

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022422\
 Data File : VL038433.D
 Acq On : 24 Feb 2022 13:16
 Operator : SY/AP
 Sample : VL0224ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0224ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/26/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 25 00:43:31 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.639	49	852837	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.140	114	2082812	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.044	117	2047236	10.000	ppbv	#-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.375 95 1615721 9.538 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.031	85	1191512	8.821	ppbv	97
3) Chlorodifluoromethane	2.973	51	1491050	9.901	ppbv	99
4) Chloromethane	3.124	50	507276	9.694	ppbv	100
5) Vinyl Chloride	3.240	62	507999	9.287	ppbv	100
6) Bromomethane	3.452	94	292320	10.131	ppbv	94
7) Chloroethane	3.536	64	179806	10.234	ppbv	94
8) Dichlorotetrafluoroethane	3.173	85	1270358	10.110	ppbv	99
9) Propene	2.993	41	481676	9.687	ppbv	98
10) Heptane	8.086	43	1258223	10.395	ppbv	100
11) Trichlorofluoromethane	3.928	101	1295108	10.014	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.459	101	932830	9.838	ppbv	99
13) Ethanol	3.594	45	38483	7.755	ppbv	92
14) Bromoethene	3.719	108	385396	10.203	ppbv	98
15) Acetone	3.825	43	619954	8.548	ppbv	99
16) 1,3-Butadiene	3.308	39	504482	10.414	ppbv	98
17) tert-Butyl alcohol	4.259	59	796883	11.013	ppbv	99
18) 1,1-Dichloroethene	4.266	96	412717	9.914	ppbv	99
19) Isopropyl Alcohol	3.944	45	398200	9.482	ppbv	99
20) Methylene Chloride	4.321	84	328446	9.140	ppbv	96
21) Allyl Chloride	4.388	41	610320	9.963	ppbv	98
22) trans-1,2-Dichloroethene	4.857	96	434135	10.336	ppbv	94
23) Vinyl Acetate	5.044	43	967853	10.070	ppbv	99
24) 1,1-Dichloroethane	4.983	63	859453	9.946	ppbv	99
25) Ethyl Acetate	5.645	43	1900272	9.752	ppbv	100
26) Hexane	5.658	57	878351	9.954	ppbv	99
27) Carbon Disulfide	4.523	76	1035478	10.550	ppbv	99
28) Methyl tert-Butyl Ether	5.005	73	895774	9.967	ppbv	99
29) Chloroform	5.719	83	1472391	10.224	ppbv	99
30) Cyclohexane	7.095	84	763570	10.581	ppbv	97
31) cis-1,2-Dichloroethene	5.520	61	866556	10.137	ppbv	97
32) 1,1,1-Trichloroethane	6.478	97	1473133	10.171	ppbv	99
34) 2-Butanone	5.214	43	666272	10.171	ppbv	98
35) Carbon Tetrachloride	6.983	117	1528160	10.434	ppbv	98
36) Benzene	6.857	78	1857668	10.131	ppbv	98
37) 1,2-Dichloroethane	6.275	62	1111480	10.490	ppbv	100
38) Trichloroethene	7.799	130	656220	9.826	ppbv	97
39) 1,2-Dichloropropane	7.578	63	727992	9.968	ppbv	96
40) 1,4-Dioxane	7.806	88	126119m	7.280	ppbv	
41) Tetrahydrofuran	6.018	42	463926	10.482	ppbv	99
42) Bromodichloromethane	7.754	83	1575733	10.299	ppbv	99
43) Methyl Methacrylate	7.980	69	689061	10.810	ppbv	100
44) 2,2,4-Trimethylpentane	7.835	57	3179930	10.090	ppbv	99
45) t-1,3-Dichloropropene	9.240	75	556463	10.923	ppbv	99

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Quant Time: Feb 25 00:43:31 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL02222AIR.M

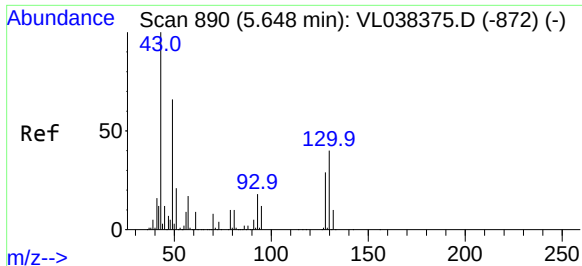
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.664	75	711124	10.651	ppbv	96
47) 1,1,2-Trichloroethane	9.433	97	732265	10.078	ppbv	96
48) Dibromochloromethane	10.262	129	1213511	10.214	ppbv	99
49) Bromoform	12.999	173	826932	9.429	ppbv	100
50) 4-Methyl-2-Pentanone	8.703	43	1273736	10.998	ppbv	100
51) 2-Hexanone	10.098	43	541158	10.437	ppbv #	99
52) Tetrachloroethene	11.182	164	555536	9.127	ppbv	96
53) Toluene	9.767	91	2043791	10.266	ppbv	100
54) 1,2-Dibromoethane	10.571	107	1041653	10.184	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.085	131	788332	9.238	ppbv	99
57) Chlorobenzene	12.105	112	1390041	8.800	ppbv	97
58) Ethyl Benzene	12.667	91	2640324	9.431	ppbv	99
59) m/p-Xylene	12.954	91	4418155m	18.376	ppbv	
60) o-Xylene	13.651	91	2050142	9.020	ppbv	100
61) Styrene	13.487	104	992593	9.469	ppbv	98
62) Isopropylbenzene	14.626	105	2680434	8.787	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.635	83	1344092	7.279	ppbv	98
64) n-propylbenzene	15.523	120	645973	8.553	ppbv	89
65) tert-Butylbenzene	16.703	119	2147971	8.130	ppbv	99
66) Benzyl Chloride	16.944	91	99040m	6.937	ppbv	
67) sec-Butylbenzene	17.252	105	2999944	8.014	ppbv	98
69) p-Isopropyltoluene	17.609	119	2378680	8.089	ppbv	99
70) n-Butylbenzene	18.506	91	2552879	8.389	ppbv	99
71) 2-Chlorotoluene	15.410	91	1893369	8.072	ppbv	99
72) 4-Ethyltoluene	15.796	105	2143847	8.561	ppbv	99
73) 1,3,5-Trimethylbenzene	15.957	105	1839678	8.090	ppbv	100
74) 1,2,4-Trimethylbenzene	16.722	105	1970443	8.207	ppbv	97
75) 1,3-Dichlorobenzene	16.953	146	1017048	7.563	ppbv	99
76) 1,4-Dichlorobenzene	17.095	146	982212	7.407	ppbv	99
77) 1,2-Dichlorobenzene	17.773	146	970480	7.497	ppbv	99
78) Hexachloro-1,3-Butadiene	23.333	225	799836	8.102	ppbv	99
79) Naphthalene	22.140	128	1509860	11.606	ppbv	99
80) Naphthalene,2-methyl-	24.937	142	253121	9.956	ppbv	94
81) 1,2,4-Trichlorobenzene	21.873	180	800712	10.180	ppbv	98

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



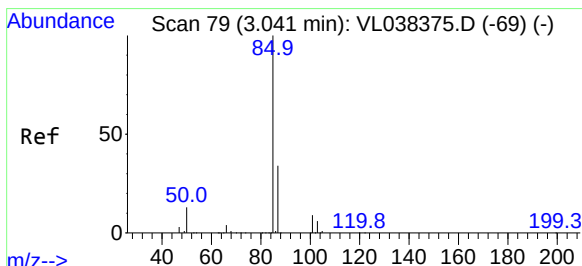
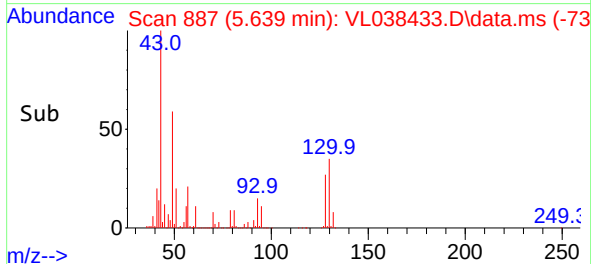
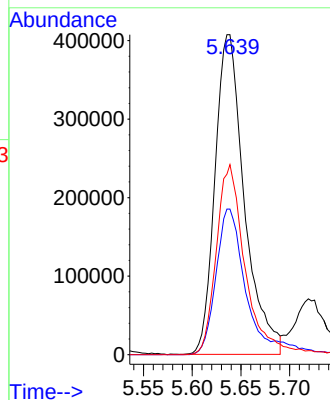
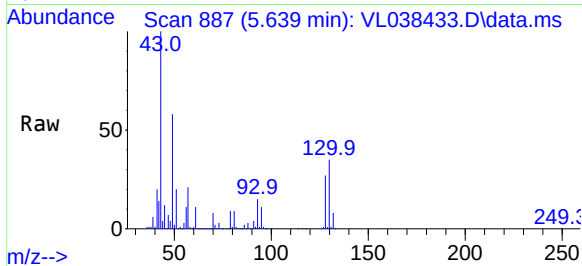
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.639 min Scan# 81
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tgt Ion: 49 Resp: 85283
Ion Ratio Lower Upper
49 100
128 48.4 24.3 72.9
130 59.8 30.1 90.5

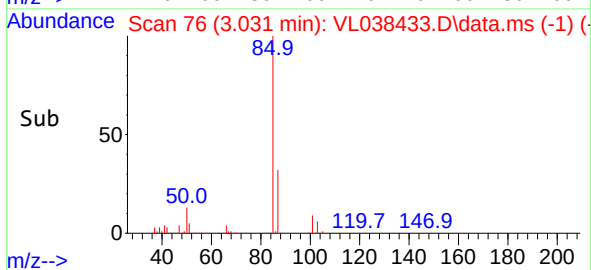
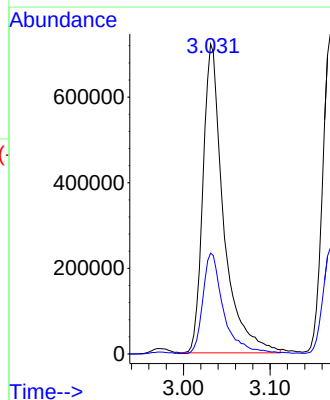
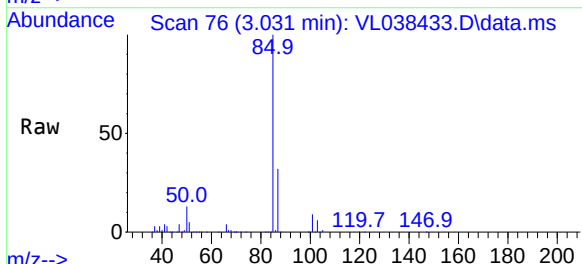
Manual Integrations
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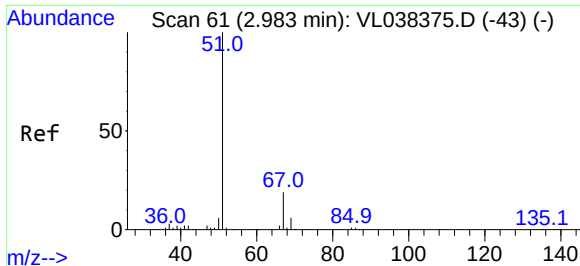
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022



#2
Dichlorodifluoromethane
Concen: 8.821 ppbv
RT: 3.031 min Scan# 76
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Tgt Ion: 85 Resp: 1191512
Ion Ratio Lower Upper
85 100
87 32.5 27.4 41.0





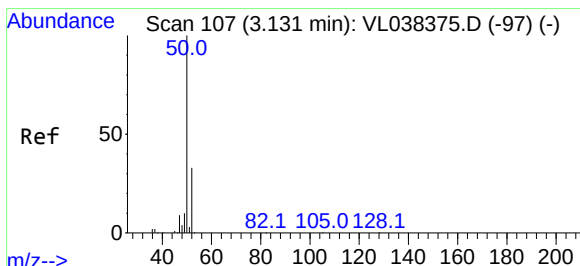
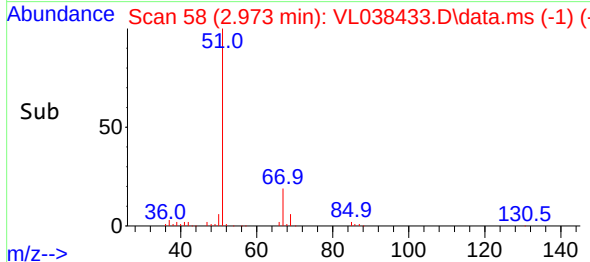
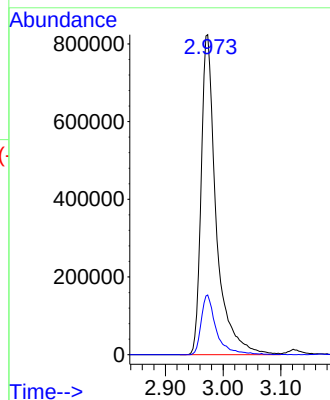
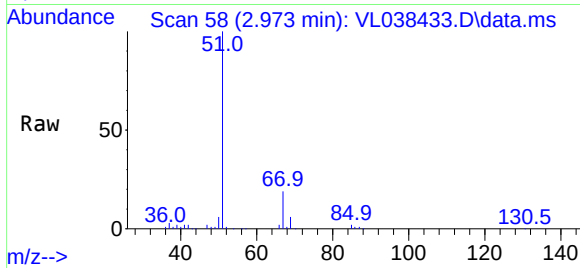
#3
Chlorodifluoromethane
Concen: 9.901 ppbv
RT: 2.973 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tgt Ion: 51 Resp: 1491050
Ion Ratio Lower Upper
51 100
67 18.8 14.7 22.1

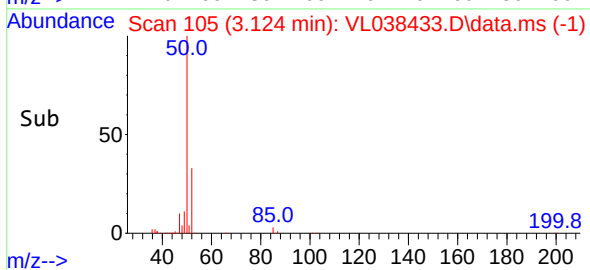
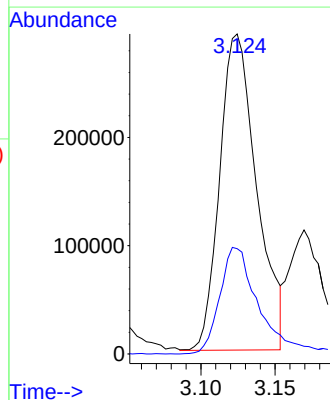
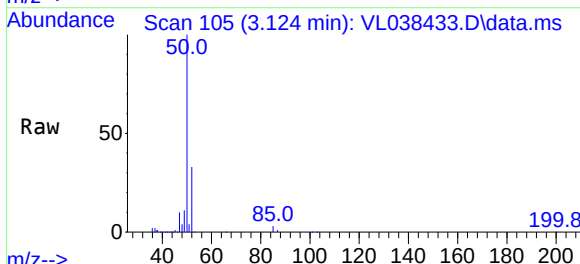
Manual Integrations
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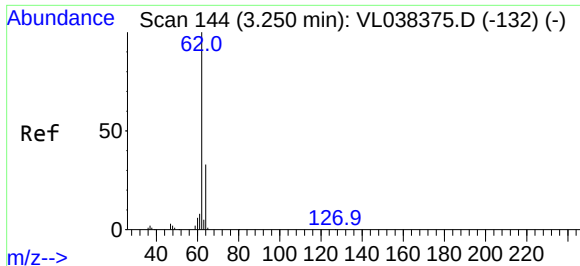
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022



#4
Chloromethane
Concen: 9.694 ppbv
RT: 3.124 min Scan# 105
Delta R.T. -0.006 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

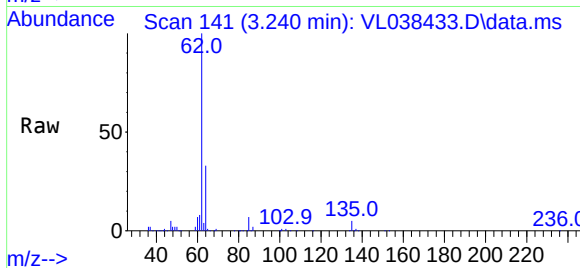
Tgt Ion: 50 Resp: 507276
Ion Ratio Lower Upper
50 100
52 33.3 26.5 39.7





#5
 Vinyl Chloride
 Concen: 9.287 ppbv
 RT: 3.240 min Scan# 144
 Delta R.T. -0.010 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

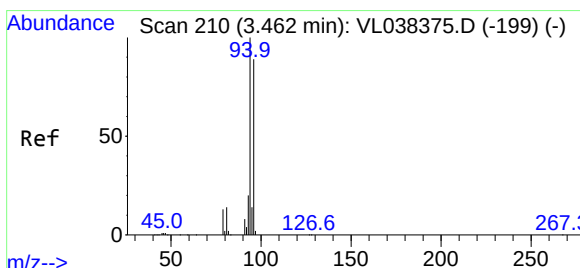
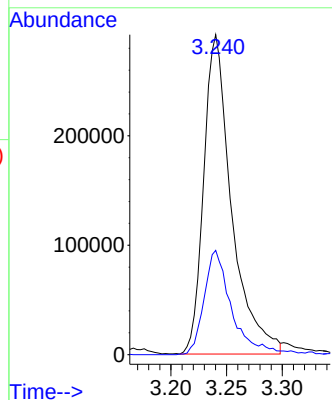
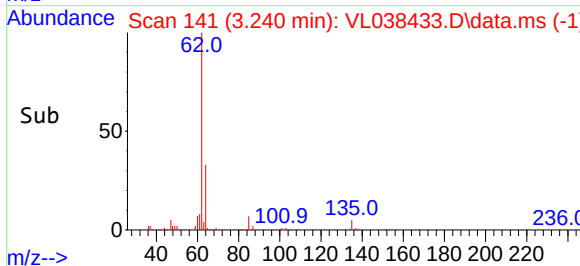
Instrument : MSVOA_L
 ClientSampleId : VL0224ABS01



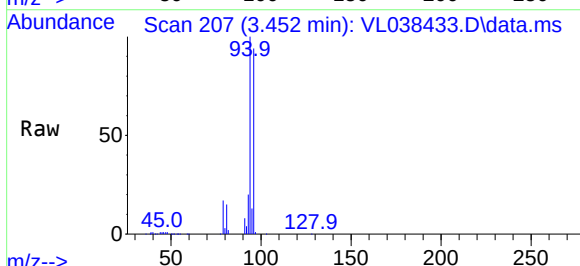
Tgt Ion: 62 Resp: 507999
 Ion Ratio Lower Upper
 62 100
 64 32.5 26.2 39.2

Manual Integrations
 APPROVED

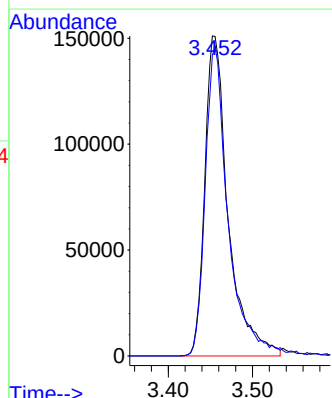
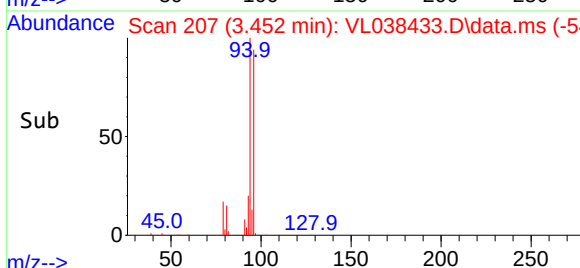
Reviewed By :Semsettin Yesilyurt 02/26/2022
 Supervised By :Mahesh Dadoda 02/28/2022

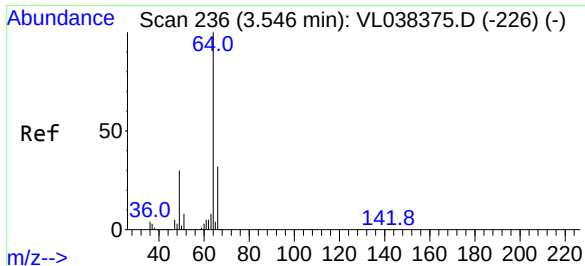


#6
 Bromomethane
 Concen: 10.131 ppbv
 RT: 3.452 min Scan# 207
 Delta R.T. -0.010 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16



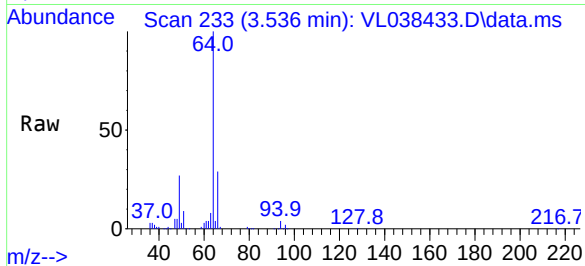
Tgt Ion: 94 Resp: 292320
 Ion Ratio Lower Upper
 94 100
 96 93.9 71.0 106.6





#7
Chloroethane
Concen: 10.234 ppbv
RT: 3.536 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

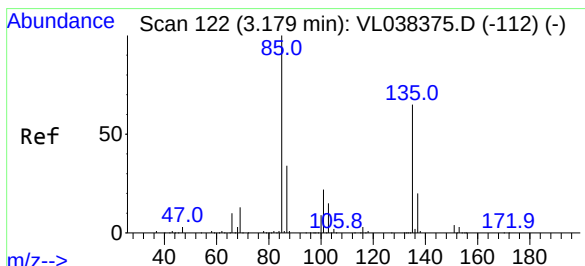
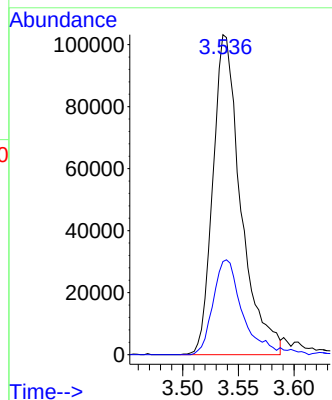
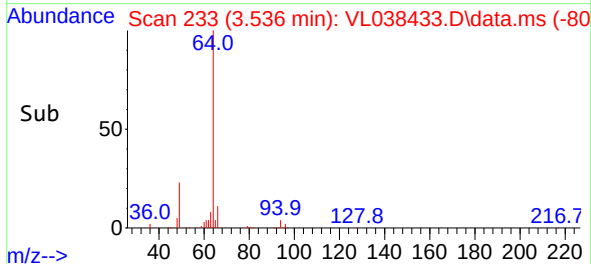
Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01



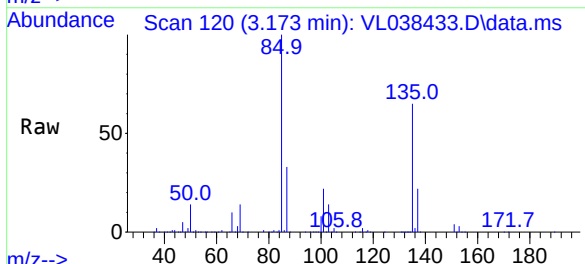
Tgt Ion: 64 Resp: 179800
Ion Ratio Lower Upper
64 100
66 29.1 25.9 38.9

Manual Integrations
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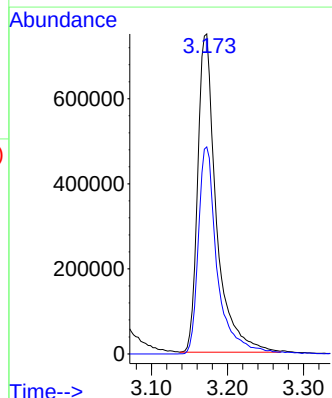
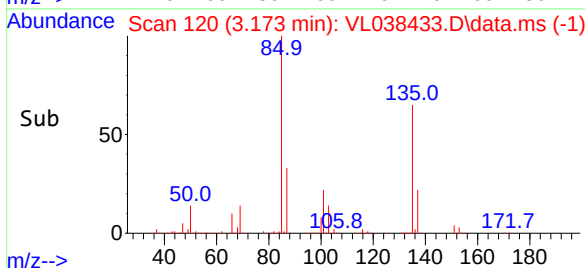
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022

