

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\
 Data File : VL037961.D
 Acq On : 2 Nov 2021 5:58
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/05/2021
 Supervised By : Mahesh Dadoda 11/10/2021

Quant Time: Nov 02 07:47:02 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 02 07:47:02 2021

QLast Update : Tue Nov 02 05:54:07 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.655	49	1466542	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	4249714	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.070	117	3922844m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.394 95 2938097 10.304 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.044	85	2052318	9.932	ppbv	99
3) Chlorodifluoromethane	2.986	51	2486756	9.109	ppbv	100
4) Chloromethane	3.134	50	946404	9.121	ppbv	98
5) Vinyl Chloride	3.253	62	933112	9.331	ppbv	100
6) Bromomethane	3.469	94	523355	9.688	ppbv	95
7) Chloroethane	3.552	64	334104	9.256	ppbv	100
8) Dichlorotetrafluoroethane	3.182	85	2168815	9.112	ppbv	99
9) Propene	3.009	41	907168	9.268	ppbv	97
10) Heptane	8.108	43	2276118	9.995	ppbv	100
11) Trichlorofluoromethane	3.944	101	1894782	9.209	ppbv	99
12) 1,1,2-Trichlorotrifluoro...	4.475	101	1539068	9.596	ppbv	99
13) Ethanol	3.604	45	108892	11.027	ppbv	94
14) Bromoethene	3.732	108	672806	9.589	ppbv	99
15) Acetone	3.842	43	1078352	8.898	ppbv	100
16) 1,3-Butadiene	3.324	39	925471	9.692	ppbv	100
17) tert-Butyl alcohol	4.279	59	1263921	10.031	ppbv	98
18) 1,1-Dichloroethene	4.282	96	664238	8.998	ppbv	96
19) Isopropyl Alcohol	3.957	45	714506	9.220	ppbv #	95
20) Methylene Chloride	4.337	84	574346	8.633	ppbv	98
21) Allyl Chloride	4.404	41	1101586	9.852	ppbv	99
22) trans-1,2-Dichloroethene	4.874	96	704498	9.605	ppbv #	91
23) Vinyl Acetate	5.063	43	1719382	9.423	ppbv	98
24) 1,1-Dichloroethane	4.999	63	1420796	9.425	ppbv	99
25) Ethyl Acetate	5.668	43	3549870	9.862	ppbv	100
26) Hexane	5.674	57	1650463	9.678	ppbv	99
27) Carbon Disulfide	4.542	76	1711240	10.164	ppbv	99
28) Methyl tert-Butyl Ether	5.022	73	1407628	9.818	ppbv	99
29) Chloroform	5.742	83	2337729	9.192	ppbv	99
30) Cyclohexane	7.118	84	1388535	9.525	ppbv	99
31) cis-1,2-Dichloroethene	5.539	61	1523738	9.793	ppbv	99
32) 1,1,1-Trichloroethane	6.501	97	2176720	8.708	ppbv	99
34) 2-Butanone	5.234	43	1505892	9.563	ppbv	100
35) Carbon Tetrachloride	7.005	117	2281428	8.880	ppbv	99
36) Benzene	6.880	78	3422096	9.888	ppbv	99
37) 1,2-Dichloroethane	6.295	62	1603883	9.748	ppbv	99
38) Trichloroethene	7.822	130	1326617	9.236	ppbv	97
39) 1,2-Dichloropropane	7.597	63	1294171	9.938	ppbv	97
40) 1,4-Dioxane	7.822	88	317360	9.254	ppbv	92
41) Tetrahydrofuran	6.034	42	799616	10.378	ppbv	97
42) Bromodichloromethane	7.774	83	2408552	9.682	ppbv	98
43) Methyl Methacrylate	7.999	69	1213540	10.683	ppbv	98
44) 2,2,4-Trimethylpentane	7.854	57	5755186	9.777	ppbv	99
45) t-1,3-Dichloropropene	9.266	75	950687	11.390	ppbv	96

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M

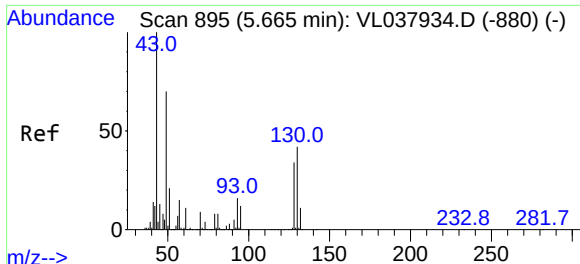
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 02 05:54:07 2021

QLast Update : Tue Nov 02 05:54:07 2021

Response via : Initial Calibration

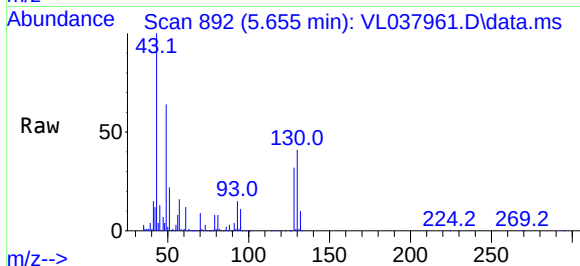
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.687	75	1280386	11.157	ppbv	96
47) 1,1,2-Trichloroethane	9.459	97	1339155	9.153	ppbv	98
48) Dibromochloromethane	10.288	129	2059522	9.942	ppbv	98
49) Bromoform	13.021	173	1551025	9.472	ppbv	98
50) 4-Methyl-2-Pentanone	8.729	43	2192569	10.597	ppbv	100
51) 2-Hexanone	10.121	43	958372	10.991	ppbv	100
52) Tetrachloroethene	11.205	164	1195369	9.105	ppbv	98
53) Toluene	9.790	91	3866126	10.420	ppbv	100
54) 1,2-Dibromoethane	10.594	107	1849152	9.800	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.108	131	1431743	9.040	ppbv #	55
57) Chlorobenzene	12.131	112	2760205	8.816	ppbv	99
58) Ethyl Benzene	12.693	91	4752111	9.906	ppbv	98
59) m/p-Xylene	12.979	91	7998322m	18.758	ppbv	
60) o-Xylene	13.677	91	3715450	9.242	ppbv	100
61) Styrene	13.507	104	2033988	11.016	ppbv	99
62) Isopropylbenzene	14.651	105	5041965	8.857	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.658	83	2642892	7.638	ppbv	99
64) n-propylbenzene	15.545	120	1372805	9.412	ppbv	99
65) tert-Butylbenzene	16.725	119	4421887	8.790	ppbv	99
66) Benzyl Chloride	16.970	91	228278	8.684	ppbv	99
67) sec-Butylbenzene	17.275	105	6158816	8.886	ppbv	100
69) p-Isopropyltoluene	17.632	119	5140309	9.246	ppbv	100
70) n-Butylbenzene	18.529	91	5058356	9.902	ppbv	99
71) 2-Chlorotoluene	15.433	91	3712068	9.307	ppbv	100
72) 4-Ethyltoluene	15.822	105	4359025	9.465	ppbv	99
73) 1,3,5-Trimethylbenzene	15.976	105	3873102	8.980	ppbv	99
74) 1,2,4-Trimethylbenzene	16.745	105	4084175	9.039	ppbv	99
75) 1,3-Dichlorobenzene	16.976	146	2513828	8.936	ppbv	99
76) 1,4-Dichlorobenzene	17.118	146	2442877	8.974	ppbv	100
77) 1,2-Dichlorobenzene	17.796	146	2400871	9.089	ppbv	99
78) Hexachloro-1,3-Butadiene	23.352	225	2126495	9.405	ppbv	98
79) Naphthalene	22.169	128	3911190	15.024	ppbv	99
80) Naphthalene,2-methyl-	24.953	142	853319	16.838	ppbv	98
81) 1,2,4-Trichlorobenzene	21.899	180	2176510	12.845	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL037961.D
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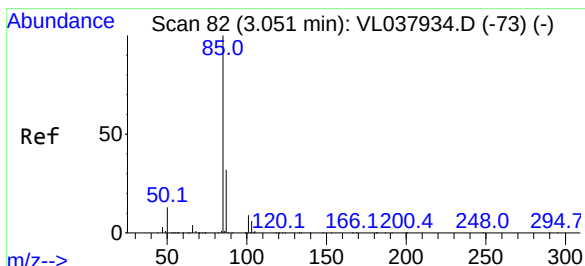
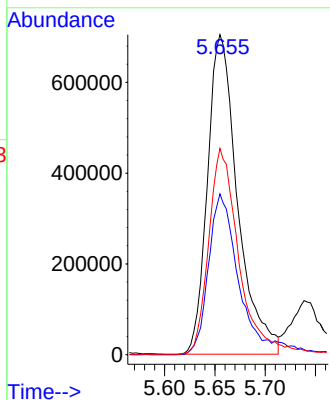
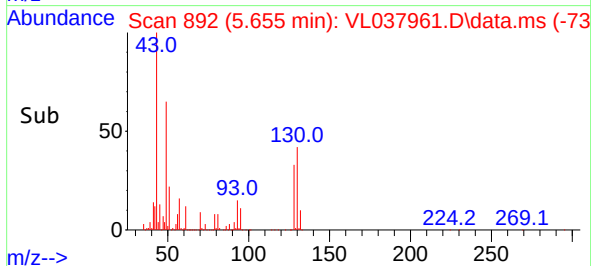
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 146654
Ion Ratio Lower Upper
49 100
128 53.2 27.0 81.0
130 66.4 33.4 100.2

