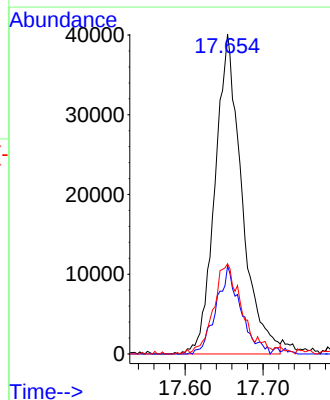
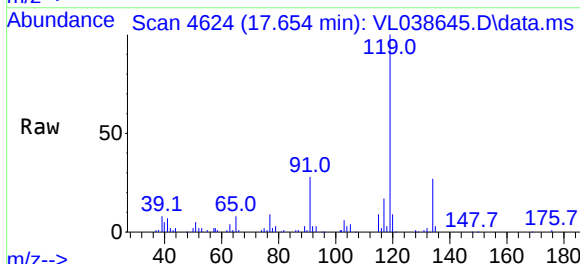
Manual Integrations
APPROVED

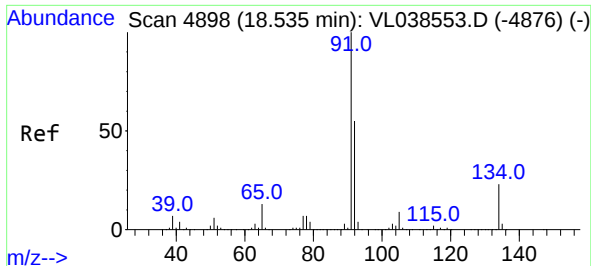
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#69
p-Isopropyltoluene
Concen: 0.366 ppbv
RT: 17.654 min Scan# 4624
Delta R.T. 0.016 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

Tgt Ion:119 Resp: 95971
Ion Ratio Lower Upper
119 100
134 26.0 20.9 31.3
91 31.3 21.1 31.7





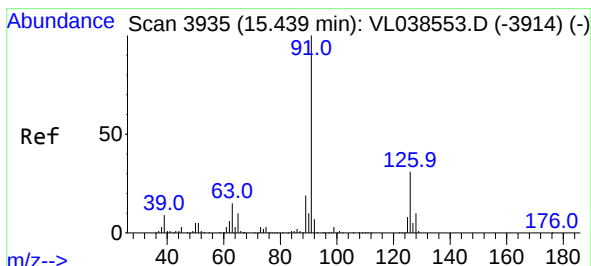
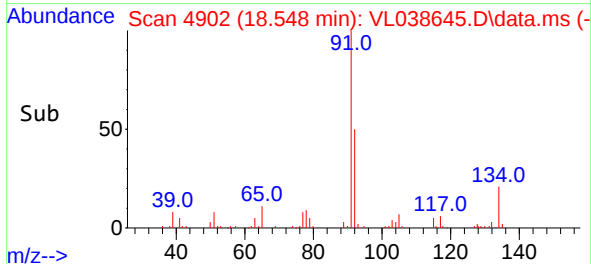
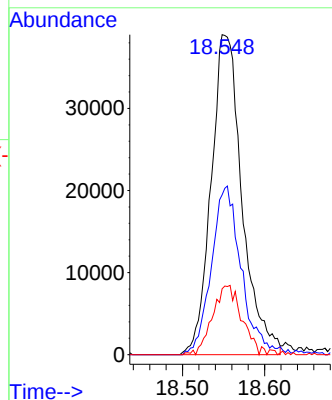
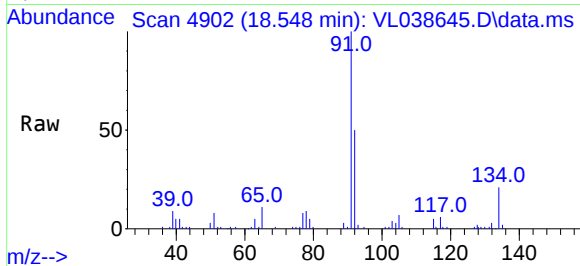
#70
n-Butylbenzene
Concen: 0.366 ppbv
RT: 18.548 min Scan# 4902
Delta R.T. 0.013 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

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

Tgt Ion: 91 Resp: 10227
Ion Ratio Lower Upper
91 100
92 51.4 43.8 65.8
134 20.6 18.7 28.1