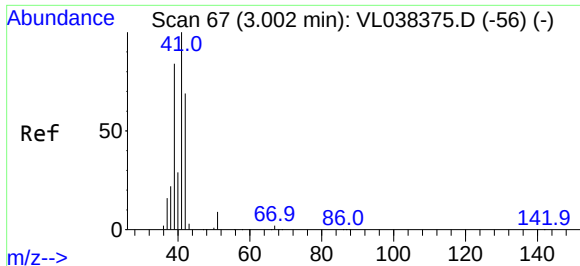


#8
Dichlorotetrafluoroethane
Concen: 10.110 ppbv
RT: 3.173 min Scan# 120
Delta R.T. -0.006 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16



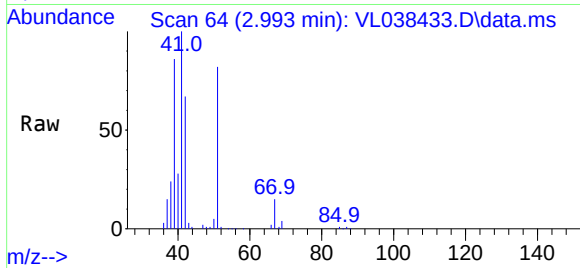
Tgt Ion: 85 Resp: 1270358
Ion Ratio Lower Upper
85 100
135 66.9 54.1 81.1





#9
Propene
Concen: 9.687 ppbv
RT: 2.993 min Scan# 64
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

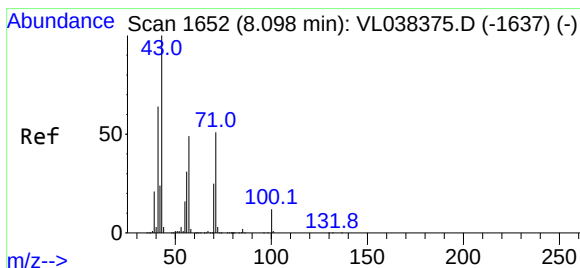
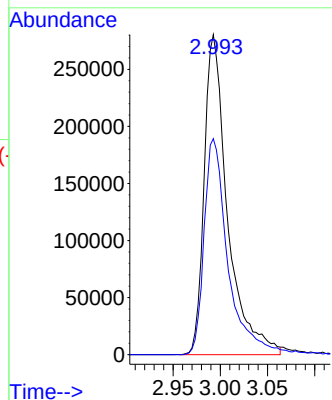
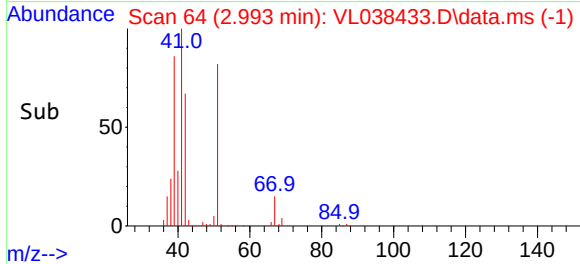
Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01



Tgt Ion: 41 Resp: 481670
Ion Ratio Lower Upper
41 100
42 69.8 54.6 82.0

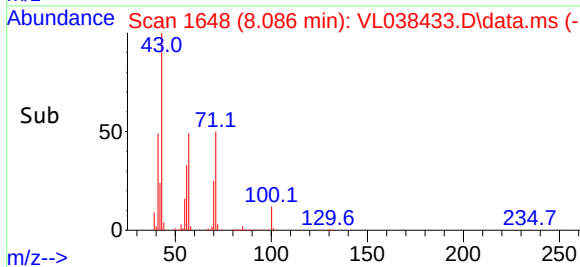
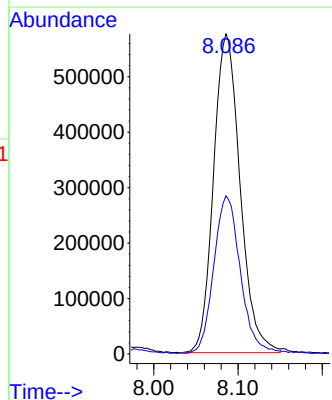
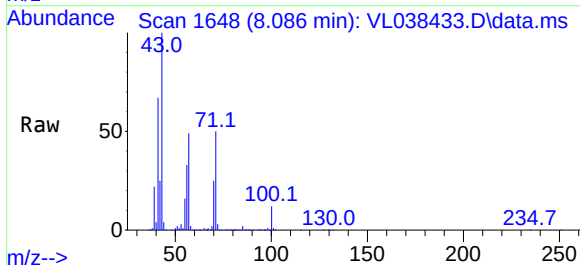
Manual Integrations
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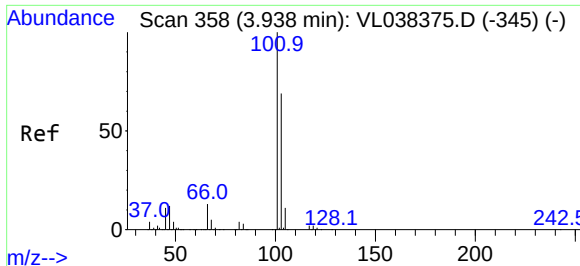
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022



#10
Heptane
Concen: 10.395 ppbv
RT: 8.086 min Scan# 1648
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

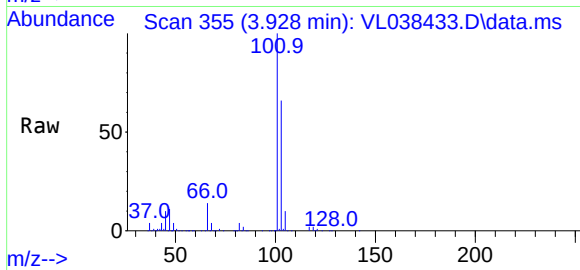
Tgt Ion: 43 Resp: 1258223
Ion Ratio Lower Upper
43 100
57 50.1 39.8 59.8





#11
Trichlorofluoromethane
Concen: 10.014 ppbv
RT: 3.928 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

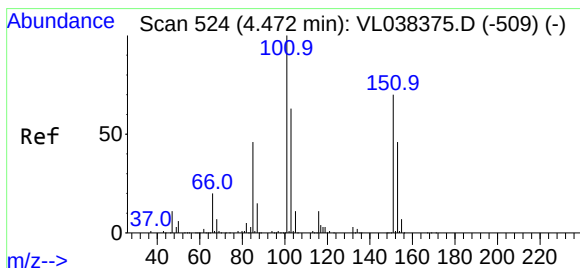
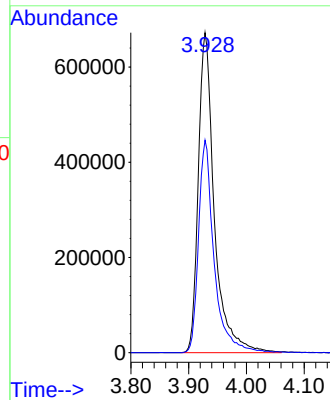
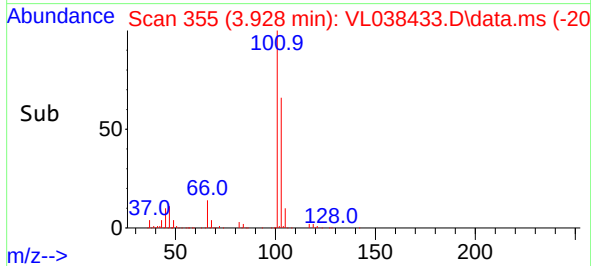
Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01



Tgt Ion:101 Resp: 1295108
Ion Ratio Lower Upper
101 100
103 66.4 55.0 82.4

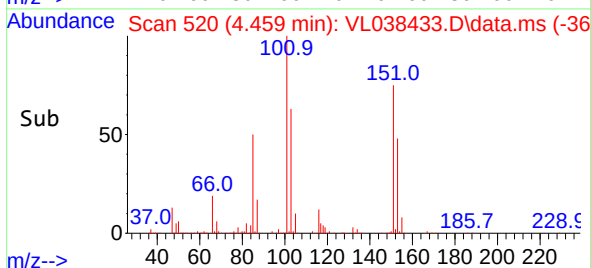
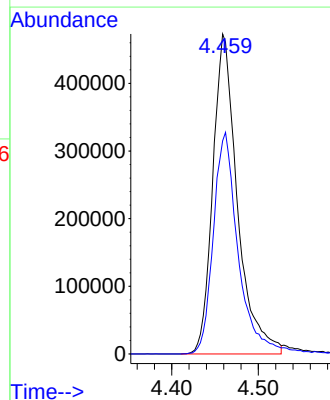
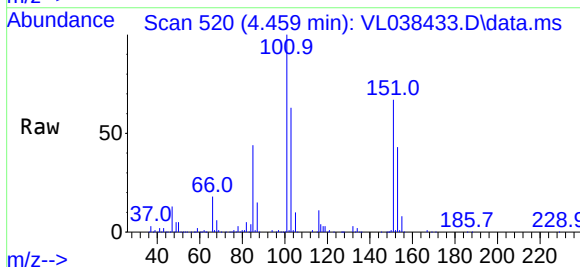
Manual Integrations
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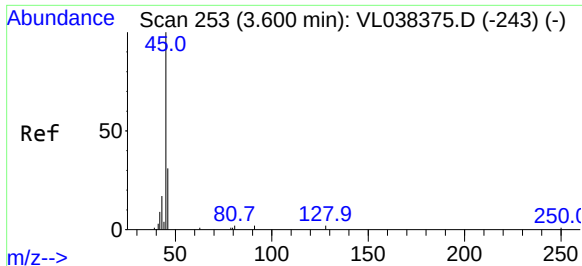
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.838 ppbv
RT: 4.459 min Scan# 520
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Tgt Ion:101 Resp: 932830
Ion Ratio Lower Upper
101 100
151 70.8 55.9 83.9





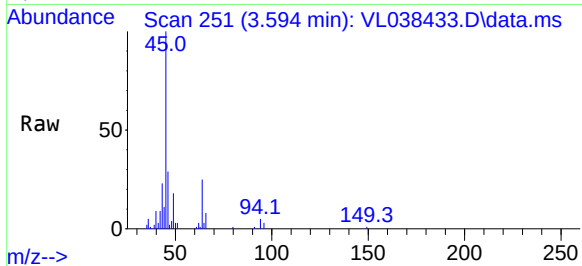
#13
Ethanol
Concen: 7.755 ppbv
RT: 3.594 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0224ABS01

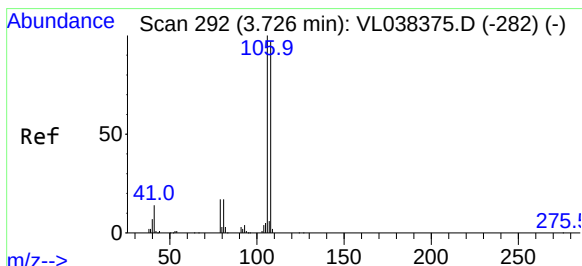
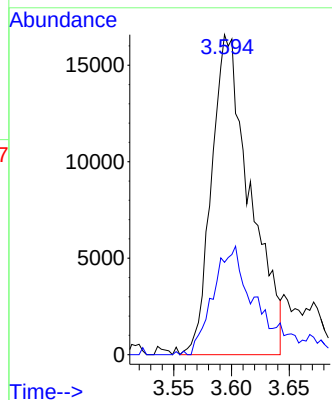
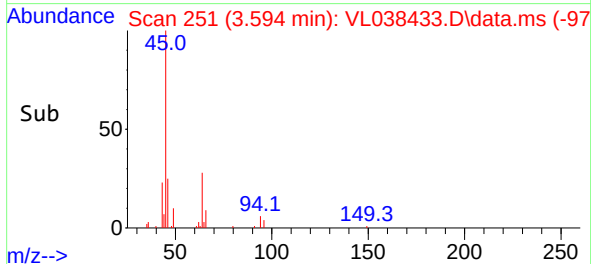


Tgt Ion: 45 Resp: 3848
Ion Ratio Lower Upper
45 100
46 40.5 18.2 72.8

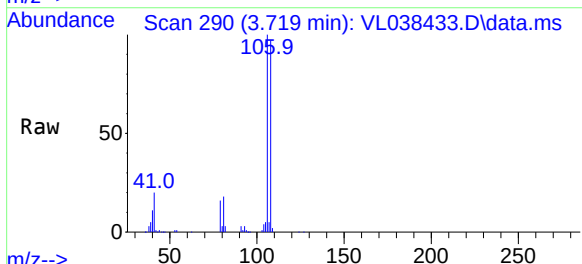
Manual Integrations

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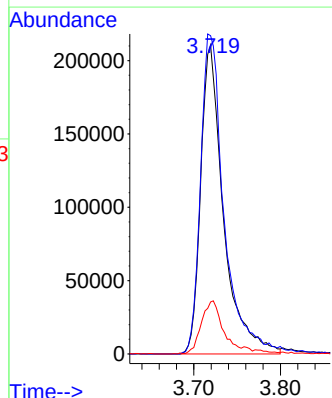
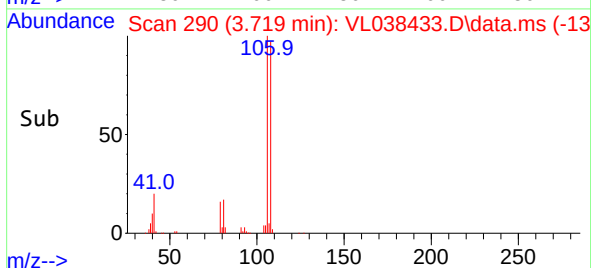
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022

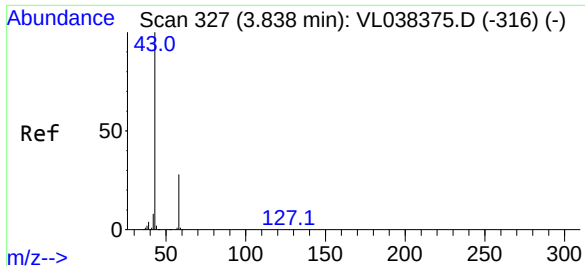


#14
Bromoethene
Concen: 10.203 ppbv
RT: 3.719 min Scan# 290
Delta R.T. -0.006 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16



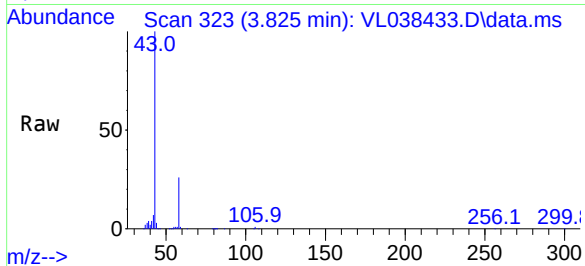
Tgt Ion:108 Resp: 385396
Ion Ratio Lower Upper
108 100
106 108.3 88.4 132.6
79 18.4 15.0 22.6





#15
Acetone
Concen: 8.548 ppbv
RT: 3.825 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

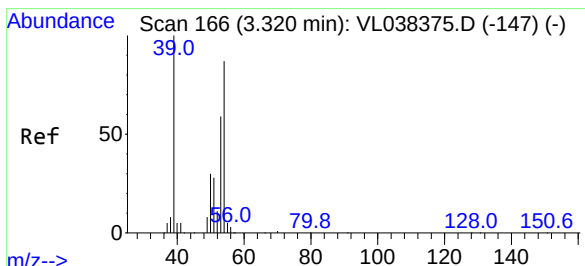
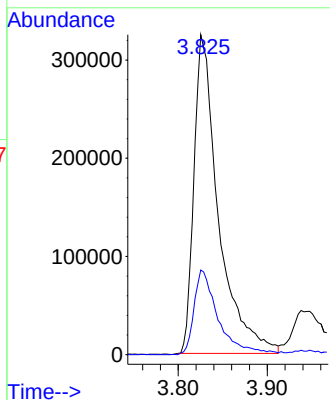
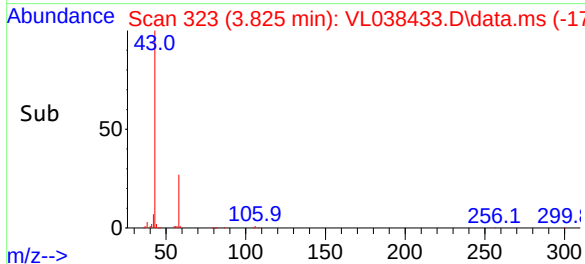
Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01



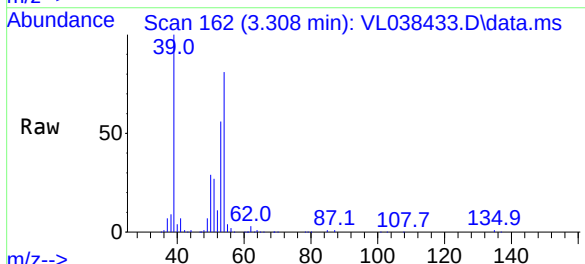
Tgt Ion: 43 Resp: 619954
Ion Ratio Lower Upper
43 100
58 26.4 21.7 32.5

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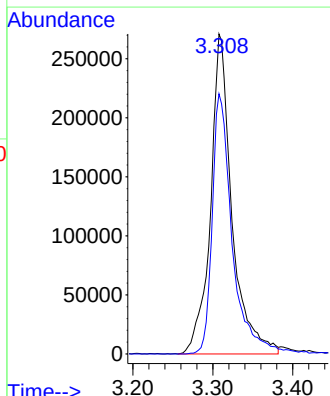
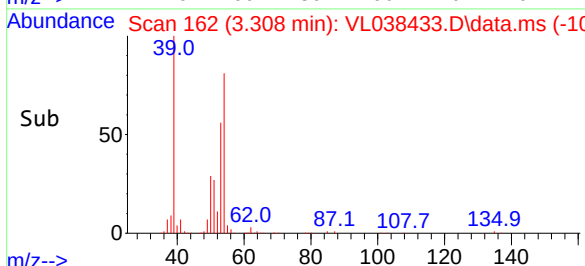
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022

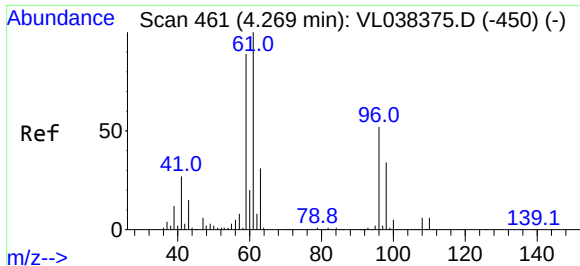


#16
1,3-Butadiene
Concen: 10.414 ppbv
RT: 3.308 min Scan# 162
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16



Tgt Ion: 39 Resp: 504482
Ion Ratio Lower Upper
39 100
54 76.9 60.3 90.5





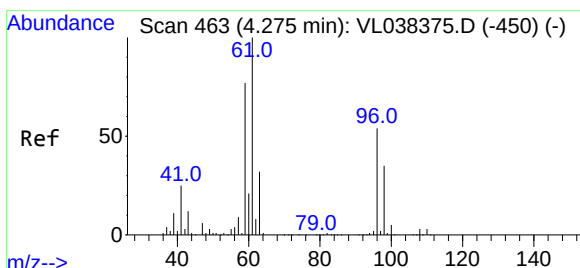
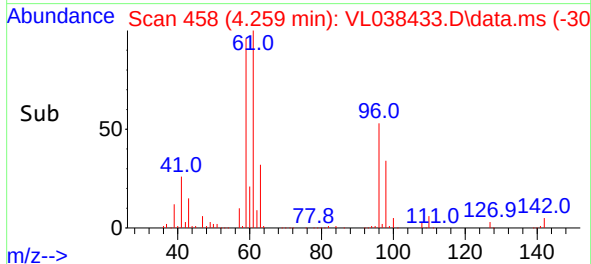
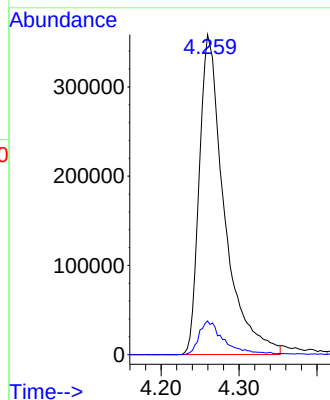
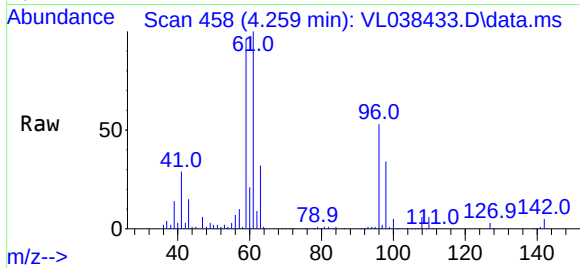
#17
tert-Butyl alcohol
Concen: 11.013 ppbv
RT: 4.259 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tgt Ion: 59 Resp: 79688
Ion Ratio Lower Upper
59 100
57 10.9 8.4 12.6

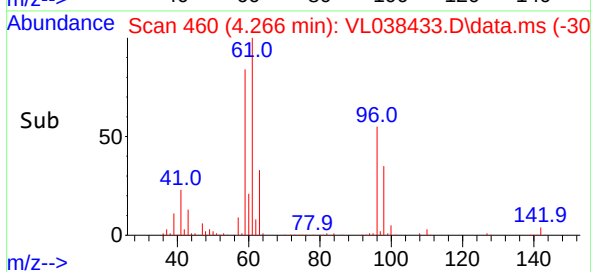
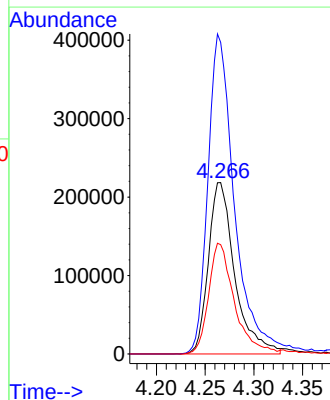
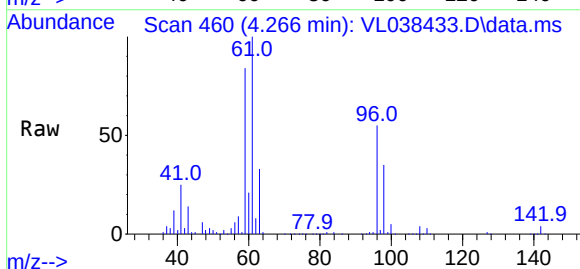
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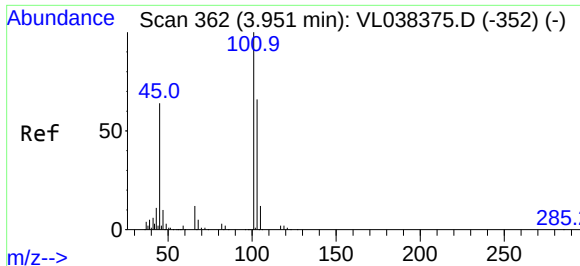
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022



#18
1,1-Dichloroethene
Concen: 9.914 ppbv
RT: 4.266 min Scan# 460
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

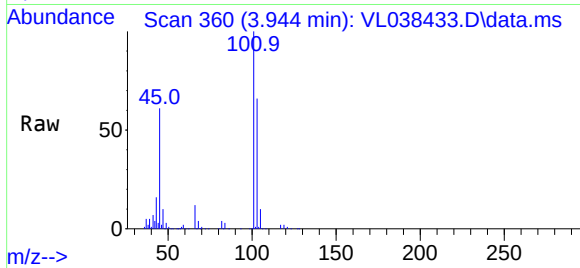
Tgt Ion: 96 Resp: 412717
Ion Ratio Lower Upper
96 100
61 181.9 146.8 220.2
98 63.8 51.5 77.3





