

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051122\
 Data File : VL039021.D
 Acq On : 11 May 2022 14:55
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: May 11 15:27:48 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 11 15:27:48 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/11/2022
 Supervised By : Mahesh Dadoda 05/16/2022

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

Internal Standards						
1) Bromochloromethane	5.649	49	1017562	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.153	114	2864050	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.057	117	2594368m	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.384	95	1901368	9.254	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.041	85	1399969	8.781	ppbv	98
3) Chlorodifluoromethane	2.983	51	1197825	9.486	ppbv	96
4) Chloromethane	3.134	50	625913	9.899	ppbv	95
5) Vinyl Chloride	3.250	62	594415	10.294	ppbv	95
6) Bromomethane	3.465	94	290663	10.656	ppbv	95
7) Chloroethane	3.549	64	202728	10.490	ppbv	99
8) Dichlorotetrafluoroethane	3.179	85	1393630	9.645	ppbv	95
9) Propene	3.002	41	619084	11.227	ppbv	93
10) Heptane	8.099	43	1511398	11.172	ppbv	99
11) Trichlorofluoromethane	3.938	101	1273673	9.311	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.472	101	936668	9.940	ppbv	94
13) Ethanol	3.604	45	29701m	7.611	ppbv	
14) Bromoethene	3.732	108	418723	10.776	ppbv	98
15) Acetone	3.835	43	952314	9.921	ppbv	100
16) 1,3-Butadiene	3.321	39	554019	10.046	ppbv	98
17) tert-Butyl alcohol	4.269	59	811609	11.001	ppbv	99
18) 1,1-Dichloroethene	4.276	96	417326	10.290	ppbv	96
19) Isopropyl Alcohol	3.948	45	480347	10.525	ppbv #	98
20) Methylene Chloride	4.330	84	339416	9.382	ppbv	98
21) Allyl Chloride	4.398	41	701663	10.728	ppbv	99
22) trans-1,2-Dichloroethene	4.870	96	443007	10.113	ppbv	94
23) Vinyl Acetate	5.057	43	881021	11.600	ppbv #	96
24) 1,1-Dichloroethane	4.993	63	881741	10.082	ppbv	99
25) Ethyl Acetate	5.655	43	2560022	11.143	ppbv	100
26) Hexane	5.668	57	1106599	10.841	ppbv	96
27) Carbon Disulfide	4.536	76	1050600	10.834	ppbv	99
28) Methyl tert-Butyl Ether	5.015	73	857560	11.042	ppbv	98
29) Chloroform	5.732	83	1666327	10.090	ppbv	100
30) Cyclohexane	7.108	84	967763	11.324	ppbv	94
31) cis-1,2-Dichloroethene	5.530	61	1091265	10.493	ppbv	91
32) 1,1,1-Trichloroethane	6.491	97	1654060	10.017	ppbv	98
34) 2-Butanone	5.224	43	1364204	9.336	ppbv	97
35) Carbon Tetrachloride	6.996	117	1679902	8.902	ppbv	97
36) Benzene	6.870	78	2398267	9.785	ppbv	97
37) 1,2-Dichloroethane	6.285	62	1233638	8.135	ppbv #	96
38) Trichloroethene	7.812	130	1039508	9.540	ppbv	95
39) 1,2-Dichloropropane	7.587	63	907355	9.514	ppbv	95
40) 1,4-Dioxane	7.803	88	313040	9.139	ppbv #	1
41) Tetrahydrofuran	6.028	42	990061	10.082	ppbv	99
42) Bromodichloromethane	7.767	83	1810427	8.732	ppbv	100
43) Methyl Methacrylate	7.992	69	979331	9.842	ppbv	96
44) 2,2,4-Trimethylpentane	7.848	57	3940437	9.162	ppbv	98
45) t-1,3-Dichloropropene	9.253	75	1044278	10.842	ppbv	97

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Manual Integrations
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Reviewed By : Semsettin Yesilyurt 05/11/2022
 Supervised By : Mahesh Dadoda 05/16/2022

Quant Time: May 11 15:27:48 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

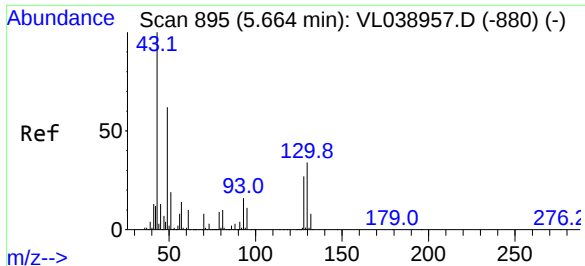
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 11 15:27:48 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

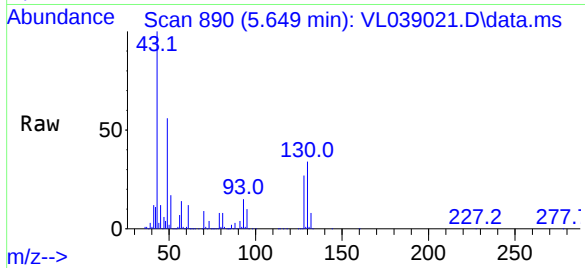
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.681	75	1318770	10.325	ppbv	92
47) 1,1,2-Trichloroethane	9.449	97	971002	9.790	ppbv	99
48) Dibromochloromethane	10.275	129	1555993	9.638	ppbv	100
49) Bromoform	13.008	173	1221896	9.924	ppbv	99
50) 4-Methyl-2-Pentanone	8.713	43	2467767	9.631	ppbv	99
51) 2-Hexanone	10.102	43	1994685	10.667	ppbv #	98
52) Tetrachloroethene	11.195	164	818222	9.342	ppbv	95
53) Toluene	9.780	91	2797887	10.185	ppbv	100
54) 1,2-Dibromoethane	10.584	107	1343871	9.952	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.098	131	1081778	9.503	ppbv	95
57) Chlorobenzene	12.121	112	1963463	10.096	ppbv	93
58) Ethyl Benzene	12.680	91	3656310	9.793	ppbv	99
59) m/p-Xylene	12.963	91	6028539m	18.914	ppbv	
60) o-Xylene	13.661	91	2831609	9.439	ppbv	97
61) Styrene	13.497	104	1761503	10.999	ppbv	95
62) Isopropylbenzene	14.639	105	4194182	9.561	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.645	83	1617897	9.159	ppbv	100
64) n-propylbenzene	15.529	120	1091338	10.289	ppbv	93
65) tert-Butylbenzene	16.716	119	3575277	9.301	ppbv	95
66) Benzyl Chloride	16.957	91	632420	12.587	ppbv	95
67) sec-Butylbenzene	17.265	105	5188512	9.448	ppbv	99
69) p-Isopropyltoluene	17.622	119	4253734	9.588	ppbv	97
70) n-Butylbenzene	18.519	91	4478635	9.502	ppbv	99
71) 2-Chlorotoluene	15.420	91	3170149	9.374	ppbv	96
72) 4-Ethyltoluene	15.806	105	3449846	10.092	ppbv	98
73) 1,3,5-Trimethylbenzene	15.966	105	3028652	9.841	ppbv	94
74) 1,2,4-Trimethylbenzene	16.732	105	3200516	9.498	ppbv	94
75) 1,3-Dichlorobenzene	16.960	146	1852992	10.036	ppbv	98
76) 1,4-Dichlorobenzene	17.105	146	1796572	9.891	ppbv	98
77) 1,2-Dichlorobenzene	17.786	146	1807106	9.896	ppbv	98
78) Hexachloro-1,3-Butadiene	23.342	225	1416713	8.442	ppbv	99
79) Naphthalene	22.153	128	3132731	11.445	ppbv	99
80) Naphthalene,2-methyl-	24.944	142	1086983	13.127	ppbv	93
81) 1,2,4-Trichlorobenzene	21.889	180	1614922	10.068	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.649 min Scan# 89
Delta R.T. -0.016 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

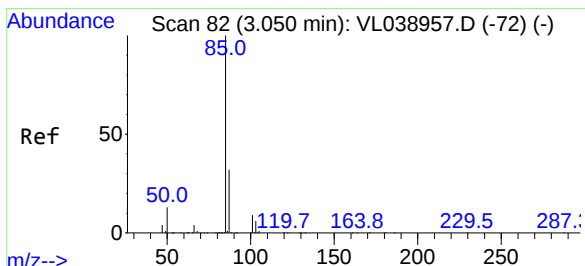
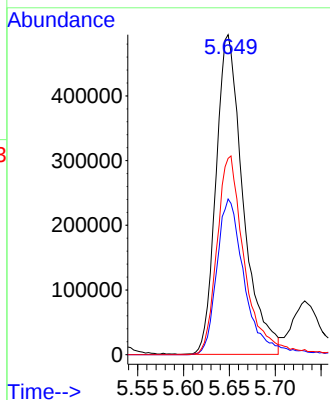
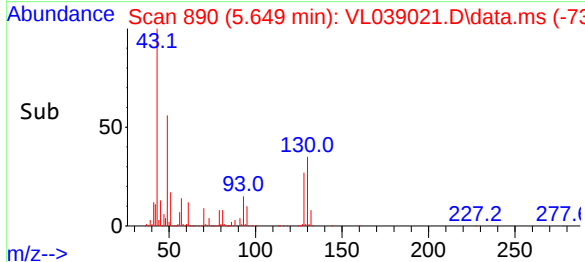
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



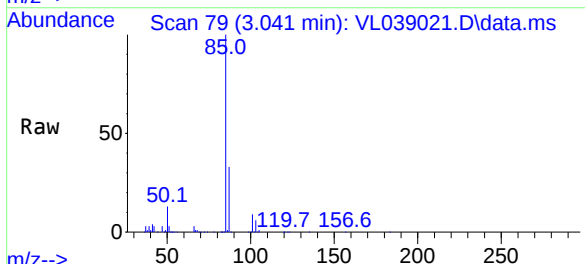
Tgt Ion: 49 Resp: 1017562
Ion Ratio Lower Upper
49 100
128 51.0 23.3 69.8
130 65.1 29.8 89.3

Manual Integrations
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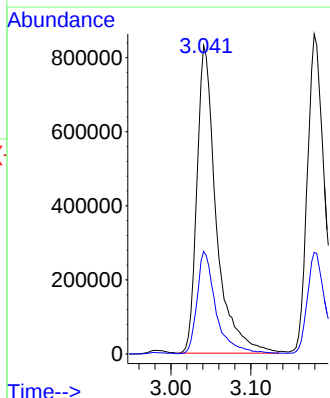
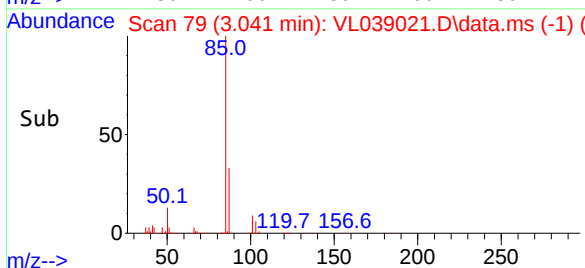
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022

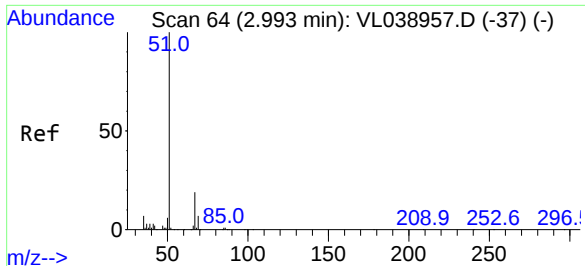


#2
Dichlorodifluoromethane
Concen: 8.781 ppbv
RT: 3.041 min Scan# 79
Delta R.T. -0.009 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55



Tgt Ion: 85 Resp: 1399969
Ion Ratio Lower Upper
85 100
87 33.2 25.7 38.5





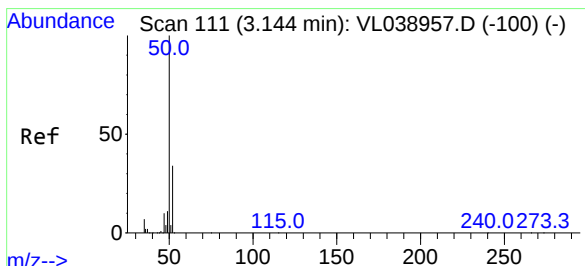
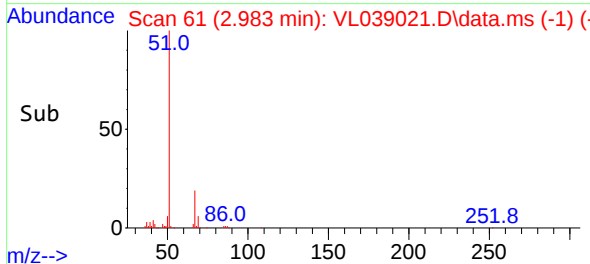
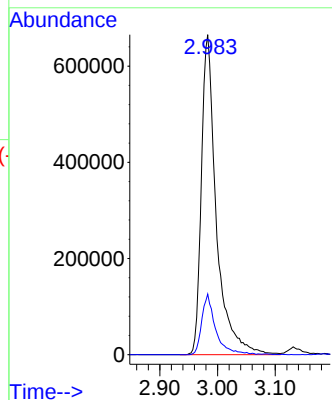
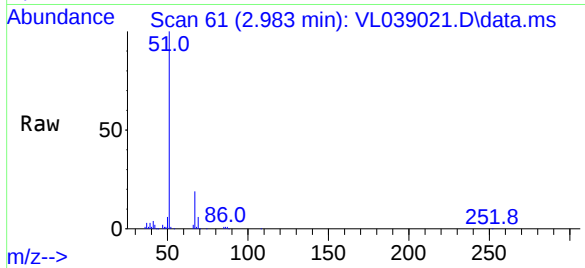
#3
Chlorodifluoromethane
Concen: 9.486 ppbv
RT: 2.983 min Scan# 61
Delta R.T. -0.009 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1197829
Ion Ratio Lower Upper
51 100
67 17.8 15.8 23.8

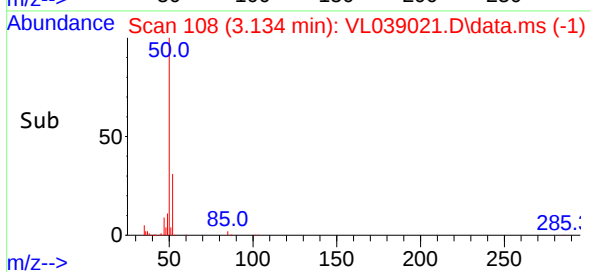
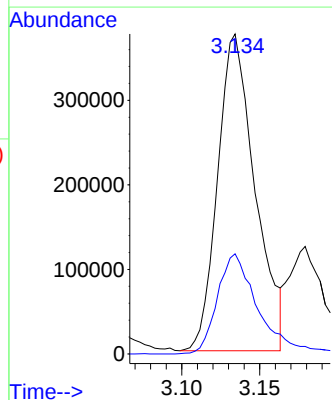
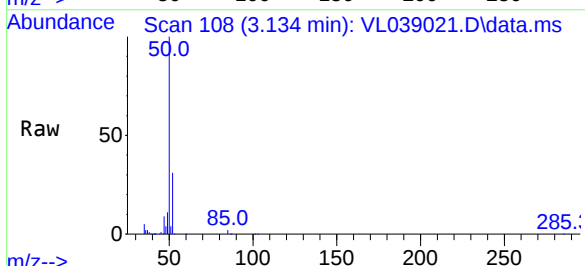
Manual Integrations
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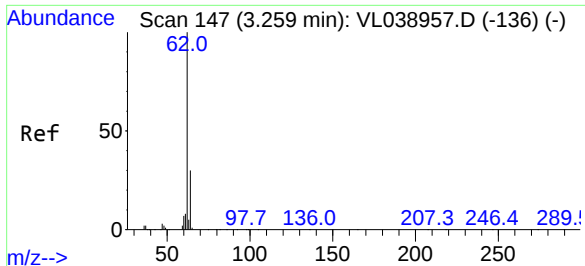
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022



#4
Chloromethane
Concen: 9.899 ppbv
RT: 3.134 min Scan# 108
Delta R.T. -0.009 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Tgt Ion: 50 Resp: 625913
Ion Ratio Lower Upper
50 100
52 31.5 27.3 40.9





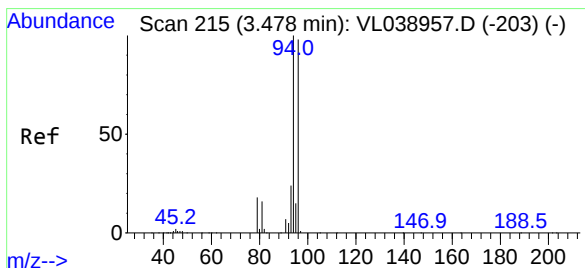
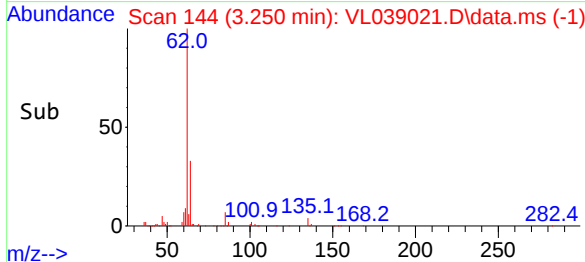
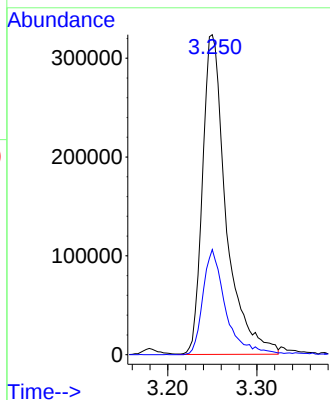
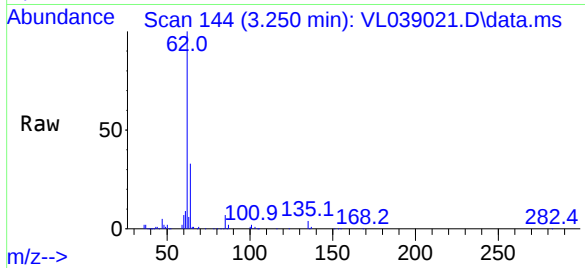
#5
 Vinyl Chloride
 Concen: 10.294 ppbv
 RT: 3.250 min Scan# 147
 Delta R.T. -0.009 min
 Lab File: VL039021.D
 Acq: 11 May 2022 14:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 594415
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.2 36.4

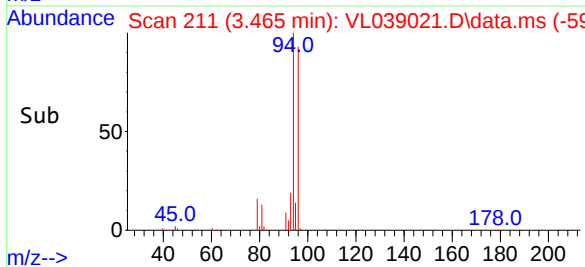
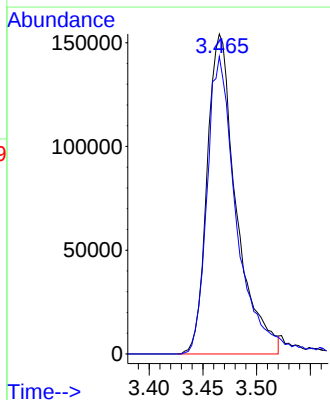
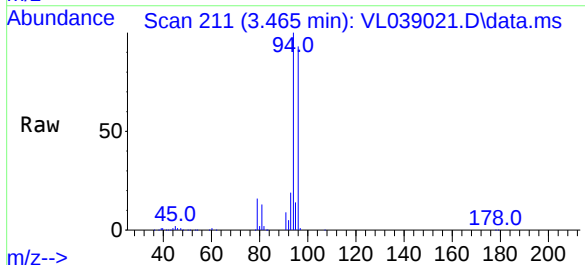
Manual Integrations
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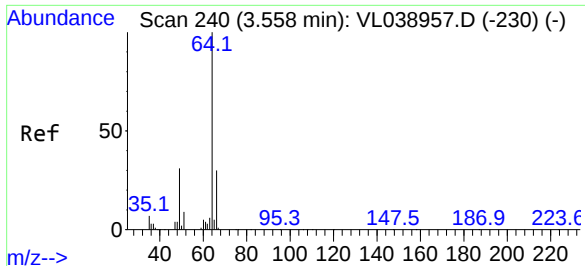
Reviewed By :Semsettin Yesilyurt 05/11/2022
 Supervised By :Mahesh Dadoda 05/16/2022



#6
 Bromomethane
 Concen: 10.656 ppbv
 RT: 3.465 min Scan# 211
 Delta R.T. -0.013 min
 Lab File: VL039021.D
 Acq: 11 May 2022 14:55

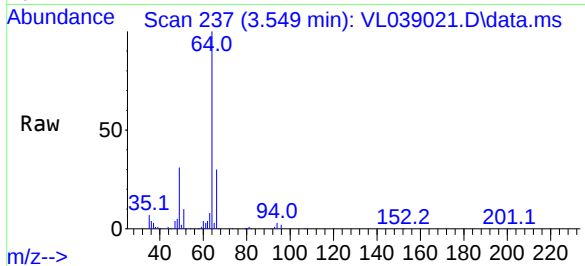
Tgt Ion: 94 Resp: 290663
 Ion Ratio Lower Upper
 94 100
 96 92.9 78.1 117.1





#7
Chloroethane
Concen: 10.490 ppbv
RT: 3.549 min Scan# 21
Delta R.T. -0.009 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

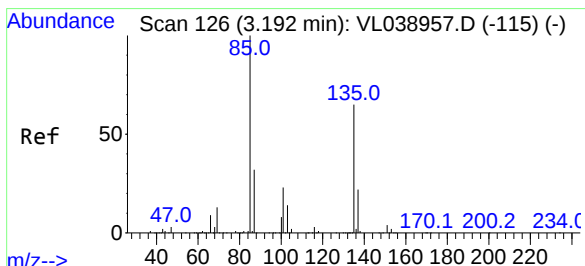
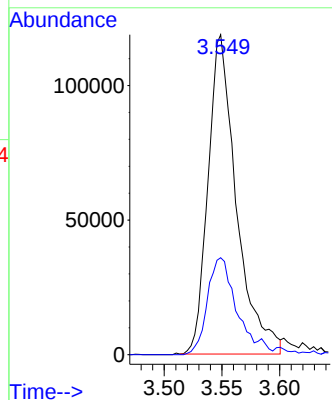
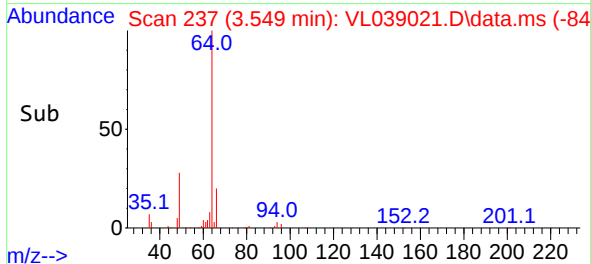
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 202728
Ion Ratio Lower Upper
64 100
66 30.3 23.8 35.8

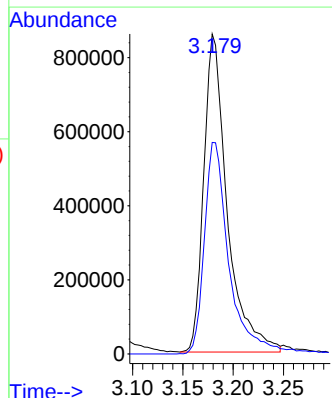
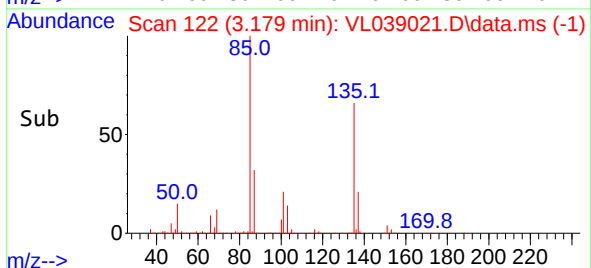
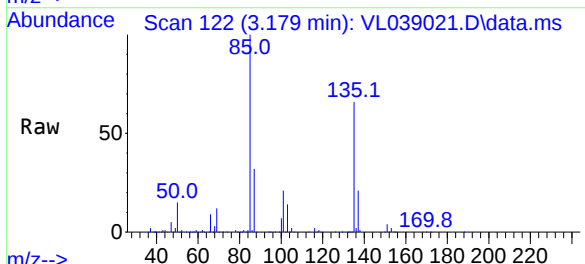
Manual Integrations
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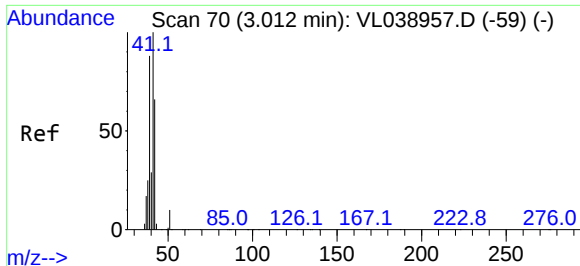
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022