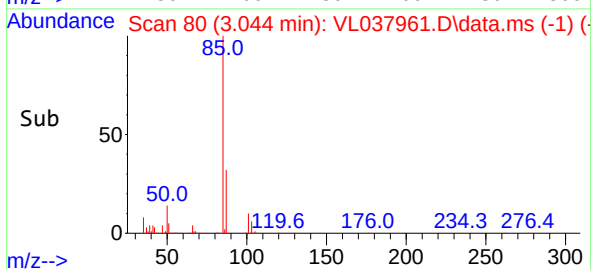
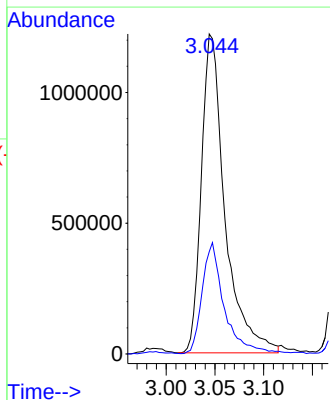
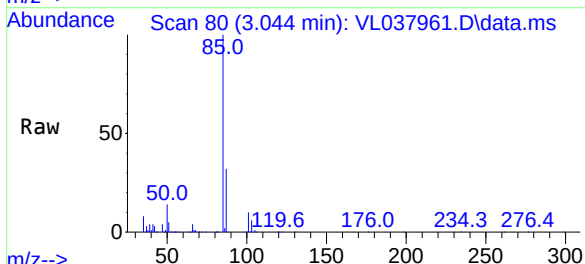
Manual Integrations
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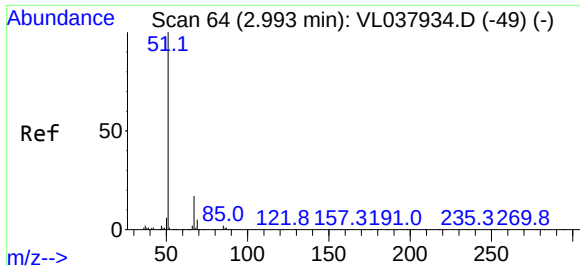
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#2
Dichlorodifluoromethane
Concen: 9.932 ppbv
RT: 3.044 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Tgt Ion: 85 Resp: 2052318
Ion Ratio Lower Upper
85 100
87 31.9 25.3 37.9





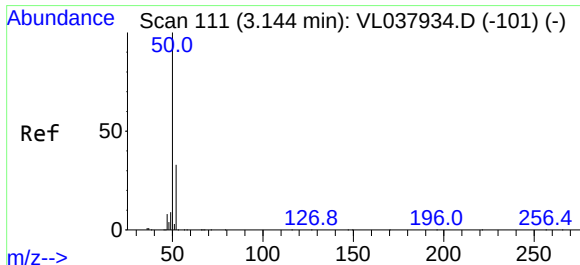
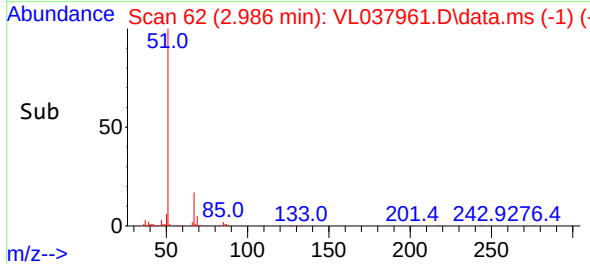
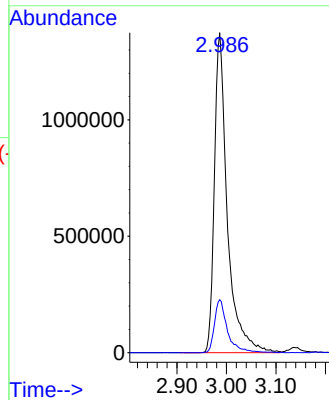
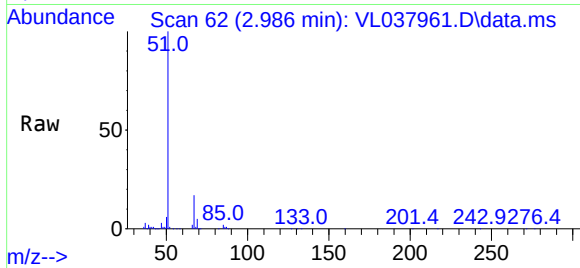
#3
Chlorodifluoromethane
Concen: 9.109 ppbv
RT: 2.986 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 2486750
Ion Ratio Lower Upper
51 100
67 16.7 13.4 20.0

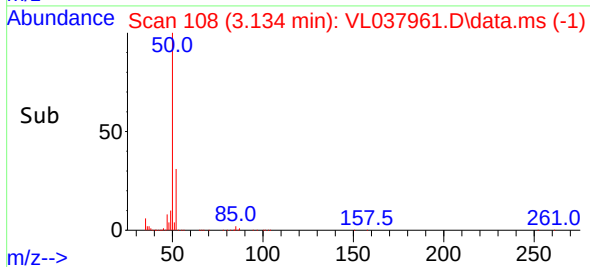
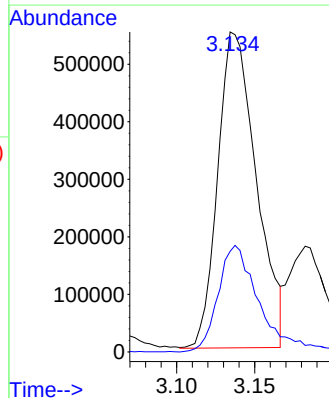
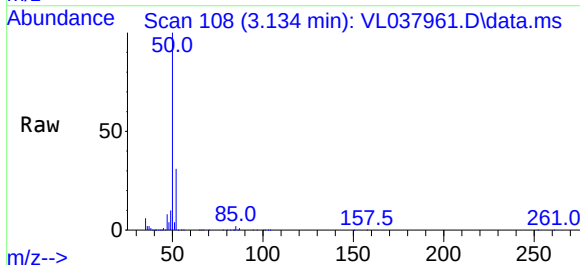
Manual Integrations
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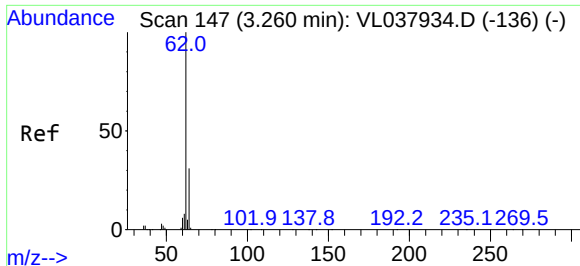
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#4
Chloromethane
Concen: 9.121 ppbv
RT: 3.134 min Scan# 108
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Tgt Ion: 50 Resp: 946404
Ion Ratio Lower Upper
50 100
52 31.9 26.3 39.5





#5
 Vinyl Chloride
 Concen: 9.331 ppbv
 RT: 3.253 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VL037961.D
 Acq: 2 Nov 2021 5:58

Instrument :

MSVOA_L

ClientSampleId :