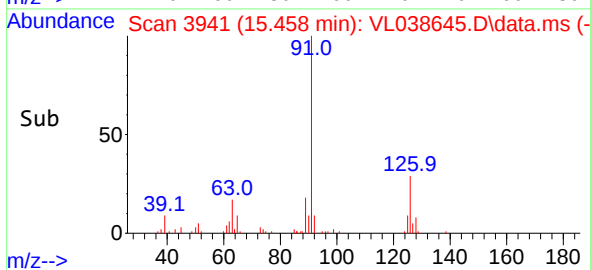
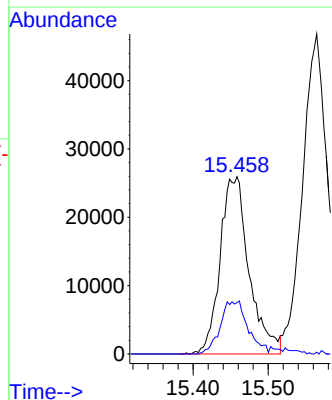
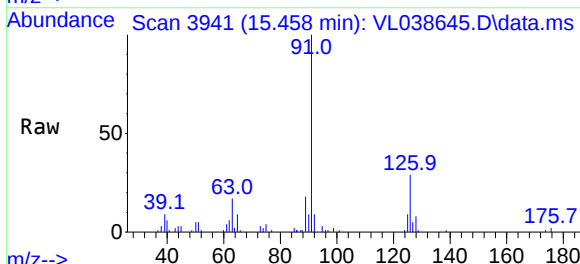
Manual Integrations
APPROVED

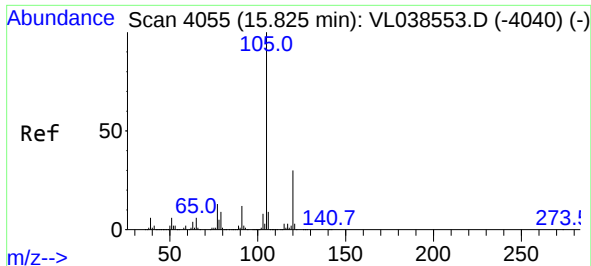
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#71
2-Chlorotoluene
Concen: 0.375 ppbv m
RT: 15.458 min Scan# 3941
Delta R.T. 0.019 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

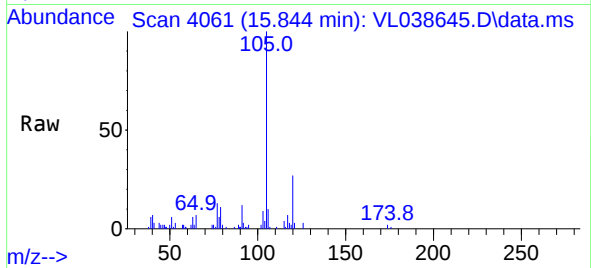
Tgt Ion: 91 Resp: 69473
Ion Ratio Lower Upper
91 100
126 3.7 12.9 51.7#





#72
4-Ethyltoluene
Concen: 0.356 ppbv m
RT: 15.844 min Scan# 4055
Delta R.T. 0.019 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

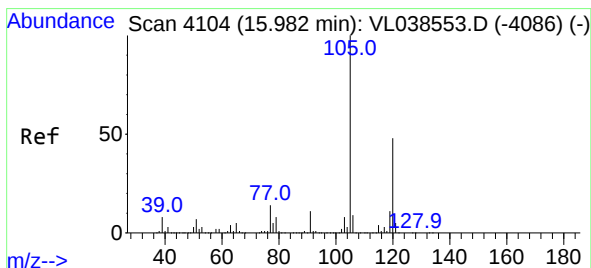
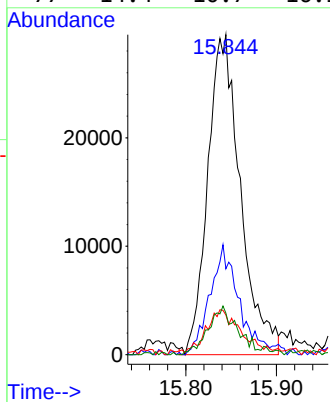
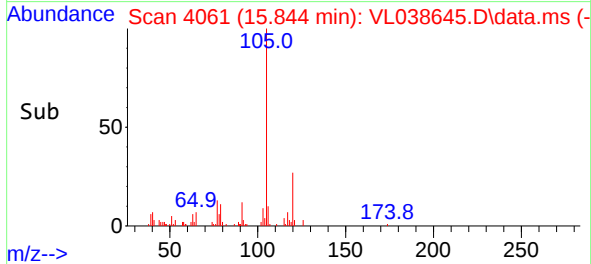
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