#19
Isopropyl Alcohol
Concen: 9.482 ppbv
RT: 3.944 min Scan# 30
Delta R.T. -0.006 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

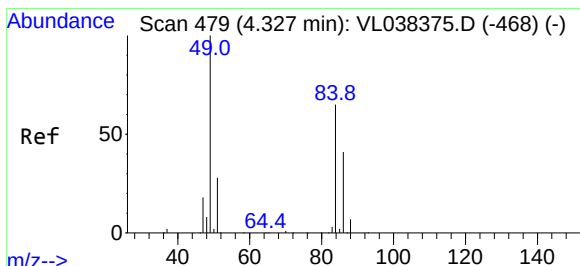
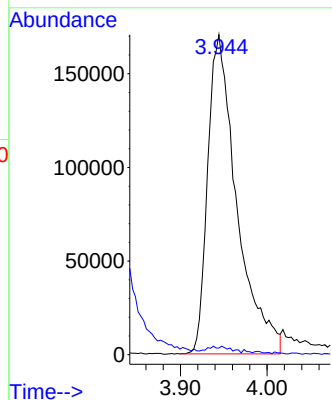
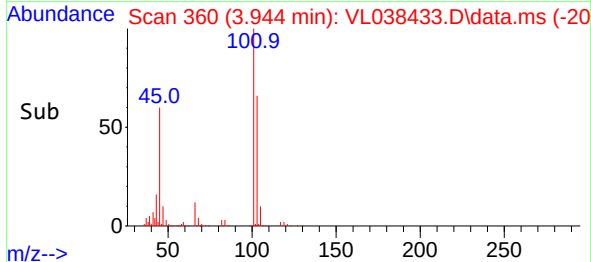
Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01



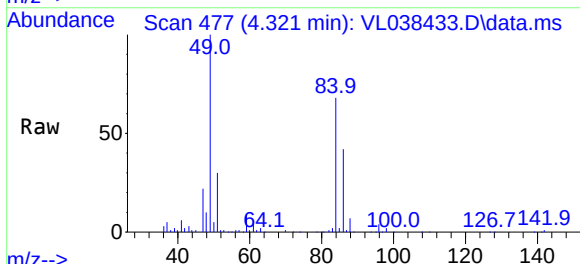
Tgt Ion: 45 Resp: 398200
Ion Ratio Lower Upper
45 100
58 2.6 1.8 2.8

Manual Integrations
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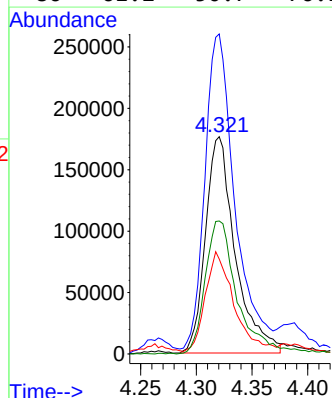
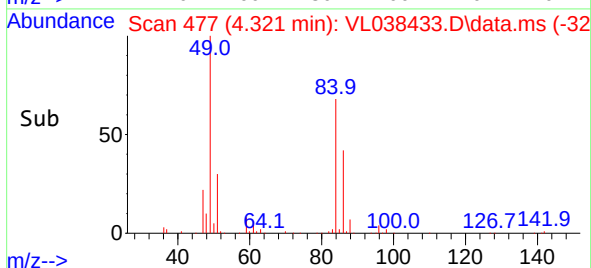
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022

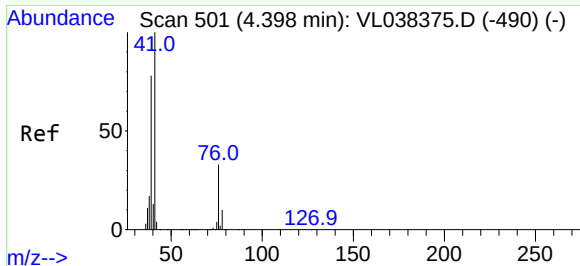


#20
Methylene Chloride
Concen: 9.140 ppbv
RT: 4.321 min Scan# 477
Delta R.T. -0.006 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16



Tgt Ion: 84 Resp: 328446
Ion Ratio Lower Upper
84 100
49 145.6 122.4 183.6
51 42.4 33.3 49.9
86 61.2 50.7 76.1





#21

Allyl Chloride

Concen: 9.963 ppbv

RT: 4.388 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL038433.D

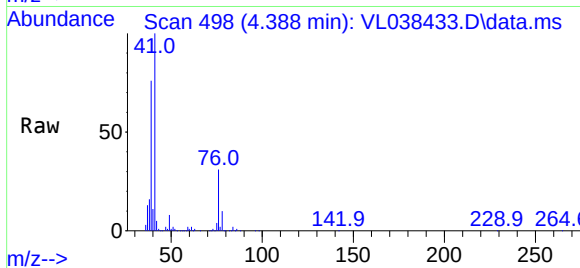
Acq: 24 Feb 2022 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0224ABS01



Tgt Ion: 41 Resp: 610320

Ion Ratio Lower Upper

41 100

76 30.8 25.4 38.0

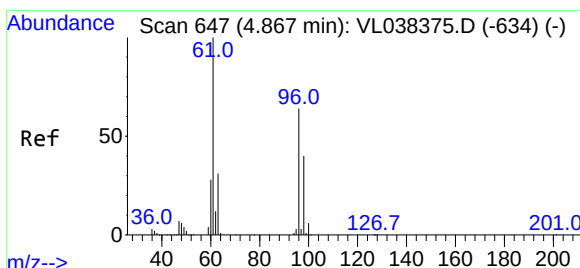
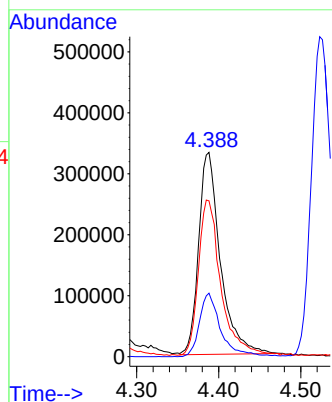
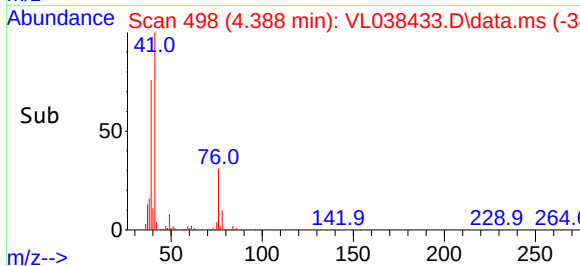
39 80.4 63.0 94.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/26/2022

Supervised By :Mahesh Dadoda 02/28/2022



#22

trans-1,2-Dichloroethene

Concen: 10.336 ppbv

RT: 4.857 min Scan# 644

Delta R.T. -0.010 min

Lab File: VL038433.D

Acq: 24 Feb 2022 13:16

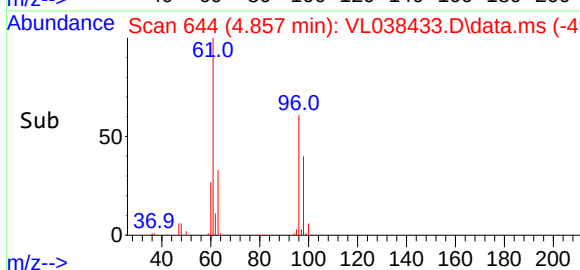
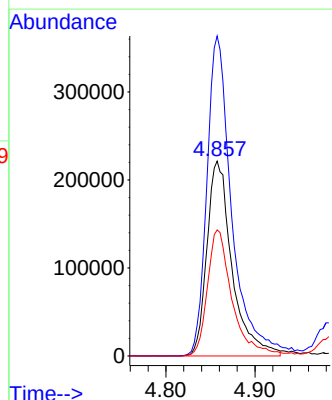
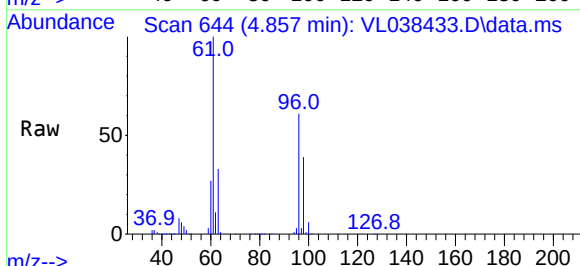
Tgt Ion: 96 Resp: 434135

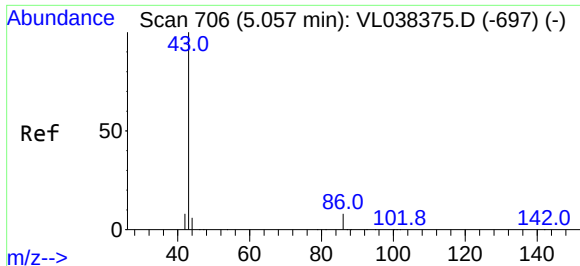
Ion Ratio Lower Upper

96 100

61 164.1 124.2 186.4

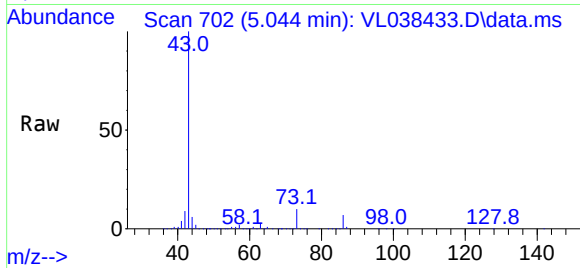
98 64.6 49.1 73.7





#23
 Vinyl Acetate
 Concen: 10.070 ppbv
 RT: 5.044 min Scan# 706
 Delta R.T. -0.013 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0224ABS01

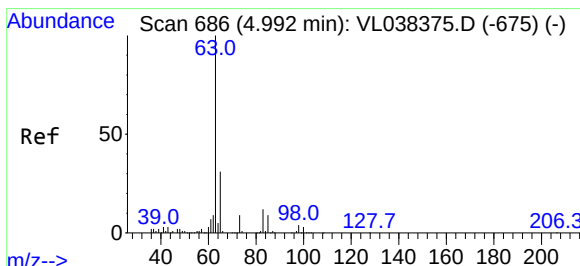
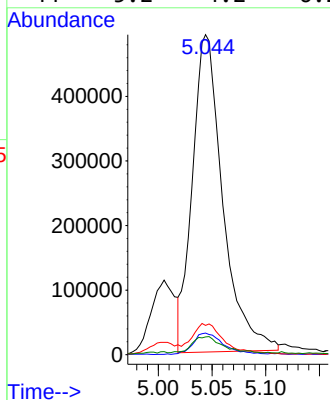
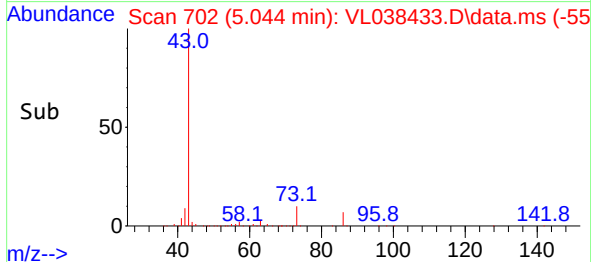


Tgt Ion: 43 Resp: 96785

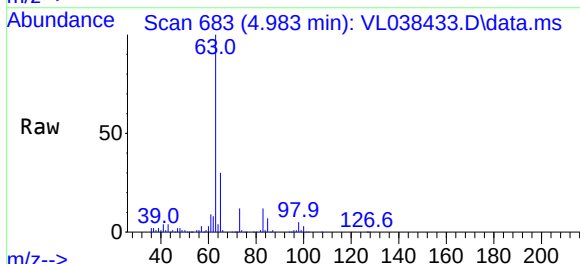
Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.8	8.6
42	9.1	7.4	11.0
44	5.2	4.2	6.2

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 02/26/2022
 Supervised By :Mahesh Dadoda 02/28/2022

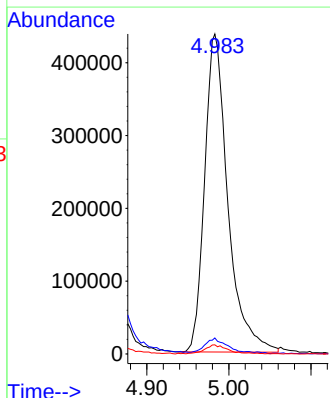
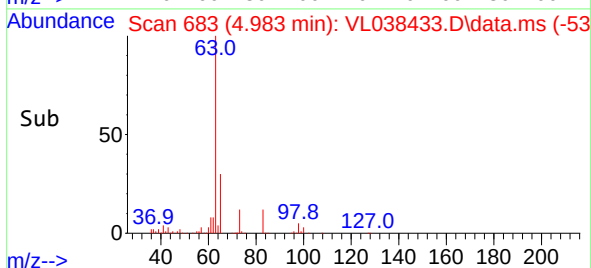


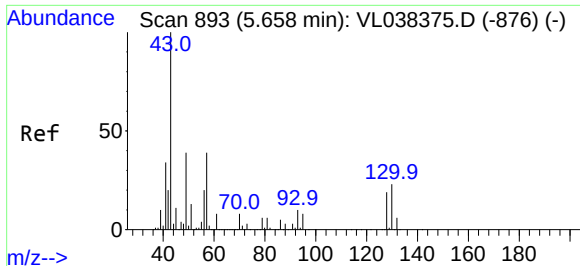
#24
 1,1-Dichloroethane
 Concen: 9.946 ppbv
 RT: 4.983 min Scan# 683
 Delta R.T. -0.010 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16



Tgt Ion: 63 Resp: 859453

Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.1	6.5
100	2.7	1.4	4.2





#25

Ethyl Acetate

Concen: 9.752 ppbv

RT: 5.645 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL038433.D

Acq: 24 Feb 2022 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0224ABS01

Tgt Ion: 43 Resp: 190027

Ion Ratio Lower Upper

43 100

45 9.9 7.8 11.6

61 9.4 7.5 11.3

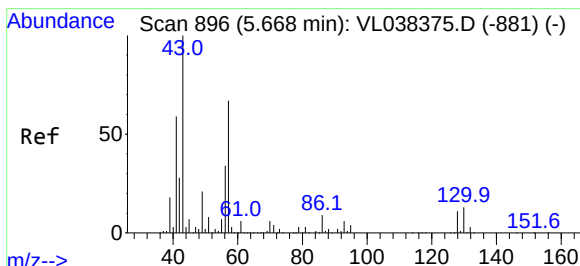
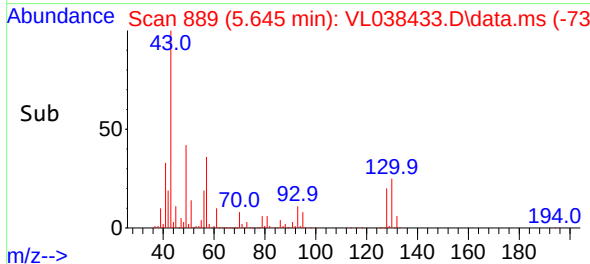
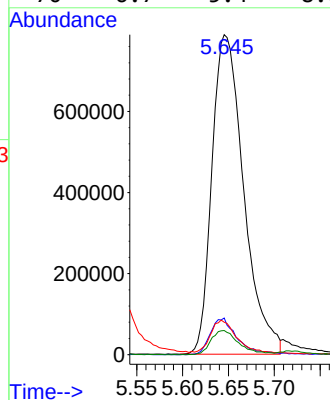
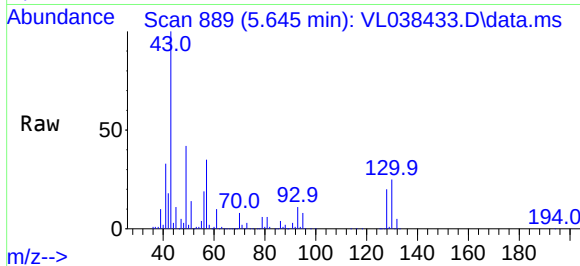
70 6.7 5.4 8.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/26/2022

Supervised By :Mahesh Dadoda 02/28/2022



#26

Hexane

Concen: 9.954 ppbv

RT: 5.658 min Scan# 893

Delta R.T. -0.010 min

Lab File: VL038433.D

Acq: 24 Feb 2022 13:16

Tgt Ion: 57 Resp: 878351

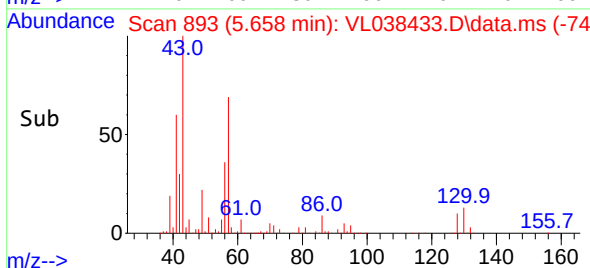
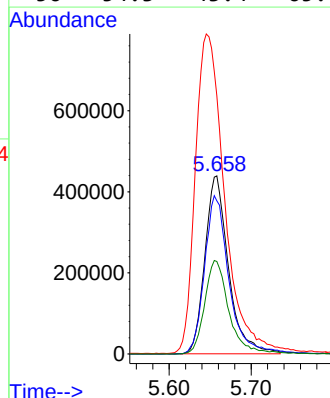
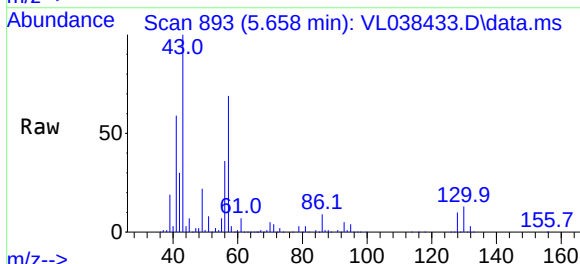
Ion Ratio Lower Upper

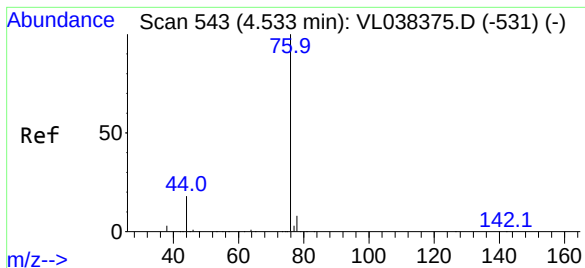
57 100

41 92.6 73.1 109.7

43 224.5 181.0 271.4

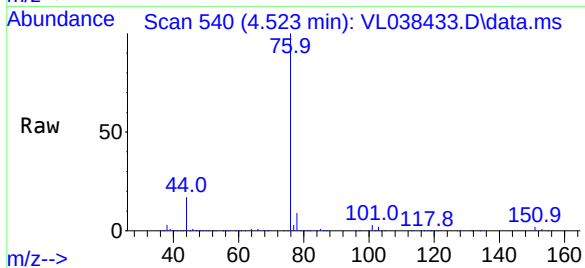
56 54.3 43.4 65.0





#27
Carbon Disulfide
Concen: 10.550 ppbv
RT: 4.523 min Scan# 543
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

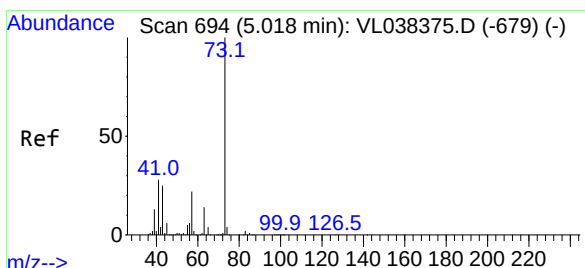
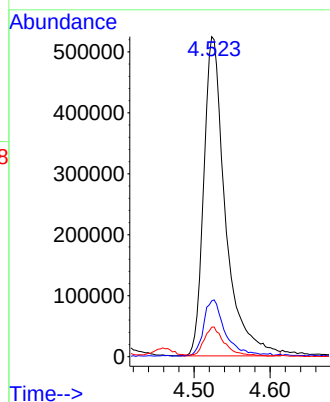
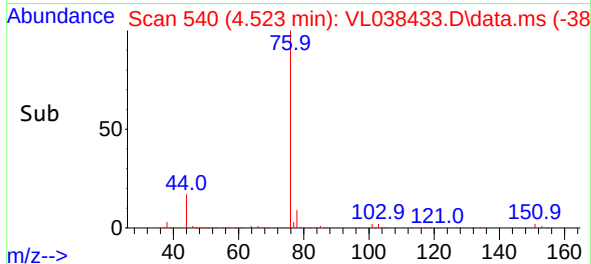
Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01



Tgt Ion: 76 Resp: 1035478
Ion Ratio Lower Upper
76 100
44 17.6 14.2 21.2
78 9.3 7.8 11.6

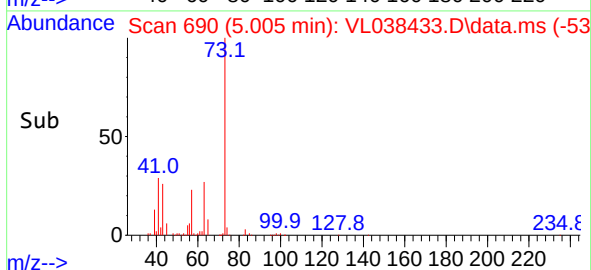
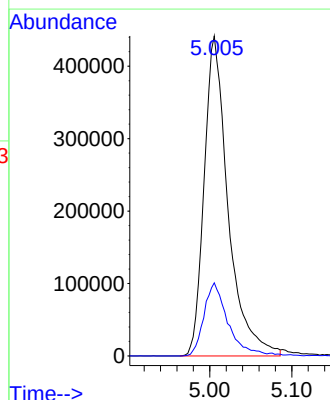
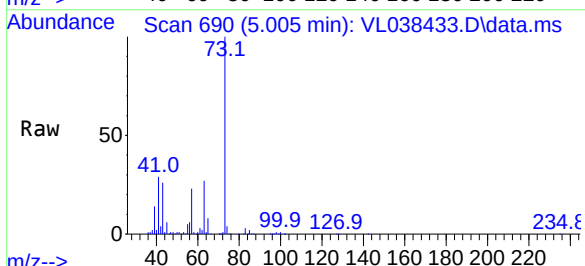
Manual Integrations
APPROVED

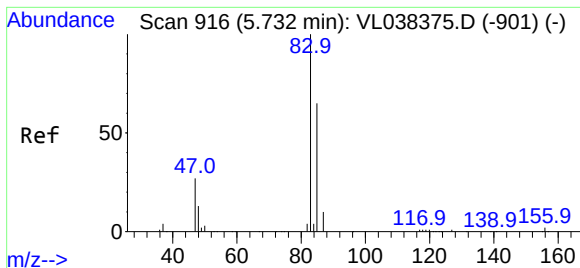
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022



#28
Methyl tert-Butyl Ether
Concen: 9.967 ppbv
RT: 5.005 min Scan# 690
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

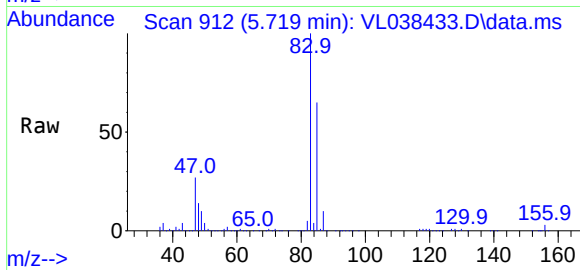
Tgt Ion: 73 Resp: 895774
Ion Ratio Lower Upper
73 100
57 23.4 18.2 27.4





#29
Chloroform
Concen: 10.224 ppbv
RT: 5.719 min Scan# 916
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