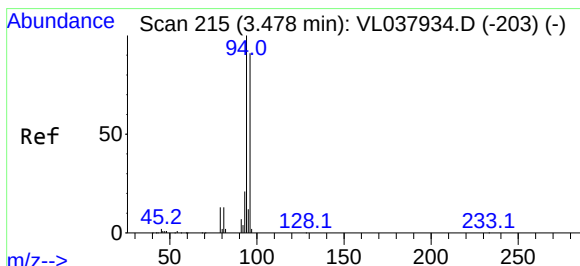
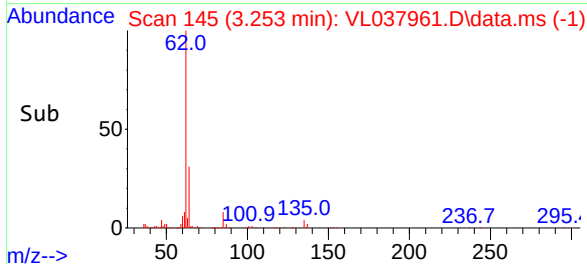
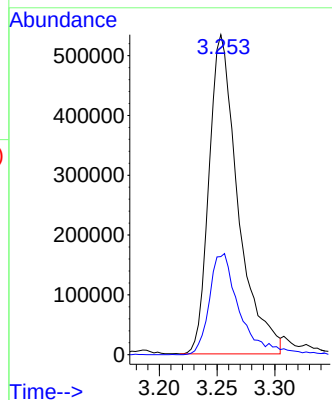
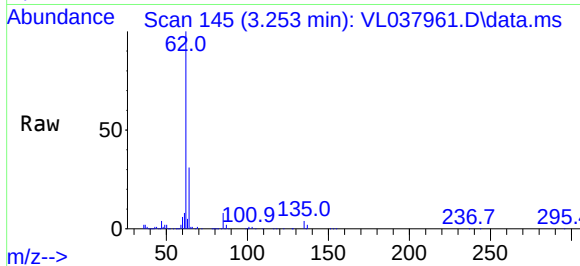
VSTDCCC010EC

Tgt Ion: 62 Resp: 933112
 Ion Ratio Lower Upper
 62 100
 64 30.7 24.7 37.1

Manual Integrations

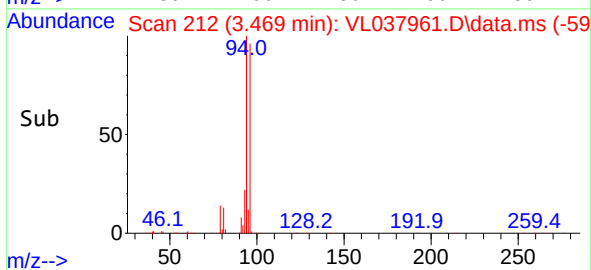
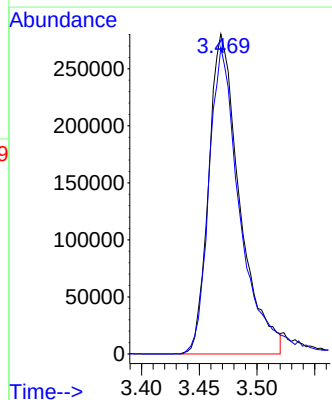
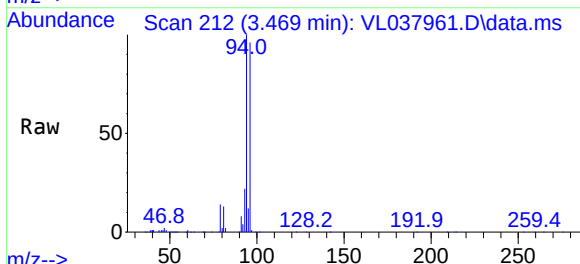
APPROVED

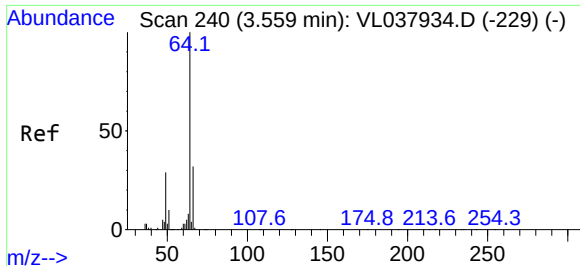
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#6
 Bromomethane
 Concen: 9.688 ppbv
 RT: 3.469 min Scan# 212
 Delta R.T. -0.010 min
 Lab File: VL037961.D
 Acq: 2 Nov 2021 5:58

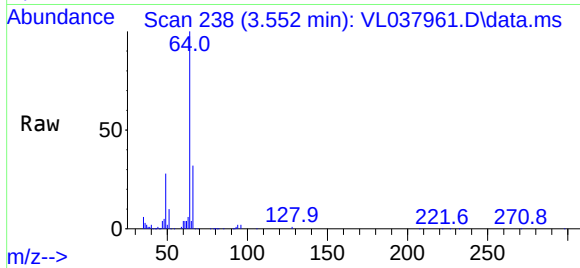
Tgt Ion: 94 Resp: 523355
 Ion Ratio Lower Upper
 94 100
 96 95.8 73.0 109.4





#7
Chloroethane
Concen: 9.256 ppbv
RT: 3.552 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

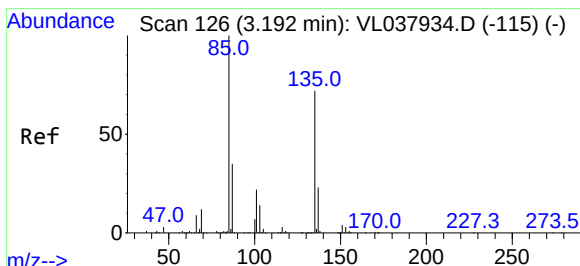
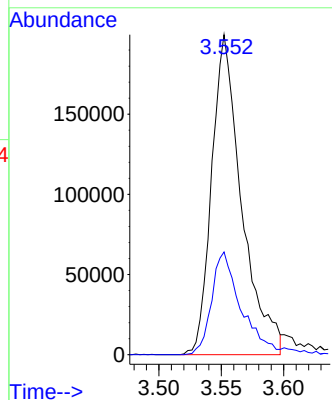
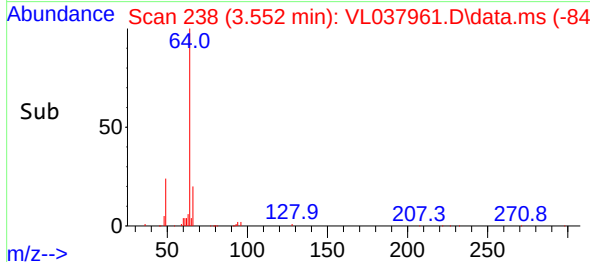
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 334104
Ion Ratio Lower Upper
64 100
66 32.1 25.5 38.3

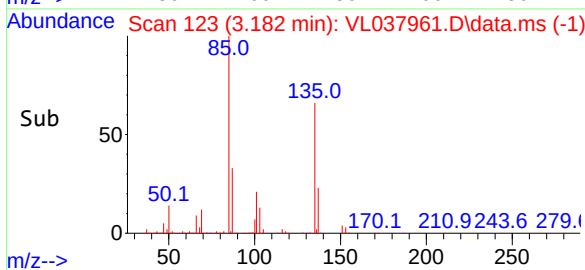
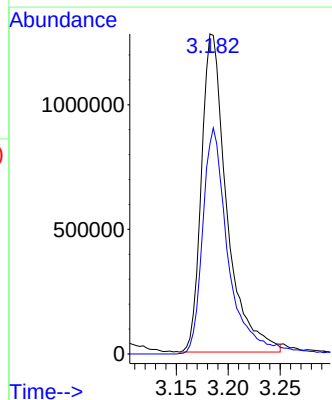
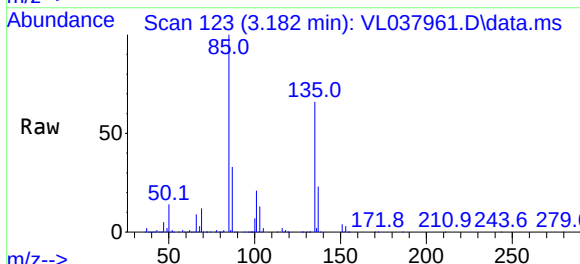
Manual Integrations
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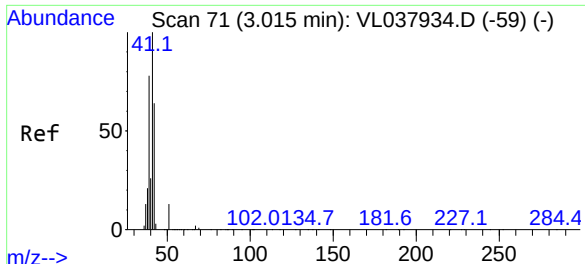
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#8
Dichlorotetrafluoroethane
Concen: 9.112 ppbv
RT: 3.182 min Scan# 123
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Tgt Ion: 85 Resp: 2168815
Ion Ratio Lower Upper
85 100
135 72.8 58.8 88.2