#8
Dichlorotetrafluoroethane
Concen: 9.645 ppbv
RT: 3.179 min Scan# 122
Delta R.T. -0.013 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Tgt Ion: 85 Resp: 1393630
Ion Ratio Lower Upper
85 100
135 71.1 53.6 80.4





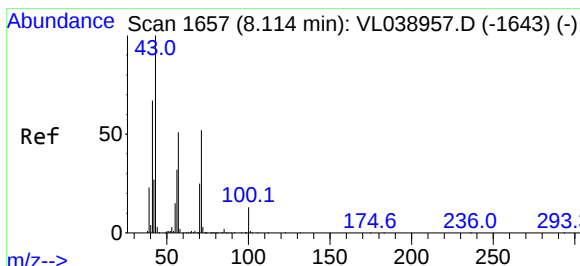
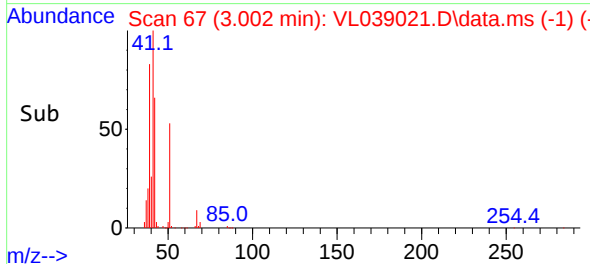
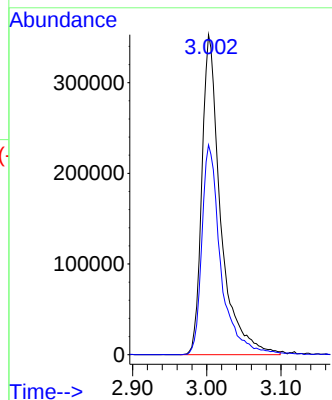
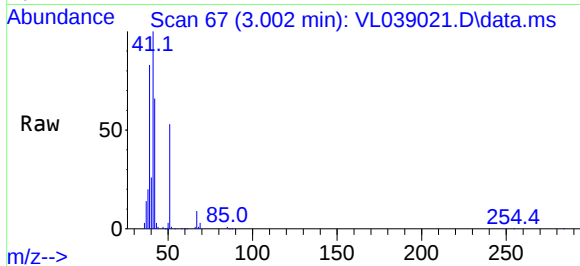
#9
Propene
Concen: 11.227 ppbv
RT: 3.002 min Scan# 61
Delta R.T. -0.009 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 619084
Ion Ratio Lower Upper
41 100
42 66.7 58.3 87.5

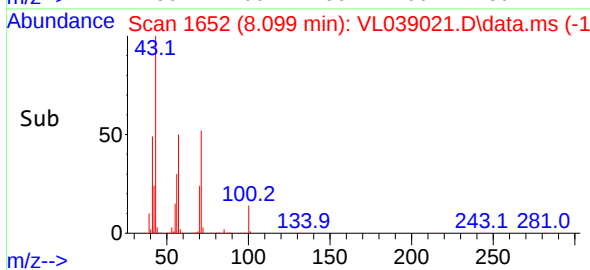
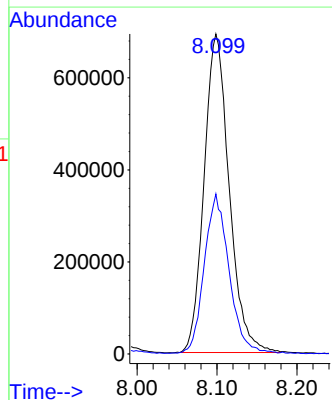
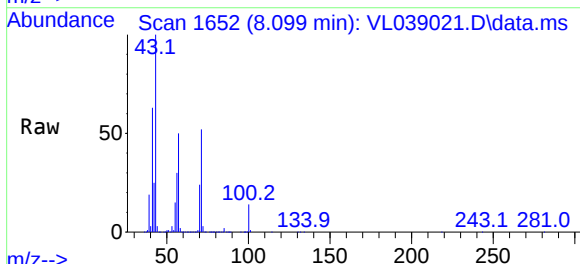
Manual Integrations
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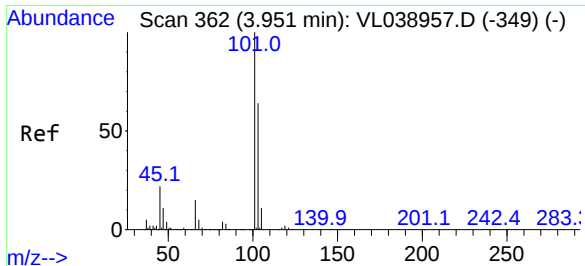
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022



#10
Heptane
Concen: 11.172 ppbv
RT: 8.099 min Scan# 1652
Delta R.T. -0.016 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Tgt Ion: 43 Resp: 1511398
Ion Ratio Lower Upper
43 100
57 49.7 40.5 60.7





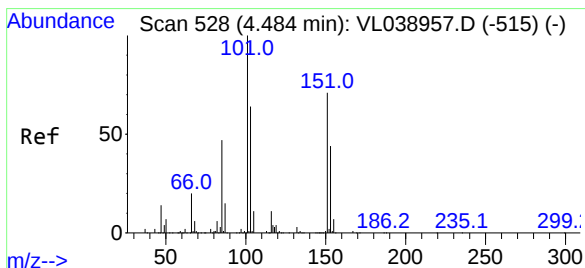
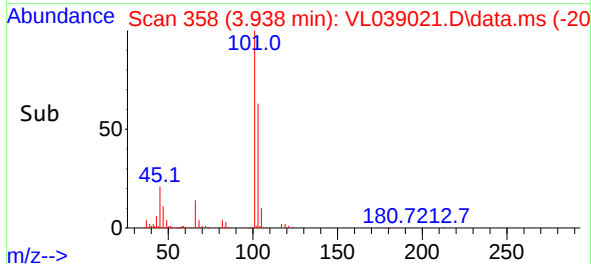
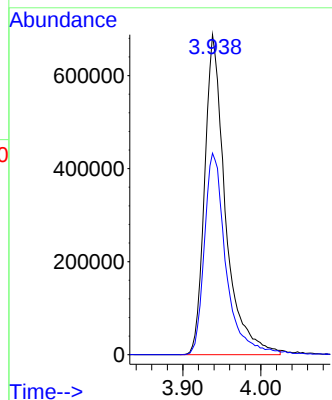
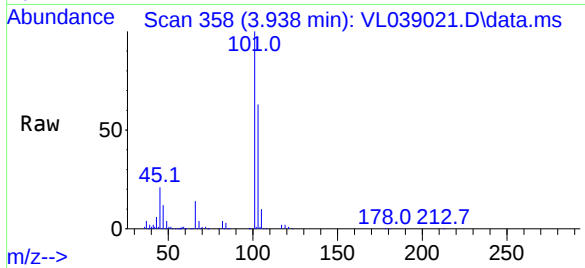
#11
Trichlorofluoromethane
Concen: 9.311 ppbv
RT: 3.938 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 127367
Ion Ratio Lower Upper
101 100
103 63.0 51.5 77.3

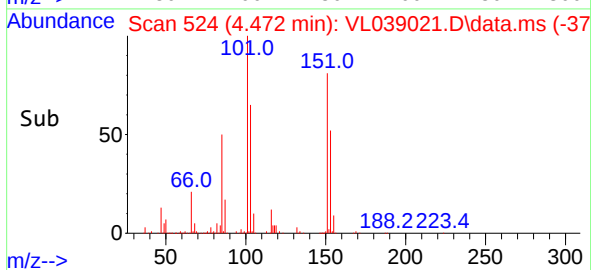
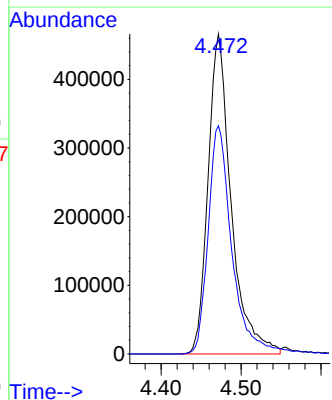
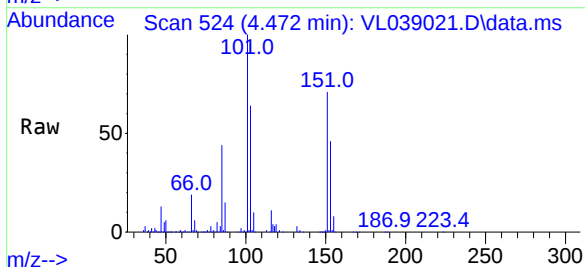
Manual Integrations
APPROVED

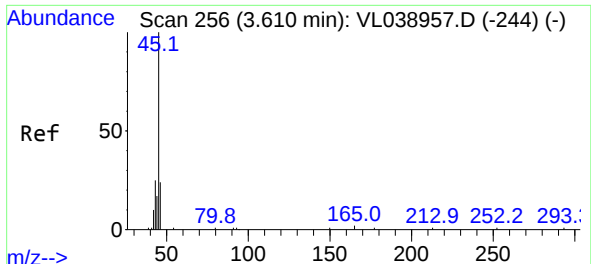
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.940 ppbv
RT: 4.472 min Scan# 524
Delta R.T. -0.013 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

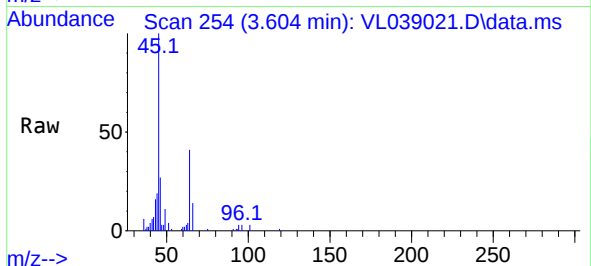
Tgt Ion:101 Resp: 936668
Ion Ratio Lower Upper
101 100
151 73.9 55.4 83.0





#13
Ethanol
Concen: 7.611 ppbv m
RT: 3.604 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

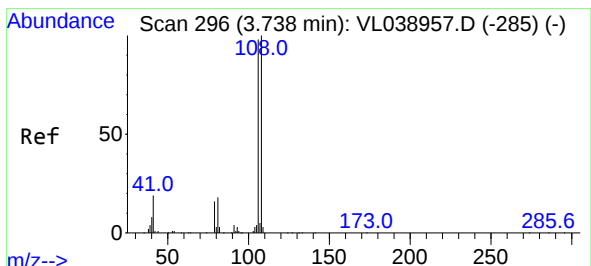
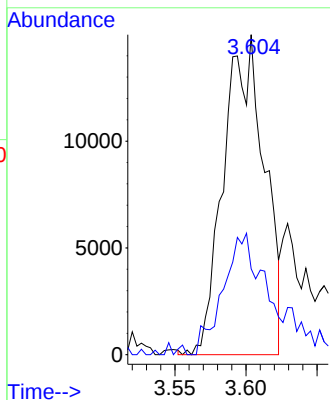
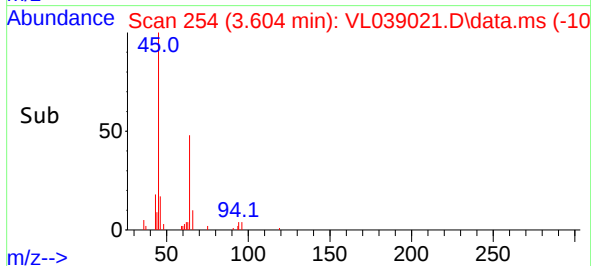
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 2970
Ion Ratio Lower Upper
45 100
46 51.3 18.0 72.2

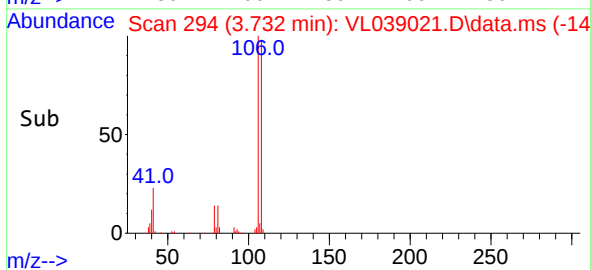
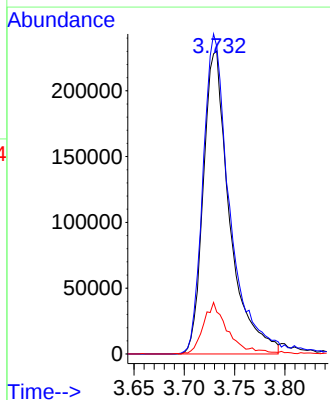
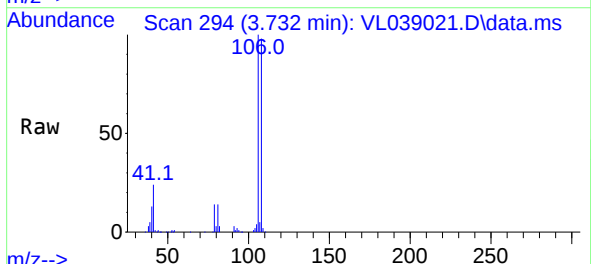
Manual Integrations
APPROVED

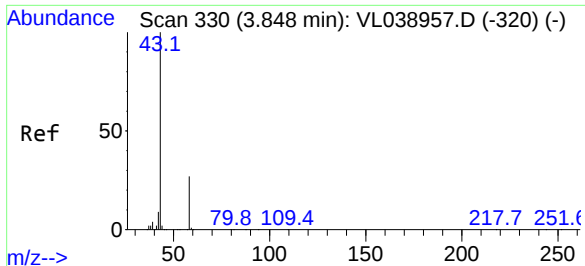
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022



#14
Bromoethene
Concen: 10.776 ppbv
RT: 3.732 min Scan# 294
Delta R.T. -0.006 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

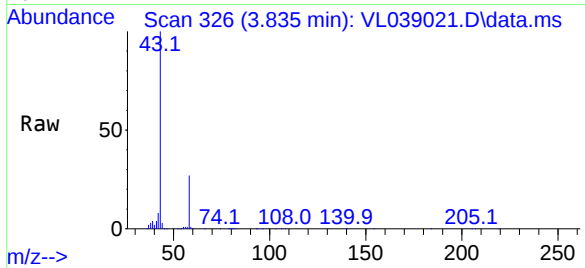
Tgt Ion:108 Resp: 418723
Ion Ratio Lower Upper
108 100
106 110.6 90.3 135.5
79 16.5 14.9 22.3





#15
Acetone
Concen: 9.921 ppbv
RT: 3.835 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

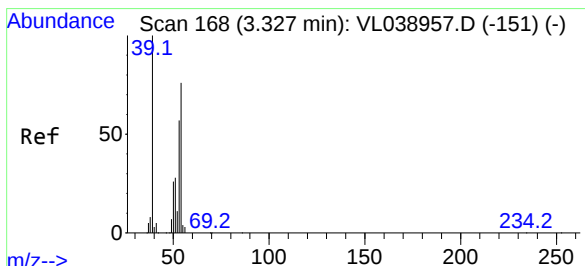
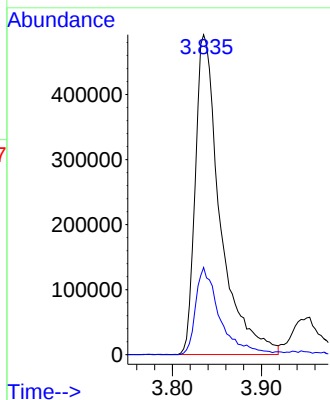
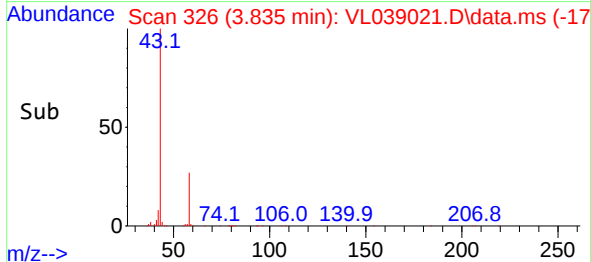
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 952314
Ion Ratio Lower Upper
43 100
58 26.9 21.3 31.9

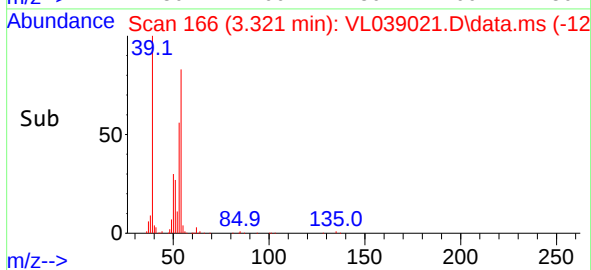
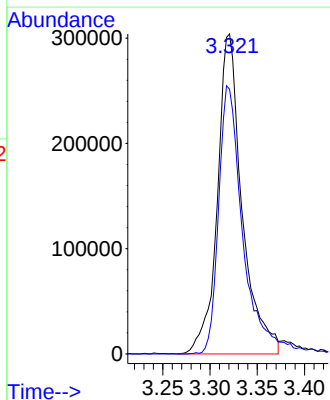
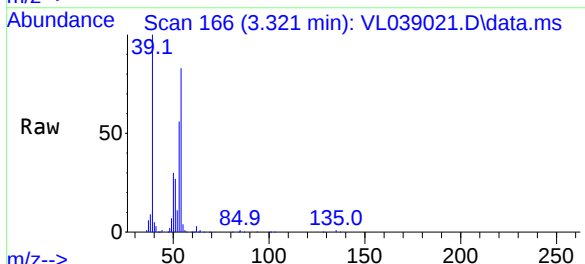
Manual Integrations
APPROVED

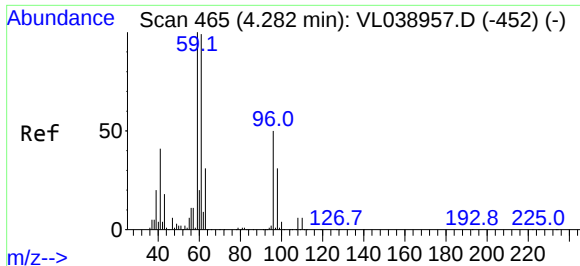
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022



#16
1,3-Butadiene
Concen: 10.046 ppbv
RT: 3.321 min Scan# 166
Delta R.T. -0.006 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Tgt Ion: 39 Resp: 554019
Ion Ratio Lower Upper
39 100
54 83.7 65.2 97.8





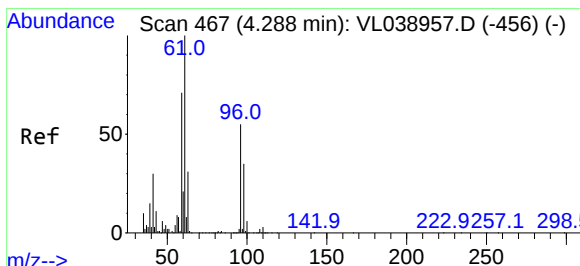
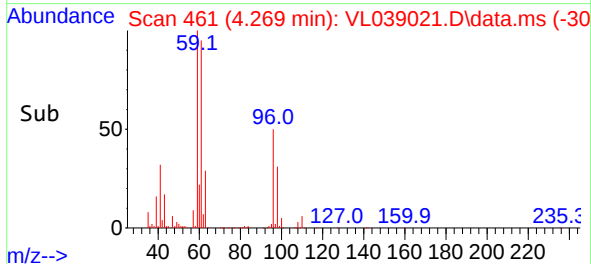
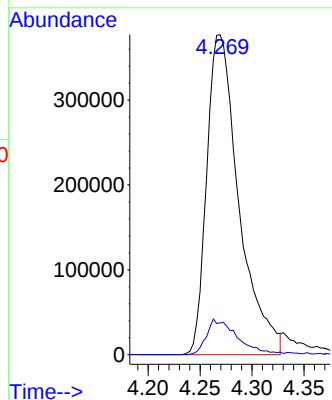
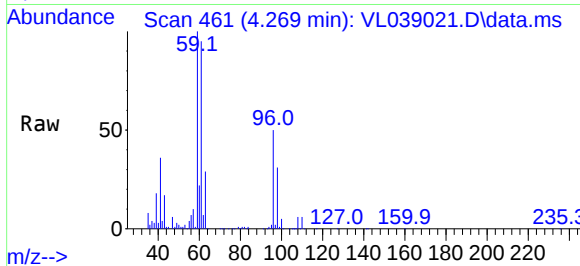
#17
tert-Butyl alcohol
Concen: 11.001 ppbv
RT: 4.269 min Scan# 40
Delta R.T. -0.013 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 811609
Ion Ratio Lower Upper
59 100
57 11.0 9.2 13.8

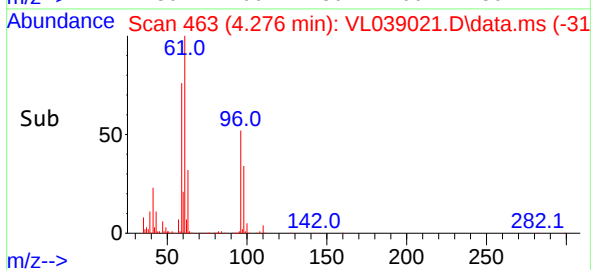
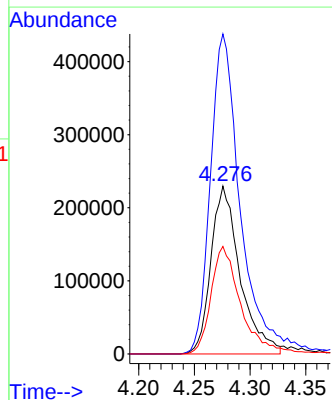
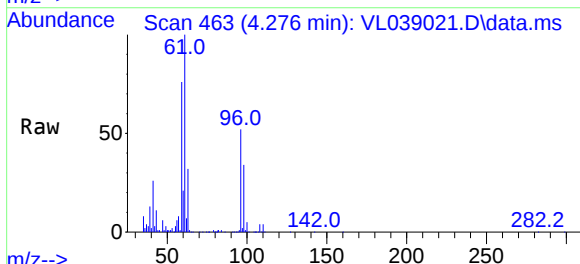
Manual Integrations
APPROVED

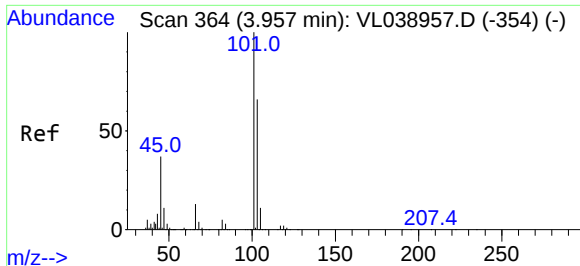
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022



#18
1,1-Dichloroethene
Concen: 10.290 ppbv
RT: 4.276 min Scan# 463
Delta R.T. -0.013 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Tgt Ion: 96 Resp: 417326
Ion Ratio Lower Upper
96 100
61 190.6 146.3 219.5
98 64.1 50.6 75.8