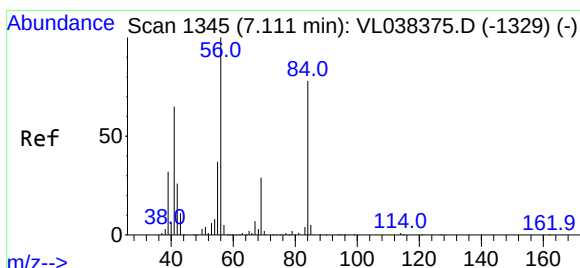
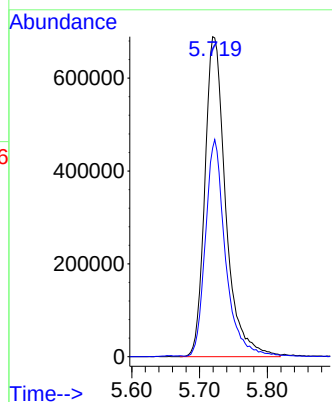
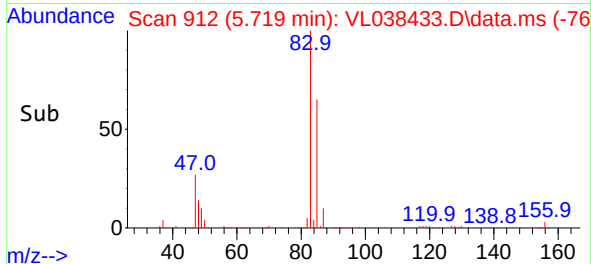
Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01



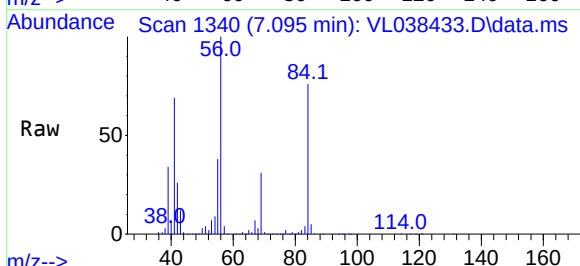
Tgt Ion: 83 Resp: 147239
Ion Ratio Lower Upper
83 100
85 64.9 51.6 77.4

Manual Integrations
APPROVED

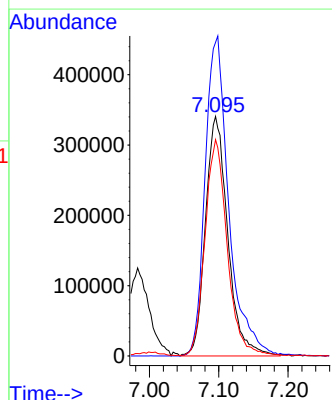
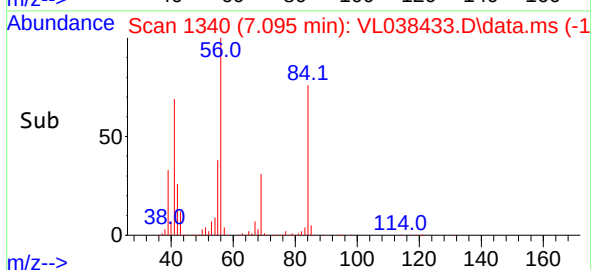
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022

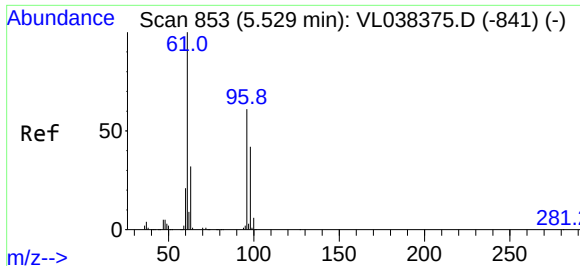


#30
Cyclohexane
Concen: 10.581 ppbv
RT: 7.095 min Scan# 1340
Delta R.T. -0.016 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16



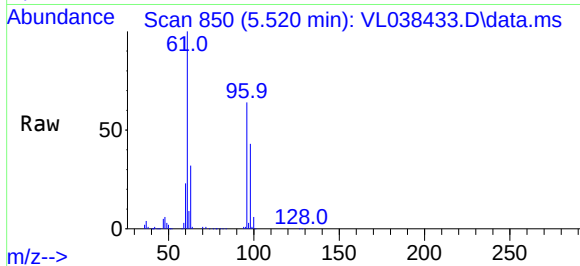
Tgt Ion: 84 Resp: 763570
Ion Ratio Lower Upper
84 100
56 141.6 116.2 174.4
41 89.6 74.3 111.5





#31
cis-1,2-Dichloroethene
Concen: 10.137 ppbv
RT: 5.520 min Scan# 81
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

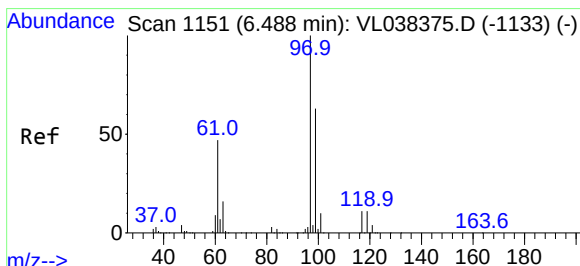
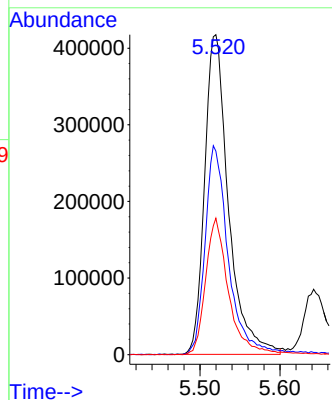
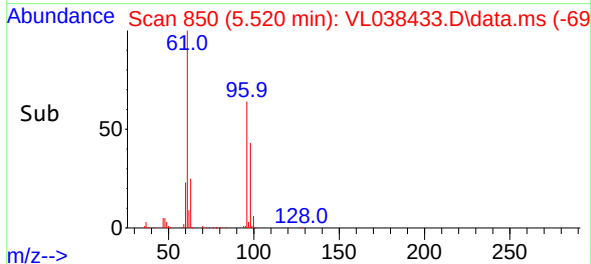
Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01



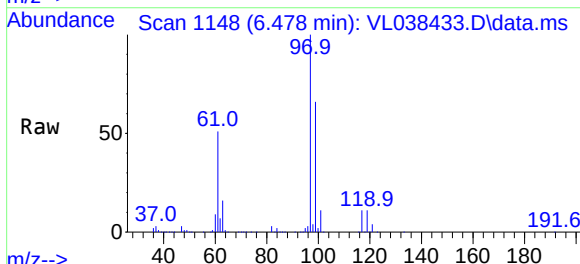
Tgt Ion: 61 Resp: 866550
Ion Ratio Lower Upper
61 100
96 63.5 48.6 73.0
98 42.6 33.2 49.8

Manual Integrations
APPROVED

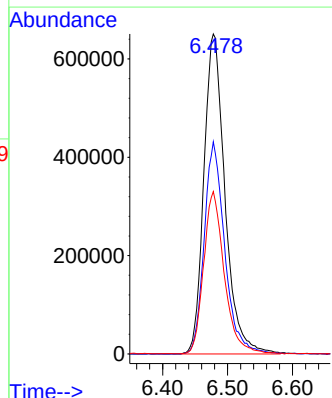
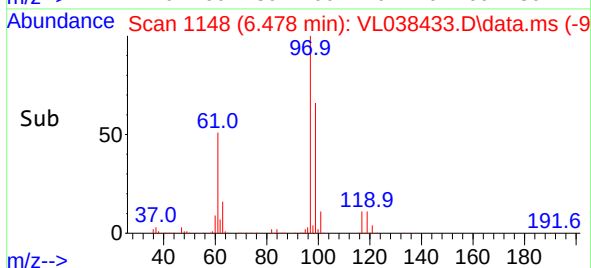
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022

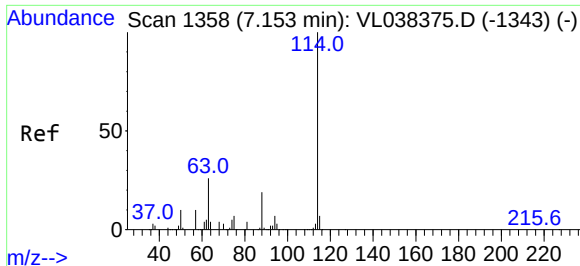


#32
1,1,1-Trichloroethane
Concen: 10.171 ppbv
RT: 6.478 min Scan# 1148
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16



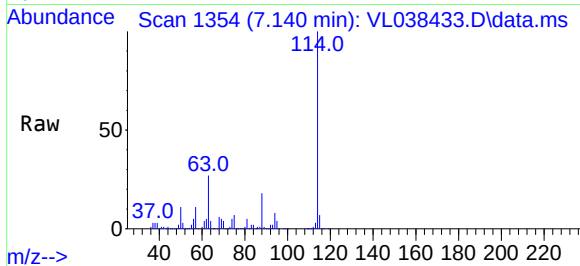
Tgt Ion: 97 Resp: 1473133
Ion Ratio Lower Upper
97 100
99 64.6 51.9 77.9
61 50.2 40.5 60.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.140 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

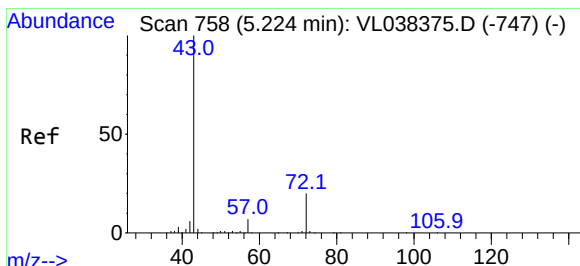
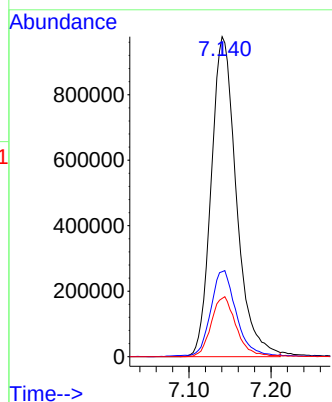
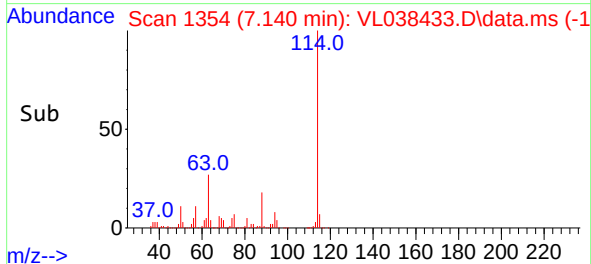
Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01



Tgt Ion: 114 Resp: 208281
Ion Ratio Lower Upper
114 100
63 27.9 22.2 33.2
88 18.8 15.2 22.8

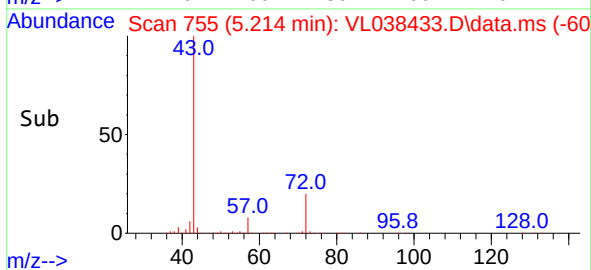
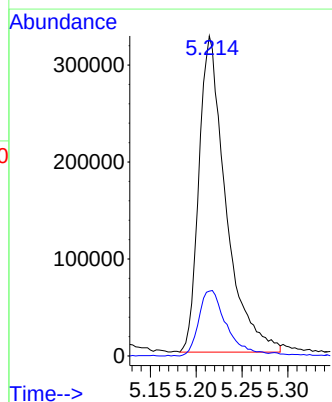
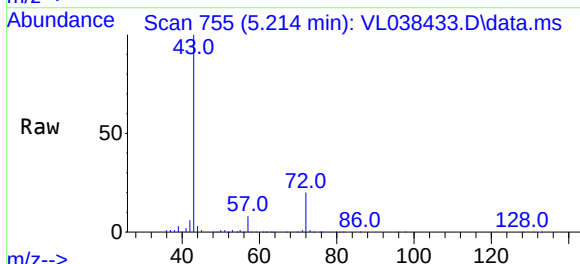
Manual Integrations
APPROVED

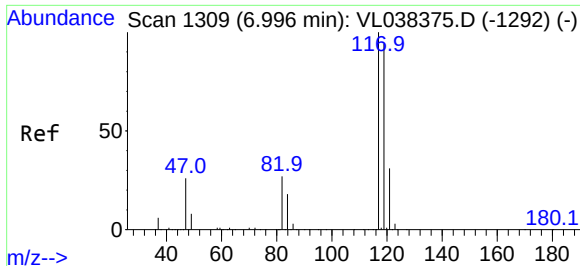
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022



#34
2-Butanone
Concen: 10.171 ppbv
RT: 5.214 min Scan# 755
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

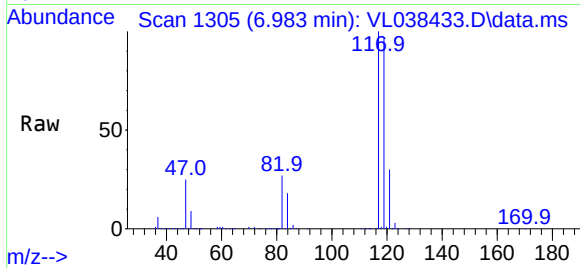
Tgt Ion: 43 Resp: 666272
Ion Ratio Lower Upper
43 100
72 22.6 17.4 26.2





#35
Carbon Tetrachloride
Concen: 10.434 ppbv
RT: 6.983 min Scan# 117
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

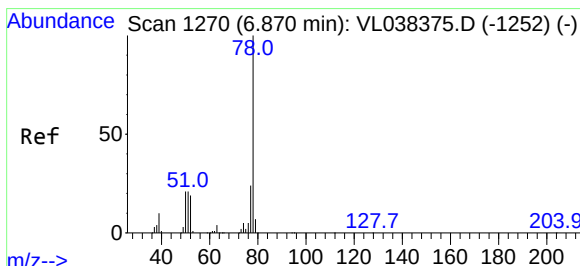
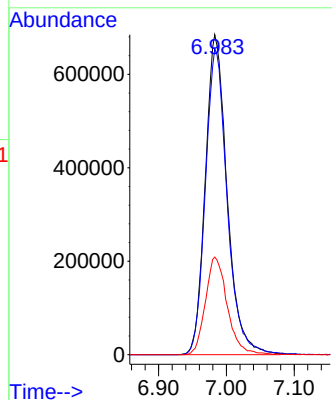
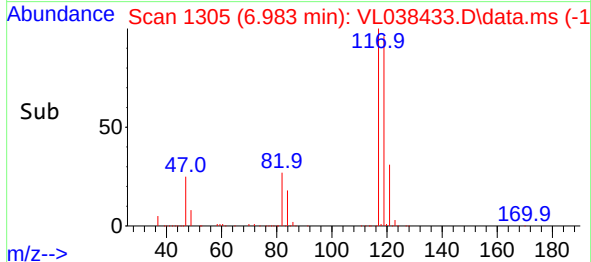
Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01



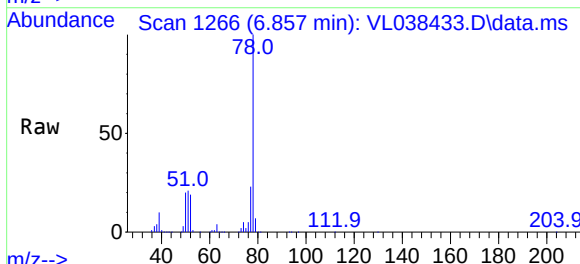
Tgt Ion:117 Resp: 1528160
Ion Ratio Lower Upper
117 100
119 95.5 74.9 112.3
121 30.5 24.8 37.2

Manual Integrations
APPROVED

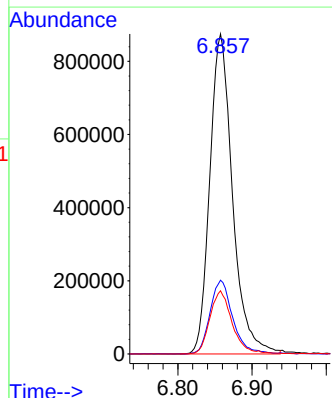
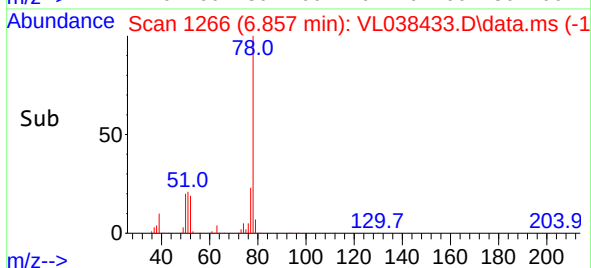
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022

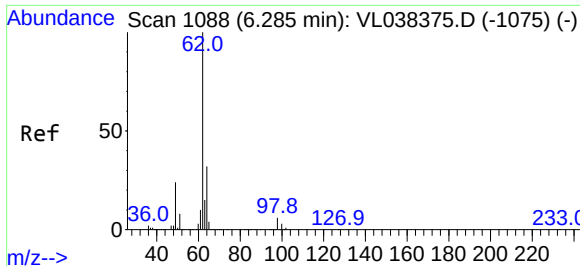


#36
Benzene
Concen: 10.131 ppbv
RT: 6.857 min Scan# 1266
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16



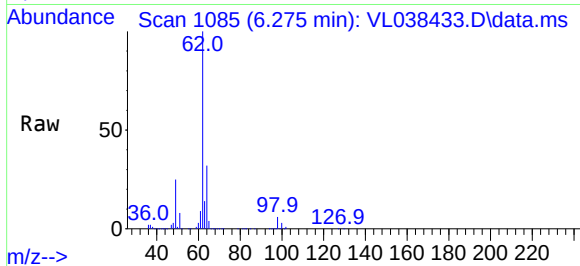
Tgt Ion: 78 Resp: 1857668
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6
50 19.7 16.6 24.8





#37
1,2-Dichloroethane
Concen: 10.490 ppbv
RT: 6.275 min Scan# 1088
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

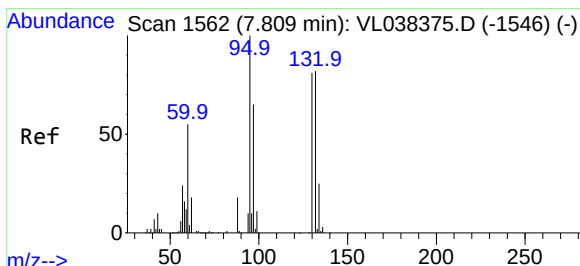
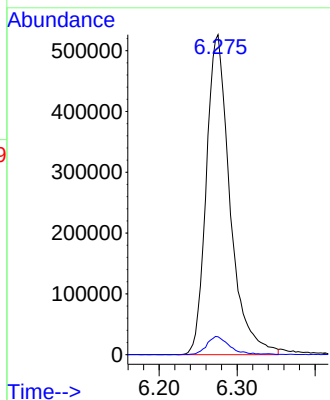
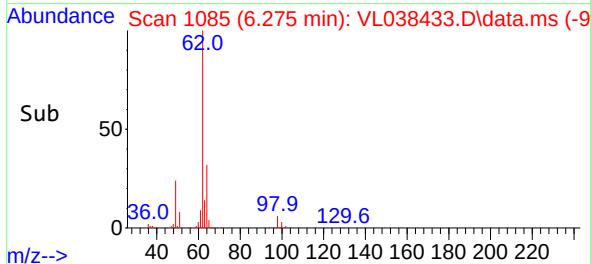
Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01



Tgt Ion: 62 Resp: 1111480
Ion Ratio Lower Upper
62 100
98 5.7 4.6 7.0

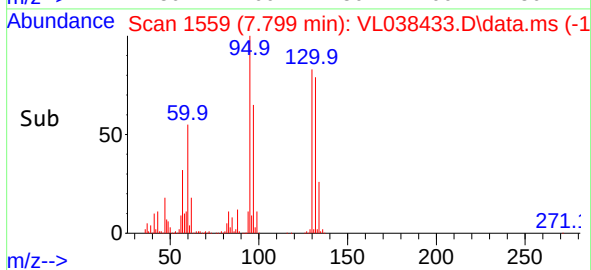
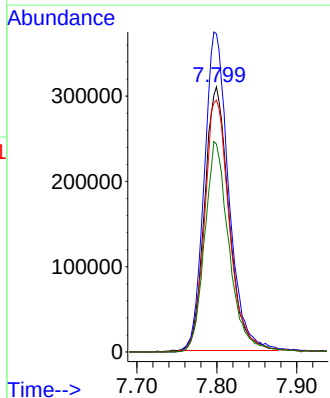
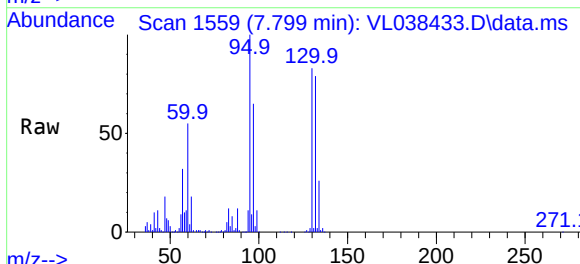
Manual Integrations
APPROVED

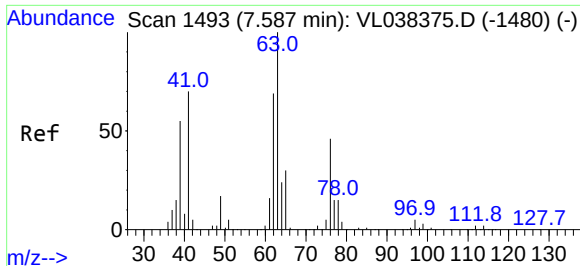
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022



#38
Trichloroethene
Concen: 9.826 ppbv
RT: 7.799 min Scan# 1559
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

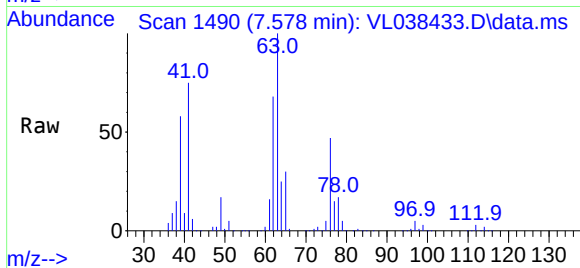
Tgt Ion:130 Resp: 656220
Ion Ratio Lower Upper
130 100
95 120.5 98.1 147.1
132 95.3 80.3 120.5
97 78.8 63.5 95.3





#39
1,2-Dichloropropane
Concen: 9.968 ppbv
RT: 7.578 min Scan# 1493
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

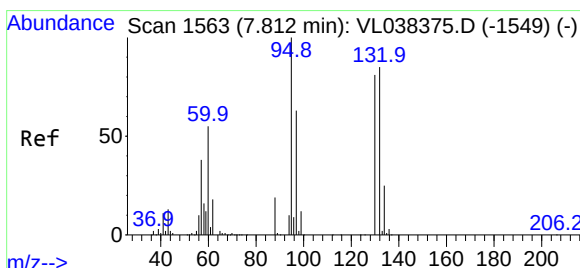
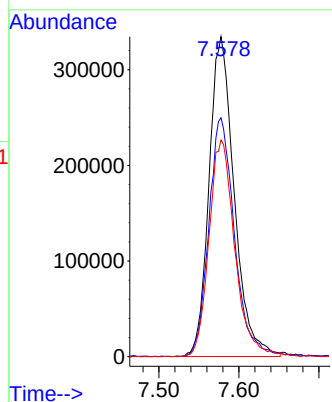
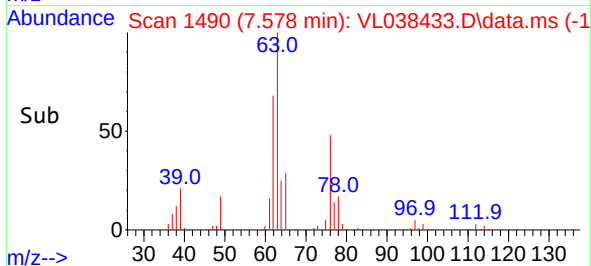
Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01