Tgt Ion:105 Resp: 7395
Ion Ratio Lower Upper
105 100
120 31.6 25.0 37.4
91 0.0 9.8 14.6
77 14.4 10.7 16.1

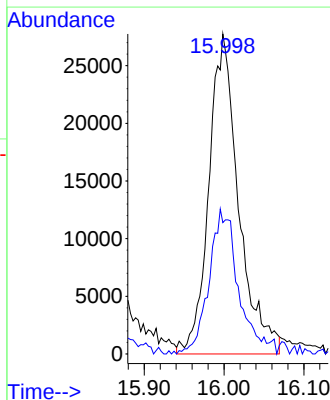
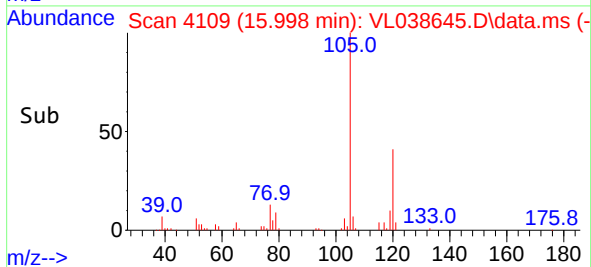
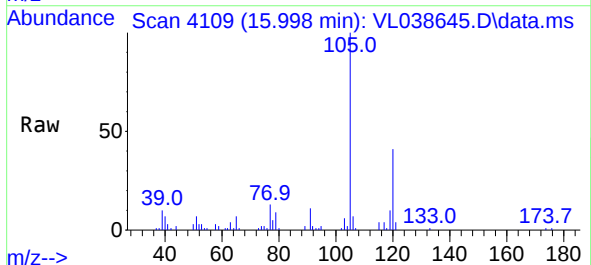
Manual Integrations
APPROVED

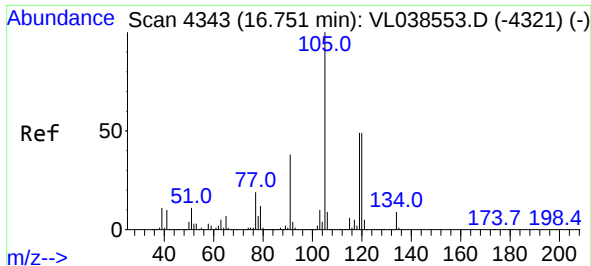
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#73
1,3,5-Trimethylbenzene
Concen: 0.374 ppbv m
RT: 15.998 min Scan# 4109
Delta R.T. 0.016 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