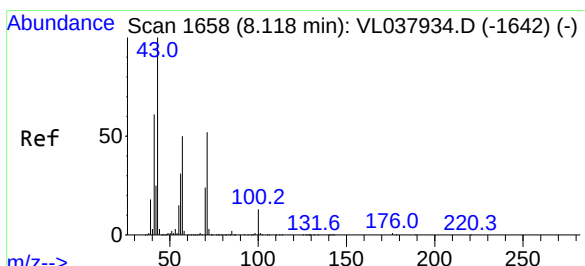
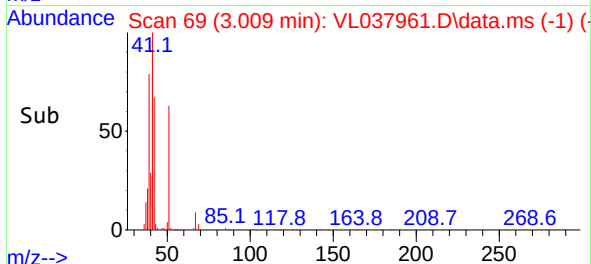
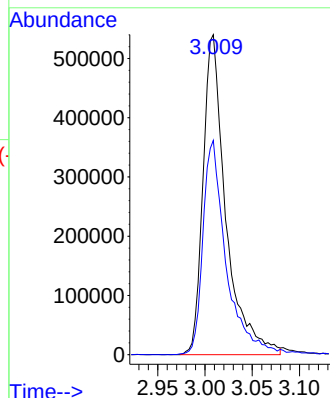
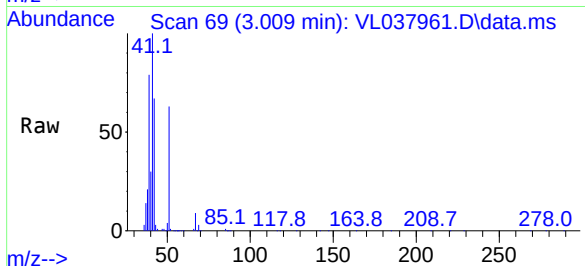
#9
Propene
Concen: 9.268 ppbv
RT: 3.009 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 907168
Ion Ratio Lower Upper
41 100
42 69.2 57.6 86.4

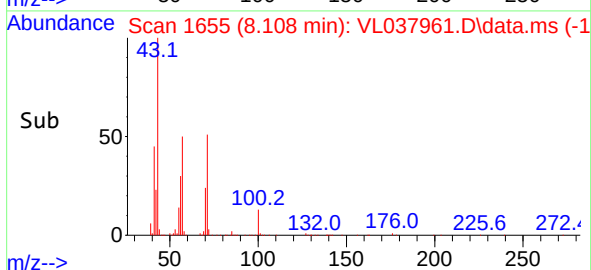
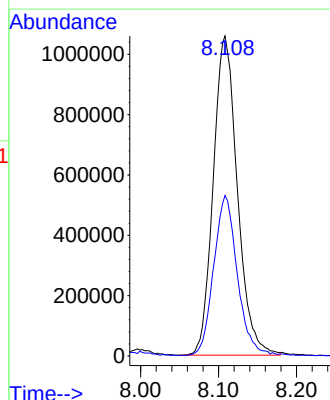
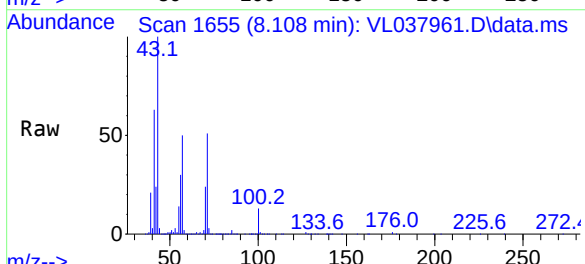
Manual Integrations
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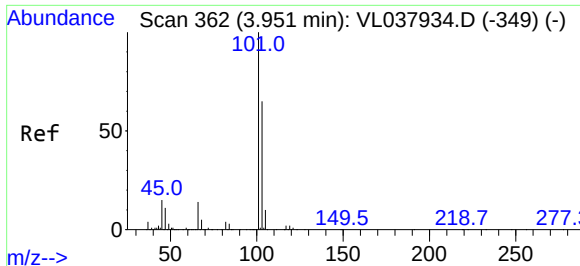
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#10
Heptane
Concen: 9.995 ppbv
RT: 8.108 min Scan# 1655
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

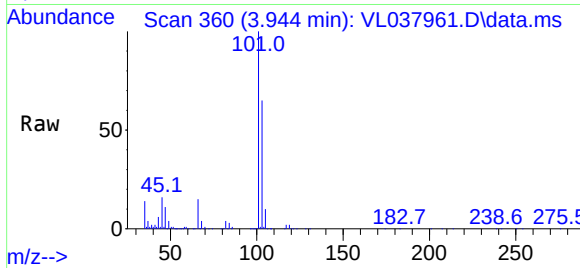
Tgt Ion: 43 Resp: 2276118
Ion Ratio Lower Upper
43 100
57 49.7 39.8 59.8





#11
Trichlorofluoromethane
Concen: 9.209 ppbv
RT: 3.944 min Scan# 30
Delta R.T. -0.006 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

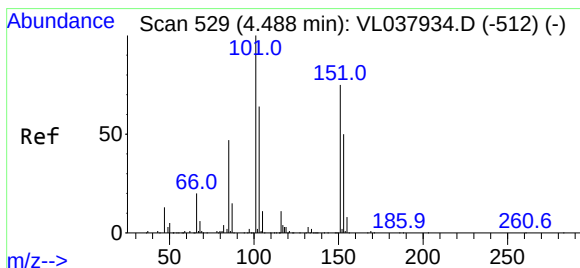
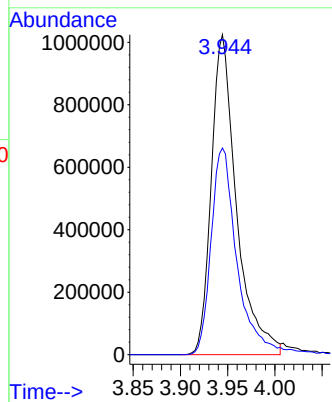
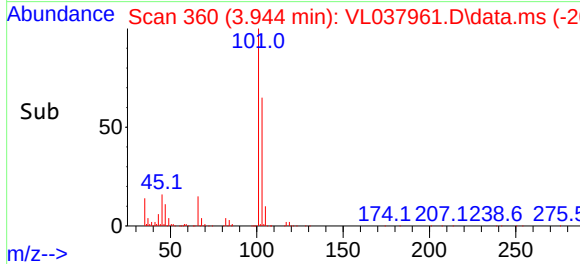
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



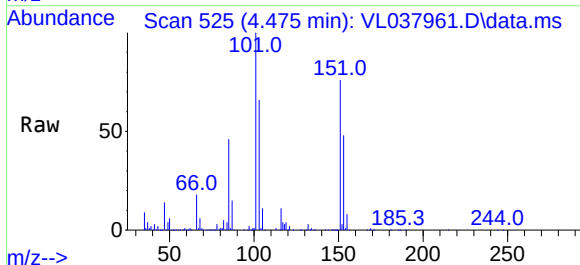
Tgt Ion:101 Resp: 189478
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0

Manual Integrations
APPROVED

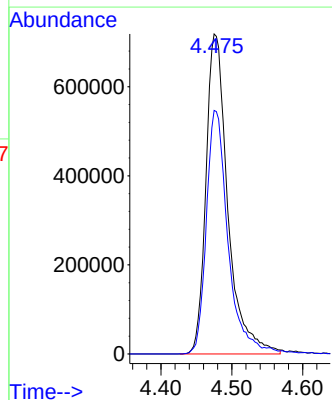
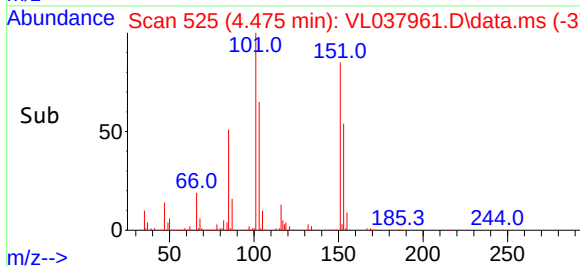
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