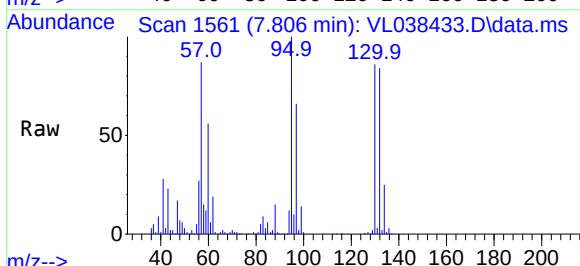
Tgt Ion: 63 Resp: 727992
Ion Ratio Lower Upper
63 100
41 74.6 56.1 84.1
62 67.7 55.5 83.3

Manual Integrations
APPROVED

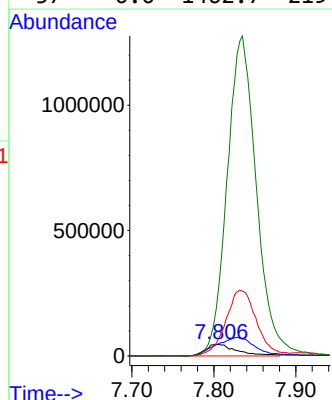
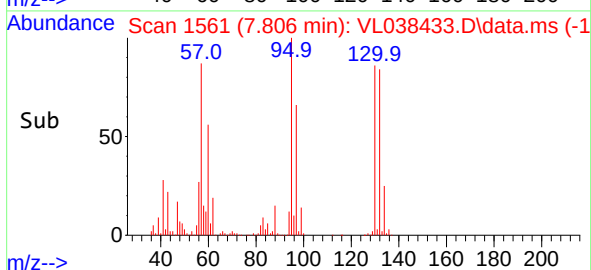
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022

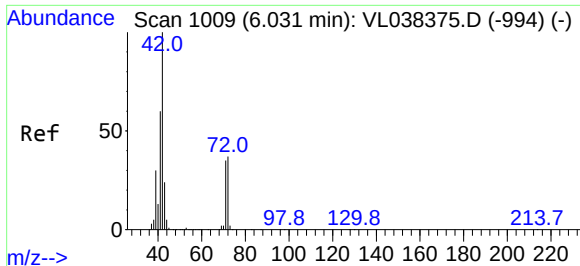


#40
1,4-Dioxane
Concen: 7.280 ppbv m
RT: 7.806 min Scan# 1561
Delta R.T. -0.006 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16



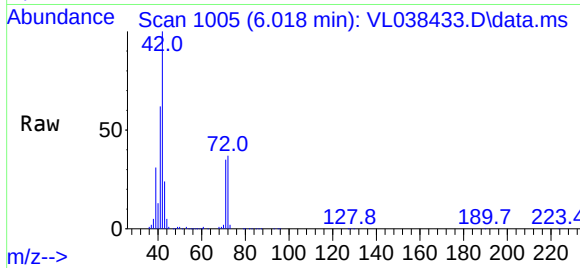
Tgt Ion: 88 Resp: 126119
Ion Ratio Lower Upper
88 100
58 0.0 133.2 199.8#
43 0.0 330.6 496.0#
57 0.0 1462.7 2194.1#





#41
Tetrahydrofuran
Concen: 10.482 ppbv
RT: 6.018 min Scan# 1009
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

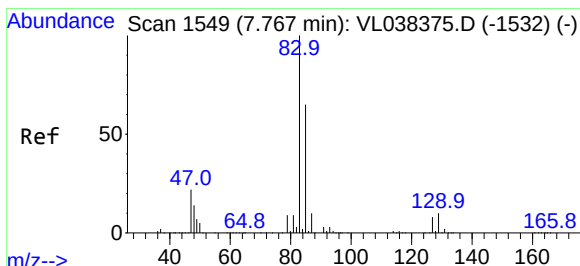
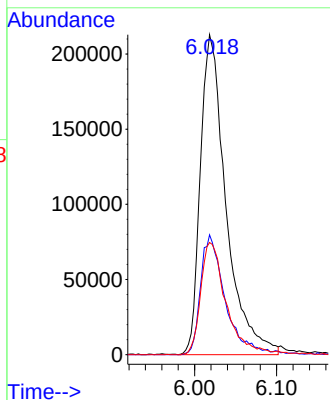
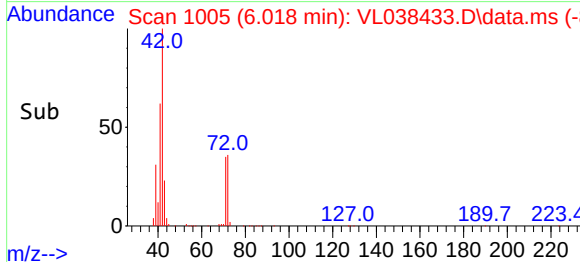
Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01



Tgt Ion: 42 Resp: 463920
Ion Ratio Lower Upper
42 100
72 36.3 29.9 44.9
71 35.3 28.6 42.8

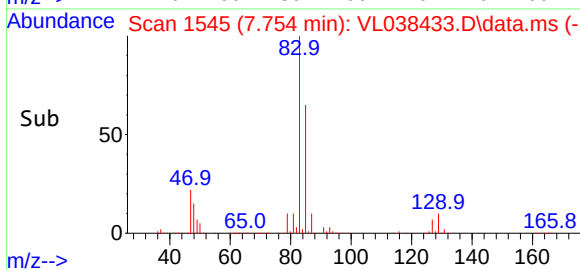
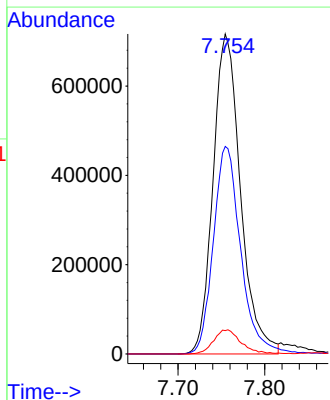
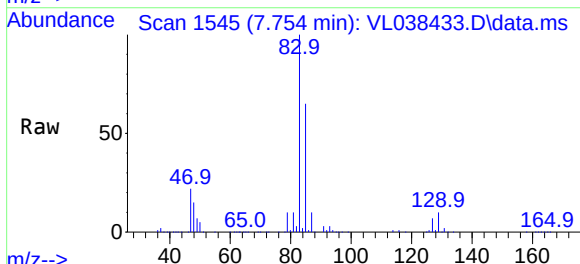
Manual Integrations
APPROVED

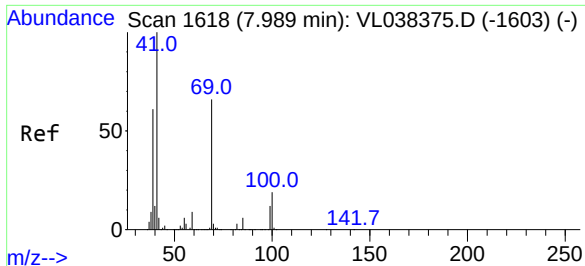
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022



#42
Bromodichloromethane
Concen: 10.299 ppbv
RT: 7.754 min Scan# 1545
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

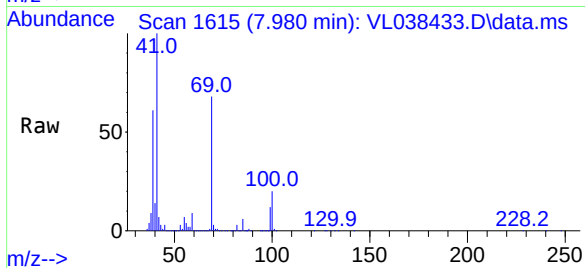
Tgt Ion: 83 Resp: 1575733
Ion Ratio Lower Upper
83 100
85 64.9 52.2 78.4
127 7.3 6.2 9.4





#43
Methyl Methacrylate
Concen: 10.810 ppbv
RT: 7.980 min Scan# 10
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

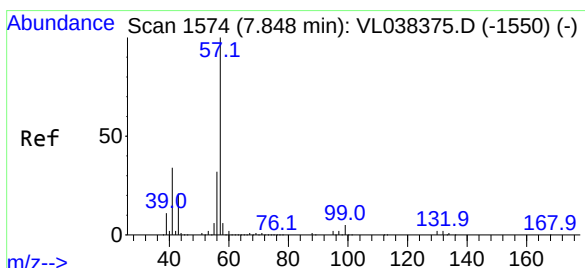
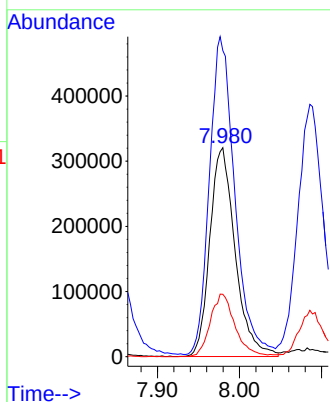
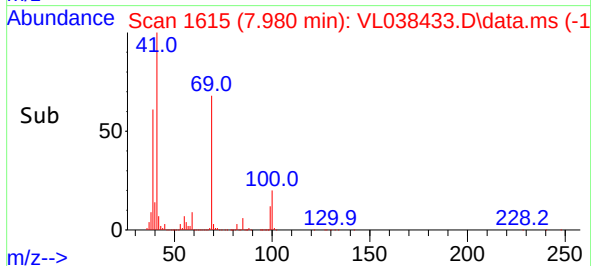
Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01



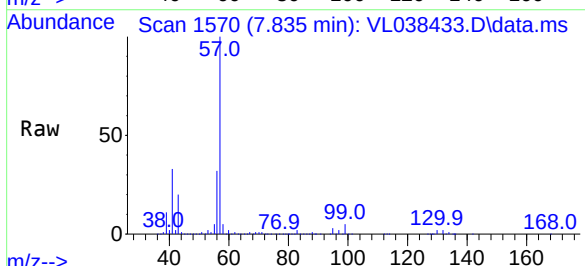
Tgt Ion: 69 Resp: 68906
Ion Ratio Lower Upper
69 100
41 154.2 122.9 184.3
100 29.3 23.6 35.4

Manual Integrations
APPROVED

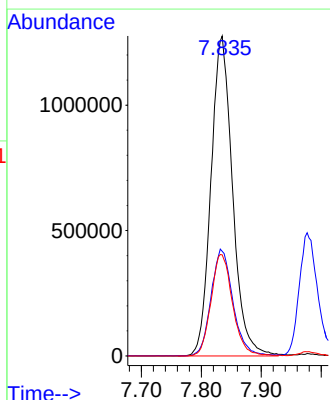
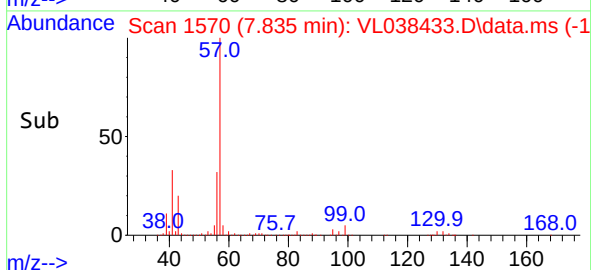
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022

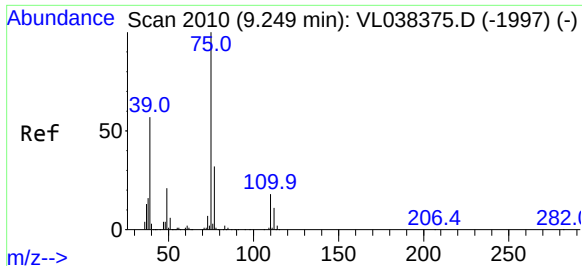


#44
2,2,4-Trimethylpentane
Concen: 10.090 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16



Tgt Ion: 57 Resp: 3179930
Ion Ratio Lower Upper
57 100
41 33.7 26.6 39.8
56 31.9 25.0 37.6





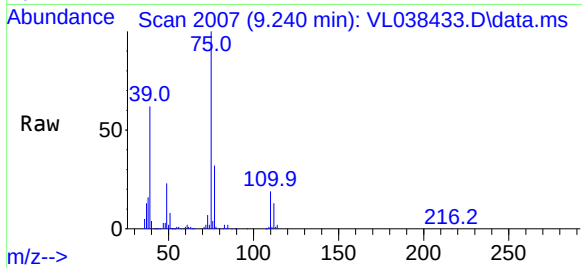
#45
t-1,3-Dichloropropene
Concen: 10.923 ppbv
RT: 9.240 min Scan# 2010
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0224ABS01

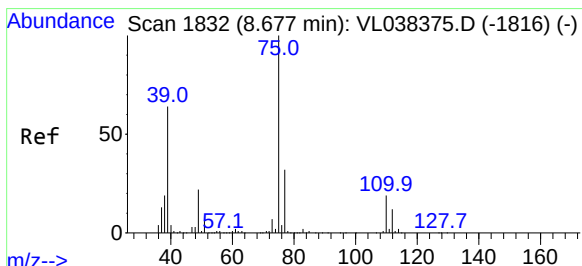
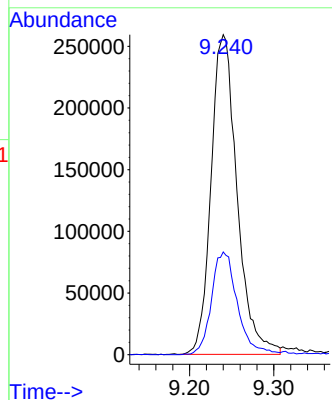
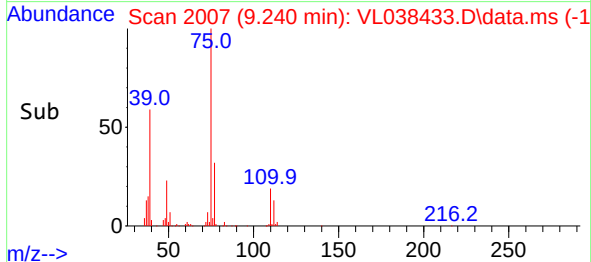


Tgt Ion: 75 Resp: 55646
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

Manual Integrations

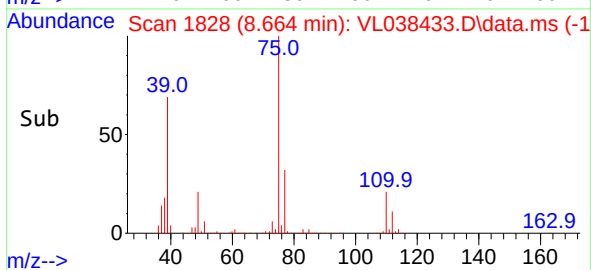
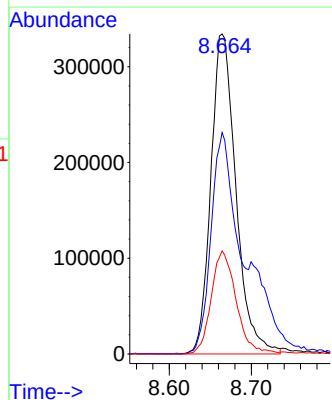
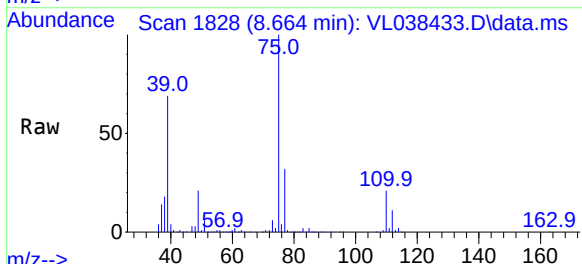
APPROVED

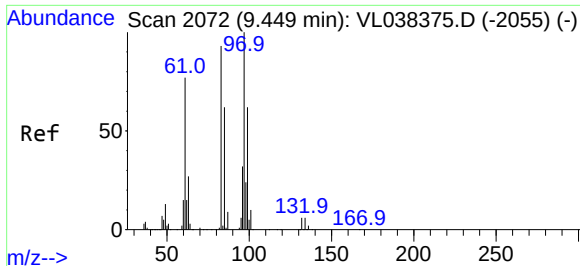
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022



#46
cis-1,3-Dichloropropene
Concen: 10.651 ppbv
RT: 8.664 min Scan# 1828
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Tgt Ion: 75 Resp: 711124
Ion Ratio Lower Upper
75 100
39 69.2 51.4 77.2
77 32.2 25.4 38.2





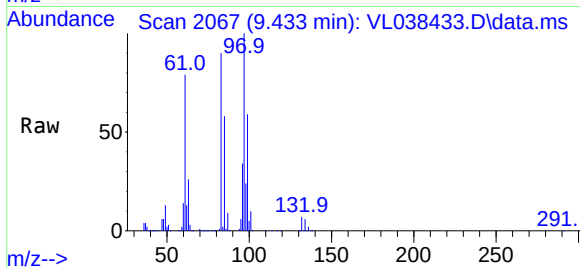
#47
1,1,2-Trichloroethane
Concen: 10.078 ppbv
RT: 9.433 min Scan# 2072
Delta R.T. -0.016 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0224ABS01

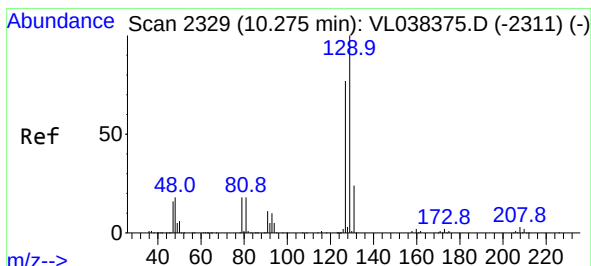
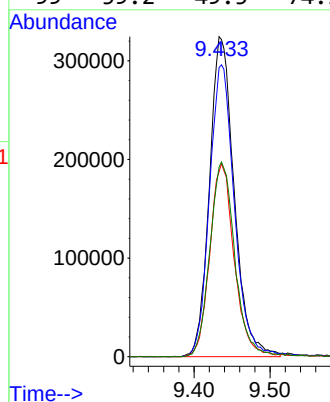
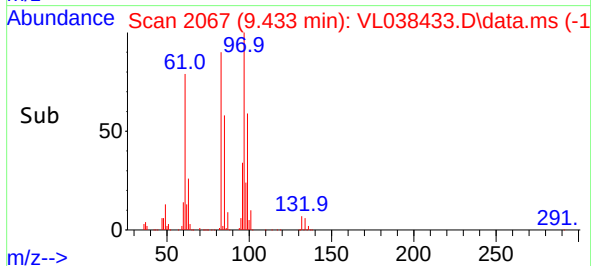


Tgt Ion: 97 Resp: 73226
Ion Ratio Lower Upper
97 100
83 90.3 74.2 111.4
85 57.8 49.8 74.8
99 59.2 49.5 74.3

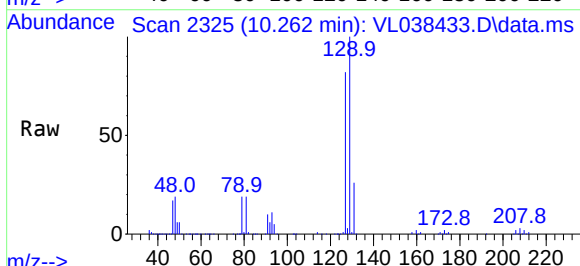
Manual Integrations

APPROVED

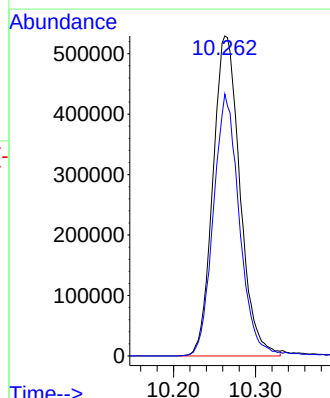
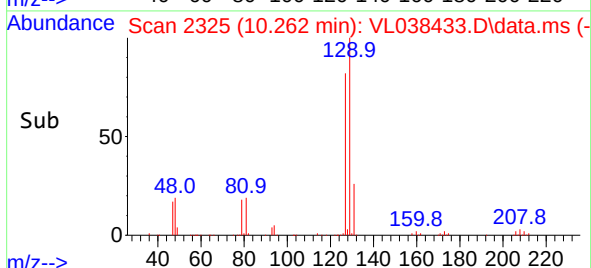
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022

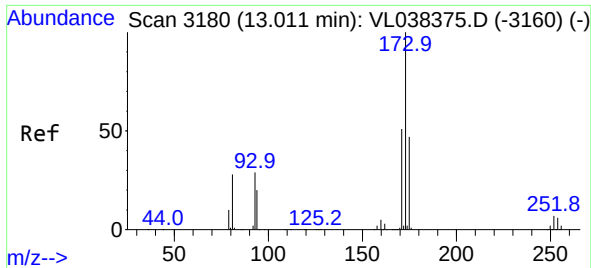


#48
Dibromochloromethane
Concen: 10.214 ppbv
RT: 10.262 min Scan# 2325
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16



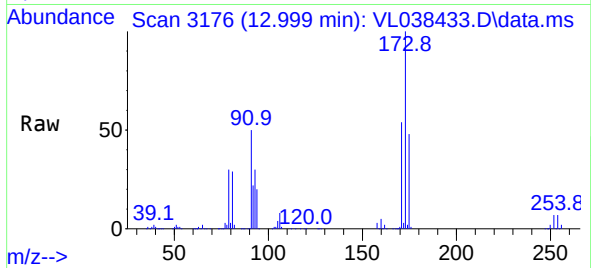
Tgt Ion:129 Resp: 1213511
Ion Ratio Lower Upper
129 100
127 79.6 39.4 118.1





#49
Bromoform
Concen: 9.429 ppbv
RT: 12.999 min Scan# 3180
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

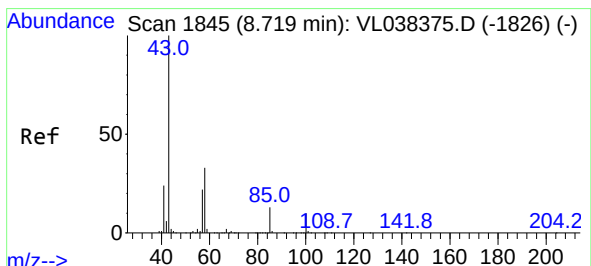
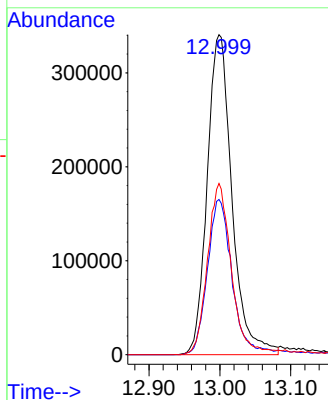
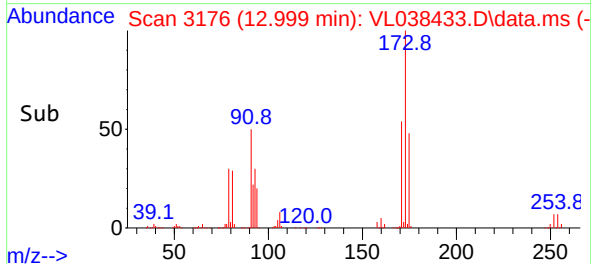
Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01



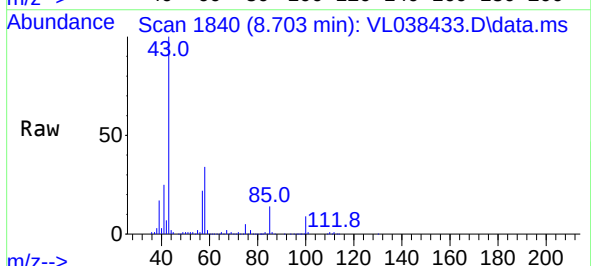
Tgt Ion:173 Resp: 826932
Ion Ratio Lower Upper
173 100
175 50.0 40.2 60.2
171 53.8 42.7 64.1