Tgt Ion:105 Resp: 72092
Ion Ratio Lower Upper
105 100
120 41.0 38.3 57.5





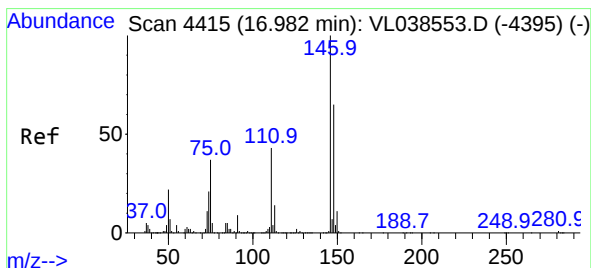
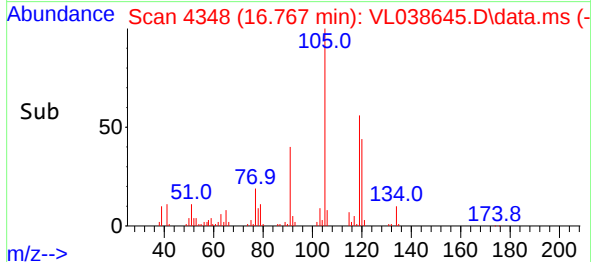
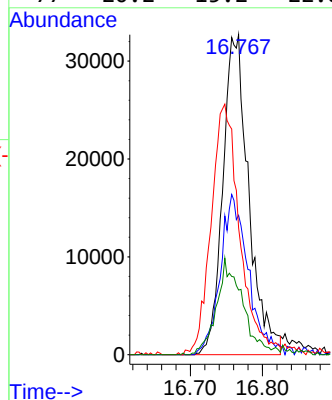
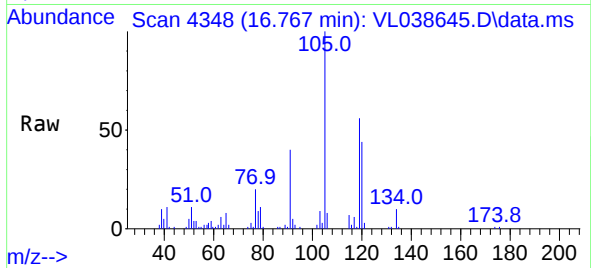
#74
1,2,4-Trimethylbenzene
Concen: 0.396 ppbv m
RT: 16.767 min Scan# 41
Delta R.T. 0.016 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

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

Tgt Ion:	105	Resp:	8154
Ion Ratio	Lower	Upper	
105	100		
120	43.5	38.9	58.3
91	39.6	30.6	46.0
77	20.2	15.2	22.8

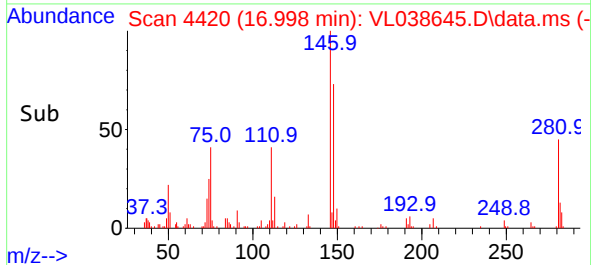
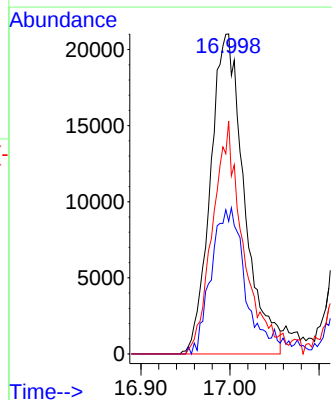
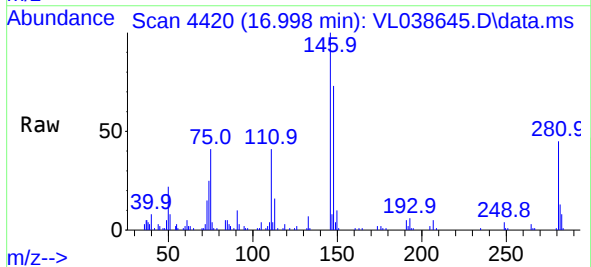
Manual Integrations
APPROVED

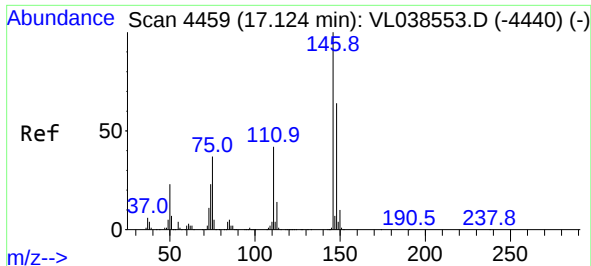
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#75
1,3-Dichlorobenzene
Concen: 0.428 ppbv
RT: 16.998 min Scan# 4420
Delta R.T. 0.016 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

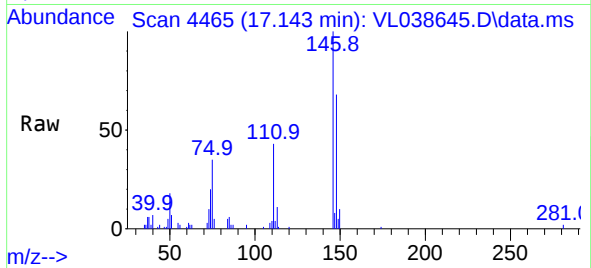
Tgt Ion:	146	Resp:	55545
Ion Ratio	Lower	Upper	
146	100		
111	48.1	21.9	65.8
148	67.8	32.2	96.6