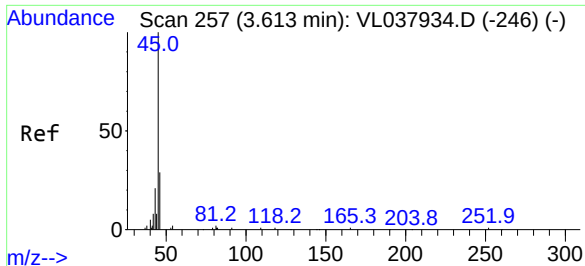


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.596 ppbv
RT: 4.475 min Scan# 525
Delta R.T. -0.013 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58



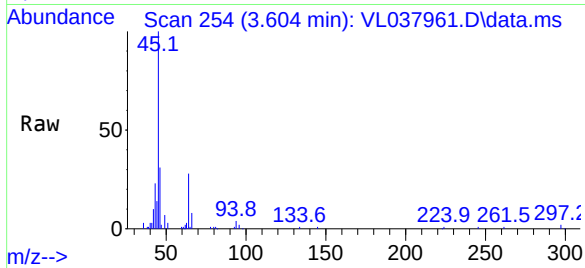
Tgt Ion:101 Resp: 1539068
Ion Ratio Lower Upper
101 100
151 76.3 61.8 92.8





#13
Ethanol
Concen: 11.027 ppbv
RT: 3.604 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

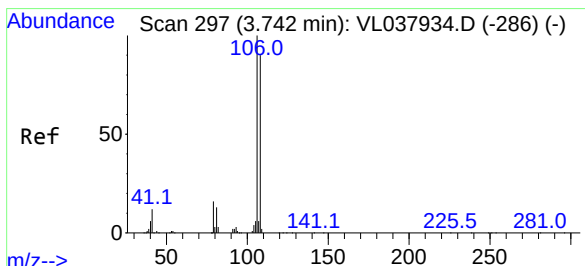
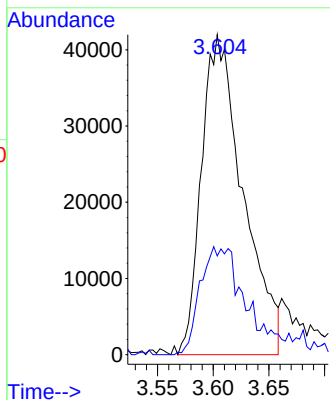
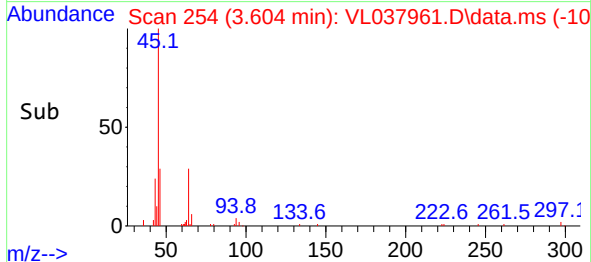
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



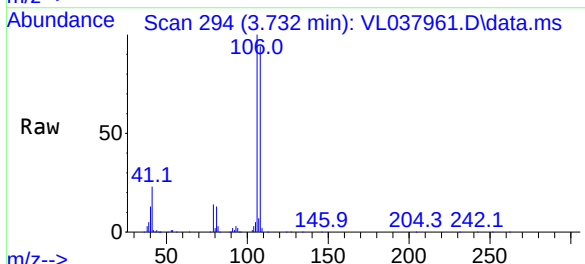
Tgt Ion: 45 Resp: 108892
Ion Ratio Lower Upper
45 100
46 39.9 17.4 69.8

Manual Integrations
APPROVED

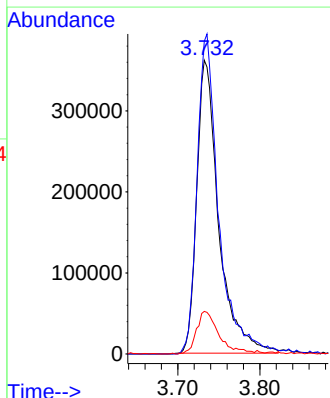
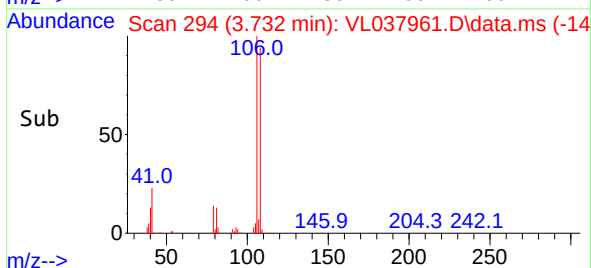
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

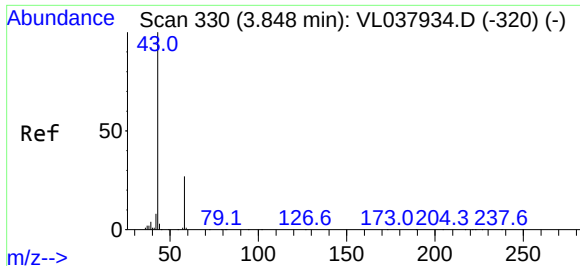


#14
Bromoethene
Concen: 9.589 ppbv
RT: 3.732 min Scan# 294
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58



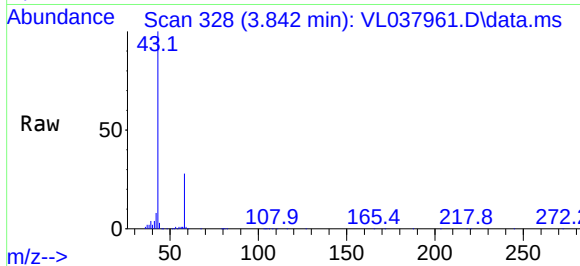
Tgt Ion:108 Resp: 672806
Ion Ratio Lower Upper
108 100
106 108.8 88.4 132.6
79 15.7 12.4 18.6





#15
Acetone
Concen: 8.898 ppbv
RT: 3.842 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

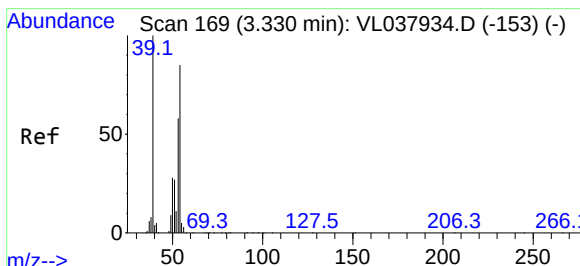
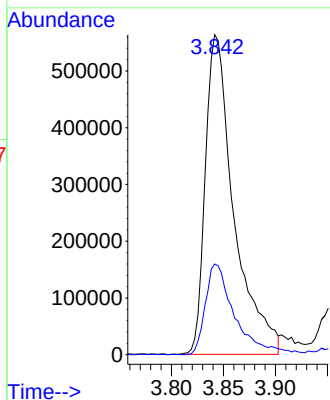
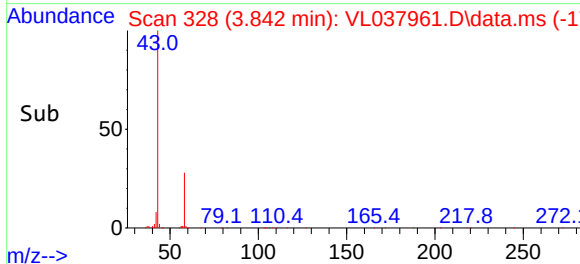
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 107835
Ion Ratio Lower Upper
43 100
58 29.1 23.3 34.9

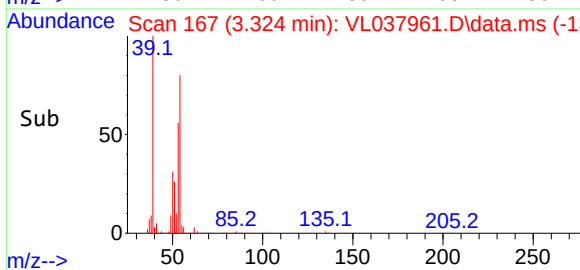
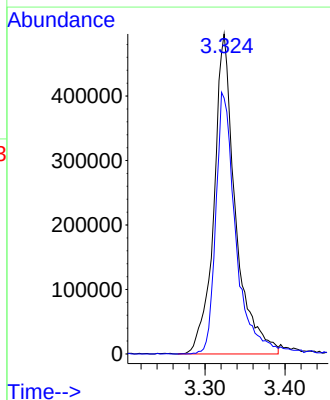
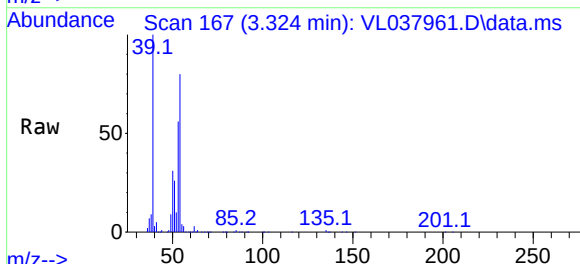
Manual Integrations
APPROVED