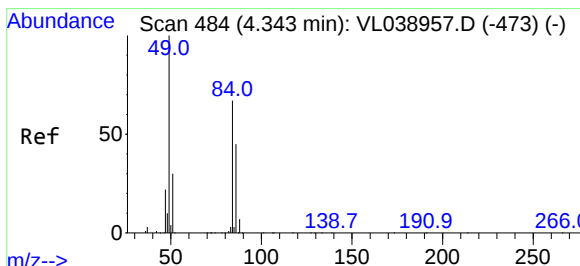
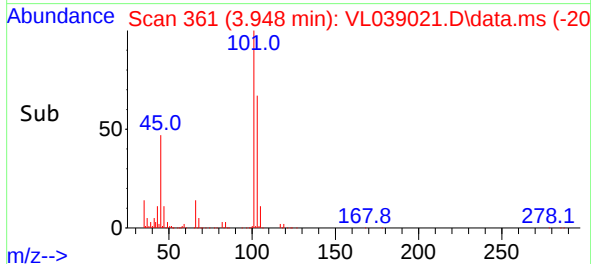
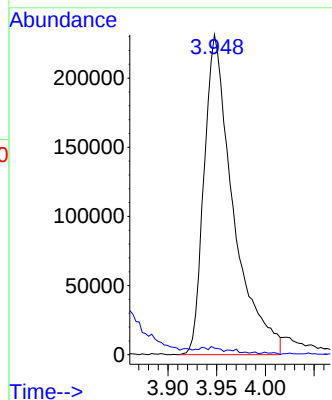
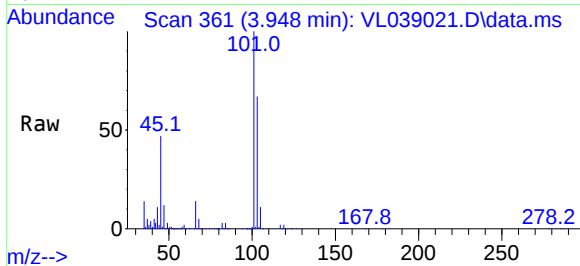
#19
Isopropyl Alcohol
Concen: 10.525 ppbv
RT: 3.948 min Scan# 30
Delta R.T. -0.009 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 48034
Ion Ratio Lower Upper
45 100
58 2.6 1.4 2.2

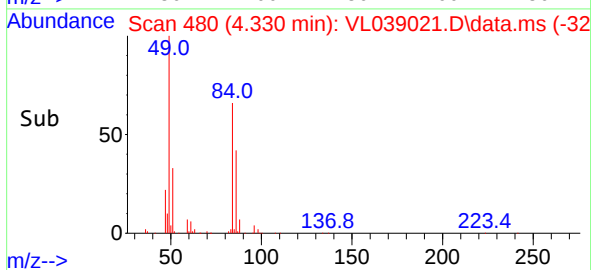
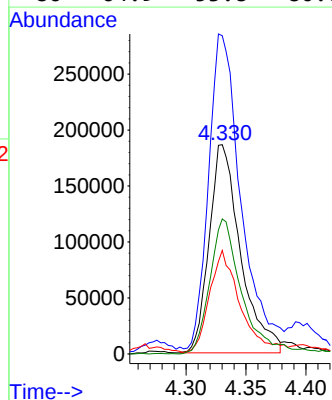
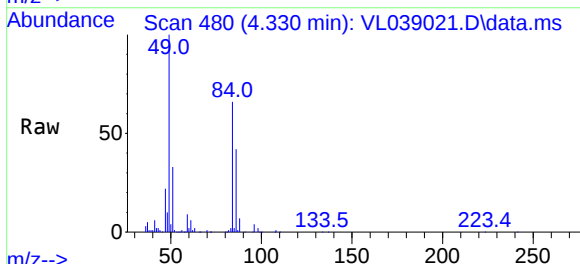
Manual Integrations
APPROVED

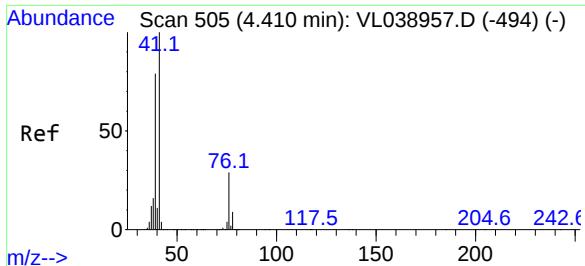
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022



#20
Methylene Chloride
Concen: 9.382 ppbv
RT: 4.330 min Scan# 480
Delta R.T. -0.013 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

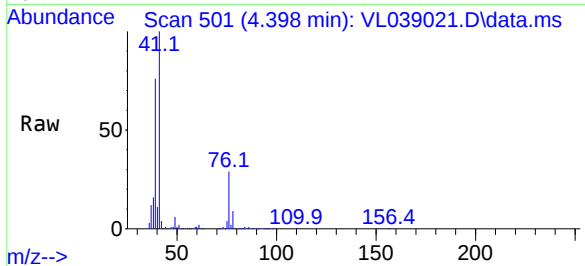
Tgt Ion: 84 Resp: 339416
Ion Ratio Lower Upper
84 100
49 149.6 119.9 179.9
51 48.5 35.7 53.5
86 64.9 53.8 80.6





#21
 Allyl Chloride
 Concen: 10.728 ppbv
 RT: 4.398 min Scan# 501
 Delta R.T. -0.013 min
 Lab File: VL039021.D
 Acq: 11 May 2022 14:55

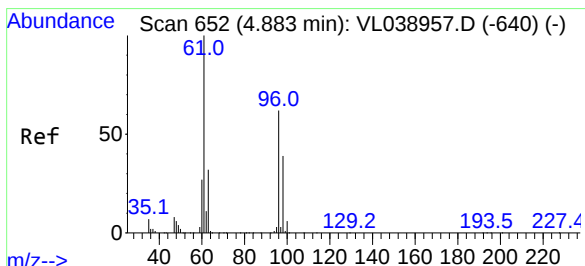
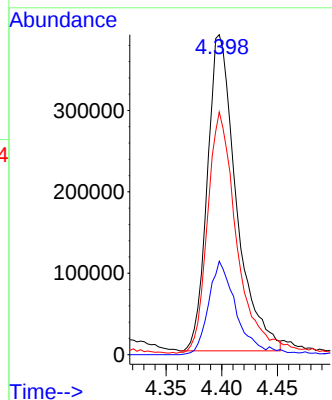
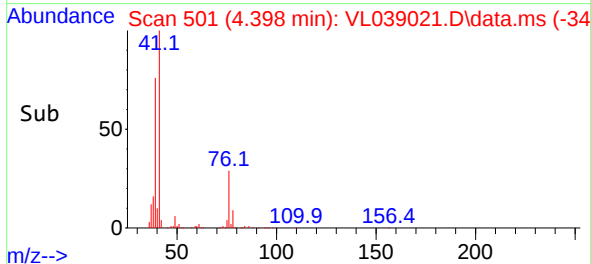
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



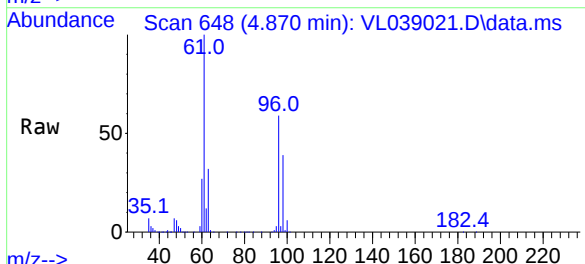
Tgt Ion: 41 Resp: 70166
 Ion Ratio Lower Upper
 41 100
 76 29.1 24.2 36.4
 39 78.8 63.8 95.8

Manual Integrations
 APPROVED

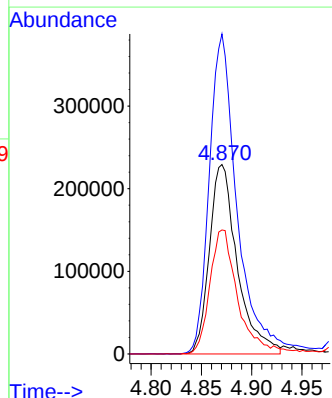
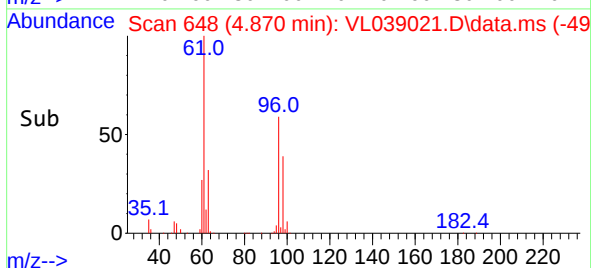
Reviewed By :Semsettin Yesilyurt 05/11/2022
 Supervised By :Mahesh Dadoda 05/16/2022

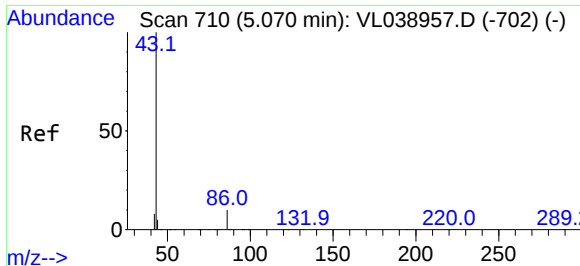


#22
 trans-1,2-Dichloroethene
 Concen: 10.113 ppbv
 RT: 4.870 min Scan# 648
 Delta R.T. -0.013 min
 Lab File: VL039021.D
 Acq: 11 May 2022 14:55



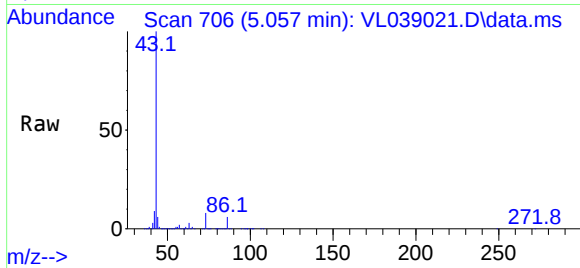
Tgt Ion: 96 Resp: 443007
 Ion Ratio Lower Upper
 96 100
 61 168.8 128.2 192.2
 98 65.5 50.1 75.1





#23
 Vinyl Acetate
 Concen: 11.600 ppbv
 RT: 5.057 min Scan# 706
 Delta R.T. -0.013 min
 Lab File: VL039021.D
 Acq: 11 May 2022 14:55

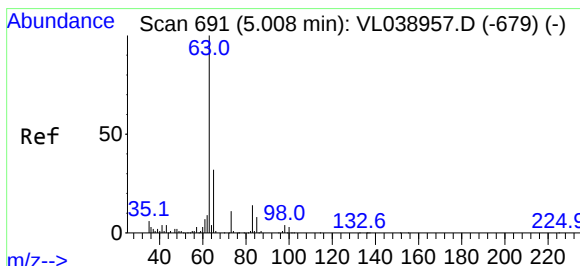
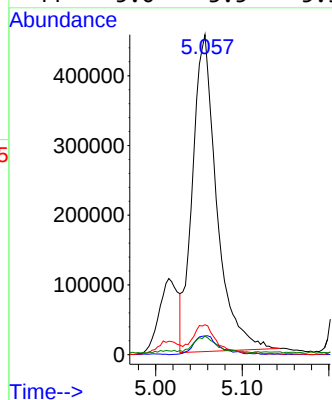
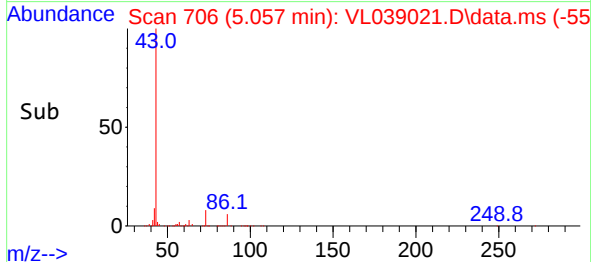
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 43 Resp: 881021
 Ion Ratio Lower Upper
 43 100
 86 5.8 6.6 9.8
 42 9.3 8.1 12.1
 44 5.0 3.5 5.3

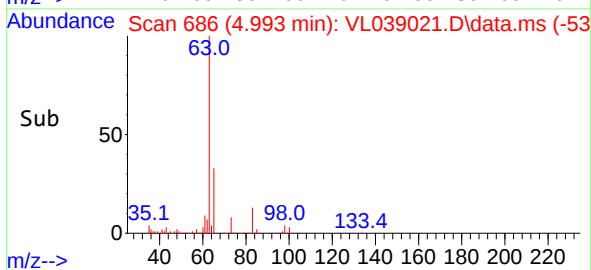
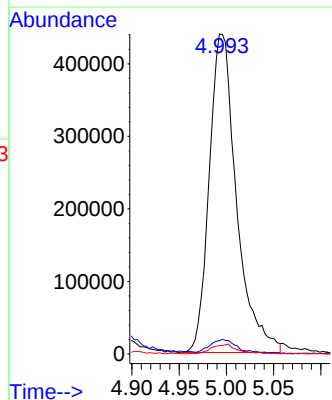
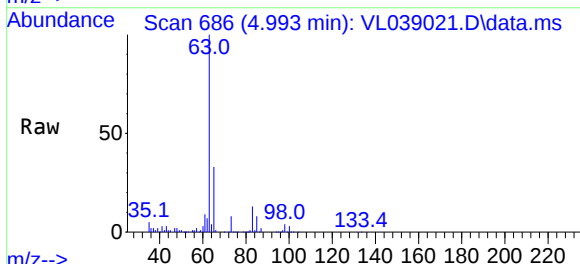
Manual Integrations
 APPROVED

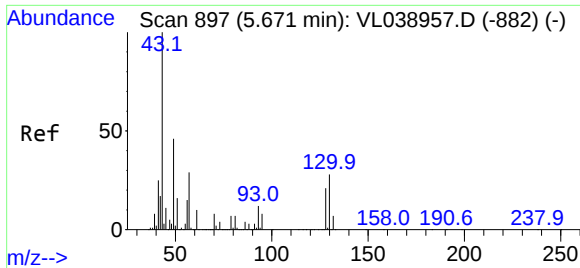
Reviewed By :Semsettin Yesilyurt 05/11/2022
 Supervised By :Mahesh Dadoda 05/16/2022



#24
 1,1-Dichloroethane
 Concen: 10.082 ppbv
 RT: 4.993 min Scan# 686
 Delta R.T. -0.016 min
 Lab File: VL039021.D
 Acq: 11 May 2022 14:55

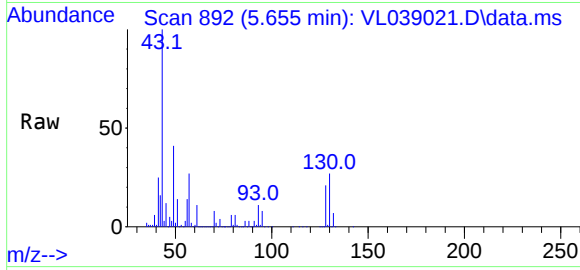
Tgt Ion: 63 Resp: 881741
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.1 6.2
 100 2.6 1.4 4.2





#25
Ethyl Acetate
Concen: 11.143 ppbv
RT: 5.655 min Scan# 891
Delta R.T. -0.016 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

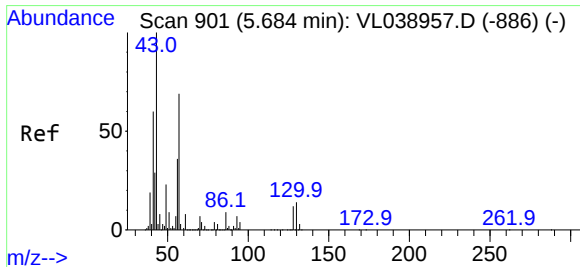
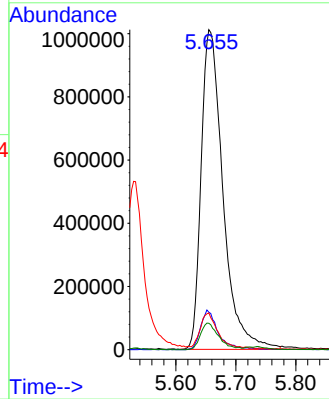
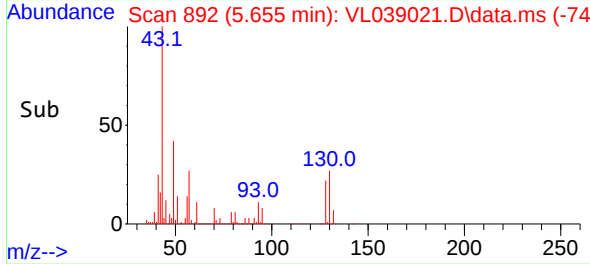


Tgt Ion: 43 Resp: 256002

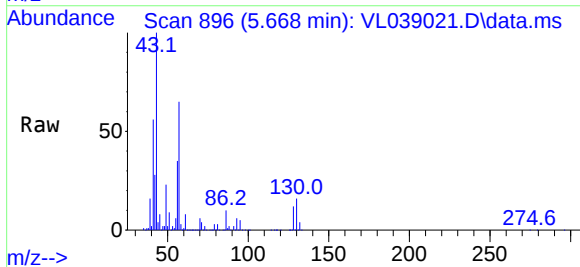
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.1	12.1
61	9.7	7.8	11.6
70	7.1	5.6	8.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022

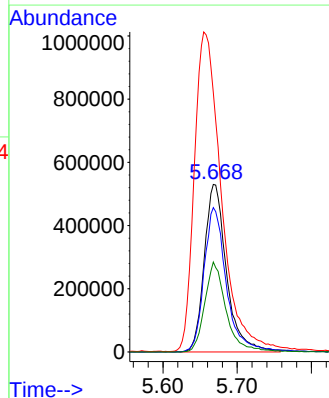
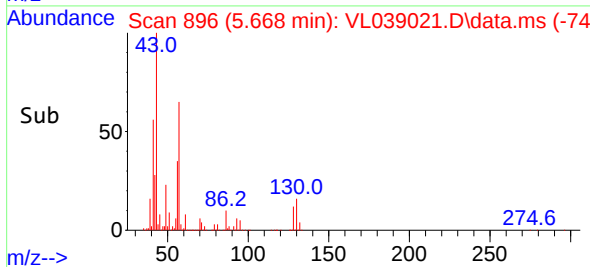


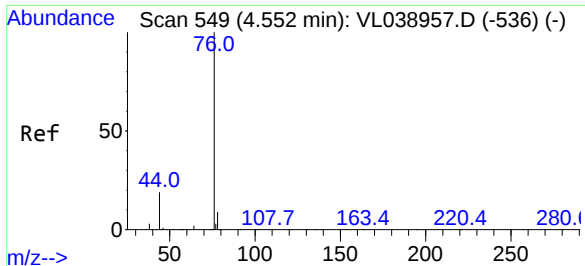
#26
Hexane
Concen: 10.841 ppbv
RT: 5.668 min Scan# 896
Delta R.T. -0.016 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55



Tgt Ion: 57 Resp: 1106599

Ion	Ratio	Lower	Upper
57	100		
41	86.9	75.2	112.8
43	234.0	190.8	286.2
56	51.6	43.0	64.6





#27

Carbon Disulfide

Concen: 10.834 ppbv

RT: 4.536 min Scan# 549

Delta R.T. -0.016 min

Lab File: VL039021.D

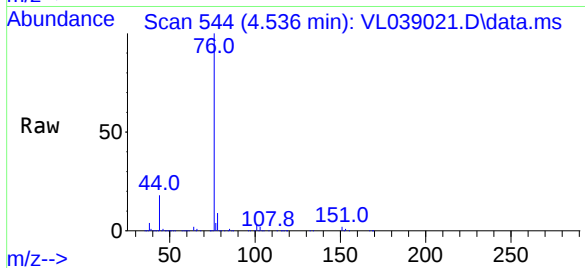
Acq: 11 May 2022 14:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 76 Resp: 1050600

Ion Ratio Lower Upper

76 100

44 18.7 15.3 22.9

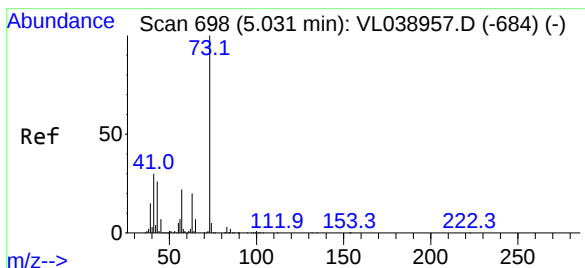
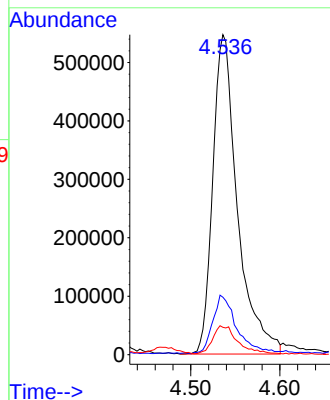
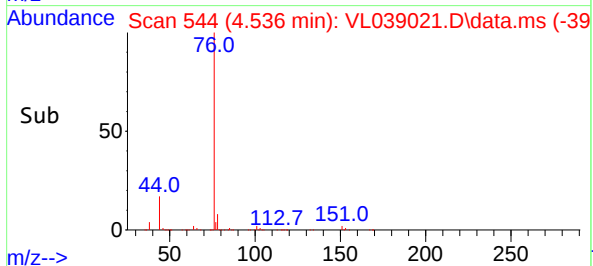
78 10.2 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/11/2022

Supervised By :Mahesh Dadoda 05/16/2022



#28

Methyl tert-Butyl Ether

Concen: 11.042 ppbv

RT: 5.015 min Scan# 693

Delta R.T. -0.016 min

Lab File: VL039021.D

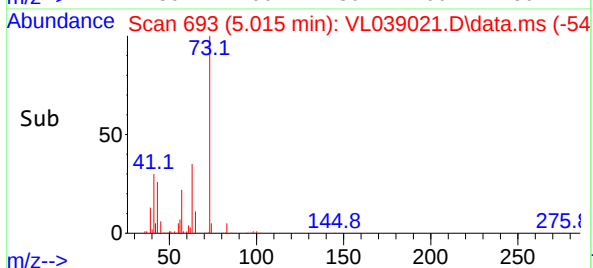
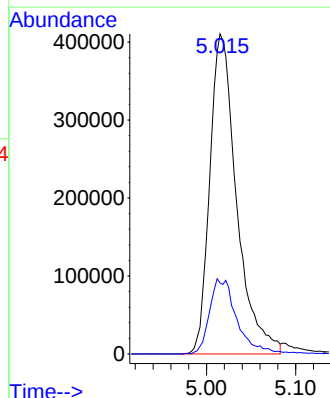
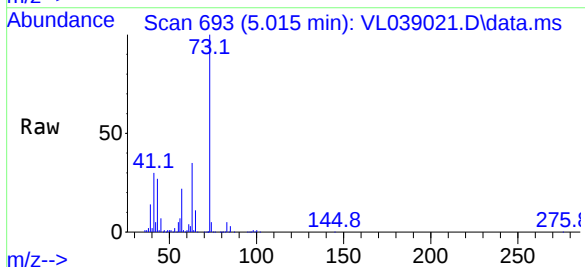
Acq: 11 May 2022 14:55

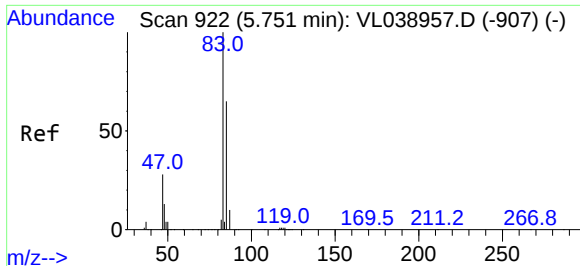
Tgt Ion: 73 Resp: 857560

Ion Ratio Lower Upper

73 100

57 24.3 18.8 28.2





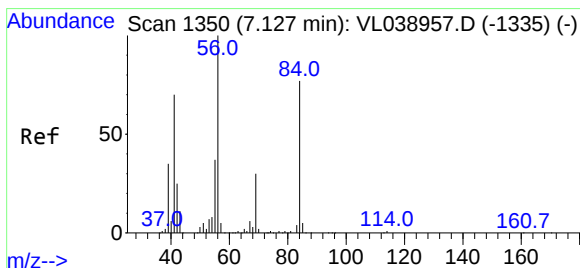
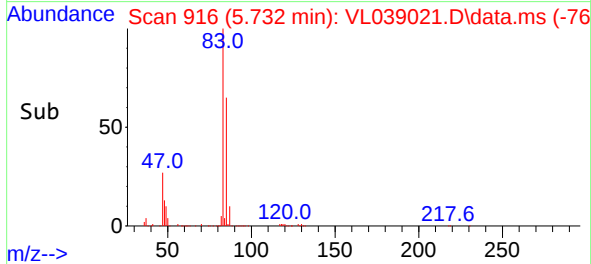
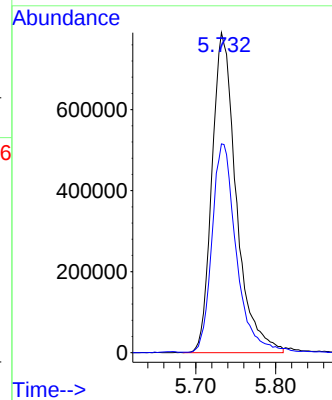
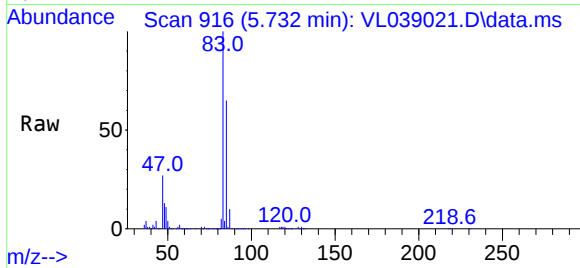
#29
Chloroform
Concen: 10.090 ppbv
RT: 5.732 min Scan# 916
Delta R.T. -0.019 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 166632
Ion Ratio Lower Upper
83 100
85 65.1 51.8 77.6