#76
1,4-Dichlorobenzene
Concen: 0.418 ppbv
RT: 17.143 min Scan# 4459
Delta R.T. 0.019 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

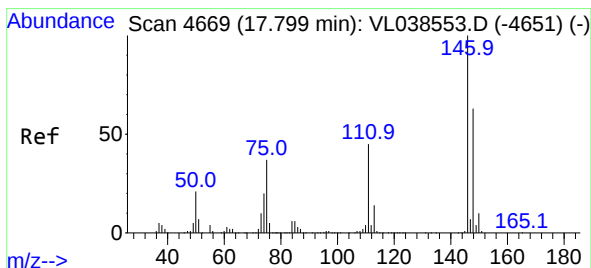
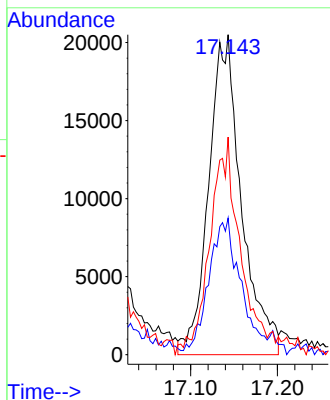
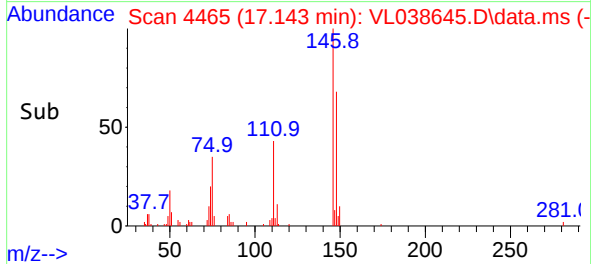
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT1-2022DL



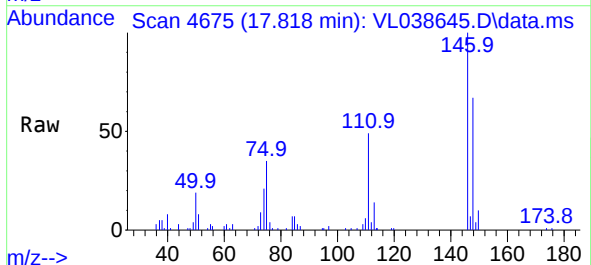
Tgt Ion:146 Resp: 5377
Ion Ratio Lower Upper
146 100
111 43.9 21.8 65.3
148 68.9 32.8 98.4

Manual Integrations
APPROVED

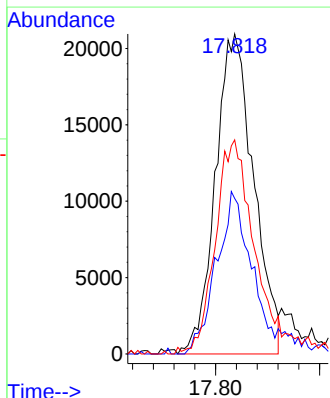
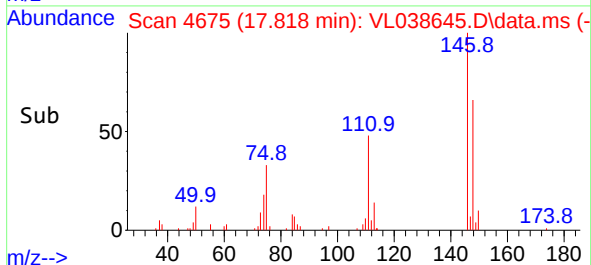
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

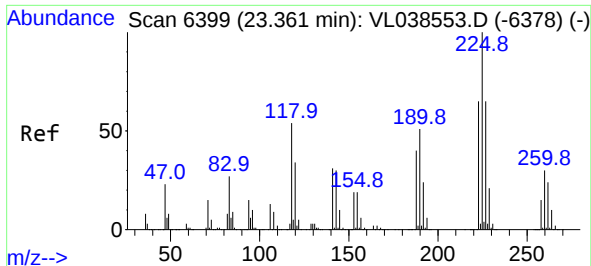


#77
1,2-Dichlorobenzene
Concen: 0.407 ppbv
RT: 17.818 min Scan# 4675
Delta R.T. 0.019 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39