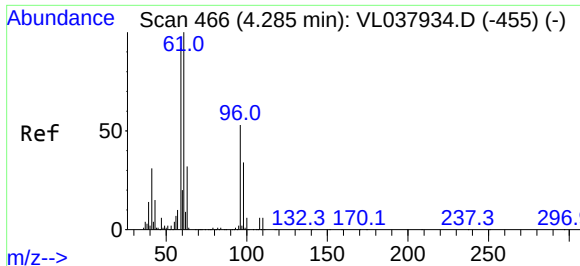
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#16
1,3-Butadiene
Concen: 9.692 ppbv
RT: 3.324 min Scan# 167
Delta R.T. -0.006 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Tgt Ion: 39 Resp: 925471
Ion Ratio Lower Upper
39 100
54 77.8 62.6 93.8





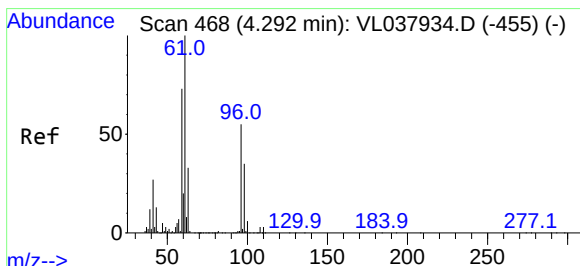
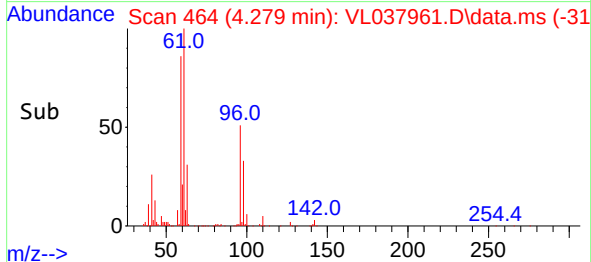
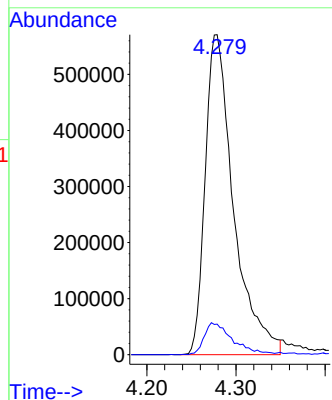
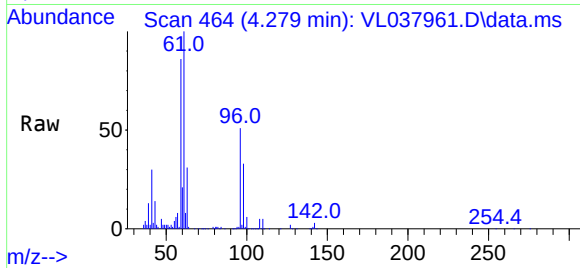
#17
tert-Butyl alcohol
Concen: 10.031 ppbv
RT: 4.279 min Scan# 464
Delta R.T. -0.006 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 126392
Ion Ratio Lower Upper
59 100
57 10.5 8.9 13.3

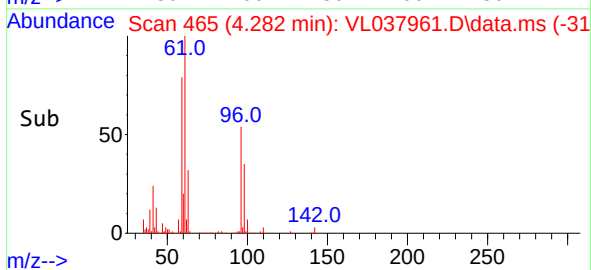
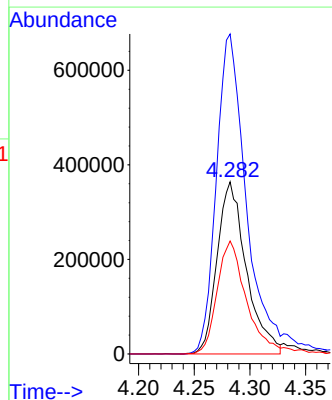
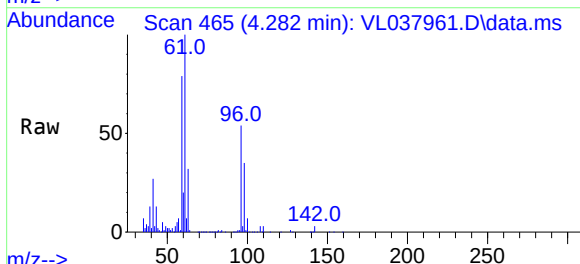
Manual Integrations
APPROVED

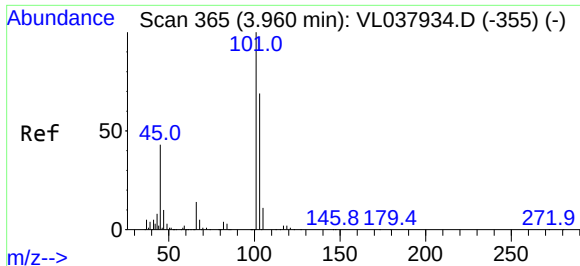
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#18
1,1-Dichloroethene
Concen: 8.998 ppbv
RT: 4.282 min Scan# 465
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

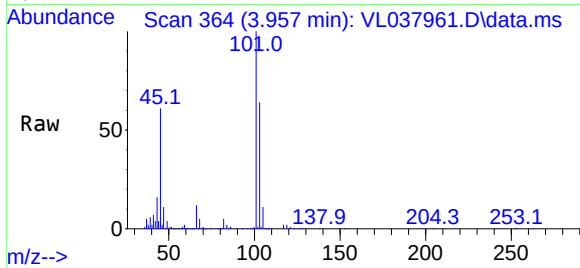
Tgt Ion: 96 Resp: 664238
Ion Ratio Lower Upper
96 100
61 185.8 144.3 216.5
98 65.6 50.5 75.7





#19
Isopropyl Alcohol
Concen: 9.220 ppbv
RT: 3.957 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

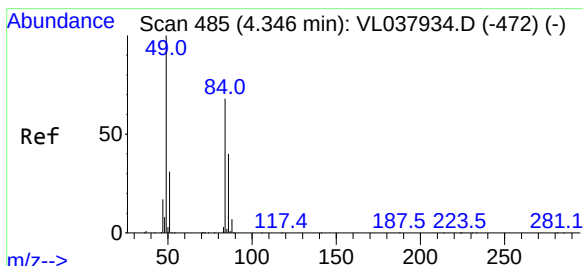
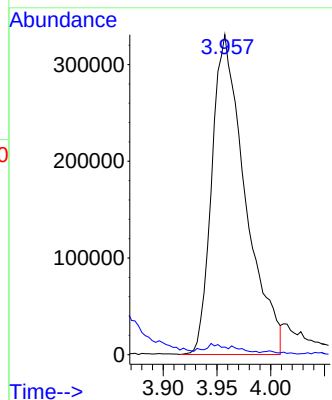
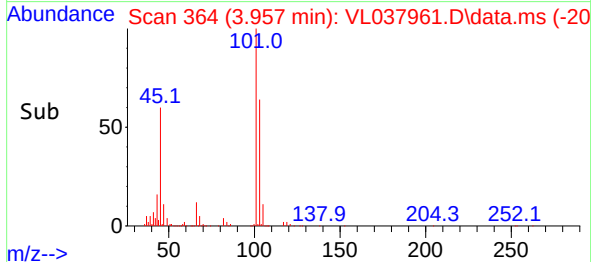
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



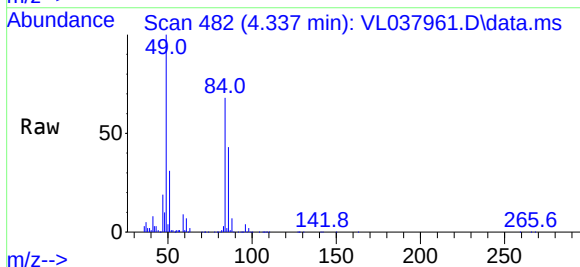
Tgt Ion: 45 Resp: 714500
Ion Ratio Lower Upper
45 100
58 3.5 4.0 6.0