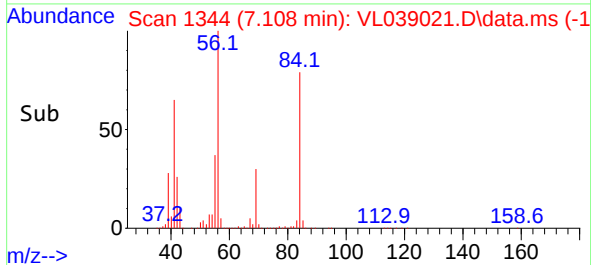
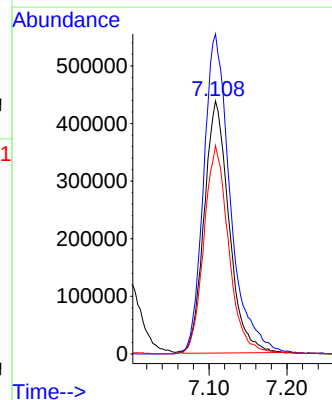
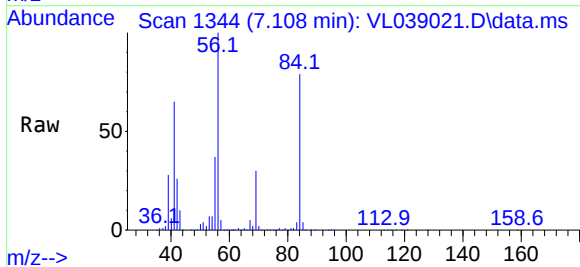
Manual Integrations
APPROVED

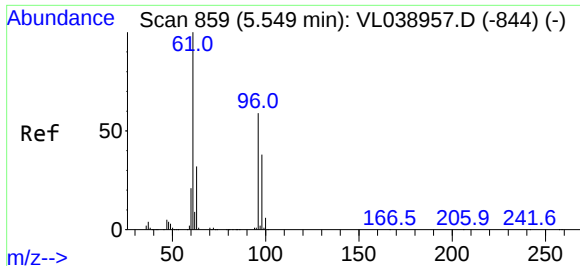
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022



#30
Cyclohexane
Concen: 11.324 ppbv
RT: 7.108 min Scan# 1344
Delta R.T. -0.019 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Tgt Ion: 84 Resp: 967763
Ion Ratio Lower Upper
84 100
56 137.9 115.3 172.9
41 83.4 72.0 108.0





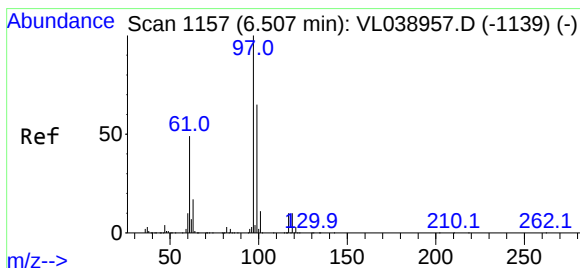
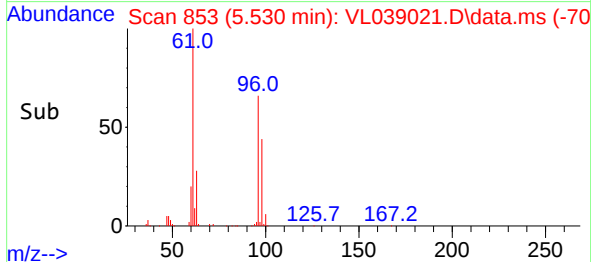
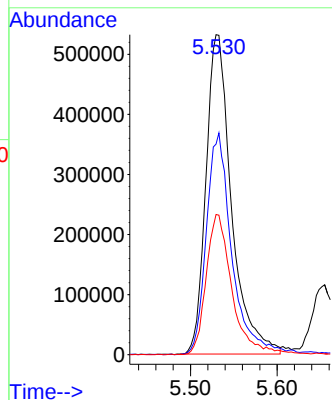
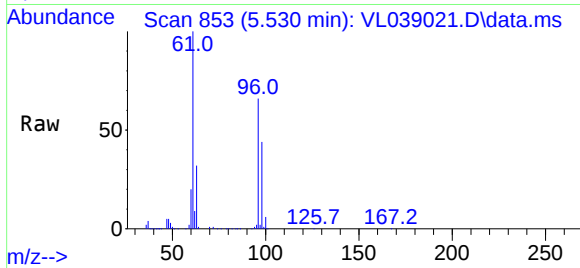
#31
cis-1,2-Dichloroethene
Concen: 10.493 ppbv
RT: 5.530 min Scan# 81
Delta R.T. -0.019 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 109126
Ion Ratio Lower Upper
61 100
96 65.9 47.4 71.0
98 43.8 30.6 45.8

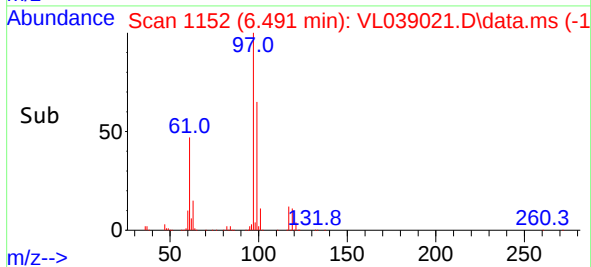
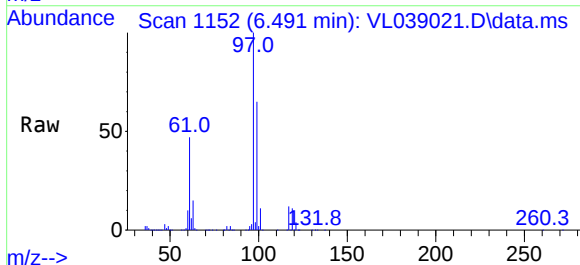
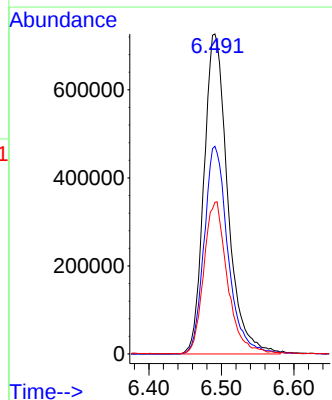
Manual Integrations
APPROVED

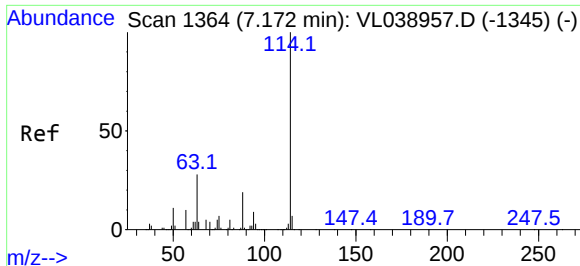
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022



#32
1,1,1-Trichloroethane
Concen: 10.017 ppbv
RT: 6.491 min Scan# 1152
Delta R.T. -0.016 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

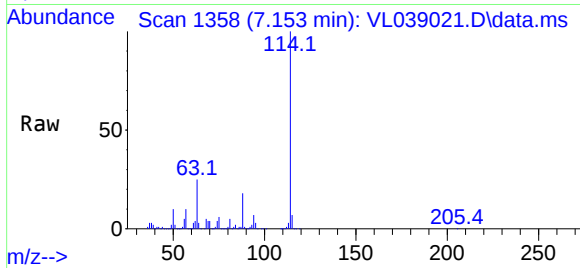
Tgt Ion: 97 Resp: 1654060
Ion Ratio Lower Upper
97 100
99 65.3 51.9 77.9
61 47.7 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 114
Delta R.T. -0.019 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

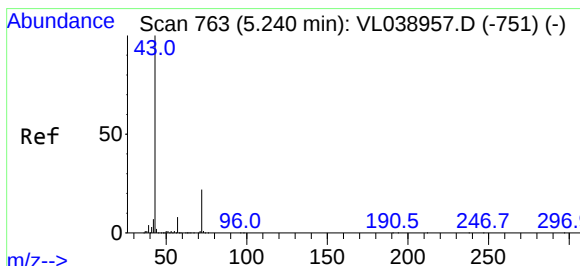
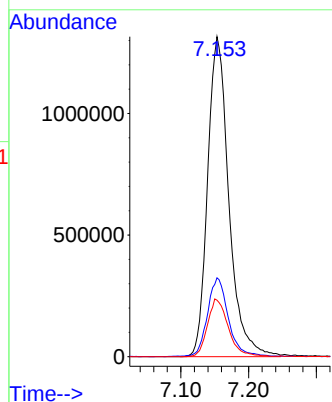
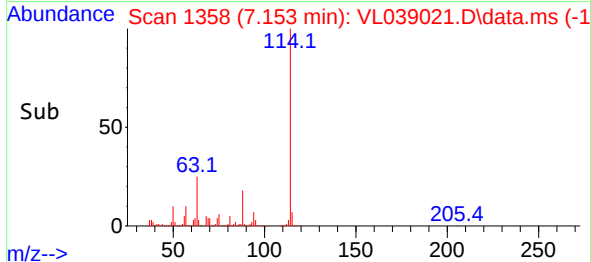
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



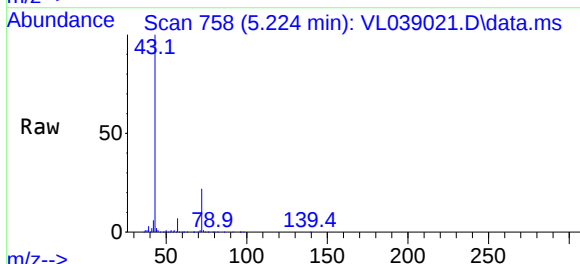
Tgt Ion:114 Resp: 2864050
Ion Ratio Lower Upper
114 100
63 24.5 22.6 33.8
88 17.8 15.4 23.0

Manual Integrations
APPROVED

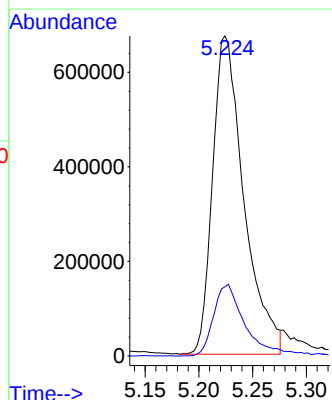
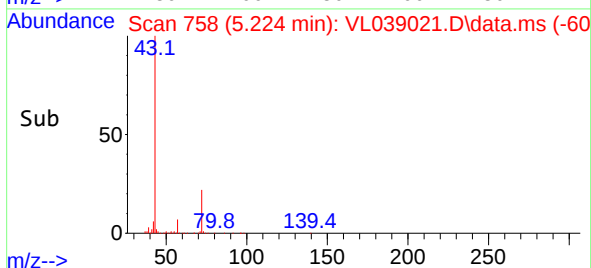
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022

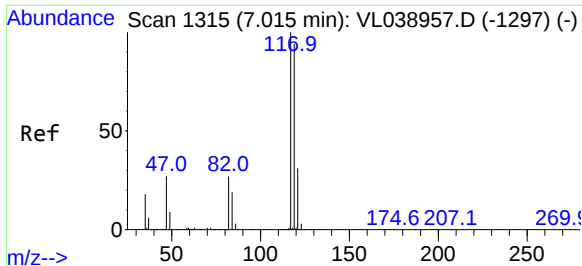


#34
2-Butanone
Concen: 9.336 ppbv
RT: 5.224 min Scan# 758
Delta R.T. -0.016 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55



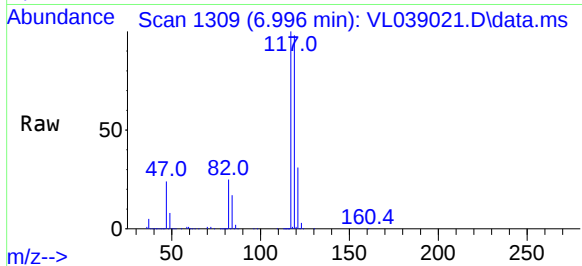
Tgt Ion: 43 Resp: 1364204
Ion Ratio Lower Upper
43 100
72 23.6 17.8 26.6





#35
Carbon Tetrachloride
Concen: 8.902 ppbv
RT: 6.996 min Scan# 117
Delta R.T. -0.019 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

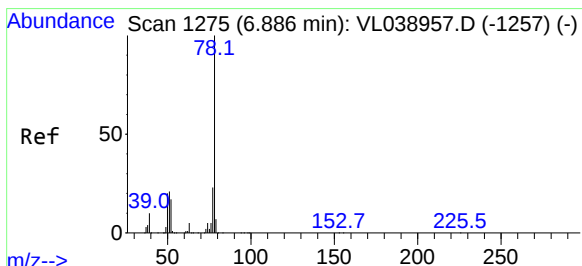
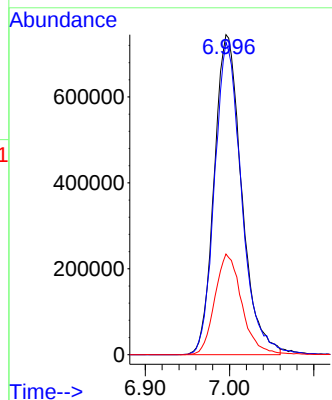
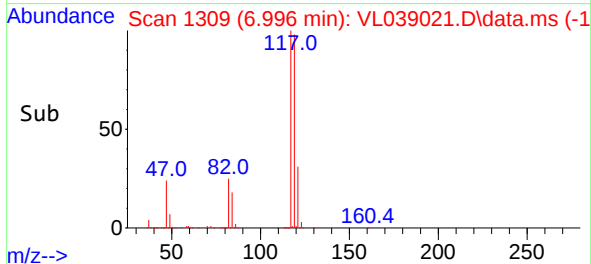
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 1679902
Ion Ratio Lower Upper
117 100
119 97.6 75.2 112.8
121 31.4 24.6 37.0

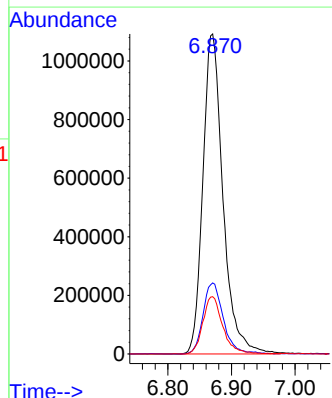
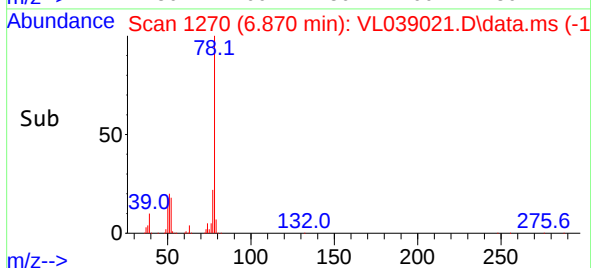
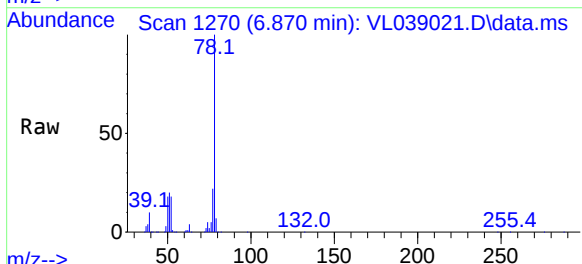
Manual Integrations
APPROVED

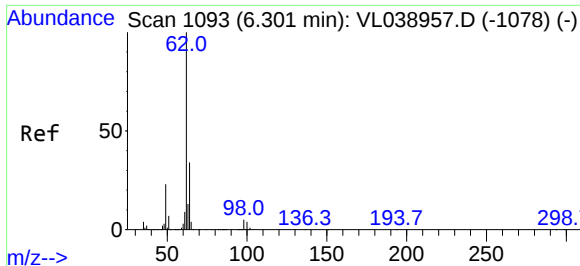
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022



#36
Benzene
Concen: 9.785 ppbv
RT: 6.870 min Scan# 1270
Delta R.T. -0.016 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

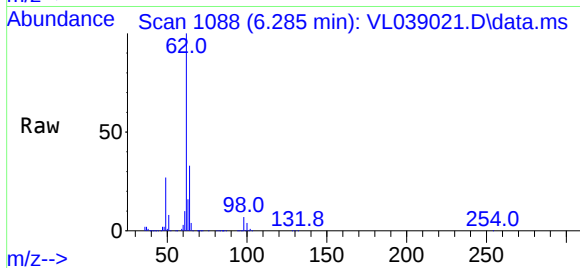
Tgt Ion: 78 Resp: 2398267
Ion Ratio Lower Upper
78 100
77 22.2 18.6 28.0
50 17.9 15.6 23.4





#37
1,2-Dichloroethane
Concen: 8.135 ppbv
RT: 6.285 min Scan# 1093
Delta R.T. -0.016 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

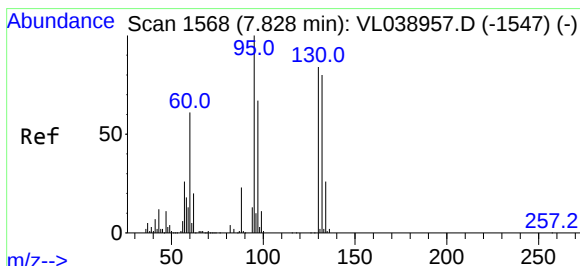
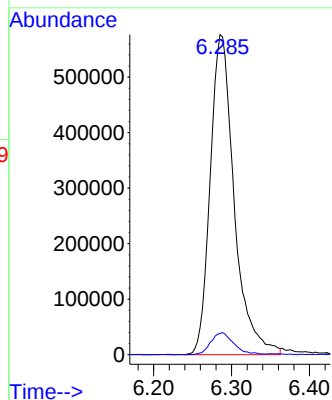
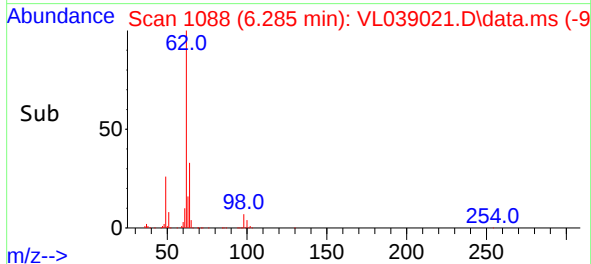
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



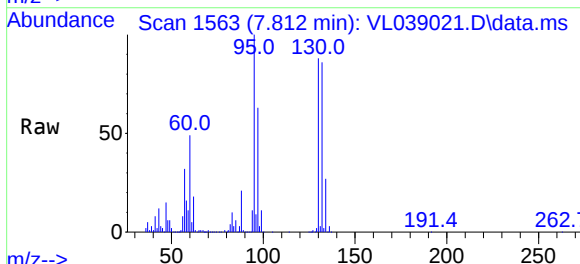
Tgt Ion: 62 Resp: 1233638
Ion Ratio Lower Upper
62 100
98 6.9 4.5 6.7

Manual Integrations
APPROVED

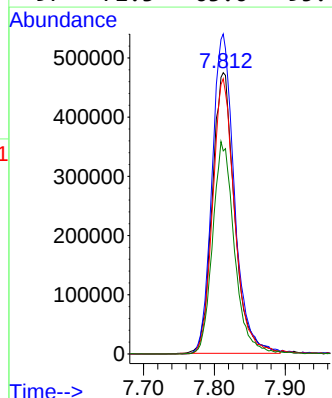
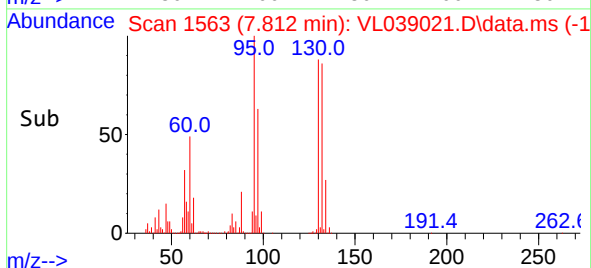
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022

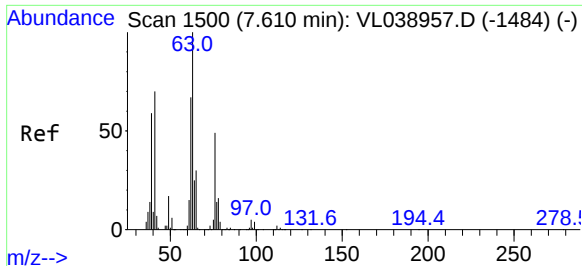


#38
Trichloroethene
Concen: 9.540 ppbv
RT: 7.812 min Scan# 1563
Delta R.T. -0.016 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55



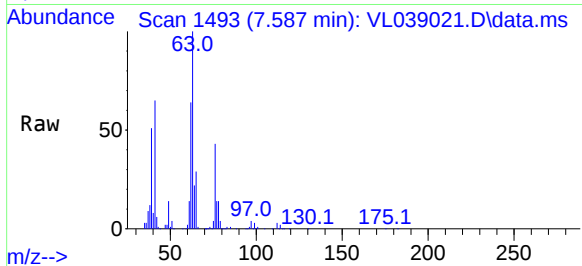
Tgt Ion:130 Resp: 1039508
Ion Ratio Lower Upper
130 100
95 113.9 94.8 142.2
132 98.0 75.8 113.8
97 72.3 63.6 95.4





#39
1,2-Dichloropropane
Concen: 9.514 ppbv
RT: 7.587 min Scan# 1493
Delta R.T. -0.022 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

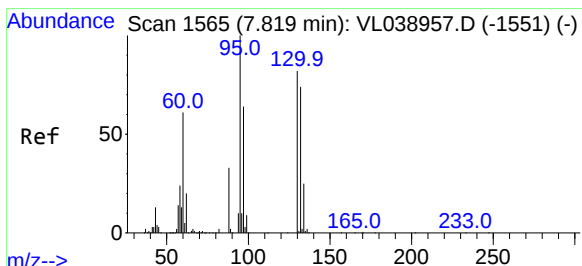
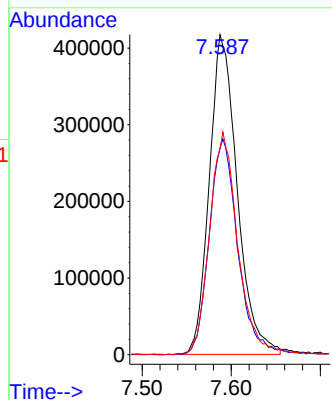
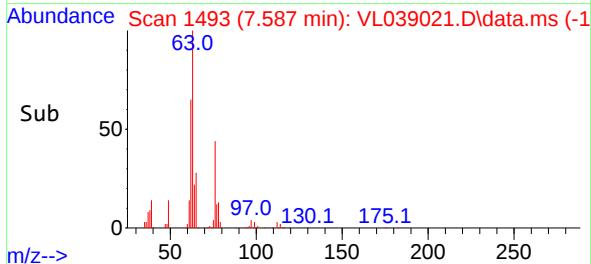
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 90735
Ion Ratio Lower Upper
63 100
41 64.4 55.9 83.9
62 64.2 53.8 80.6