Tgt Ion:146 Resp: 53480
Ion Ratio Lower Upper
146 100
111 51.7 23.2 69.5
148 72.3 32.6 98.0





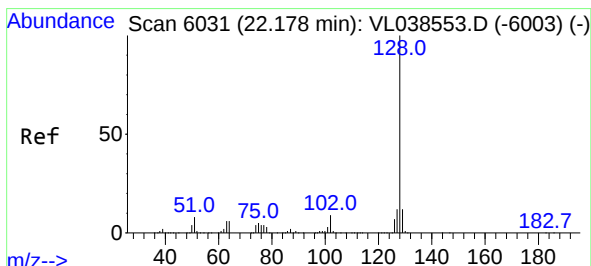
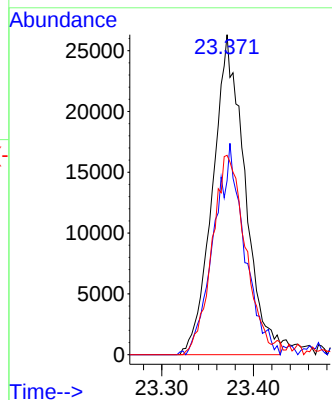
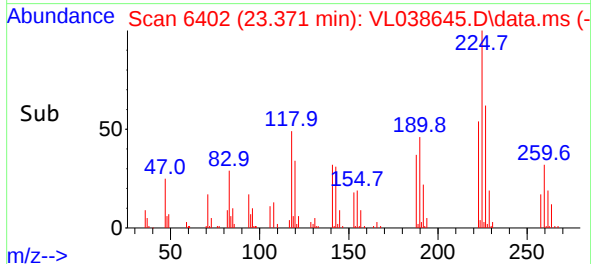
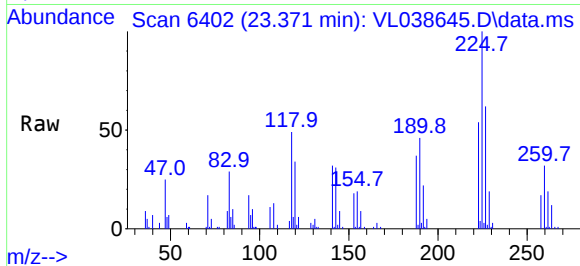
#78
Hexachloro-1,3-Butadiene
Concen: 0.500 ppbv
RT: 23.371 min Scan# 6402
Delta R.T. 0.010 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

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

Tgt Ion:225 Resp: 63994
Ion Ratio Lower Upper
225 100
223 64.3 51.4 77.0
227 66.5 51.9 77.9

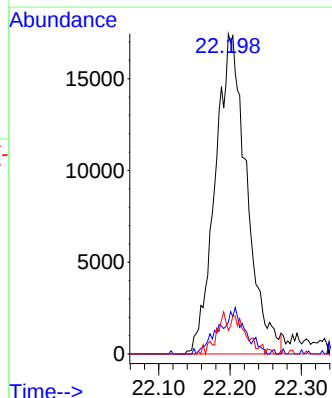
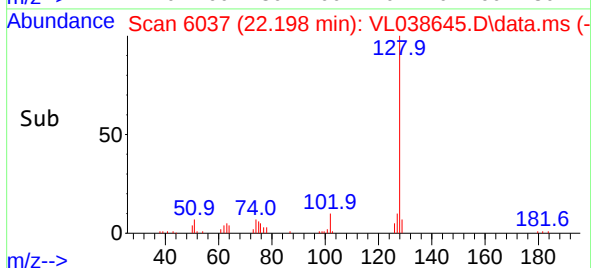
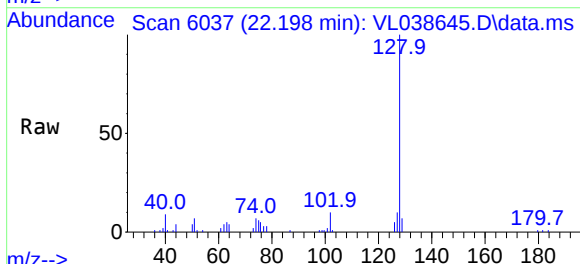
Manual Integrations
APPROVED