Manual Integrations
APPROVED

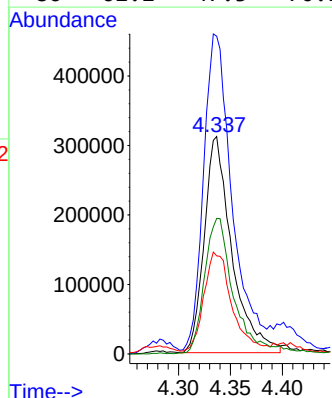
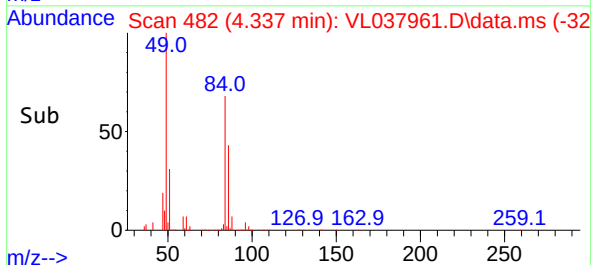
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

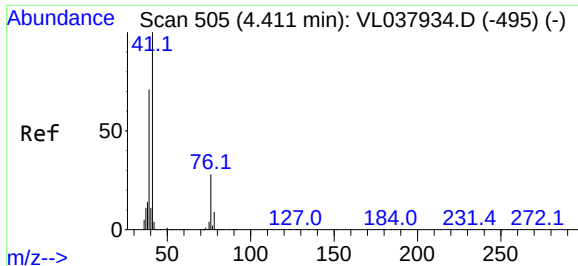


#20
Methylene Chloride
Concen: 8.633 ppbv
RT: 4.337 min Scan# 482
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58



Tgt Ion: 84 Resp: 574346
Ion Ratio Lower Upper
84 100
49 145.3 117.5 176.3
51 44.0 35.9 53.9
86 62.2 47.3 70.9





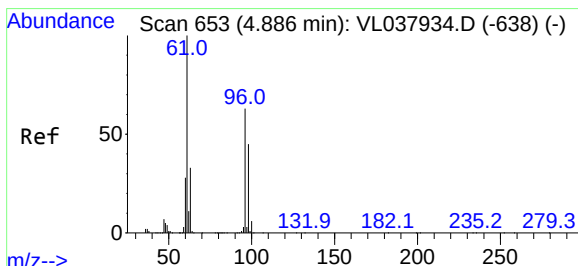
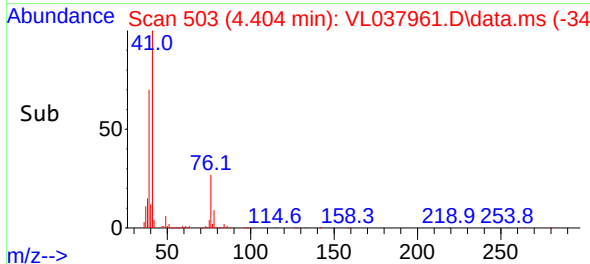
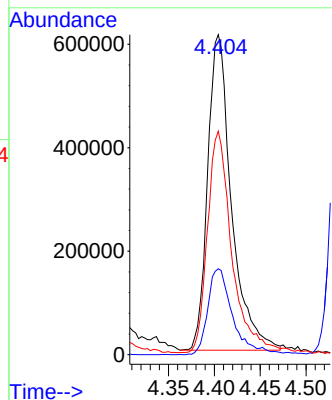
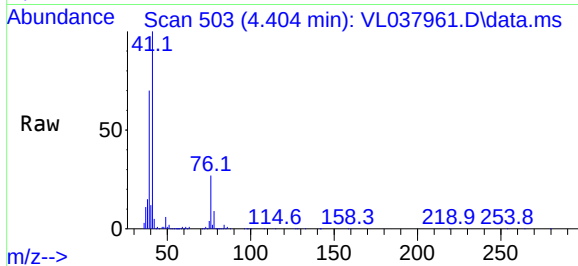
#21
 Allyl Chloride
 Concen: 9.852 ppbv
 RT: 4.404 min Scan# 505
 Delta R.T. -0.006 min
 Lab File: VL037961.D
 Acq: 2 Nov 2021 5:58

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 1101586
 Ion Ratio Lower Upper
 41 100
 76 28.8 23.6 35.4
 39 73.5 59.7 89.5

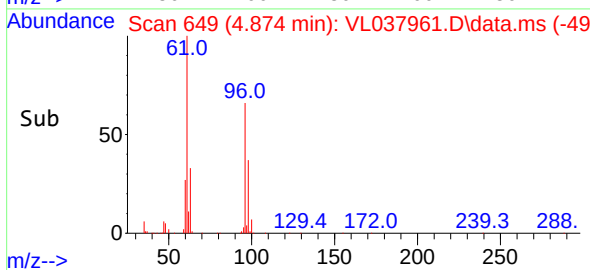
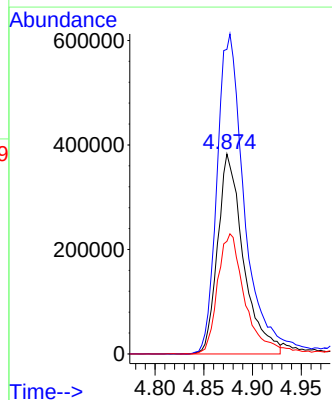
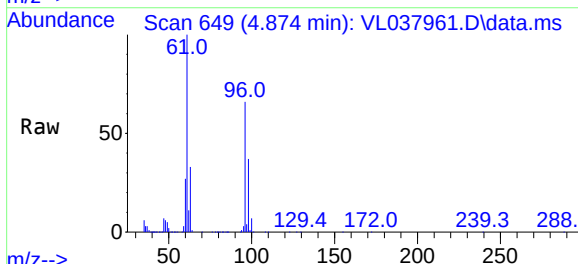
Manual Integrations
 APPROVED

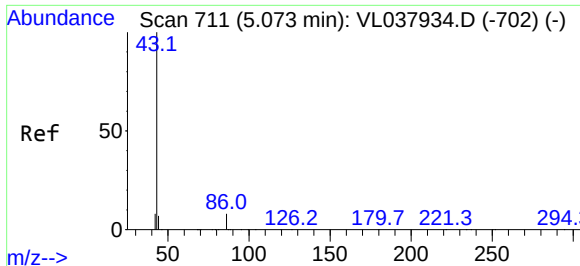
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#22
 trans-1,2-Dichloroethene
 Concen: 9.605 ppbv
 RT: 4.874 min Scan# 649
 Delta R.T. -0.013 min
 Lab File: VL037961.D
 Acq: 2 Nov 2021 5:58

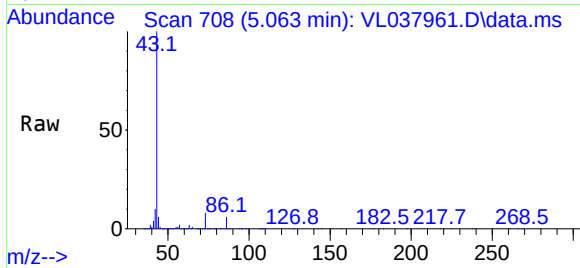
Tgt Ion: 96 Resp: 704498
 Ion Ratio Lower Upper
 96 100
 61 152.3 127.8 191.6
 98 56.3 56.9 85.3#





#23
 Vinyl Acetate
 Concen: 9.423 ppbv
 RT: 5.063 min Scan# 708
 Delta R.T. -0.010 min
 Lab File: VL037961.D
 Acq: 2 Nov 2021 5:58

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

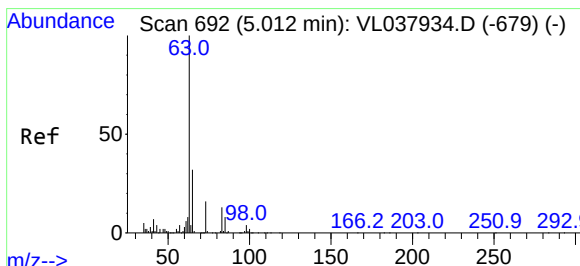
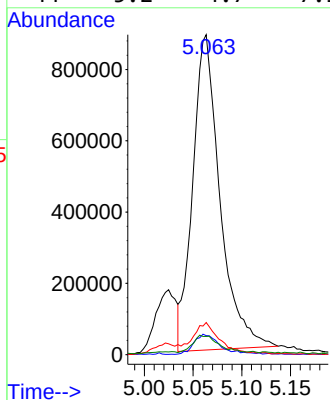
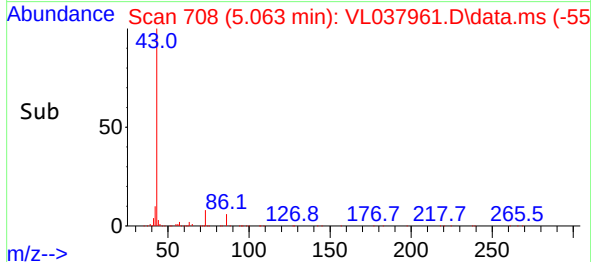