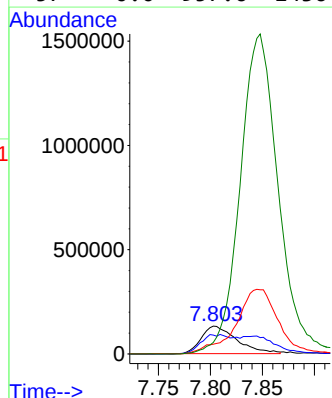
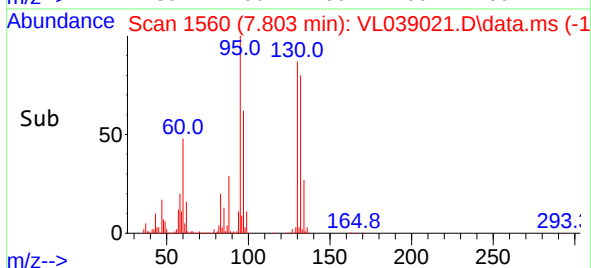
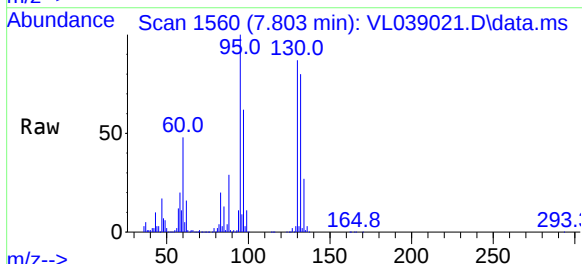
Manual Integrations
APPROVED

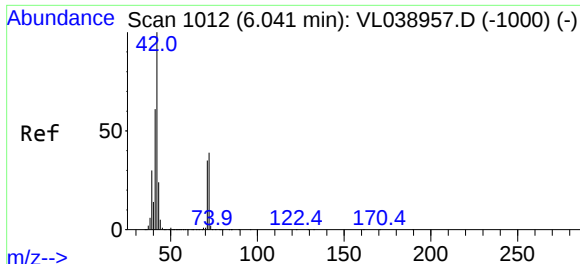
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022



#40
1,4-Dioxane
Concen: 9.139 ppbv
RT: 7.803 min Scan# 1560
Delta R.T. -0.016 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Tgt Ion: 88 Resp: 313040
Ion Ratio Lower Upper
88 100
58 69.1 106.1 159.1#
43 0.0 222.9 334.3#
57 0.0 957.6 1436.4#





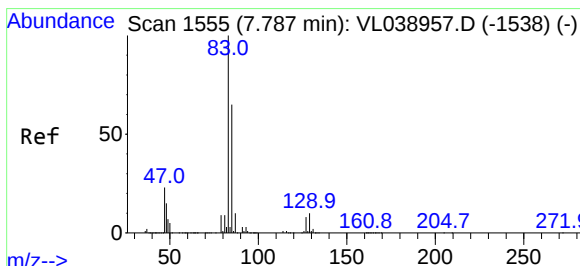
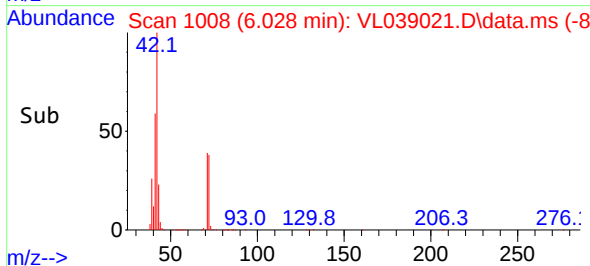
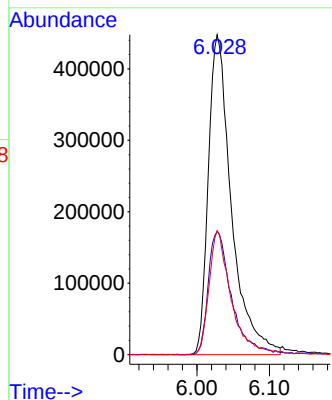
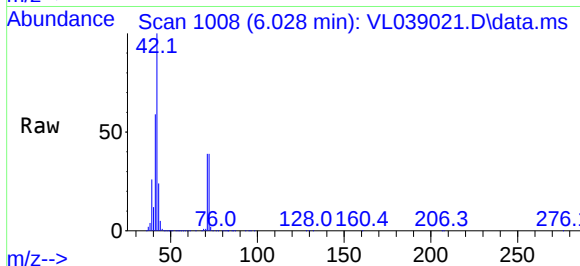
#41
Tetrahydrofuran
Concen: 10.082 ppbv
RT: 6.028 min Scan# 1012
Delta R.T. -0.013 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 99006
Ion Ratio Lower Upper
42 100
72 39.1 31.8 47.6
71 37.7 30.6 45.8

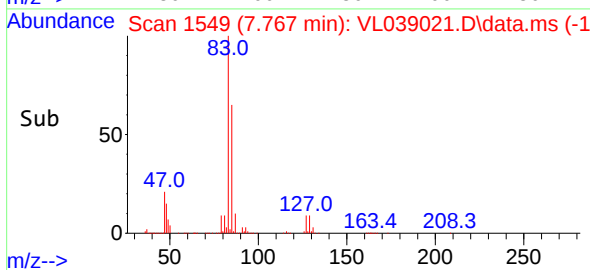
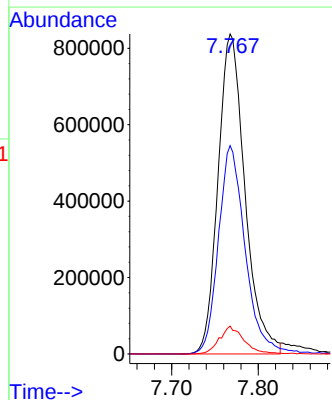
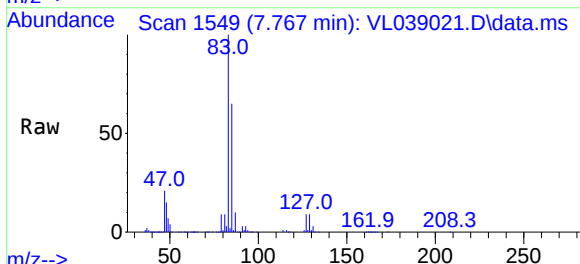
Manual Integrations
APPROVED

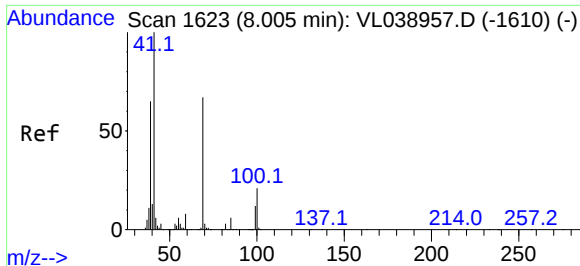
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022



#42
Bromodichloromethane
Concen: 8.732 ppbv
RT: 7.767 min Scan# 1549
Delta R.T. -0.019 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Tgt Ion: 83 Resp: 1810427
Ion Ratio Lower Upper
83 100
85 65.1 52.0 78.0
127 8.7 6.0 9.0





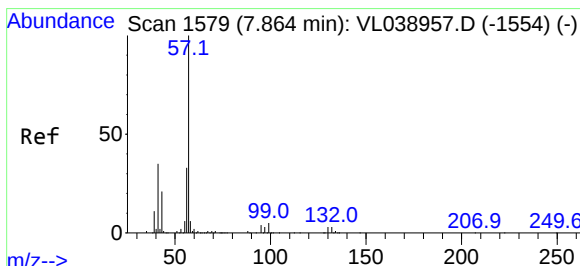
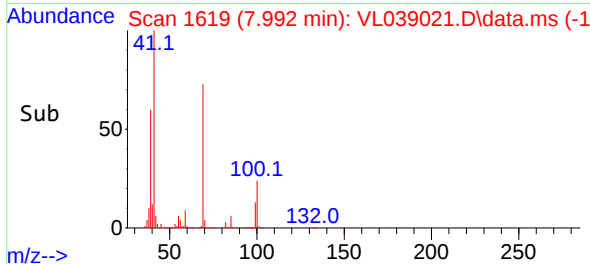
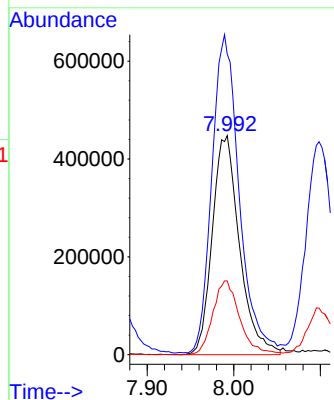
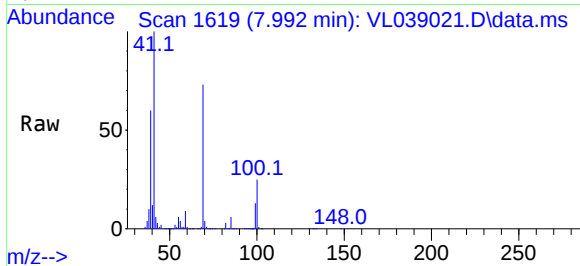
#43
Methyl Methacrylate
Concen: 9.842 ppbv
RT: 7.992 min Scan# 1619
Delta R.T. -0.013 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 97933
Ion Ratio Lower Upper
69 100
41 146.8 121.9 182.9
100 33.5 24.6 36.8

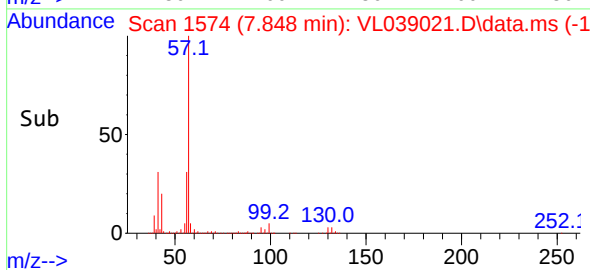
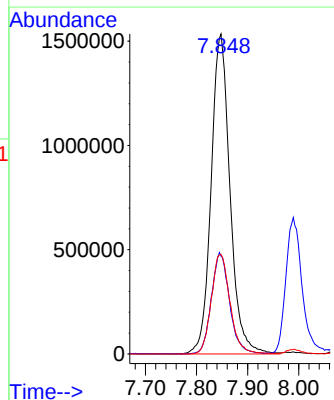
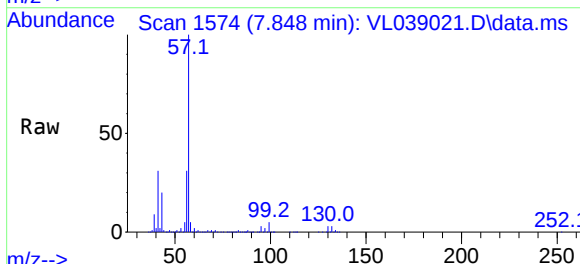
Manual Integrations
APPROVED

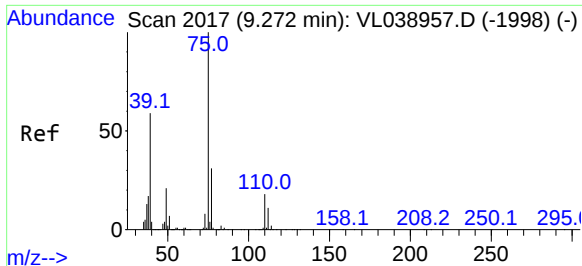
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022



#44
2,2,4-Trimethylpentane
Concen: 9.162 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. -0.016 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Tgt Ion: 57 Resp: 3940437
Ion Ratio Lower Upper
57 100
41 30.4 26.3 39.5
56 30.9 24.6 37.0





#45
t-1,3-Dichloropropene
Concen: 10.842 ppbv
RT: 9.253 min Scan# 2017
Delta R.T. -0.019 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Instrument :

MSVOA_L

ClientSampleId :

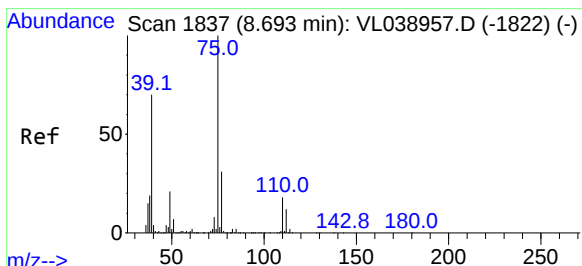
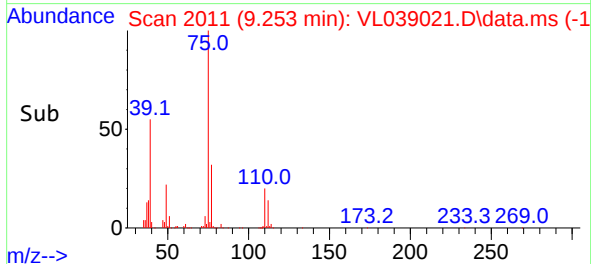
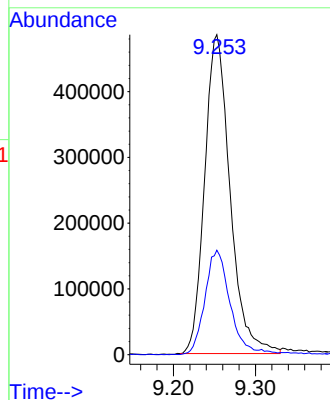
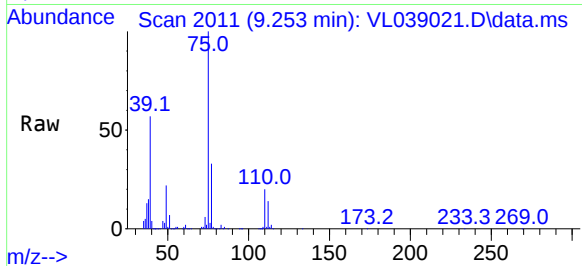
VSTDCCC010

Tgt Ion: 75 Resp: 1044278
Ion Ratio Lower Upper
75 100
77 32.6 24.6 37.0

Manual Integrations

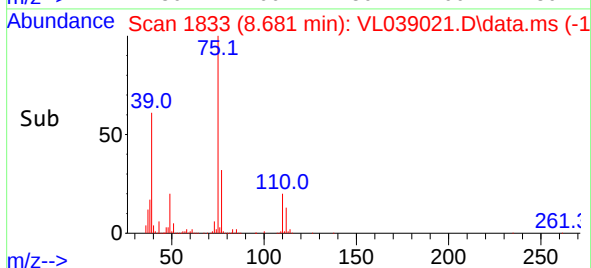
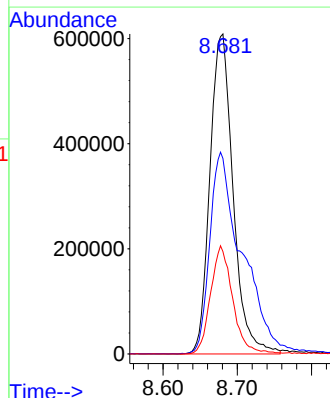
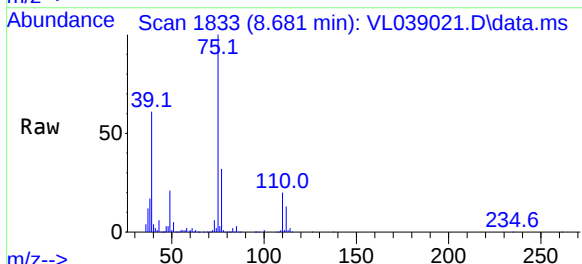
APPROVED

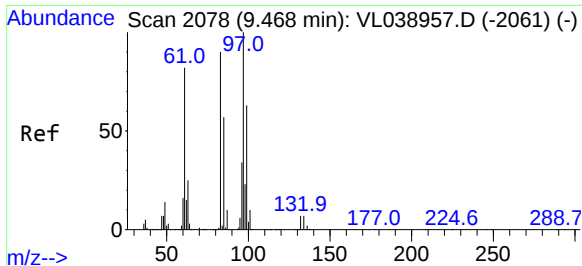
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022



#46
cis-1,3-Dichloropropene
Concen: 10.325 ppbv
RT: 8.681 min Scan# 1833
Delta R.T. -0.013 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Tgt Ion: 75 Resp: 1318770
Ion Ratio Lower Upper
75 100
39 61.0 55.8 83.6
77 32.0 24.8 37.2





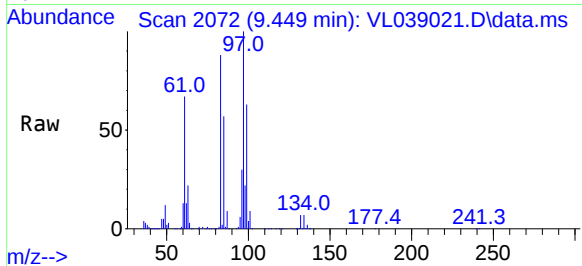
#47
1,1,2-Trichloroethane
Concen: 9.790 ppbv
RT: 9.449 min Scan# 2078
Delta R.T. -0.019 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

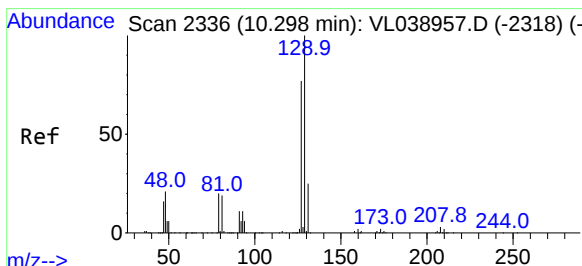
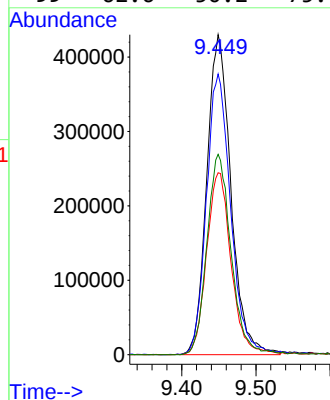
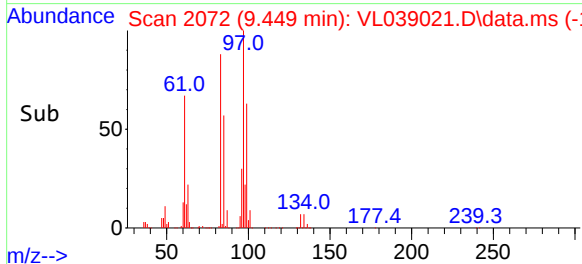


Tgt Ion: 97 Resp: 97100
Ion Ratio Lower Upper
97 100
83 87.6 72.0 108.0
85 56.8 45.7 68.5
99 62.6 50.2 75.4

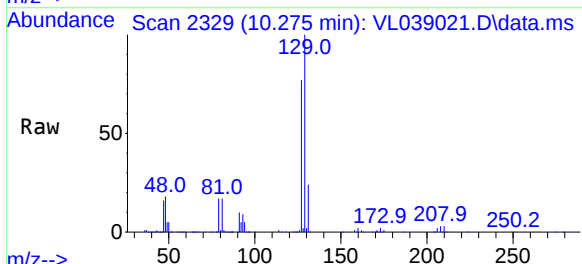
Manual Integrations

APPROVED

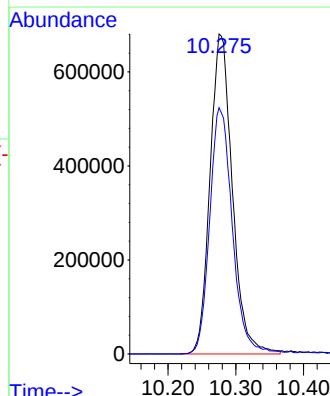
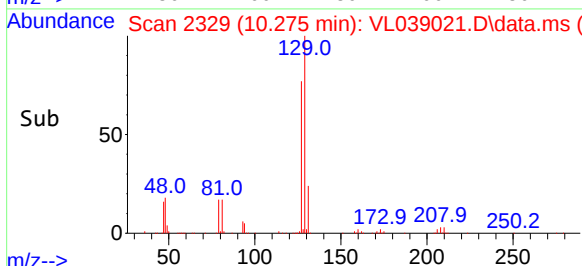
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022

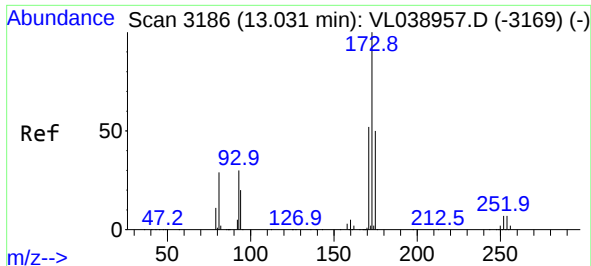


#48
Dibromochloromethane
Concen: 9.638 ppbv
RT: 10.275 min Scan# 2329
Delta R.T. -0.022 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55



Tgt Ion:129 Resp: 1555993
Ion Ratio Lower Upper
129 100
127 78.3 39.3 117.9





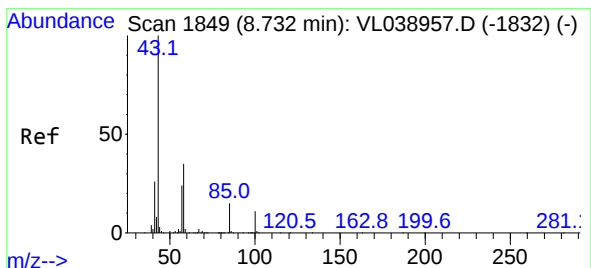
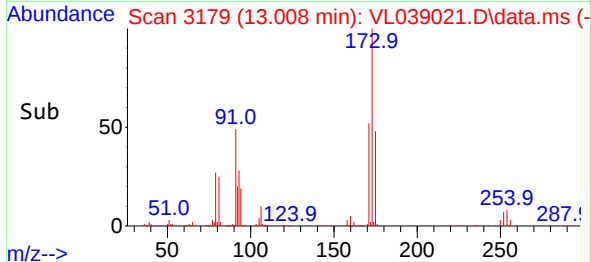
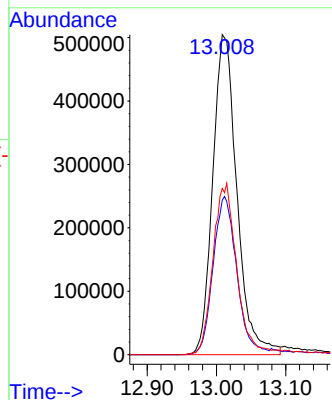
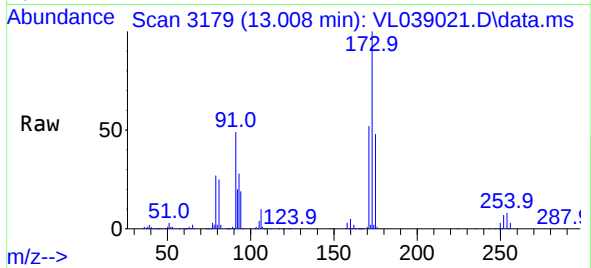
#49
Bromoform
Concen: 9.924 ppbv
RT: 13.008 min Scan# 3186
Delta R.T. -0.022 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1221890
Ion Ratio Lower Upper
173 100
175 51.2 41.0 61.6
171 55.0 42.6 64.0

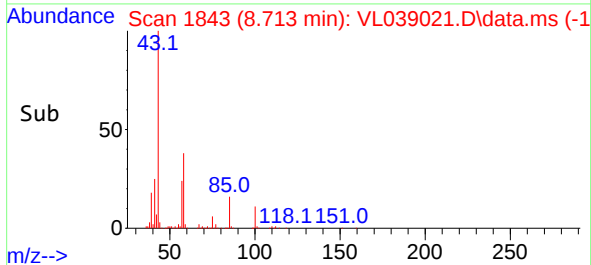
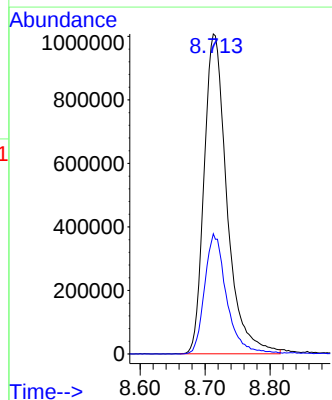
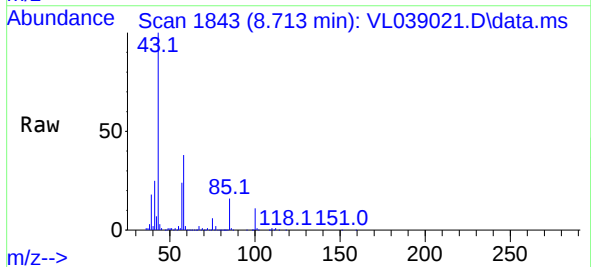
Manual Integrations
APPROVED