Manual Integrations
APPROVED

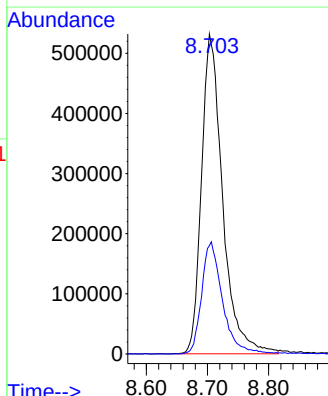
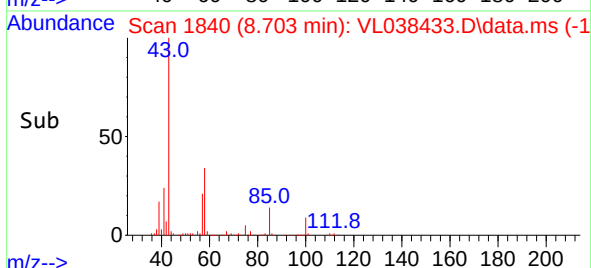
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022

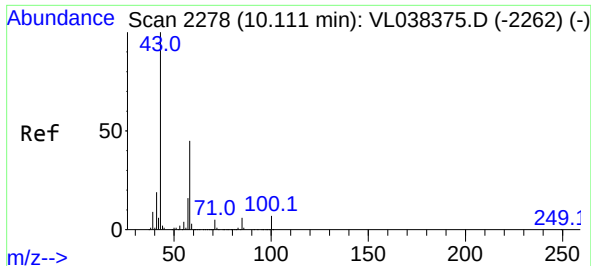


#50
4-Methyl-2-Pentanone
Concen: 10.998 ppbv
RT: 8.703 min Scan# 1840
Delta R.T. -0.016 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16



Tgt Ion: 43 Resp: 1273736
Ion Ratio Lower Upper
43 100
58 34.7 27.7 41.5





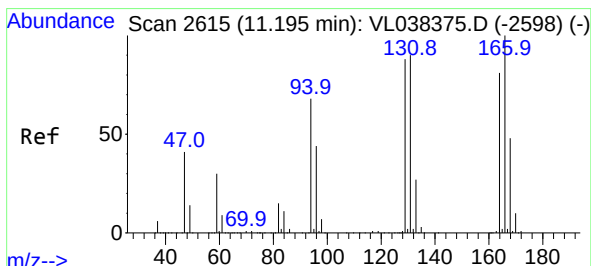
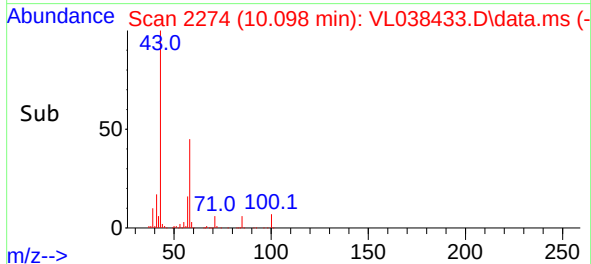
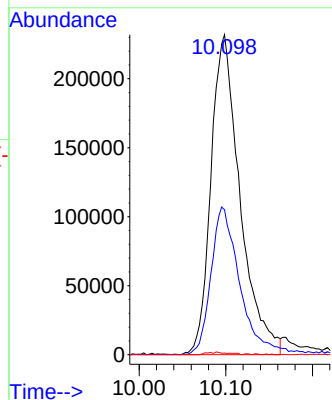
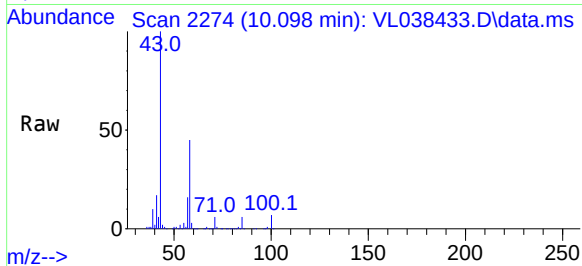
#51
2-Hexanone
Concen: 10.437 ppbv
RT: 10.098 min Scan# 2115
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tgt Ion: 43 Resp: 541158
Ion Ratio Lower Upper
43 100
58 46.2 37.4 56.0
98 0.7 0.1 0.1

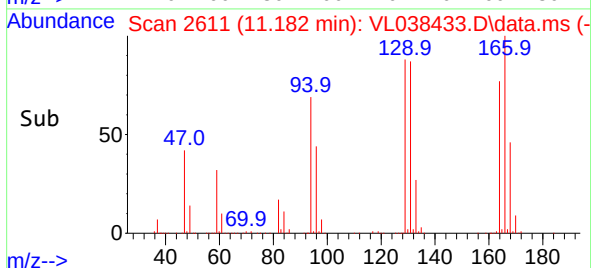
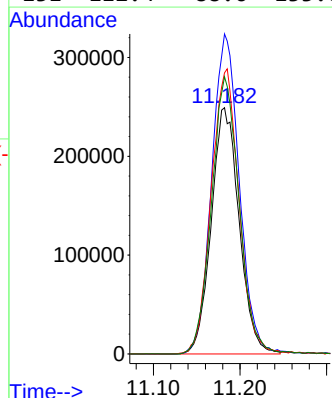
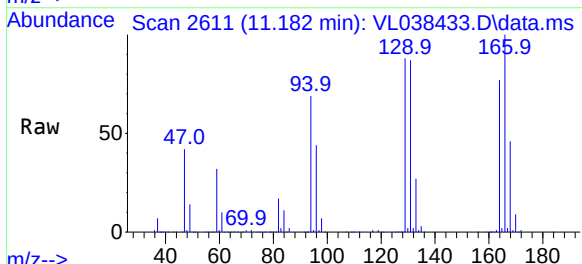
Manual Integrations
APPROVED

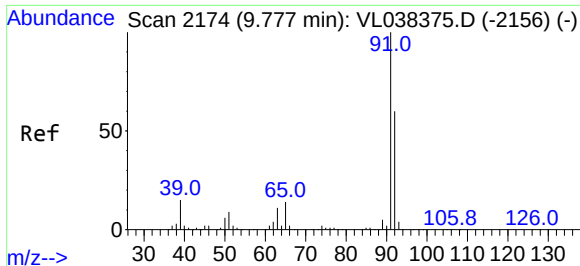
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022



#52
Tetrachloroethene
Concen: 9.127 ppbv
RT: 11.182 min Scan# 2611
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Tgt Ion:164 Resp: 555536
Ion Ratio Lower Upper
164 100
166 129.7 98.6 148.0
129 113.8 86.9 130.3
131 112.4 88.6 133.0





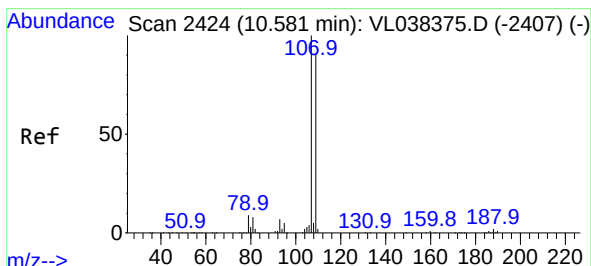
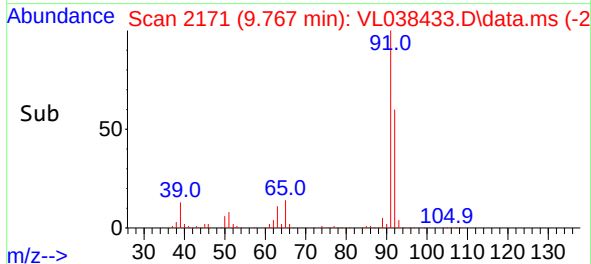
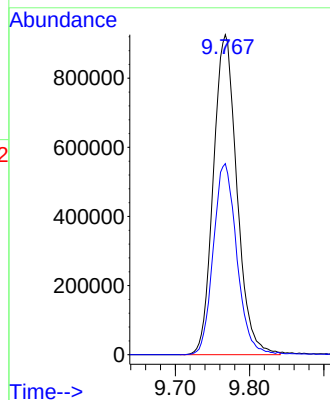
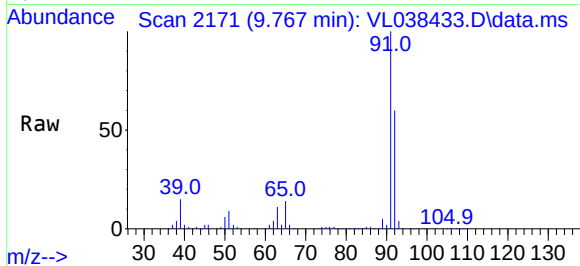
#53
Toluene
Concen: 10.266 ppbv
RT: 9.767 min Scan# 2174
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tgt Ion: 91 Resp: 204379
Ion Ratio Lower Upper
91 100
92 60.0 48.2 72.4

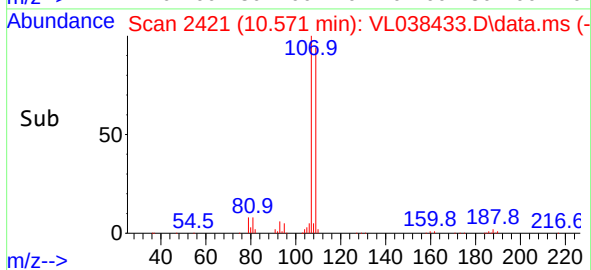
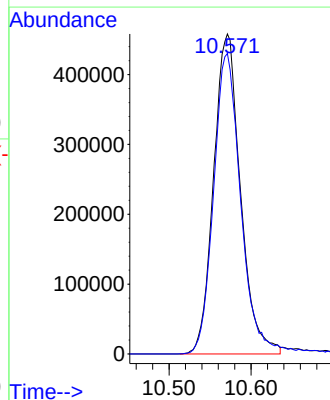
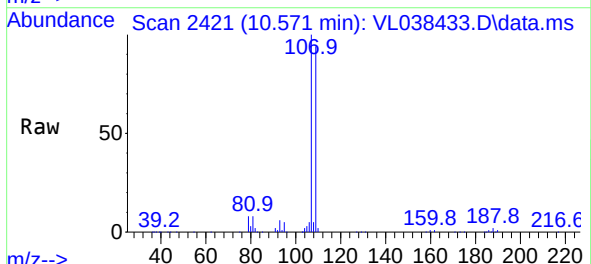
Manual Integrations
APPROVED

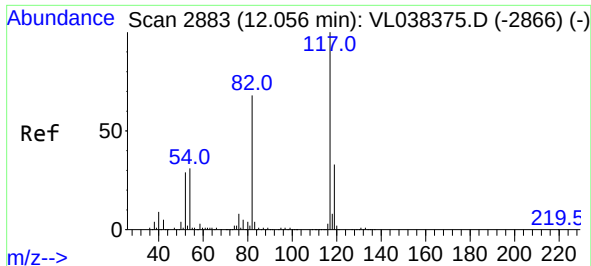
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022



#54
1,2-Dibromoethane
Concen: 10.184 ppbv
RT: 10.571 min Scan# 2421
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

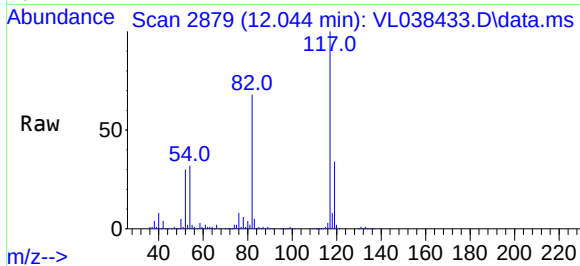
Tgt Ion:107 Resp: 1041653
Ion Ratio Lower Upper
107 100
109 93.9 73.0 109.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.044 min Scan# 2879
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

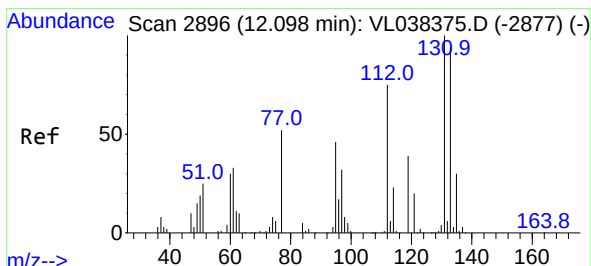
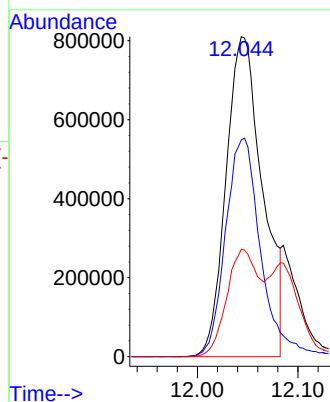
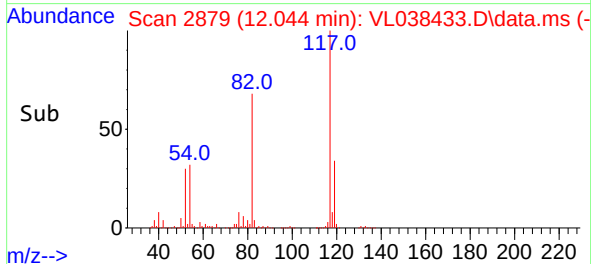
Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01



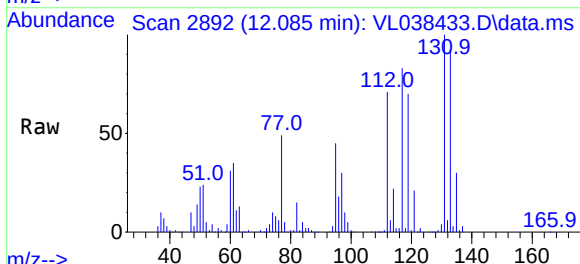
Tgt Ion:117 Resp: 2047230
Ion Ratio Lower Upper
117 100
82 67.1 54.9 82.3
119 29.7 46.1 69.1

Manual Integrations
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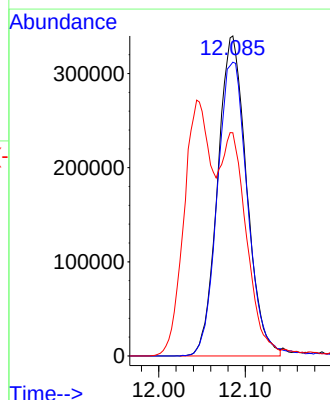
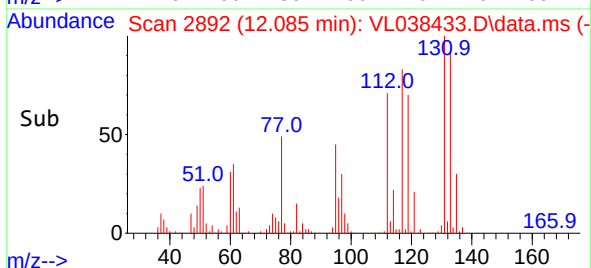
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022

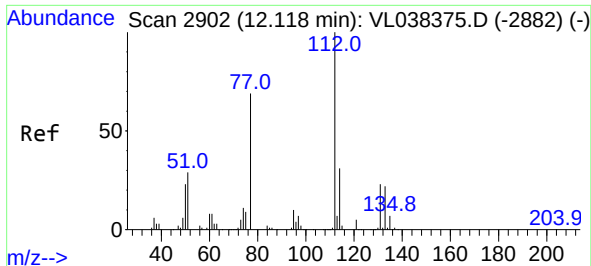


#56
1,1,1,2-Tetrachloroethane
Concen: 9.238 ppbv
RT: 12.085 min Scan# 2892
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16



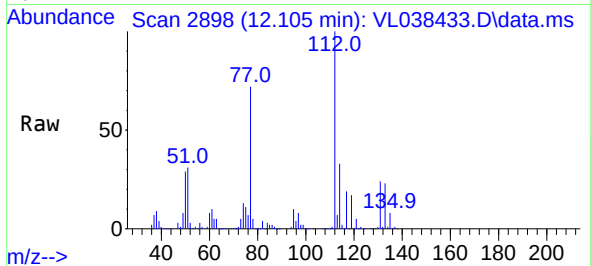
Tgt Ion:131 Resp: 788332
Ion Ratio Lower Upper
131 100
133 97.9 77.3 115.9
119 60.1 48.6 73.0





#57
Chlorobenzene
Concen: 8.800 ppbv
RT: 12.105 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

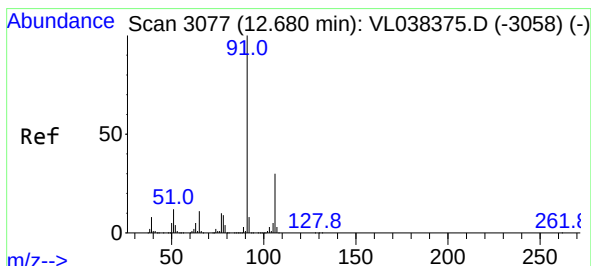
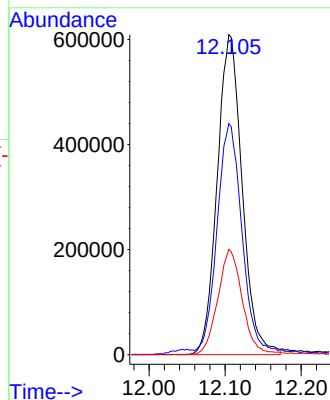
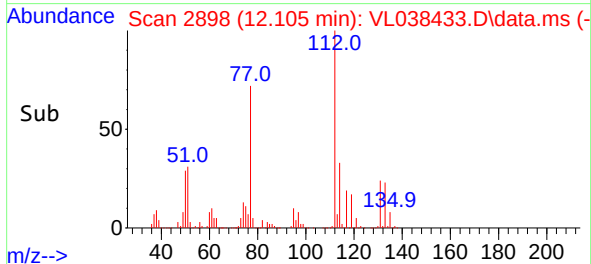
Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01



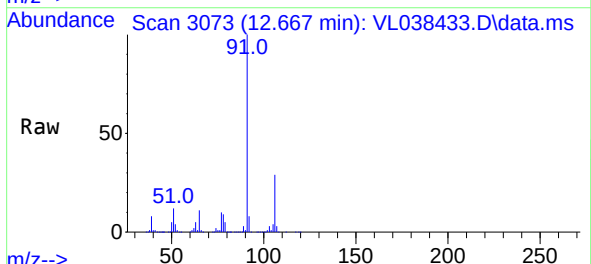
Tgt Ion: 112 Resp: 139004
Ion Ratio Lower Upper
112 100
77 70.7 55.2 82.8
114 32.9 27.9 34.1

Manual Integrations
APPROVED

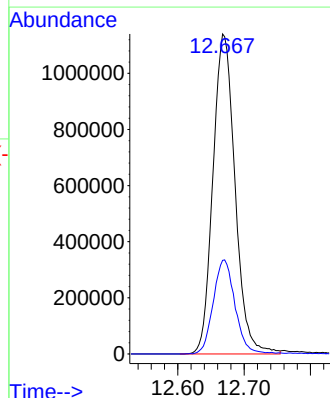
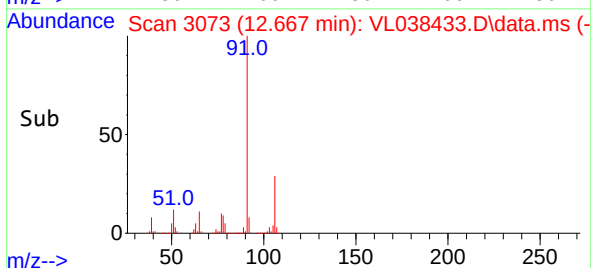
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022

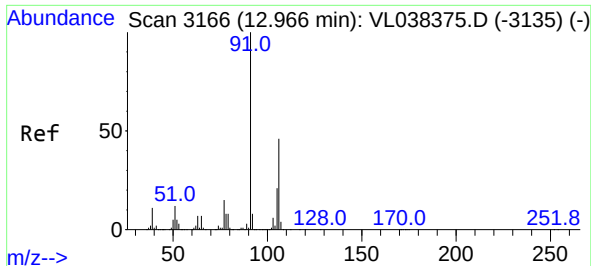


#58
Ethyl Benzene
Concen: 9.431 ppbv
RT: 12.667 min Scan# 3073
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16



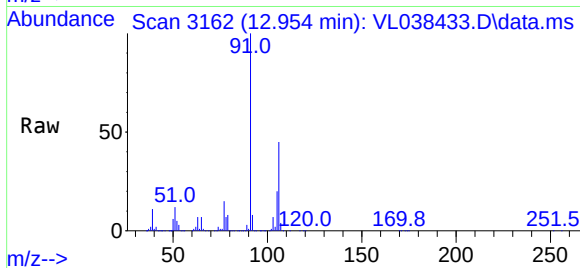
Tgt Ion: 91 Resp: 2640324
Ion Ratio Lower Upper
91 100
106 29.3 24.0 36.0





#59
m/p-Xylene
Concen: 18.376 ppbv m
RT: 12.954 min Scan# 3166
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

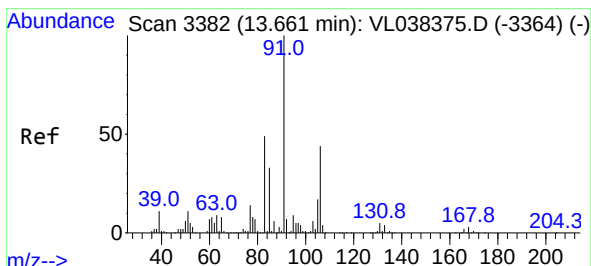
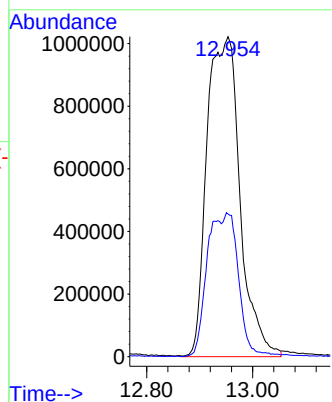
Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01



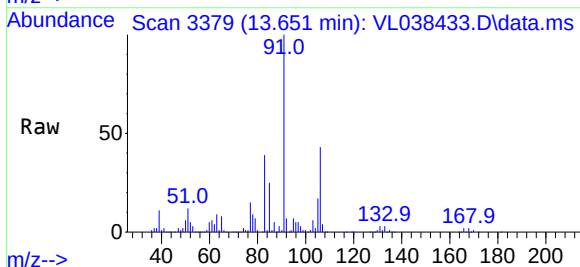
Tgt Ion: 91 Resp: 441815
Ion Ratio Lower Upper
91 100
106 42.8 34.4 51.6

Manual Integrations
APPROVED

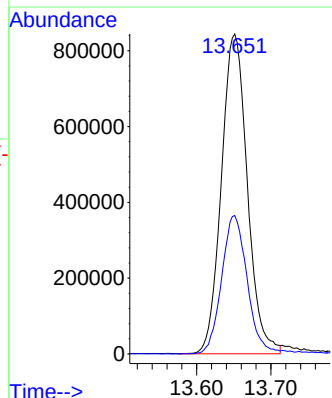
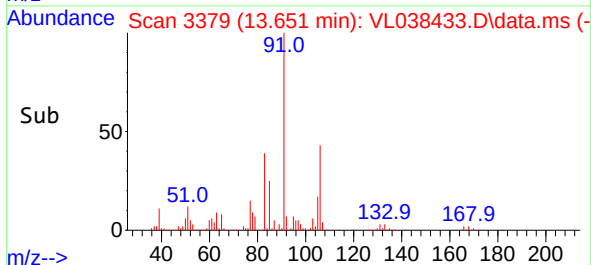
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022

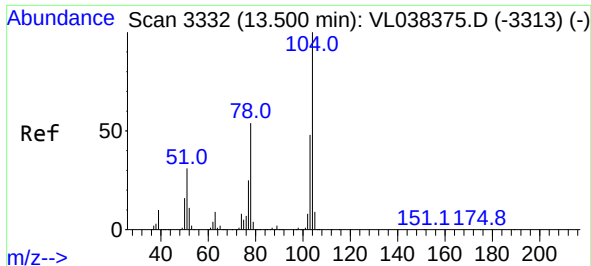


#60
o-Xylene
Concen: 9.020 ppbv
RT: 13.651 min Scan# 3379
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16