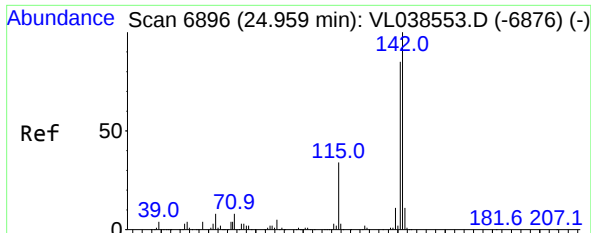
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#79
Naphthalene
Concen: 0.289 ppbv m
RT: 22.198 min Scan# 6037
Delta R.T. 0.019 min
Lab File: VL038645.D
Acq: 18 Mar 2022 3:39

Tgt Ion:128 Resp: 53423
Ion Ratio Lower Upper
128 100
127 9.9 9.9 14.9#
129 7.4 9.3 13.9#





#80

Naphthalene, 2-methyl-

Concen: 0.074 ppbv

RT: 24.976 min Scan# 6901

Delta R.T. 0.016 min

Lab File: VL038645.D

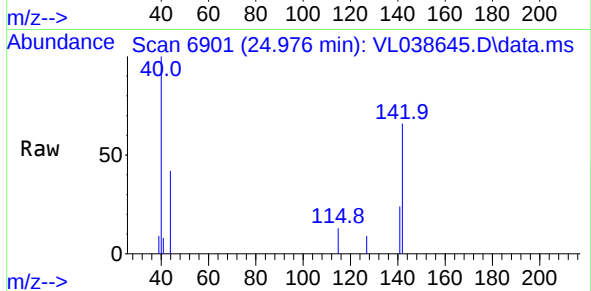
Acq: 18 Mar 2022 3:39

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT1-2022DL



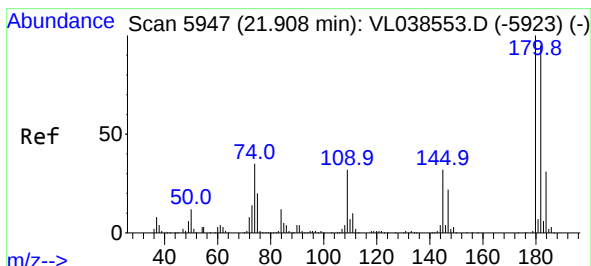
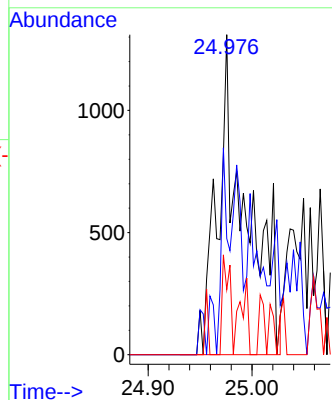
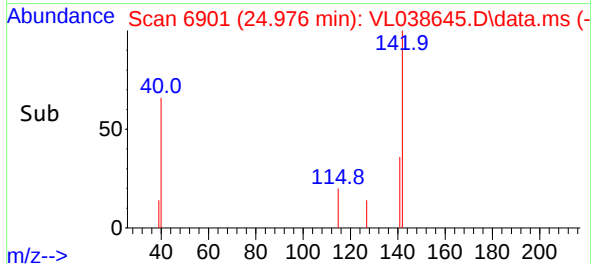
Tgt Ion:	142	Resp:	2410
Ion Ratio	Lower	Upper	
142	100		
141	73.7	68.4	102.6
115	15.2	27.9	41.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022

Supervised By :Mahesh Dadoda 03/21/2022



#81

1,2,4-Trichlorobenzene

Concen: 0.336 ppbv m

RT: 21.924 min Scan# 5952

Delta R.T. 0.016 min

Lab File: VL038645.D

Acq: 18 Mar 2022 3:39

Tgt Ion:	180	Resp:	39798
Ion Ratio	Lower	Upper	
180	100		
182	98.1	79.1	118.7
184	31.3	25.0	37.6