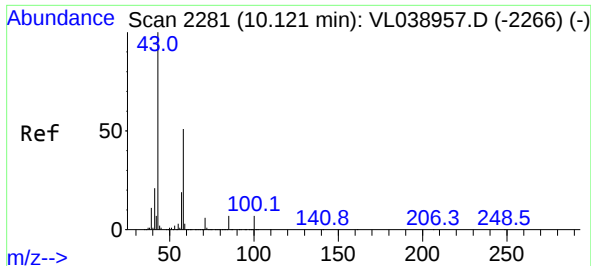
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022



#50
4-Methyl-2-Pentanone
Concen: 9.631 ppbv
RT: 8.713 min Scan# 1843
Delta R.T. -0.019 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Tgt Ion: 43 Resp: 2467767
Ion Ratio Lower Upper
43 100
58 36.3 28.4 42.6





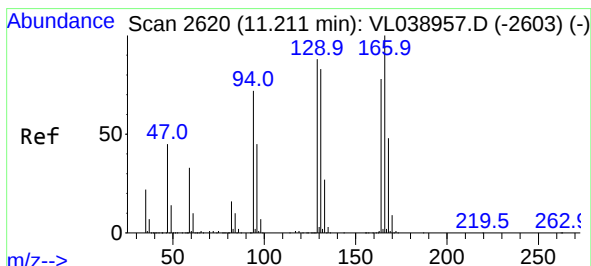
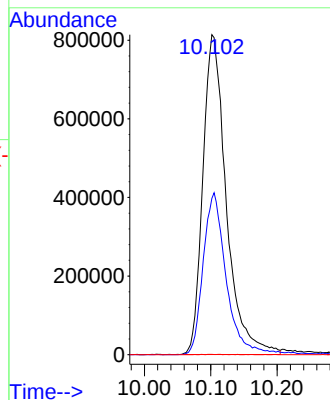
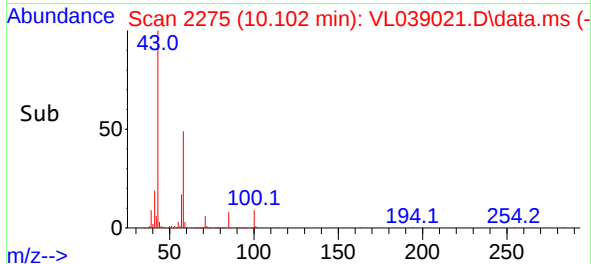
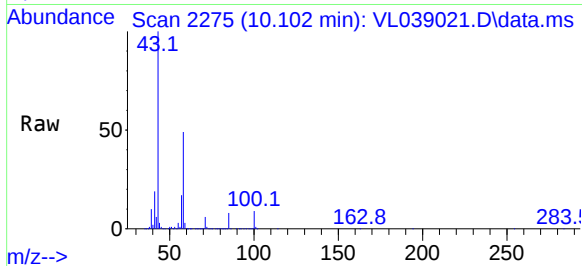
#51
2-Hexanone
Concen: 10.667 ppbv
RT: 10.102 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 199468
Ion Ratio Lower Upper
43 100
58 50.3 39.3 58.9
98 0.1 0.2 0.2

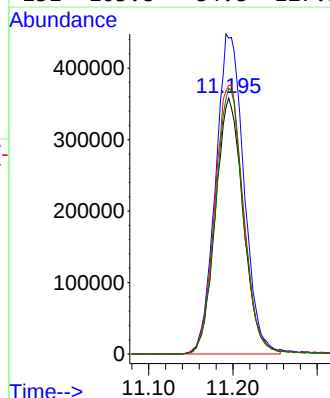
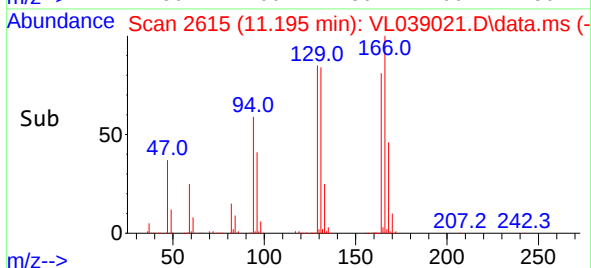
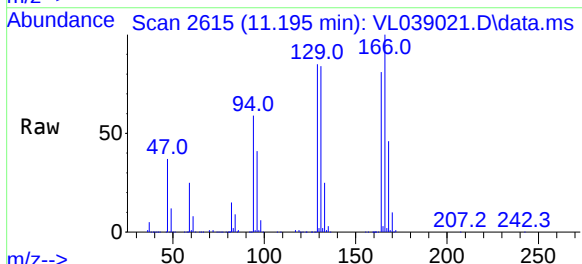
Manual Integrations
APPROVED

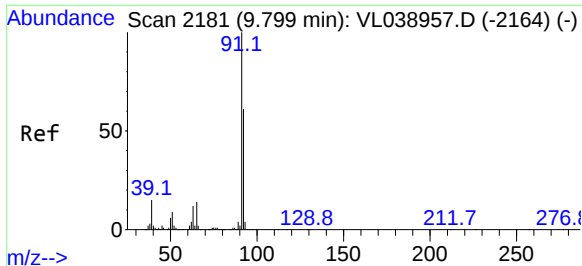
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022



#52
Tetrachloroethene
Concen: 9.342 ppbv
RT: 11.195 min Scan# 2615
Delta R.T. -0.016 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

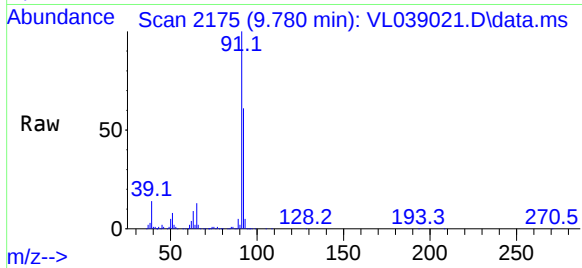
Tgt Ion:164 Resp: 818222
Ion Ratio Lower Upper
164 100
166 123.3 102.5 153.7
129 104.9 90.1 135.1
131 103.8 84.8 127.2





#53
Toluene
Concen: 10.185 ppbv
RT: 9.780 min Scan# 2181
Delta R.T. -0.019 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

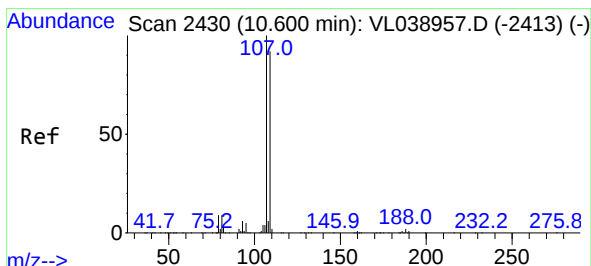
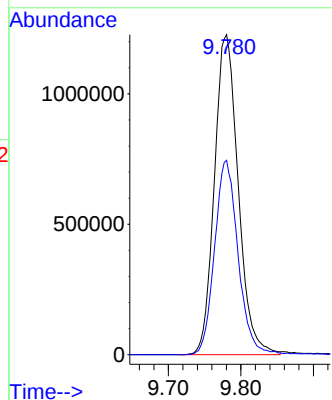
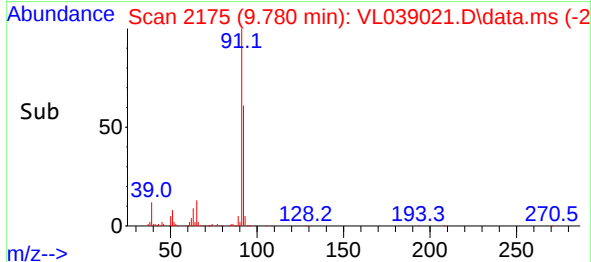
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



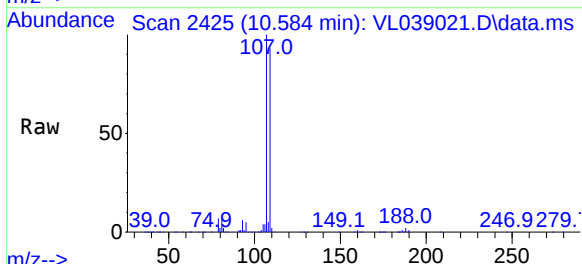
Tgt Ion: 91 Resp: 279788
Ion Ratio Lower Upper
91 100
92 60.3 48.2 72.2

Manual Integrations
APPROVED

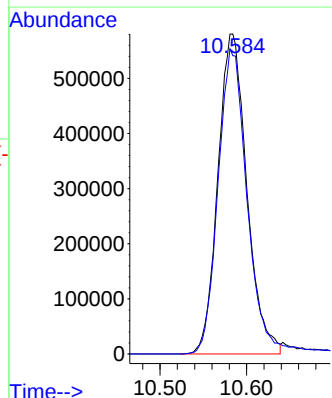
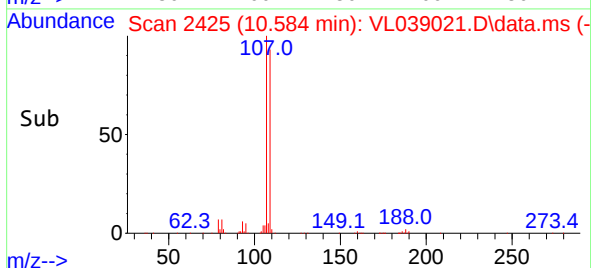
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022

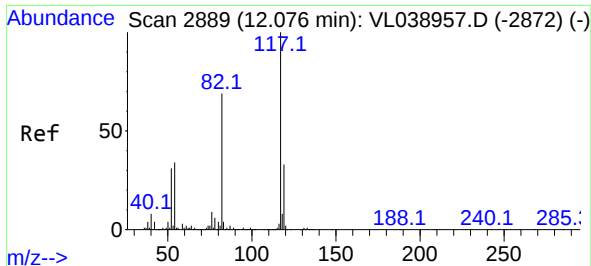


#54
1,2-Dibromoethane
Concen: 9.952 ppbv
RT: 10.584 min Scan# 2425
Delta R.T. -0.016 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55



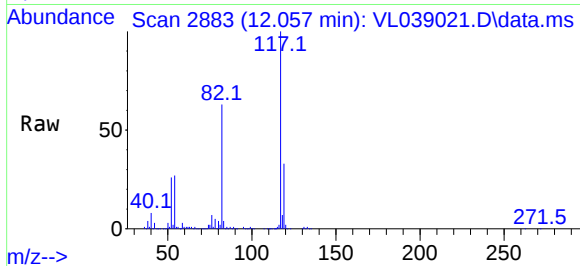
Tgt Ion:107 Resp: 1343871
Ion Ratio Lower Upper
107 100
109 93.2 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.057 min Scan# 2889
Delta R.T. -0.019 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

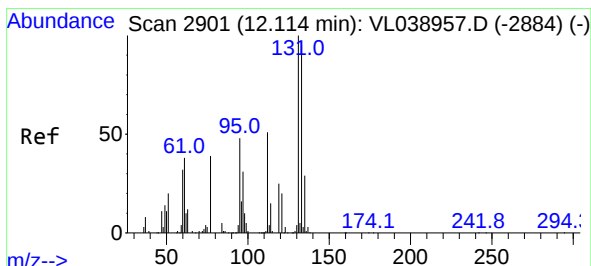
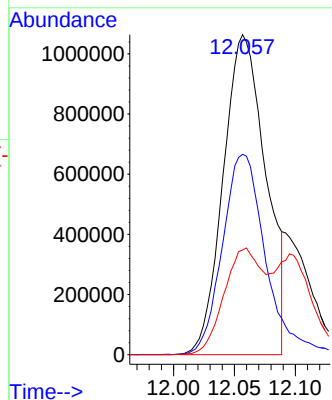
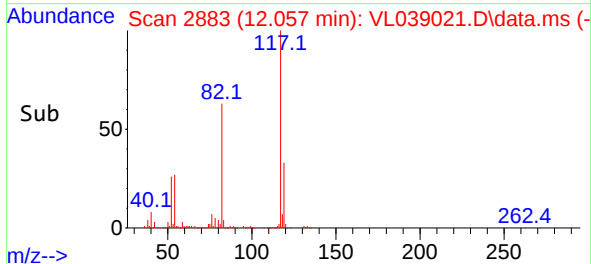
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



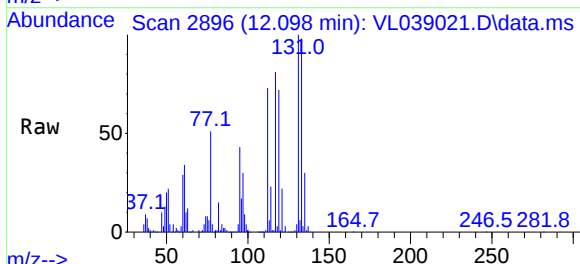
Tgt Ion:117 Resp: 2594368
Ion Ratio Lower Upper
117 100
82 64.6 57.0 85.6
119 29.5 27.2 40.8

Manual Integrations
APPROVED

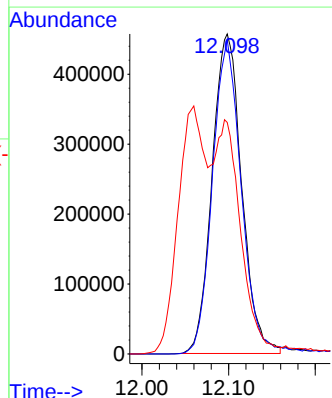
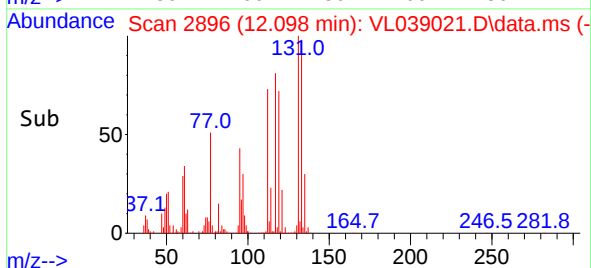
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022

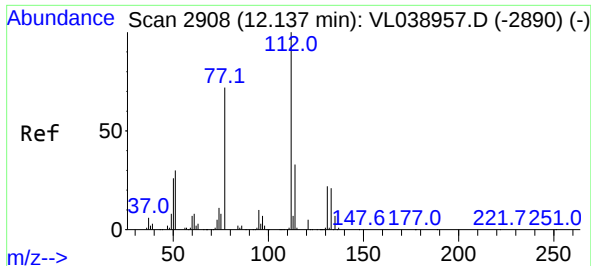


#56
1,1,1,2-Tetrachloroethane
Concen: 9.503 ppbv
RT: 12.098 min Scan# 2896
Delta R.T. -0.016 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55



Tgt Ion:131 Resp: 1081778
Ion Ratio Lower Upper
131 100
133 97.0 76.9 115.3
119 68.0 47.4 71.0





#57

Chlorobenzene

Concen: 10.096 ppbv

RT: 12.121 min Scan# 2903

Delta R.T. -0.016 min

Lab File: VL039021.D

Acq: 11 May 2022 14:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:112 Resp: 196346

Ion Ratio Lower Upper

112 100

77 64.3 57.7 86.5

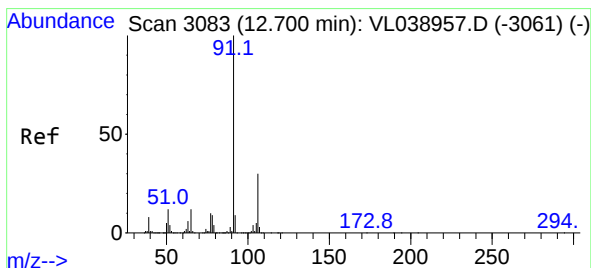
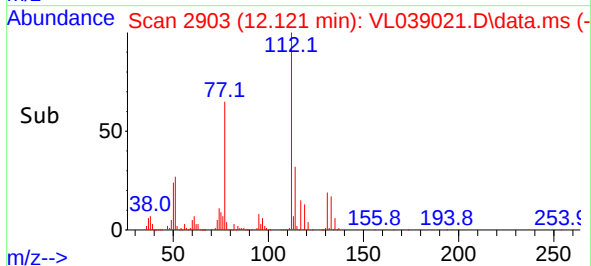
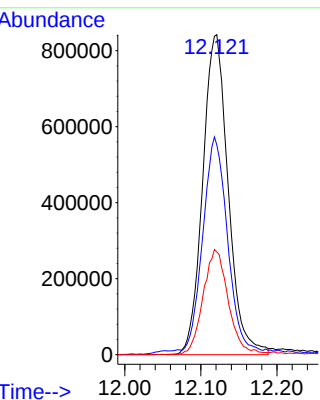
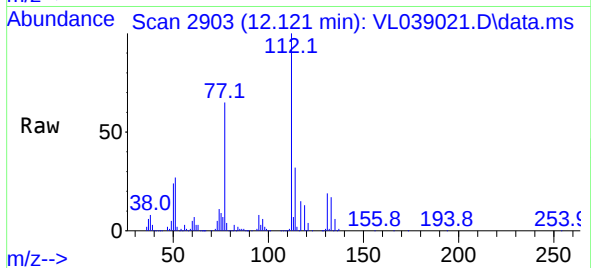
114 32.0 30.1 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/11/2022

Supervised By :Mahesh Dadoda 05/16/2022



#58

Ethyl Benzene

Concen: 9.793 ppbv

RT: 12.680 min Scan# 3077

Delta R.T. -0.019 min

Lab File: VL039021.D

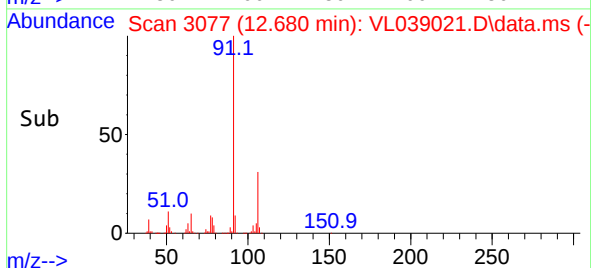
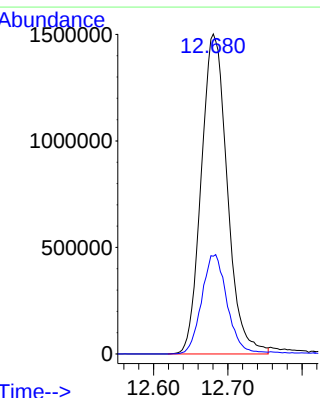
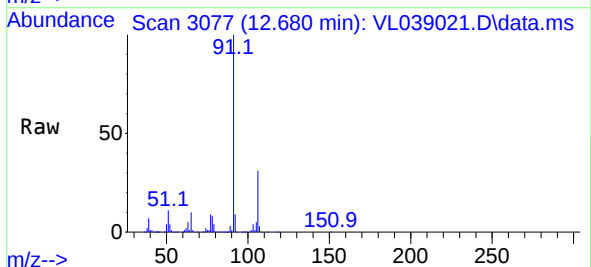
Acq: 11 May 2022 14:55

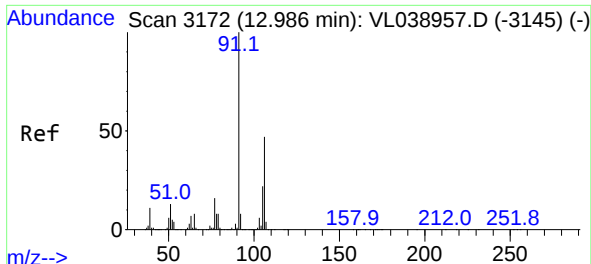
Tgt Ion: 91 Resp: 3656310

Ion Ratio Lower Upper

91 100

106 30.6 24.2 36.4





#59

m/p-Xylene

Concen: 18.914 ppbv m

RT: 12.963 min Scan# 3172

Delta R.T. -0.022 min

Lab File: VL039021.D

Acq: 11 May 2022 14:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 6028539

Ion Ratio Lower Upper

91 100

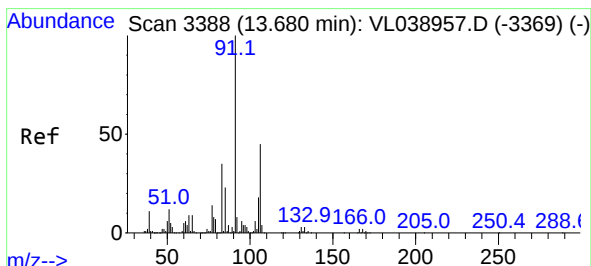
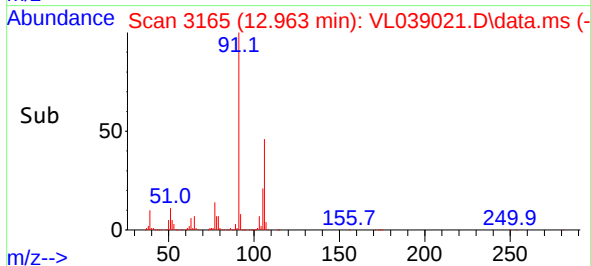
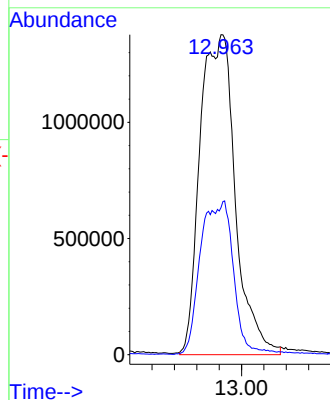
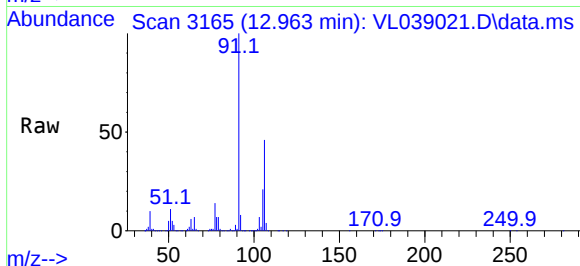
106 45.1 34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/11/2022

Supervised By :Mahesh Dadoda 05/16/2022



#60

o-Xylene

Concen: 9.439 ppbv

RT: 13.661 min Scan# 3382

Delta R.T. -0.019 min

Lab File: VL039021.D

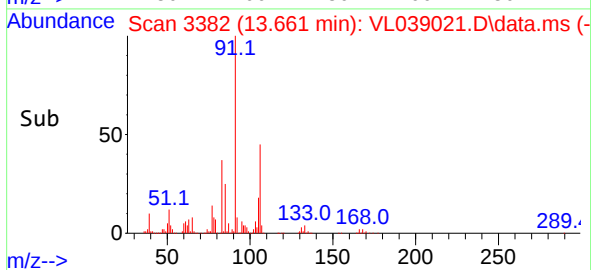
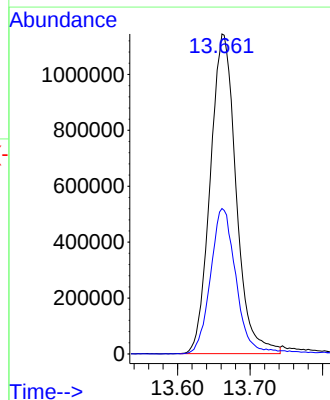
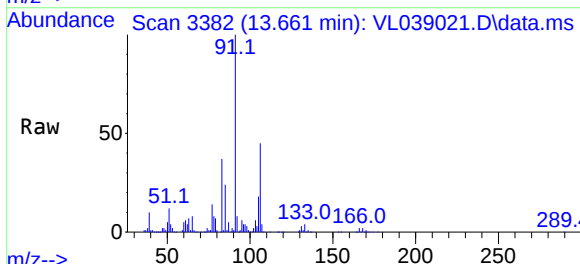
Acq: 11 May 2022 14:55