Tgt Ion: 91 Resp: 2050142
Ion Ratio Lower Upper
91 100
106 44.0 21.9 65.5





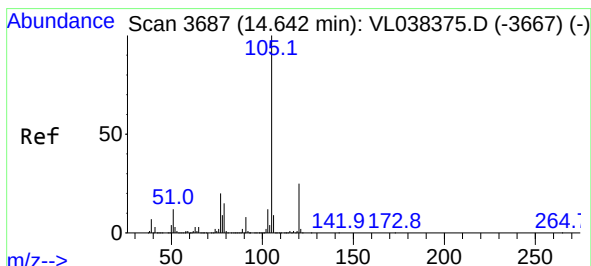
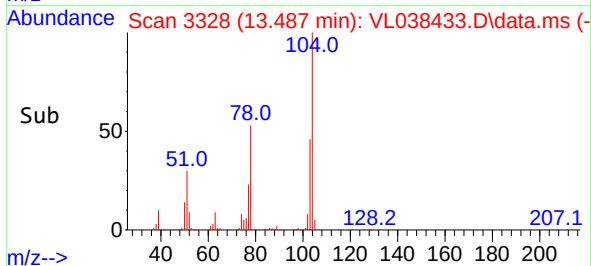
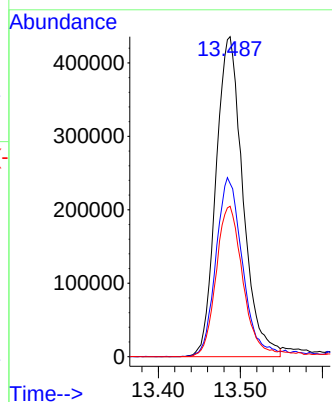
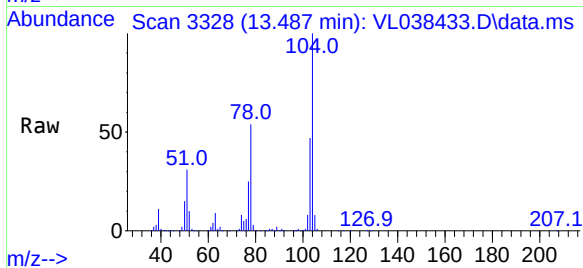
#61
Styrene
Concen: 9.469 ppbv
RT: 13.487 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tgt Ion:104 Resp: 99259
Ion Ratio Lower Upper
104 100
78 57.2 44.2 66.4
103 48.3 38.4 57.6

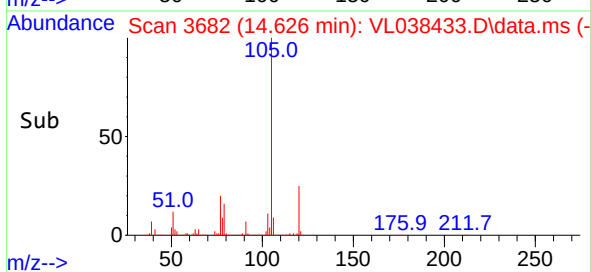
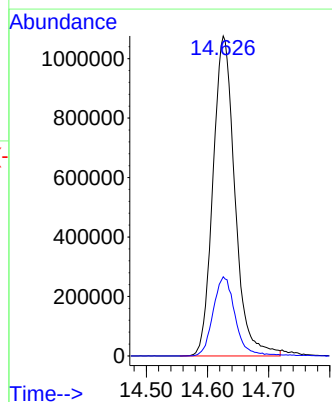
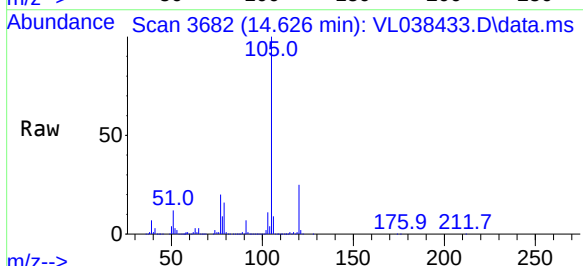
Manual Integrations
APPROVED

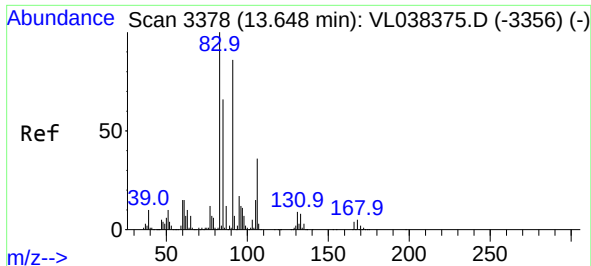
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022



#62
Isopropylbenzene
Concen: 8.787 ppbv
RT: 14.626 min Scan# 3682
Delta R.T. -0.016 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

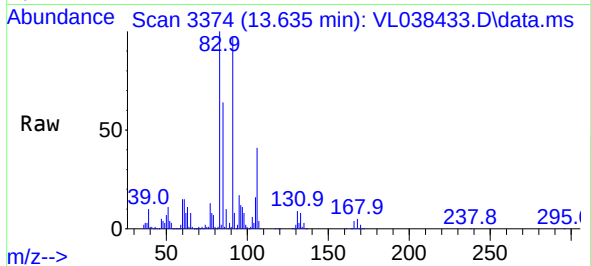
Tgt Ion:105 Resp: 2680434
Ion Ratio Lower Upper
105 100
120 25.1 20.6 30.8





#63
1,1,2,2-Tetrachloroethane
Concen: 7.279 ppbv
RT: 13.635 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

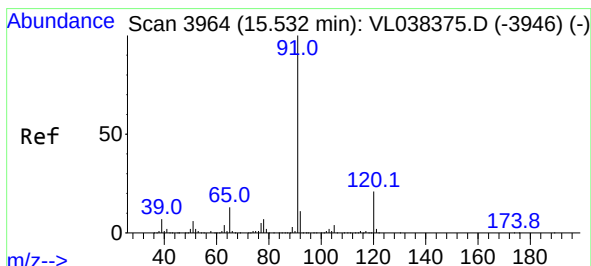
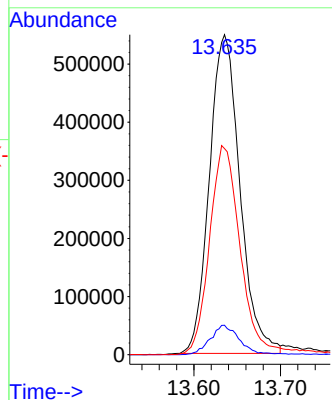
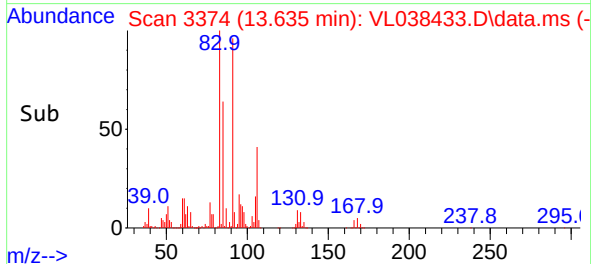
Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01



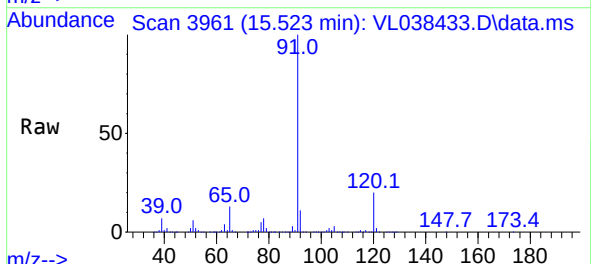
Tgt Ion: 83 Resp: 1344092
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.7
85 67.7 33.0 99.0

Manual Integrations
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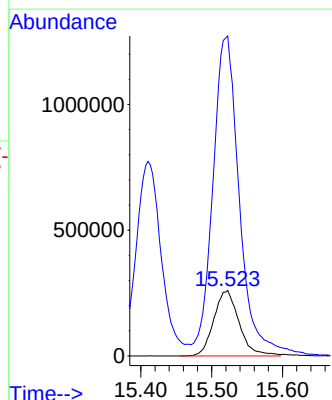
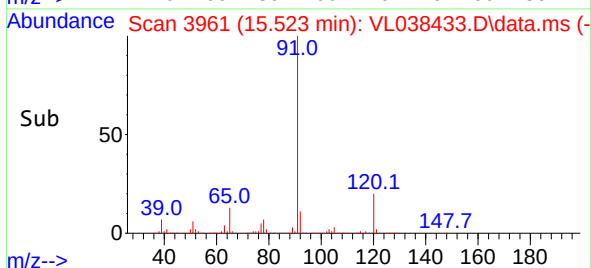
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022

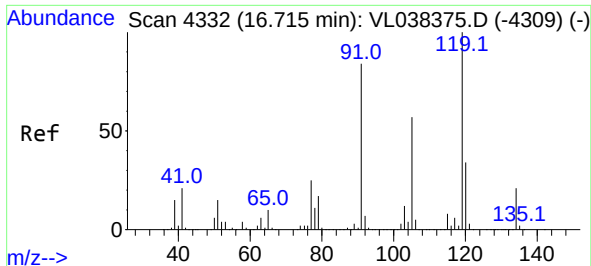


#64
n-propylbenzene
Concen: 8.553 ppbv
RT: 15.523 min Scan# 3961
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16



Tgt Ion:120 Resp: 645973
Ion Ratio Lower Upper
120 100
91 513.8 388.1 582.1





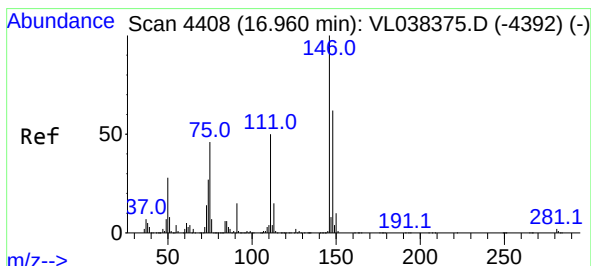
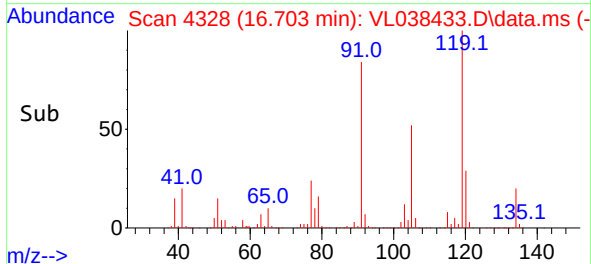
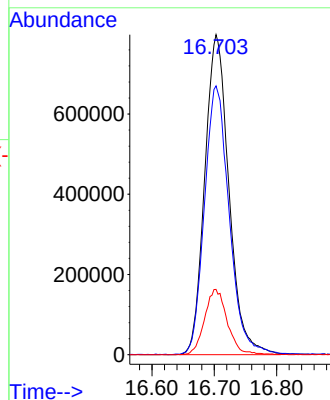
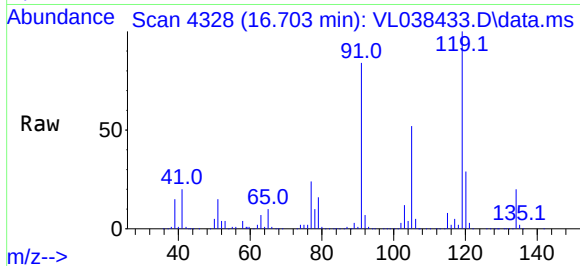
#65
tert-Butylbenzene
Concen: 8.130 ppbv
RT: 16.703 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tgt Ion:119 Resp: 214797
Ion Ratio Lower Upper
119 100
91 86.3 68.0 102.0
134 19.2 15.8 23.8

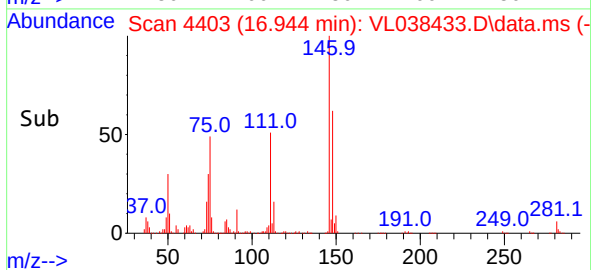
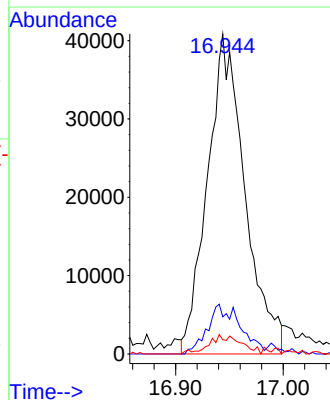
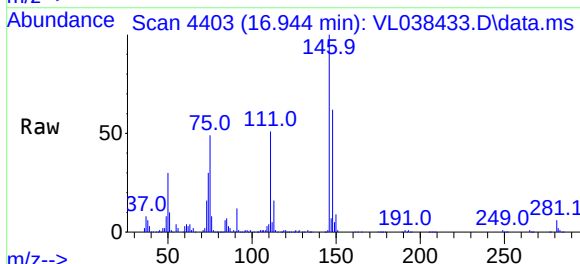
Manual Integrations
APPROVED

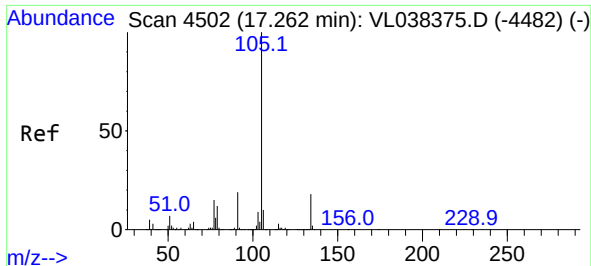
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022



#66
Benzyl Chloride
Concen: 6.937 ppbv m
RT: 16.944 min Scan# 4403
Delta R.T. -0.016 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

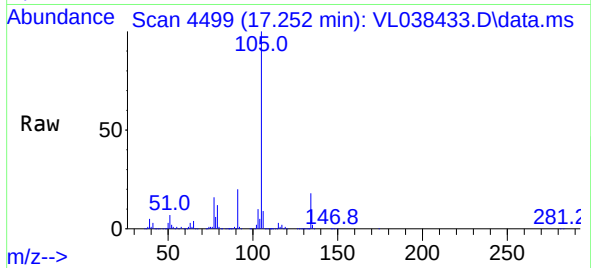
Tgt Ion: 91 Resp: 99040
Ion Ratio Lower Upper
91 100
126 14.8 12.3 18.5
128 5.9 4.2 6.4





#67
 sec-Butylbenzene
 Concen: 8.014 ppbv
 RT: 17.252 min Scan# 4482
 Delta R.T. -0.010 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

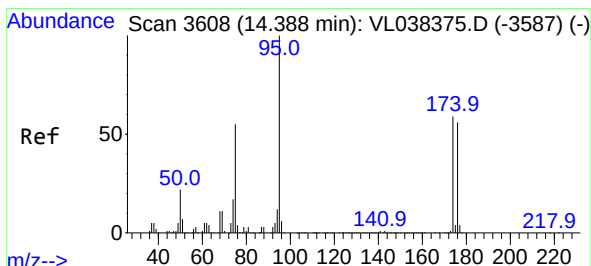
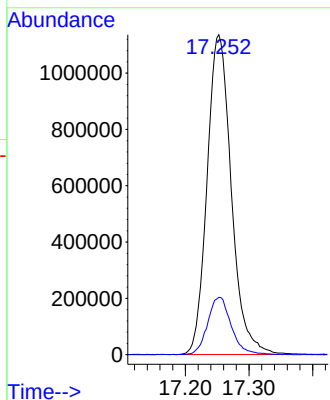
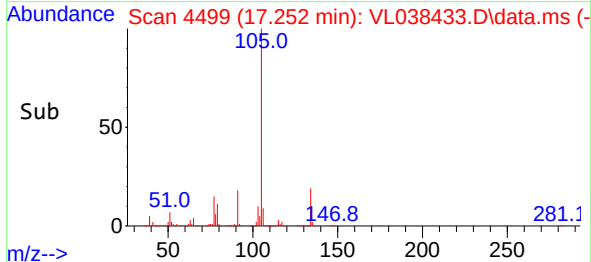
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0224ABS01



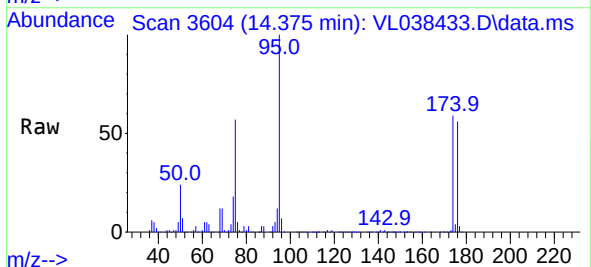
Tgt Ion:105 Resp: 2999944
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.6 21.8

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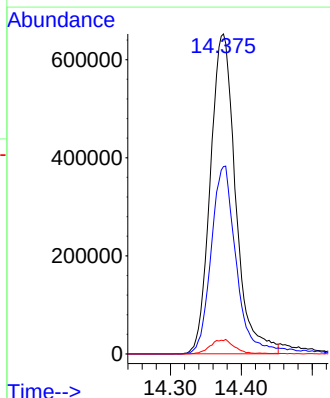
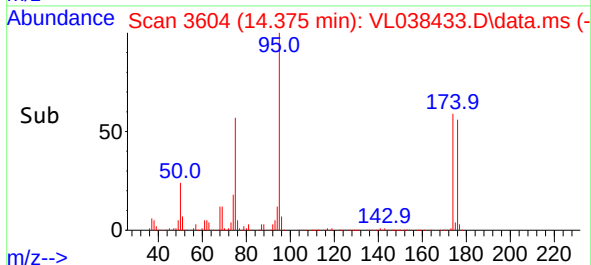
Reviewed By :Semsettin Yesilyurt 02/26/2022
 Supervised By :Mahesh Dadoda 02/28/2022

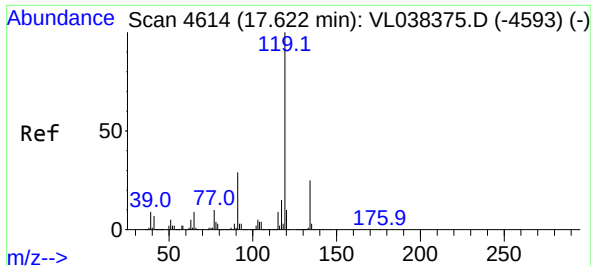


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.538 ppbv
 RT: 14.375 min Scan# 3604
 Delta R.T. -0.013 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16



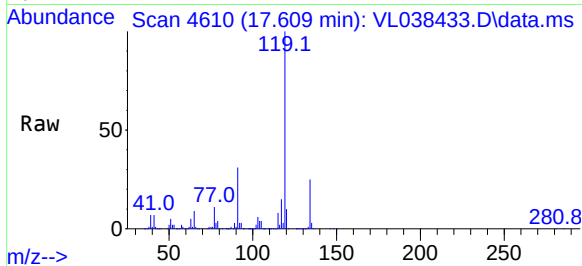
Tgt Ion: 95 Resp: 1615721
 Ion Ratio Lower Upper
 95 100
 174 59.8 49.0 73.4
 175 4.5 3.6 5.4





#69
p-Isopropyltoluene
Concen: 8.089 ppbv
RT: 17.609 min Scan# 4610
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

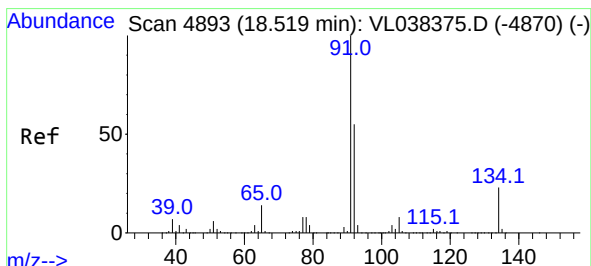
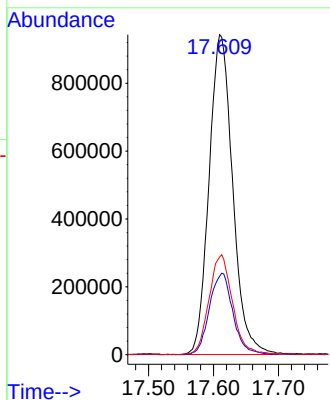
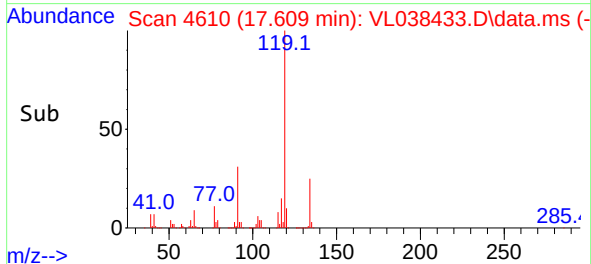


Tgt Ion: 119 Resp: 237868

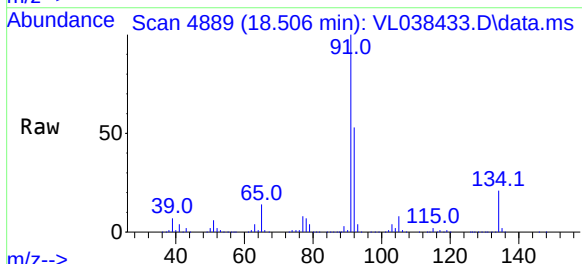
Ion	Ratio	Lower	Upper
119	100		
134	25.5	20.4	30.6
91	31.1	23.8	35.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022

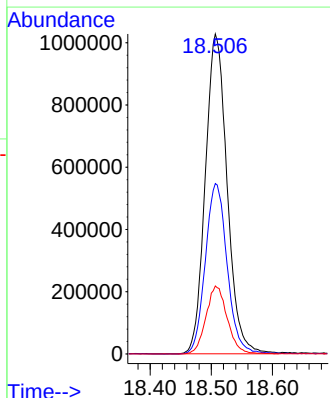
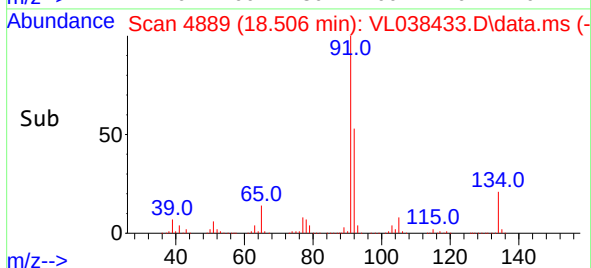


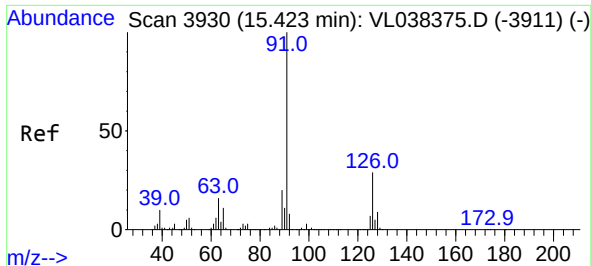
#70
n-Butylbenzene
Concen: 8.389 ppbv
RT: 18.506 min Scan# 4889
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16



Tgt Ion: 91 Resp: 2552879

Ion	Ratio	Lower	Upper
91	100		
92	53.4	43.1	64.7
134	20.7	17.4	26.0





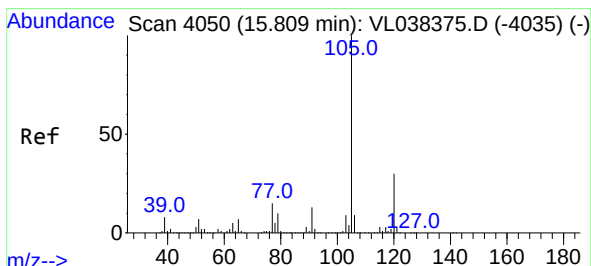
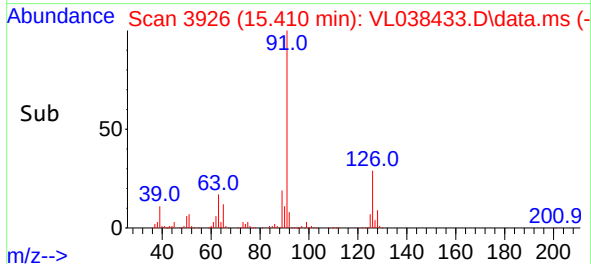
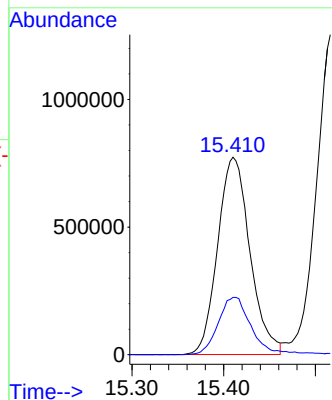
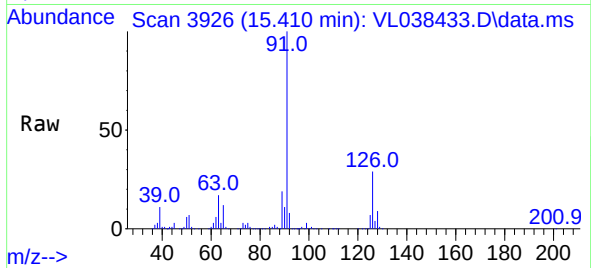
#71
2-Chlorotoluene
Concen: 8.072 ppbv
RT: 15.410 min Scan# 3911
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tgt Ion: 91 Resp: 1893369
Ion Ratio Lower Upper
91 100
126 30.4 11.9 47.7

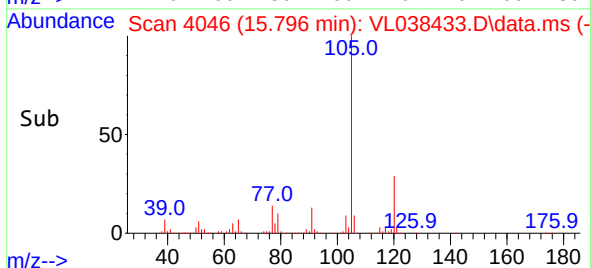
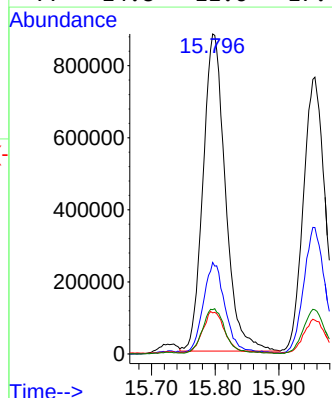
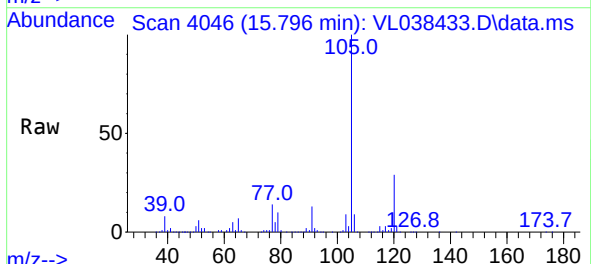
Manual Integrations
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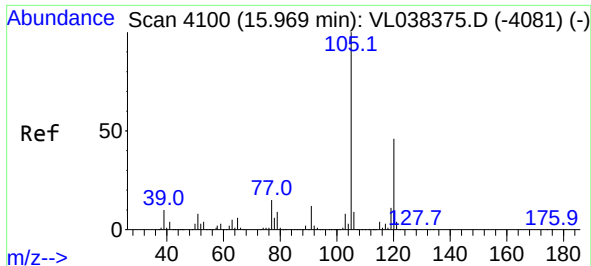
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022



#72
4-Ethyltoluene
Concen: 8.561 ppbv
RT: 15.796 min Scan# 4046
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Tgt Ion:105 Resp: 2143847
Ion Ratio Lower Upper
105 100
120 29.0 23.4 35.2
91 13.2 10.4 15.6
77 14.8 11.6 17.4





#73
 1,3,5-Trimethylbenzene
 Concen: 8.090 ppbv
 RT: 15.957 min Scan# 4096
 Delta R.T. -0.013 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

Instrument :

MSVOA_L

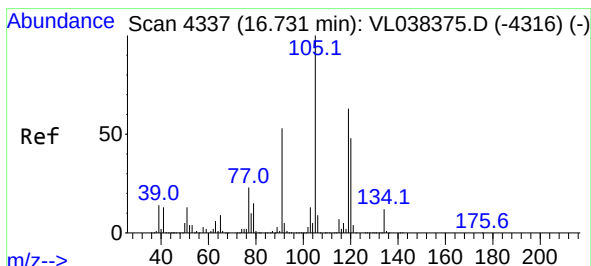
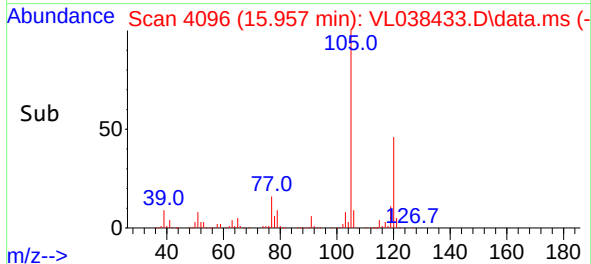
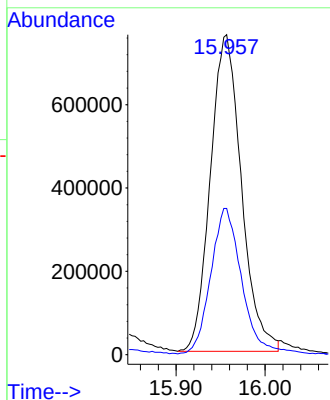
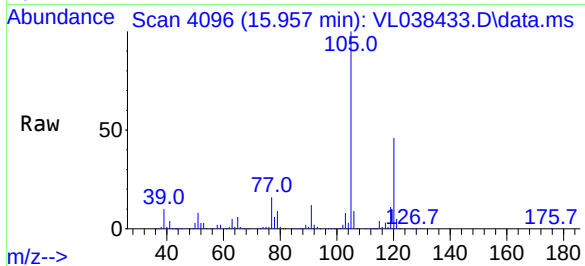
ClientSampleId :

VL0224ABS01

Tgt Ion:105 Resp: 1839678
 Ion Ratio Lower Upper
 105 100
 120 45.9 36.6 55.0

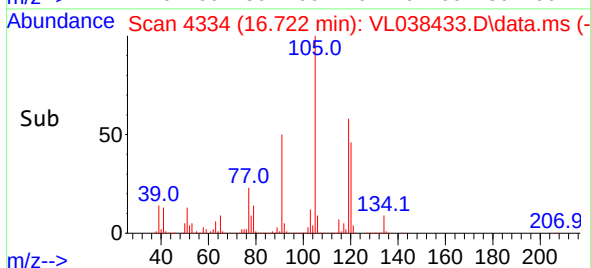
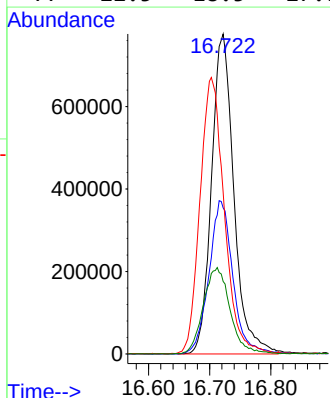
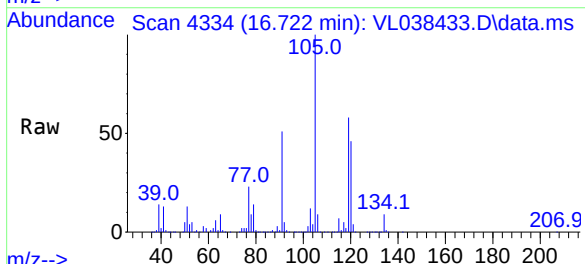
Manual Integrations
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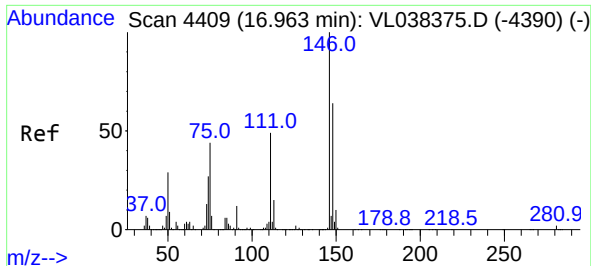
Reviewed By :Semsettin Yesilyurt 02/26/2022
 Supervised By :Mahesh Dadoda 02/28/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 8.207 ppbv
 RT: 16.722 min Scan# 4334
 Delta R.T. -0.010 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

Tgt Ion:105 Resp: 1970443
 Ion Ratio Lower Upper
 105 100
 120 45.6 38.2 57.4
 91 50.2 42.7 64.1
 77 22.5 18.5 27.7





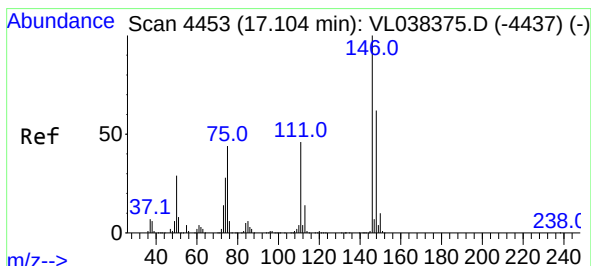
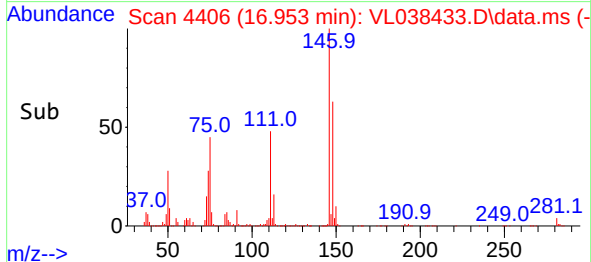
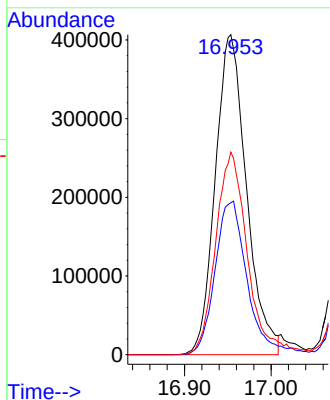
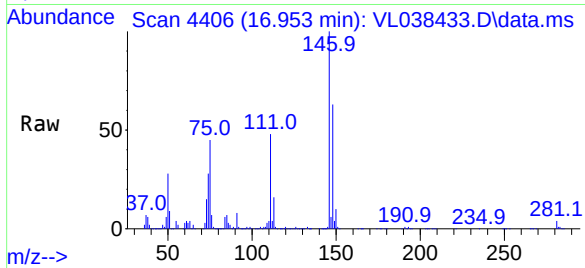
#75
1,3-Dichlorobenzene
Concen: 7.563 ppbv
RT: 16.953 min Scan# 4409
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tgt Ion:146 Resp: 101704
Ion Ratio Lower Upper
146 100
111 49.7 24.3 72.9
148 64.6 32.0 96.0

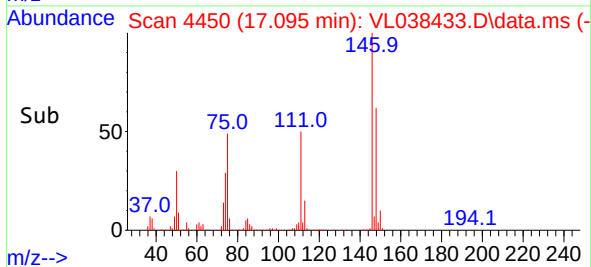
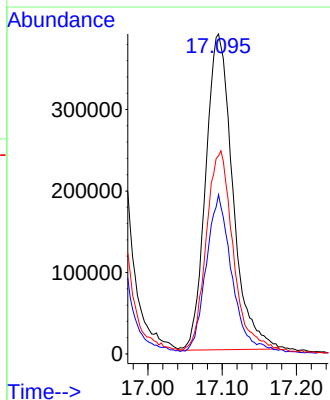
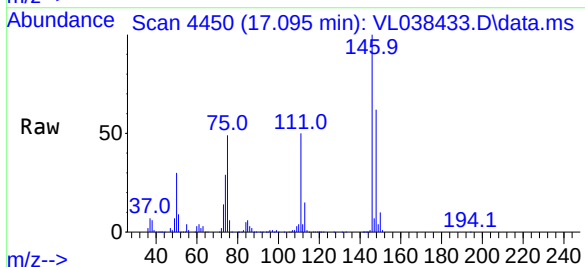
Manual Integrations
APPROVED

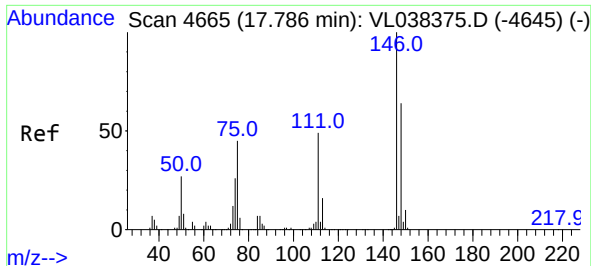
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022



#76
1,4-Dichlorobenzene
Concen: 7.407 ppbv
RT: 17.095 min Scan# 4450
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Tgt Ion:146 Resp: 982212
Ion Ratio Lower Upper
146 100
111 48.7 24.1 72.2
148 66.9 32.8 98.4





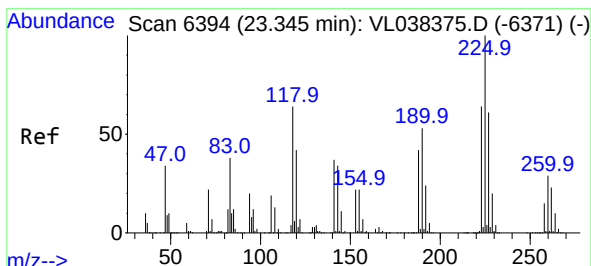
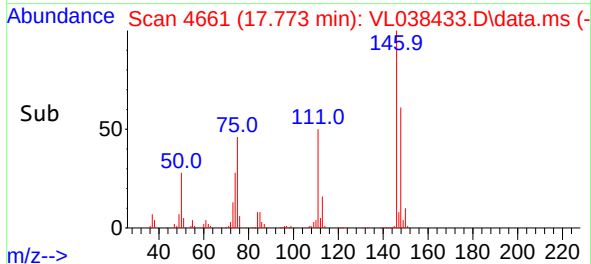
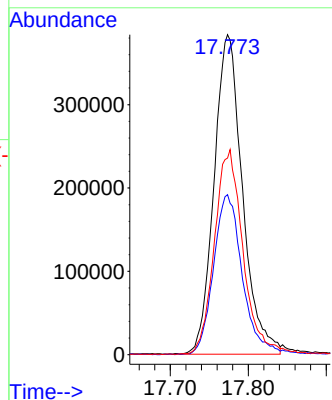
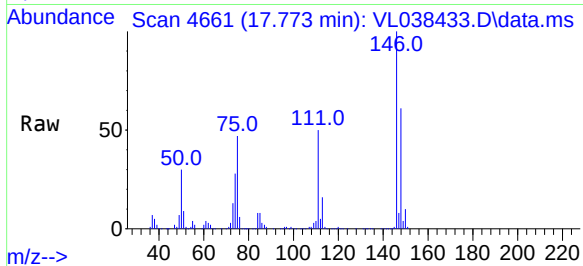
#77
1,2-Dichlorobenzene
Concen: 7.497 ppbv
RT: 17.773 min Scan# 4661
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01

Tgt Ion:146 Resp: 970480
Ion Ratio Lower Upper
146 100
111 51.6 25.6 76.6
148 65.4 32.4 97.2

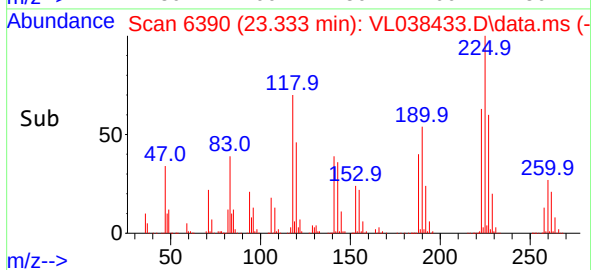
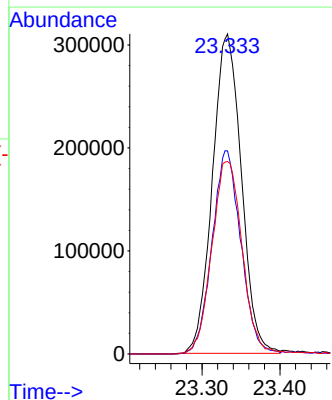
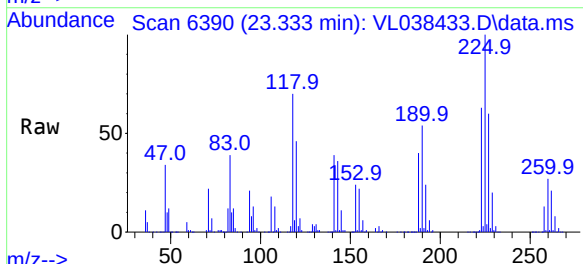
Manual Integrations
APPROVED

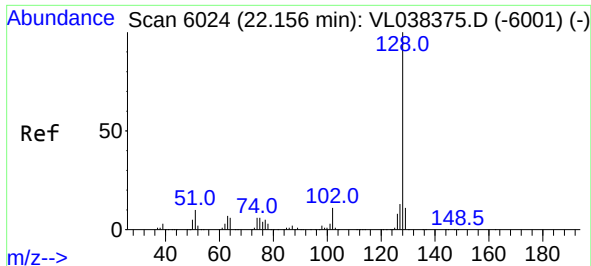
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022



#78
Hexachloro-1,3-Butadiene
Concen: 8.102 ppbv
RT: 23.333 min Scan# 6390
Delta R.T. -0.013 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

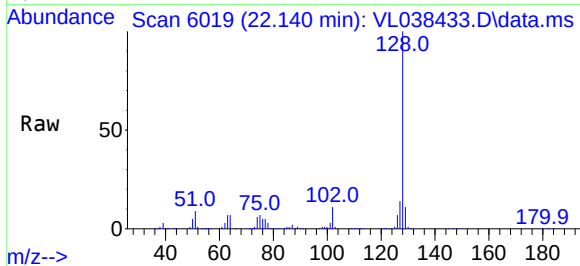
Tgt Ion:225 Resp: 799836
Ion Ratio Lower Upper
225 100
223 64.1 52.0 78.0
227 63.6 51.6 77.4





#79
Naphthalene
Concen: 11.606 ppbv
RT: 22.140 min Scan# 6024
Delta R.T. -0.016 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16

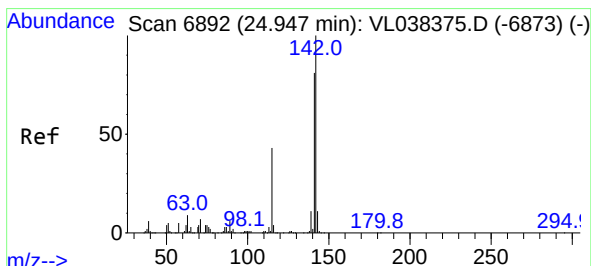
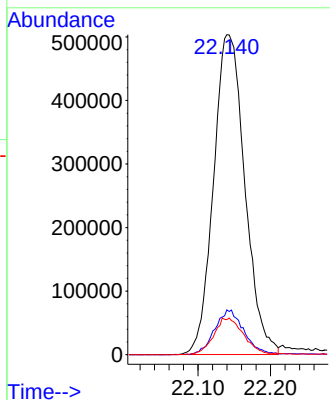
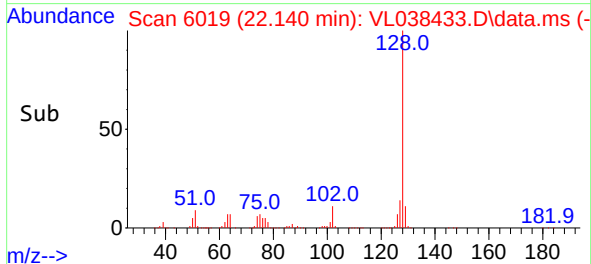
Instrument :
MSVOA_L
ClientSampleId :
VL0224ABS01



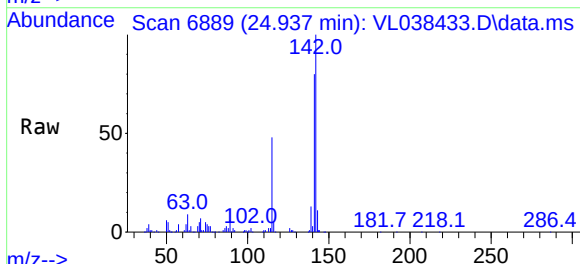
Tgt Ion:128 Resp: 1509860
Ion Ratio Lower Upper
128 100
127 14.0 10.7 16.1
129 10.9 8.8 13.2

Manual Integrations
APPROVED

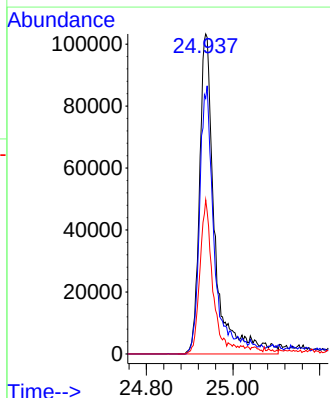
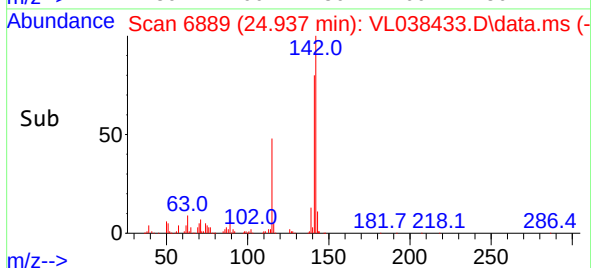
Reviewed By :Semsettin Yesilyurt 02/26/2022
Supervised By :Mahesh Dadoda 02/28/2022

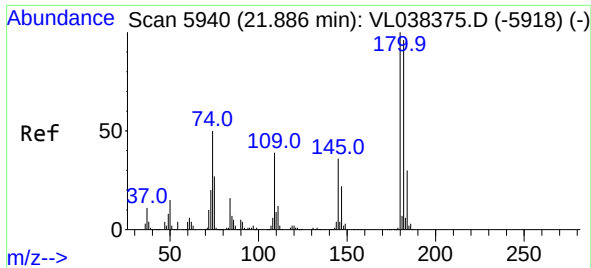


#80
Naphthalene,2-methyl-
Concen: 9.956 ppbv
RT: 24.937 min Scan# 6889
Delta R.T. -0.010 min
Lab File: VL038433.D
Acq: 24 Feb 2022 13:16



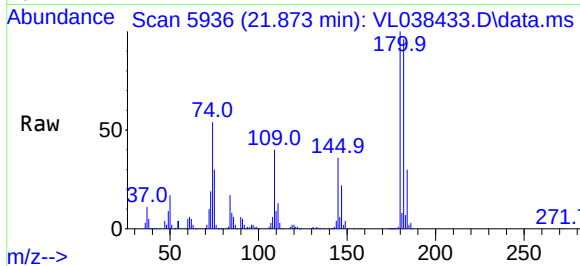
Tgt Ion:142 Resp: 253121
Ion Ratio Lower Upper
142 100
141 81.7 69.8 104.6
115 44.5 33.0 49.6





#81
 1,2,4-Trichlorobenzene
 Concen: 10.180 ppbv
 RT: 21.873 min Scan# 5936
 Delta R.T. -0.013 min
 Lab File: VL038433.D
 Acq: 24 Feb 2022 13:16

Instrument : MSVOA_L
 ClientSampleId : VL0224ABS01



Tgt Ion:180 Resp: 800712
 Ion Ratio Lower Upper
 180 100
 182 99.6 77.4 116.2
 184 31.2 24.9 37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/26/2022
 Supervised By :Mahesh Dadoda 02/28/2022