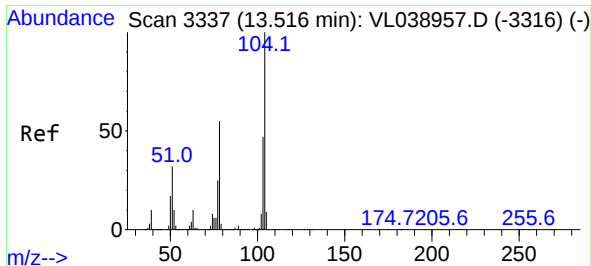
Tgt Ion: 91 Resp: 2831609

Ion Ratio Lower Upper

91 100

106 46.1 22.2 66.6





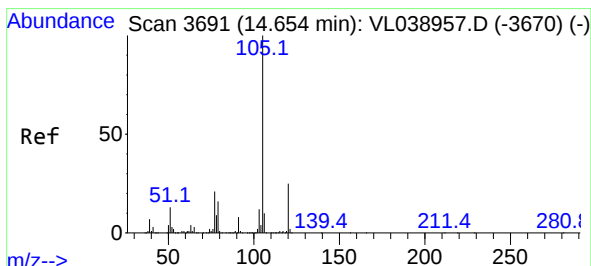
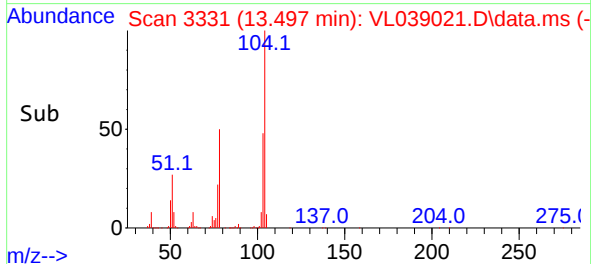
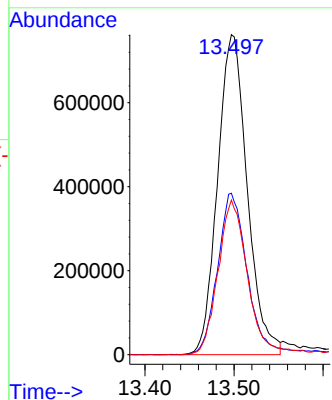
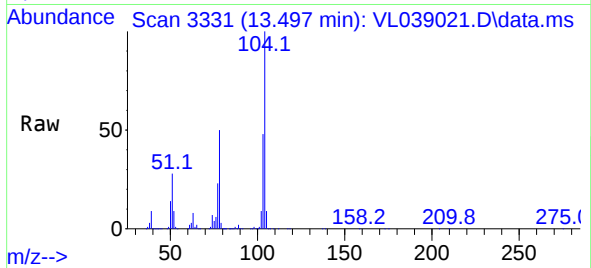
#61
Styrene
Concen: 10.999 ppbv
RT: 13.497 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1761500
Ion Ratio Lower Upper
104 100
78 51.5 46.4 69.6
103 48.9 39.3 58.9

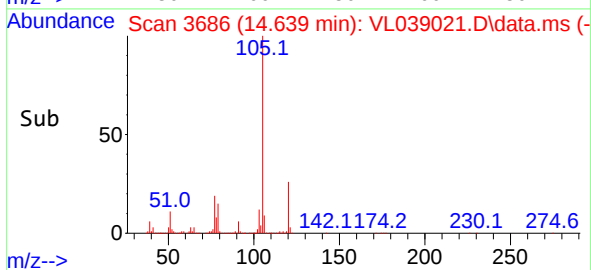
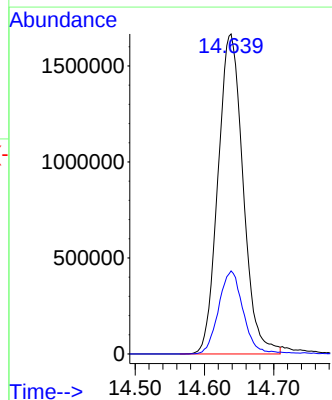
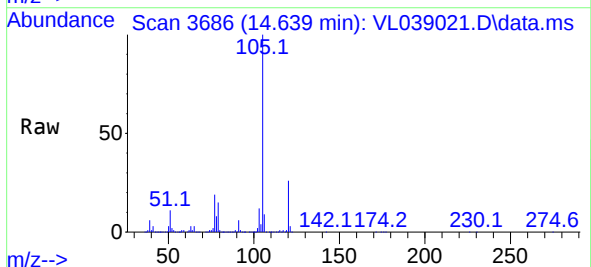
Manual Integrations
APPROVED

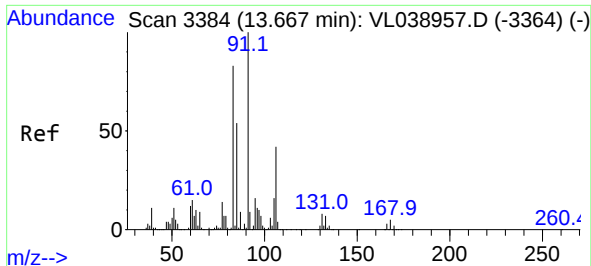
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022



#62
Isopropylbenzene
Concen: 9.561 ppbv
RT: 14.639 min Scan# 3686
Delta R.T. -0.015 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

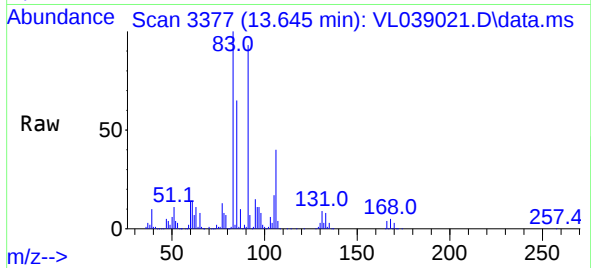
Tgt Ion:105 Resp: 4194182
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 9.159 ppbv
RT: 13.645 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

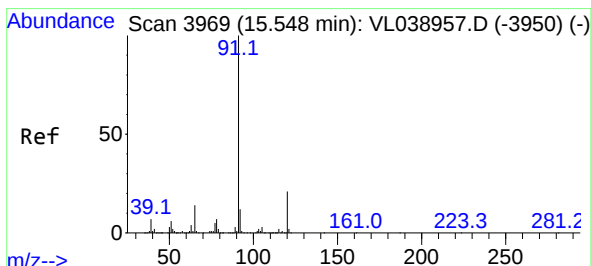
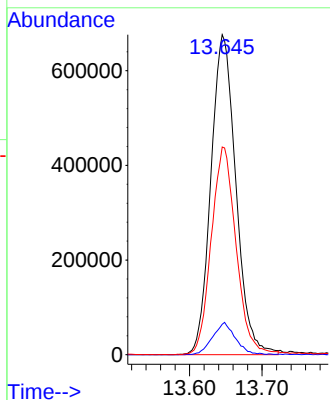
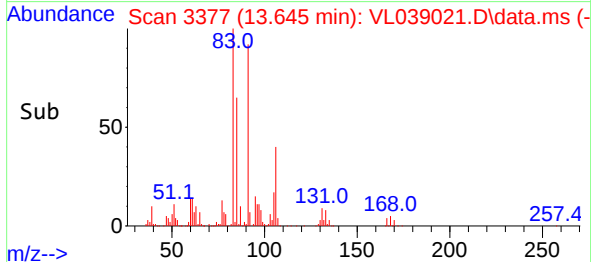
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



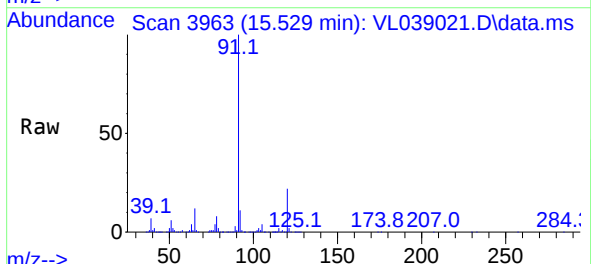
Tgt Ion: 83 Resp: 161789
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.7
85 65.1 32.8 98.3

Manual Integrations
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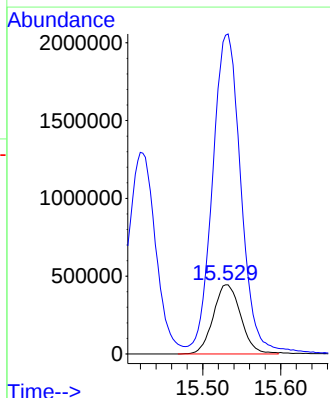
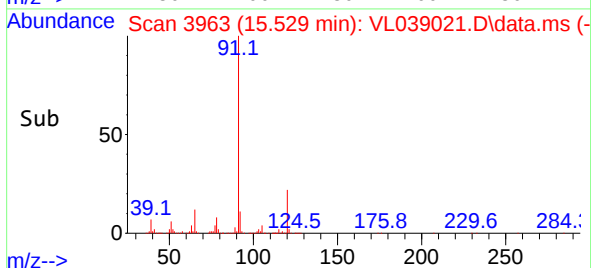
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022

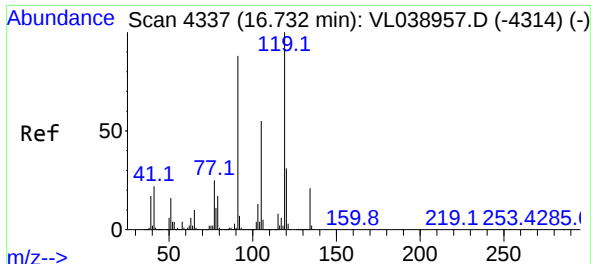


#64
n-propylbenzene
Concen: 10.289 ppbv
RT: 15.529 min Scan# 3963
Delta R.T. -0.019 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55



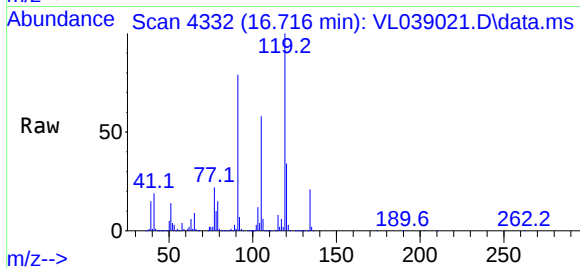
Tgt Ion:120 Resp: 1091338
Ion Ratio Lower Upper
120 100
91 480.6 400.6 601.0





#65
tert-Butylbenzene
Concen: 9.301 ppbv
RT: 16.716 min Scan# 411
Delta R.T. -0.016 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

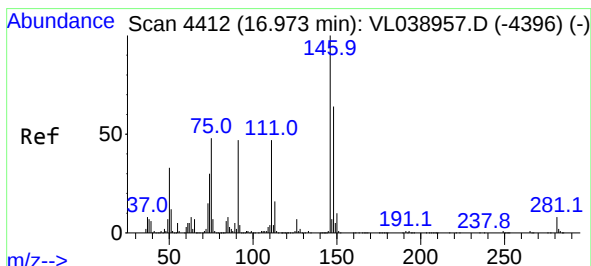
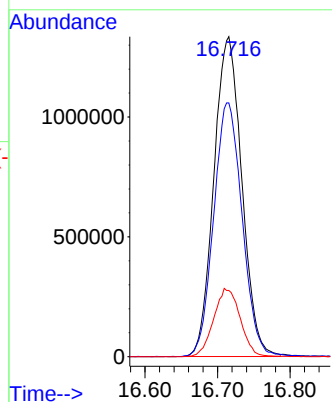
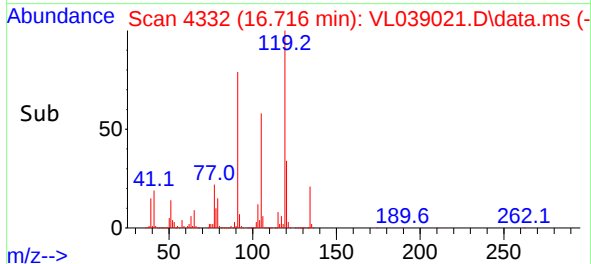
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



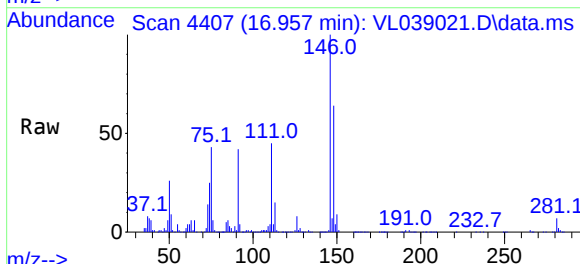
Tgt Ion: 119 Resp: 357527
Ion Ratio Lower Upper
119 100
91 81.1 69.4 104.2
134 20.3 15.8 23.8

Manual Integrations
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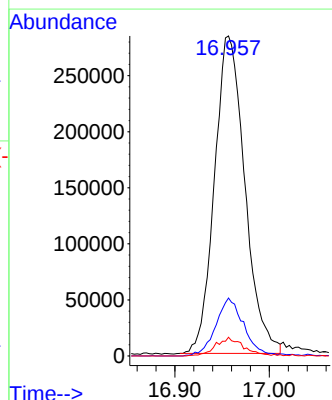
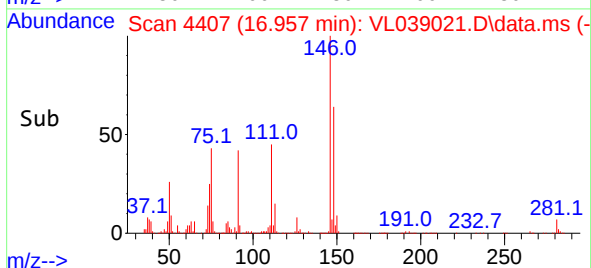
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022

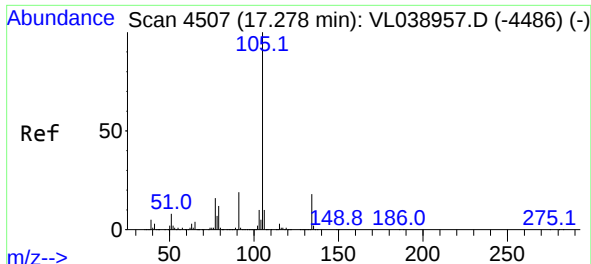


#66
Benzyl Chloride
Concen: 12.587 ppbv
RT: 16.957 min Scan# 4407
Delta R.T. -0.016 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55



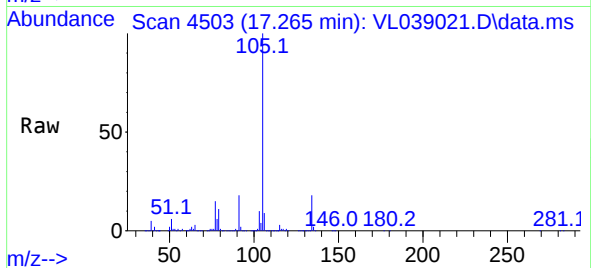
Tgt Ion: 91 Resp: 632420
Ion Ratio Lower Upper
91 100
126 17.3 11.8 17.6
128 5.4 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 9.448 ppbv
 RT: 17.265 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL039021.D
 Acq: 11 May 2022 14:55

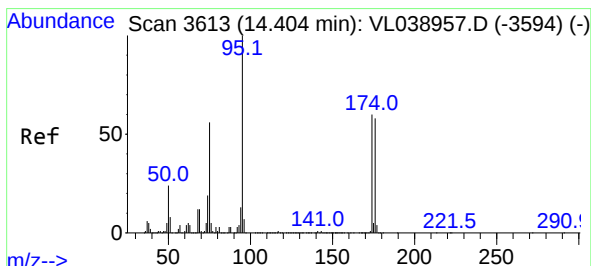
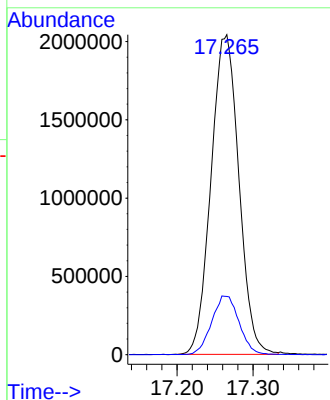
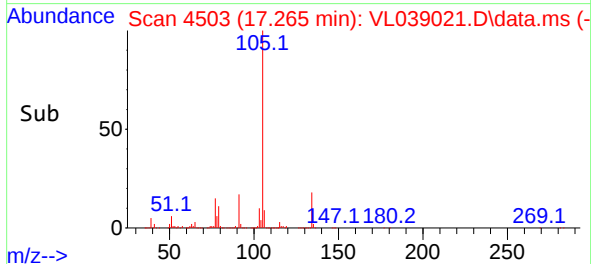
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



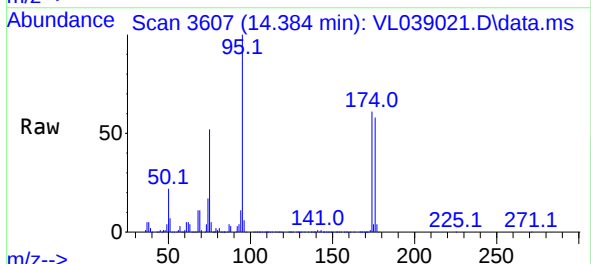
Tgt Ion: 105 Resp: 518851
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.2 21.4

Manual Integrations
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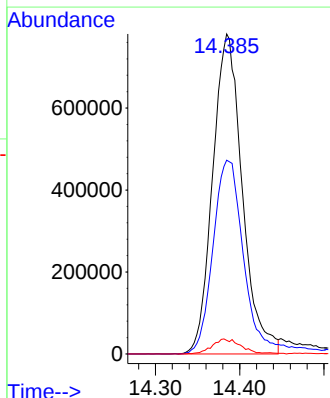
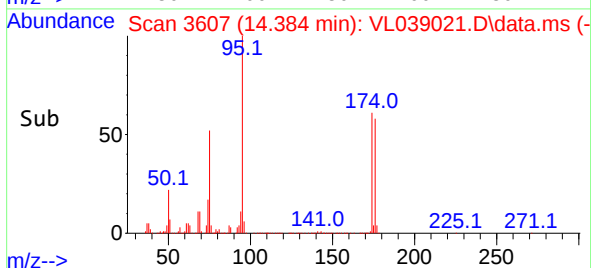
Reviewed By :Semsettin Yesilyurt 05/11/2022
 Supervised By :Mahesh Dadoda 05/16/2022

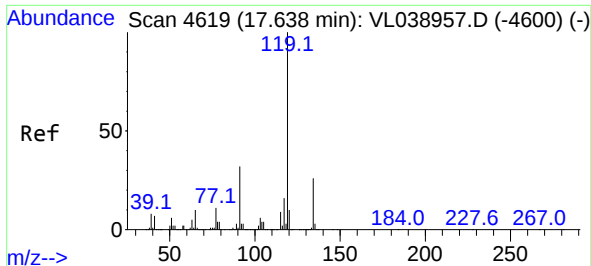


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.254 ppbv
 RT: 14.384 min Scan# 3607
 Delta R.T. -0.019 min
 Lab File: VL039021.D
 Acq: 11 May 2022 14:55



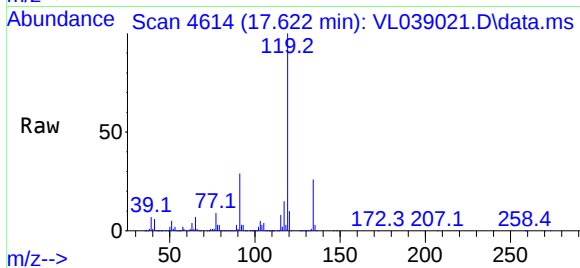
Tgt Ion: 95 Resp: 1901368
 Ion Ratio Lower Upper
 95 100
 174 65.8 50.8 76.2
 175 4.7 3.8 5.6





#69
p-Isopropyltoluene
Concen: 9.588 ppbv
RT: 17.622 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

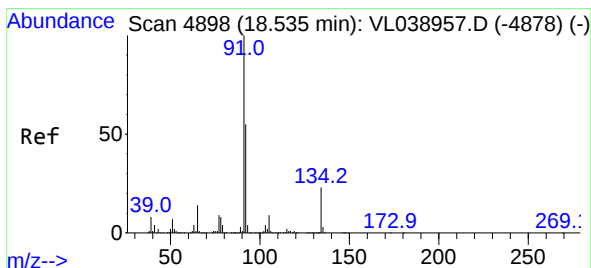
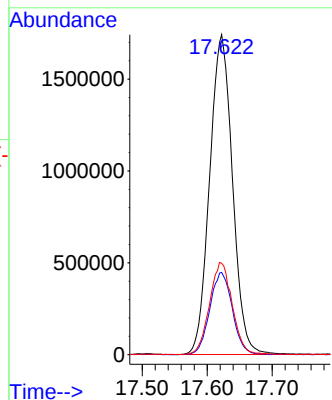
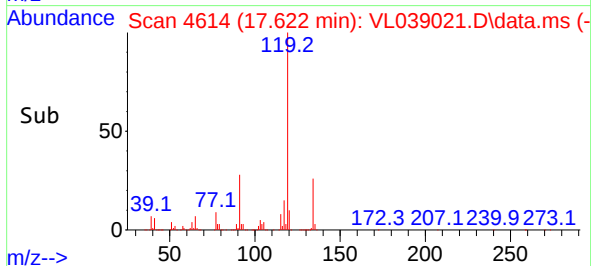
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



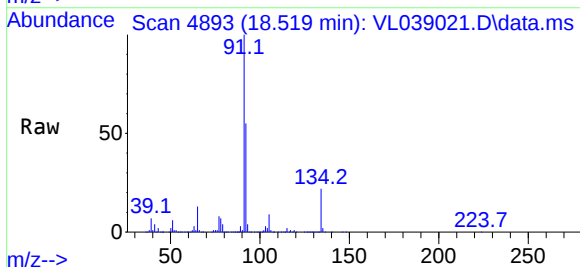
Tgt Ion: 119 Resp: 4253734
Ion Ratio Lower Upper
119 100
134 25.6 20.0 30.0
91 28.5 24.8 37.2

Manual Integrations
APPROVED

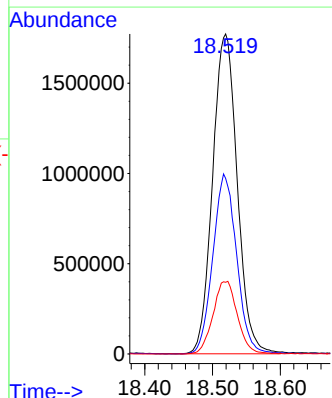
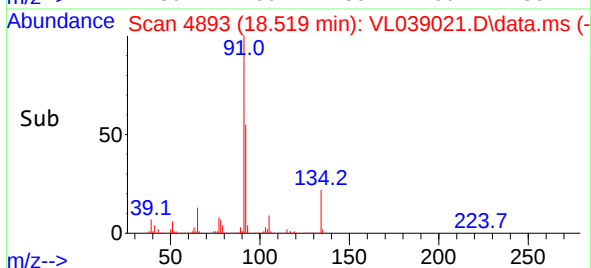
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022

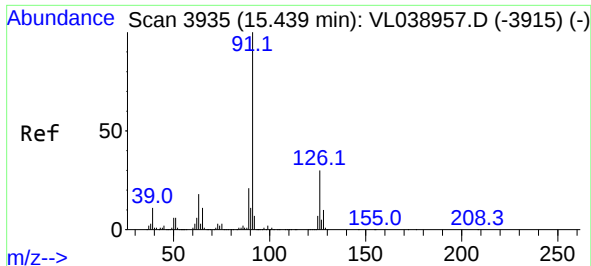


#70
n-Butylbenzene
Concen: 9.502 ppbv
RT: 18.519 min Scan# 4893
Delta R.T. -0.016 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55



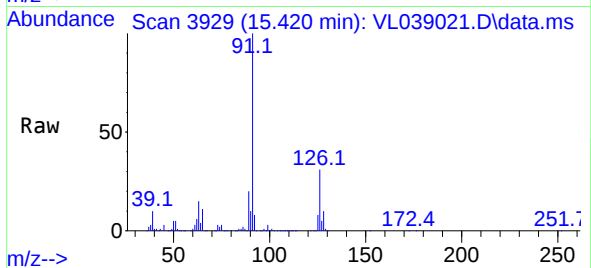
Tgt Ion: 91 Resp: 4478635
Ion Ratio Lower Upper
91 100
92 54.5 43.1 64.7
134 22.5 17.0 25.4





#71
2-Chlorotoluene
Concen: 9.374 ppbv
RT: 15.420 min Scan# 3935
Delta R.T. -0.019 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

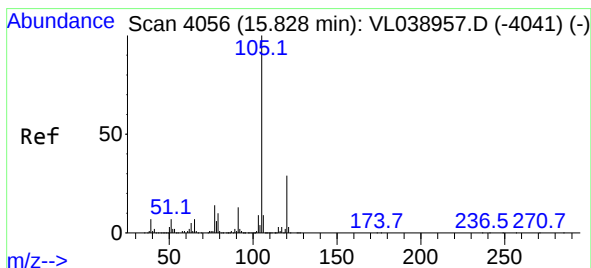
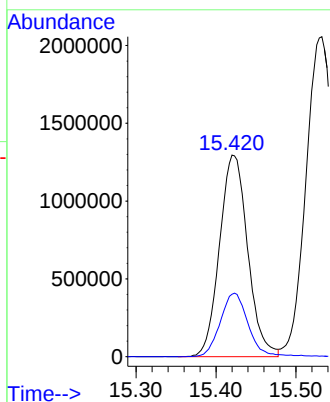
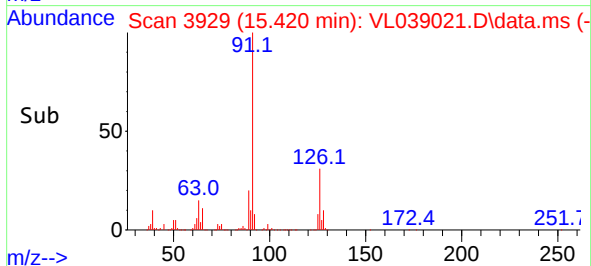
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



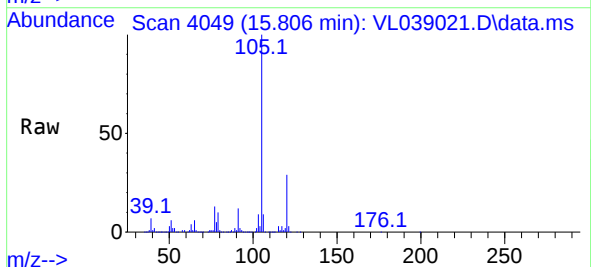
Tgt Ion: 91 Resp: 3170149
Ion Ratio Lower Upper
91 100
126 31.8 11.9 47.5

Manual Integrations
APPROVED

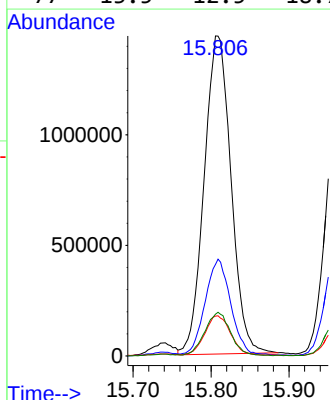
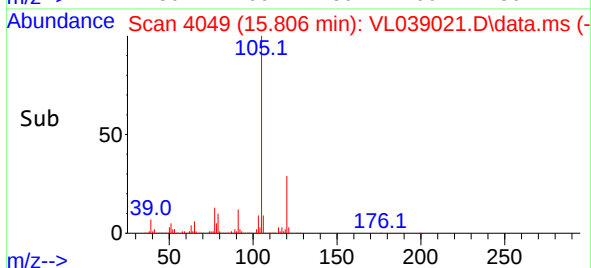
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022

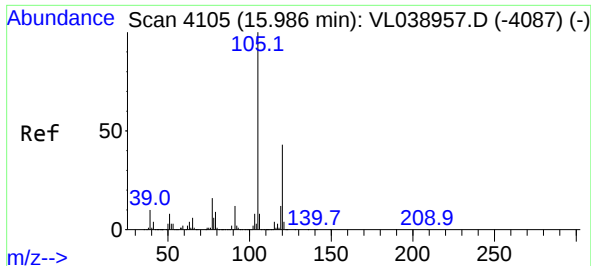


#72
4-Ethyltoluene
Concen: 10.092 ppbv
RT: 15.806 min Scan# 4049
Delta R.T. -0.022 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55



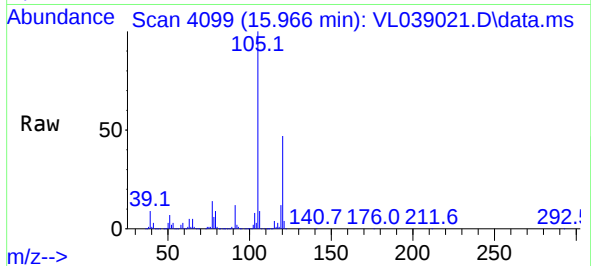
Tgt Ion:105 Resp: 3449846
Ion Ratio Lower Upper
105 100
120 29.6 23.4 35.0
91 12.3 10.6 16.0
77 13.5 12.5 18.7





#73
1,3,5-Trimethylbenzene
Concen: 9.841 ppbv
RT: 15.966 min Scan# 4099
Delta R.T. -0.019 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

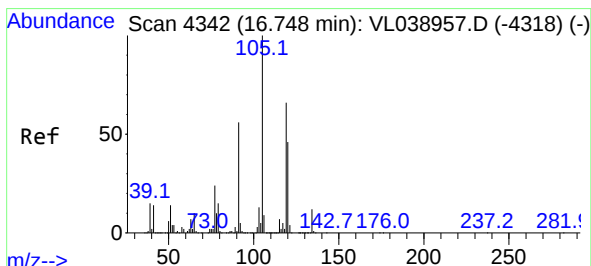
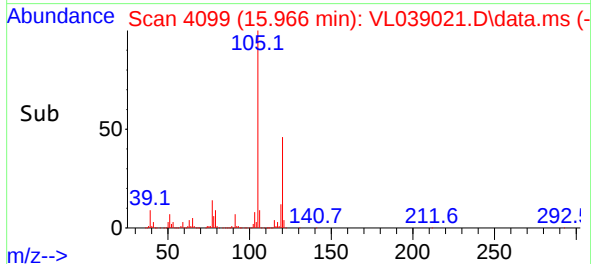
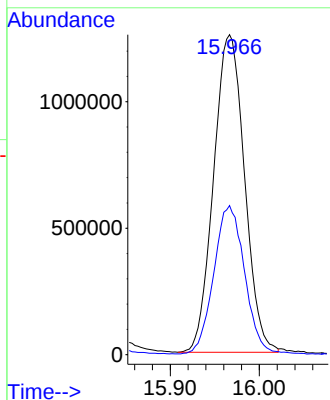
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:105 Resp: 3028652
Ion Ratio Lower Upper
105 100
120 46.7 34.4 51.6

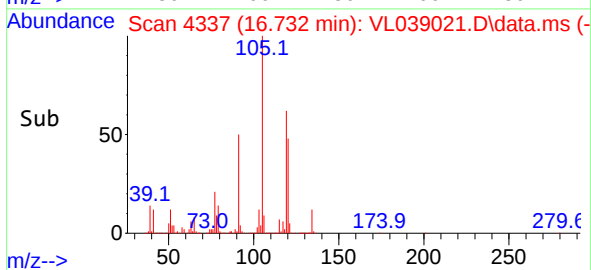
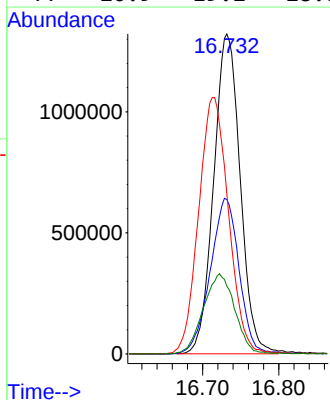
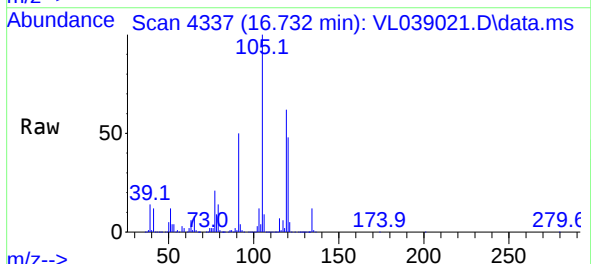
Manual Integrations
APPROVED

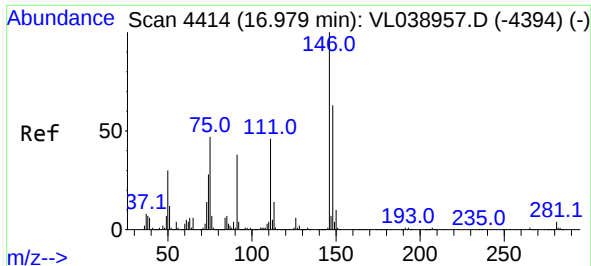
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022



#74
1,2,4-Trimethylbenzene
Concen: 9.498 ppbv
RT: 16.732 min Scan# 4337
Delta R.T. -0.016 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Tgt Ion:105 Resp: 3200516
Ion Ratio Lower Upper
105 100
120 48.0 36.9 55.3
91 49.5 45.0 67.4
77 20.9 19.2 28.8





#75

1,3-Dichlorobenzene

Concen: 10.036 ppbv

RT: 16.960 min Scan# 4408

Delta R.T. -0.019 min

Lab File: VL039021.D

Acq: 11 May 2022 14:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 1852992

Ion Ratio Lower Upper

146 100

111 46.3 24.1 72.2

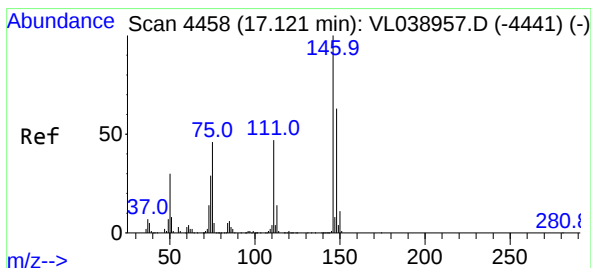
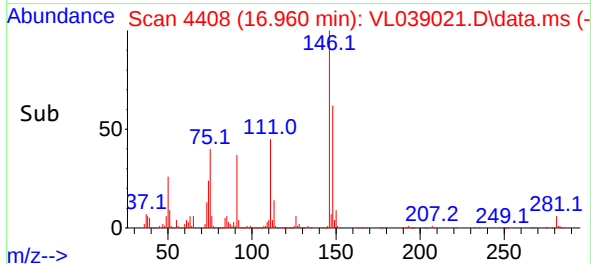
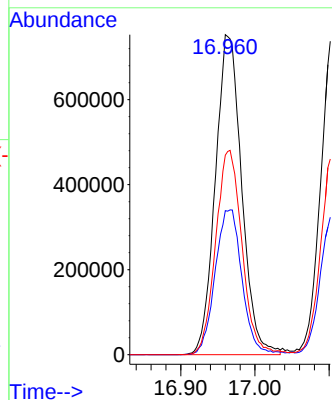
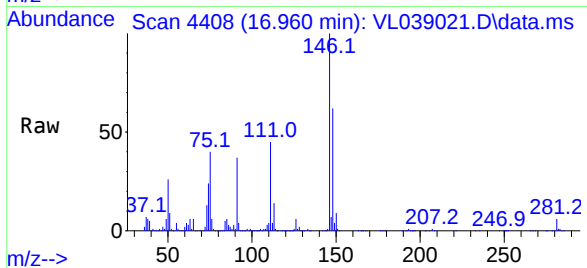
148 64.1 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/11/2022

Supervised By :Mahesh Dadoda 05/16/2022



#76

1,4-Dichlorobenzene

Concen: 9.891 ppbv

RT: 17.105 min Scan# 4453

Delta R.T. -0.016 min

Lab File: VL039021.D

Acq: 11 May 2022 14:55

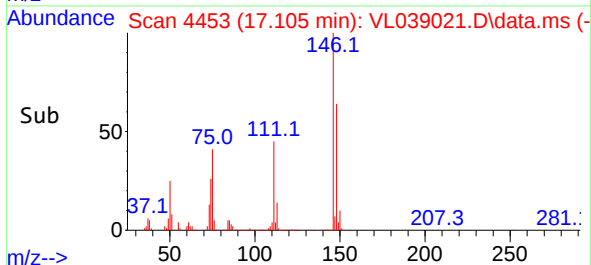
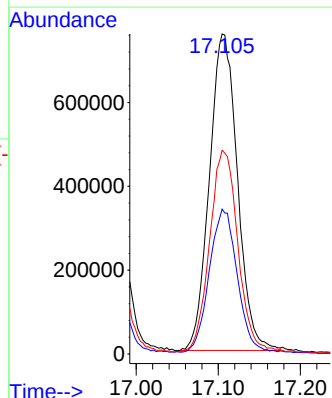
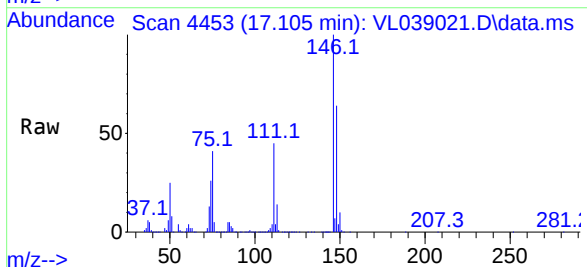
Tgt Ion:146 Resp: 1796572

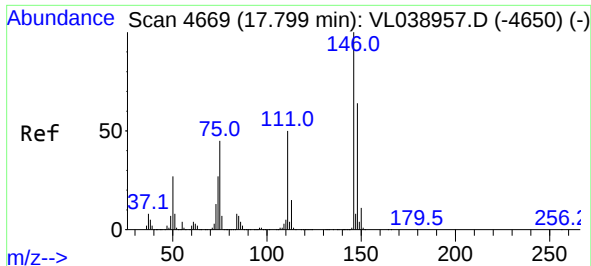
Ion Ratio Lower Upper

146 100

111 46.5 23.6 71.0

148 66.3 32.2 96.6





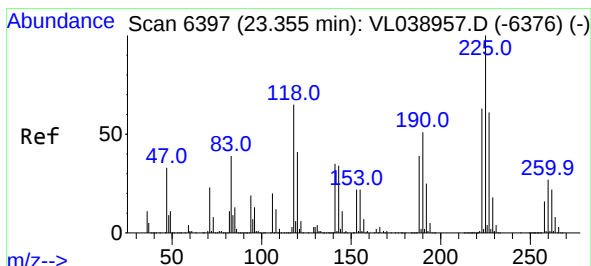
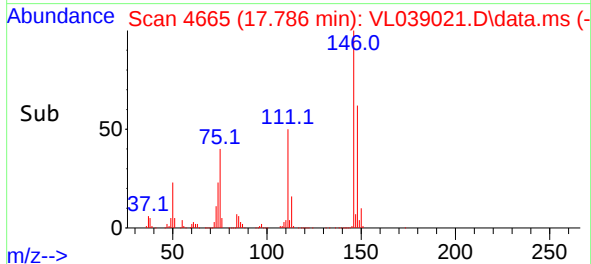
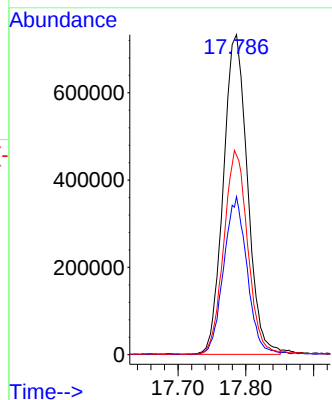
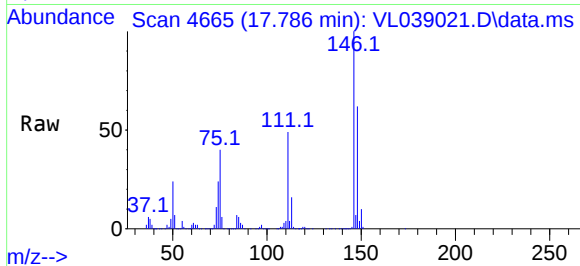
#77
1,2-Dichlorobenzene
Concen: 9.896 ppbv
RT: 17.786 min Scan# 4665
Delta R.T. -0.013 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1807100
Ion Ratio Lower Upper
146 100
111 48.6 25.3 75.9
148 64.0 32.3 96.9

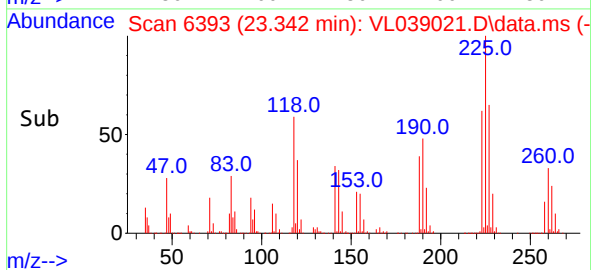
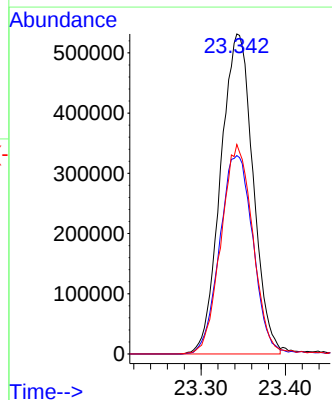
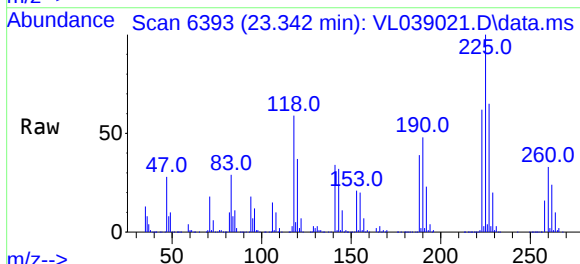
Manual Integrations
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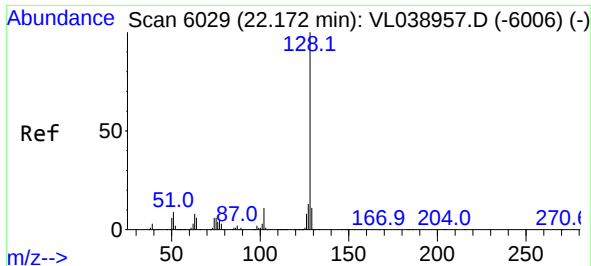
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022



#78
Hexachloro-1,3-Butadiene
Concen: 8.442 ppbv
RT: 23.342 min Scan# 6393
Delta R.T. -0.013 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

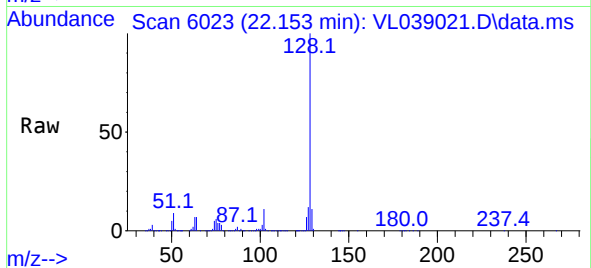
Tgt Ion:225 Resp: 1416713
Ion Ratio Lower Upper
225 100
223 64.5 51.4 77.0
227 65.0 51.4 77.0





#79
Naphthalene
Concen: 11.445 ppbv
RT: 22.153 min Scan# 6023
Delta R.T. -0.019 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55

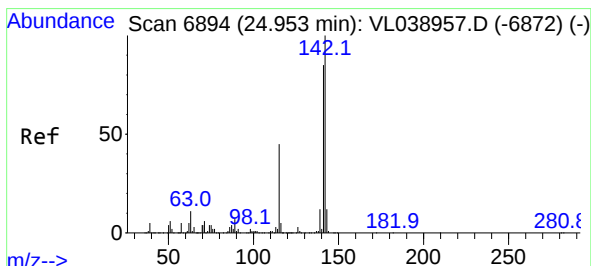
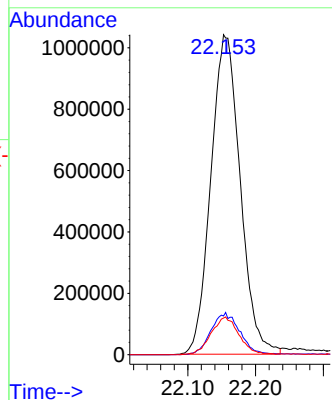
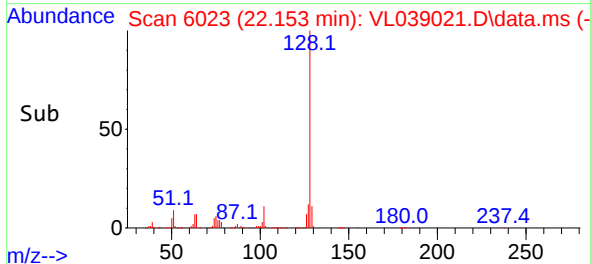
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



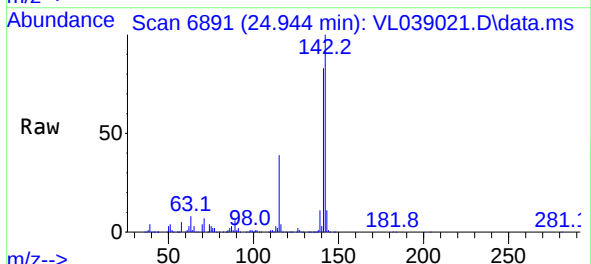
Tgt Ion:128 Resp: 313273
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.2
129 11.4 8.9 13.3

Manual Integrations
APPROVED

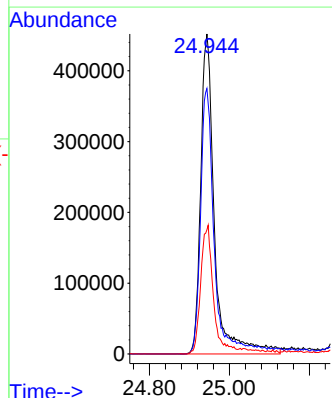
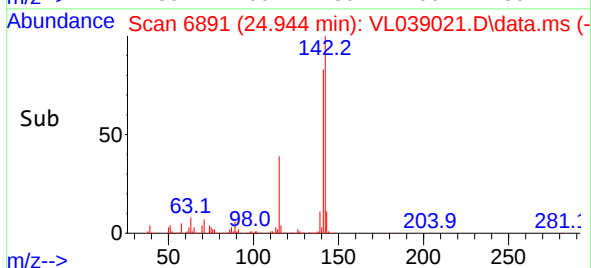
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022

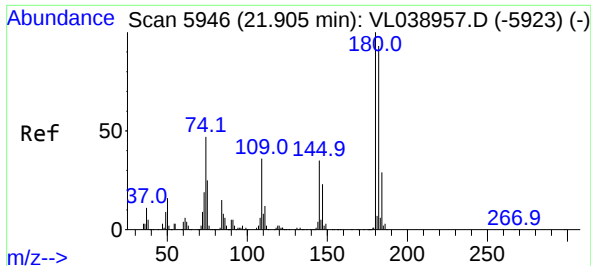


#80
Naphthalene,2-methyl-
Concen: 13.127 ppbv
RT: 24.944 min Scan# 6891
Delta R.T. -0.009 min
Lab File: VL039021.D
Acq: 11 May 2022 14:55



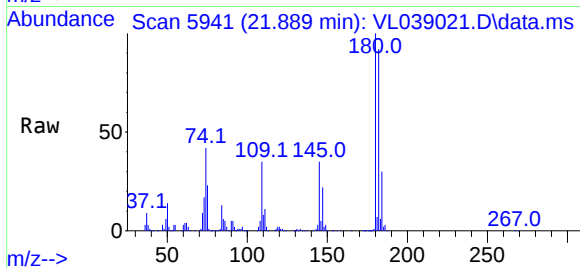
Tgt Ion:142 Resp: 1086983
Ion Ratio Lower Upper
142 100
141 81.7 70.8 106.2
115 39.1 35.1 52.7





#81
 1,2,4-Trichlorobenzene
 Concen: 10.068 ppbv
 RT: 21.889 min Scan# 5941
 Delta R.T. -0.016 min
 Lab File: VL039021.D
 Acq: 11 May 2022 14:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 161492

Ion	Ratio	Lower	Upper
180	100		
182	100.4	78.4	117.6
184	31.3	24.4	36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/11/2022
 Supervised By :Mahesh Dadoda 05/16/2022