Tgt Ion: 43 Resp: 171938

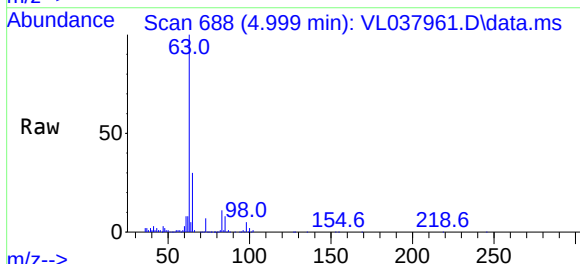
Ion	Ratio	Lower	Upper
43	100		
86	6.0	5.5	8.3
42	10.0	7.4	11.2
44	5.2	4.7	7.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021

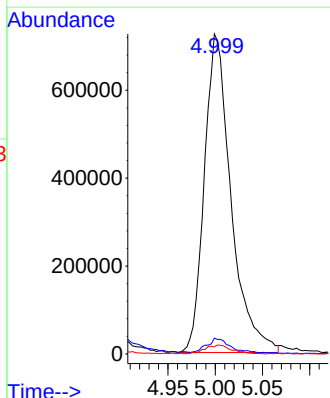
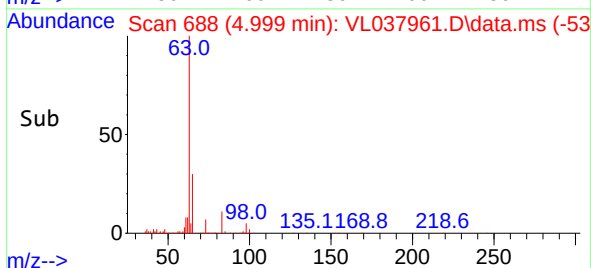


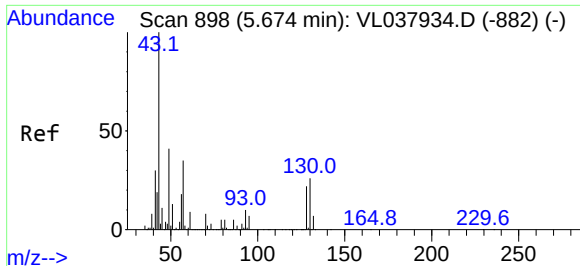
#24
 1,1-Dichloroethane
 Concen: 9.425 ppbv
 RT: 4.999 min Scan# 688
 Delta R.T. -0.013 min
 Lab File: VL037961.D
 Acq: 2 Nov 2021 5:58



Tgt Ion: 63 Resp: 1420796

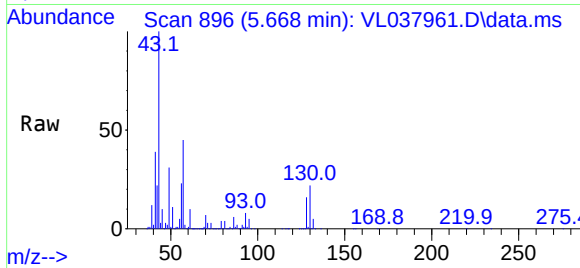
Ion	Ratio	Lower	Upper
63	100		
98	4.8	2.3	6.9
100	2.1	1.2	3.6





#25
Ethyl Acetate
Concen: 9.862 ppbv
RT: 5.668 min Scan# 896
Delta R.T. -0.006 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

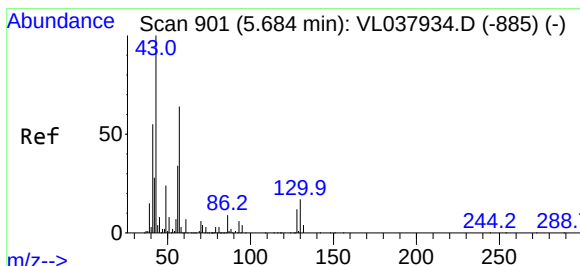
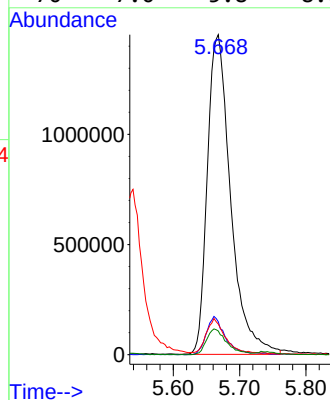
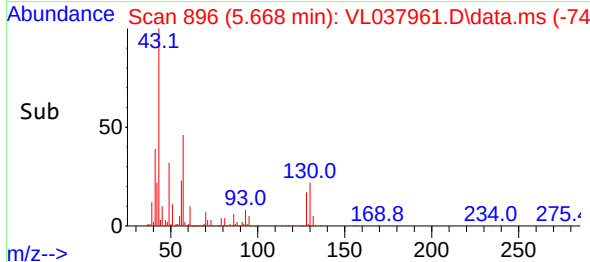
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



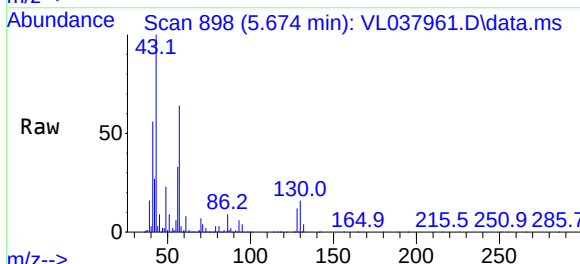
Tgt Ion: 43 Resp: 3549870
Ion Ratio Lower Upper
43 100
45 10.2 8.1 12.1
61 9.9 8.1 12.1
70 7.0 5.8 8.6

Manual Integrations
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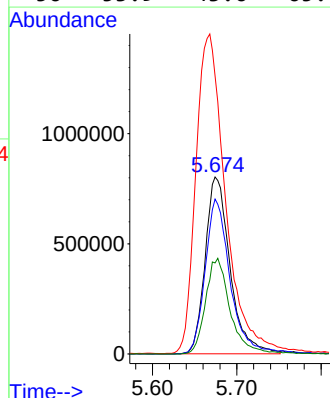
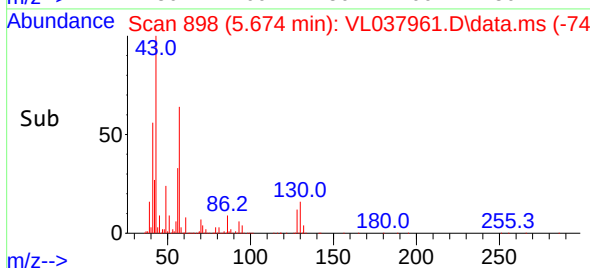
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

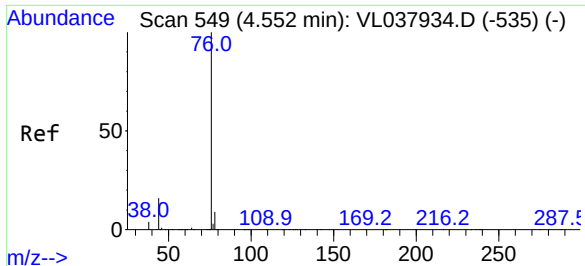


#26
Hexane
Concen: 9.678 ppbv
RT: 5.674 min Scan# 898
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58



Tgt Ion: 57 Resp: 1650463
Ion Ratio Lower Upper
57 100
41 89.3 71.0 106.6
43 218.0 173.0 259.6
56 53.9 43.6 65.4





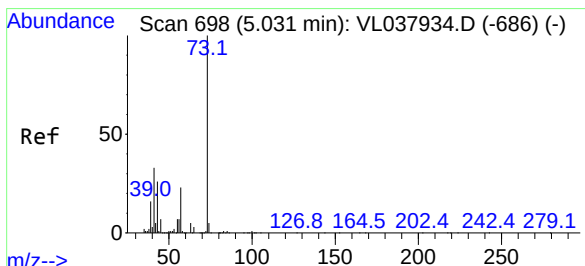
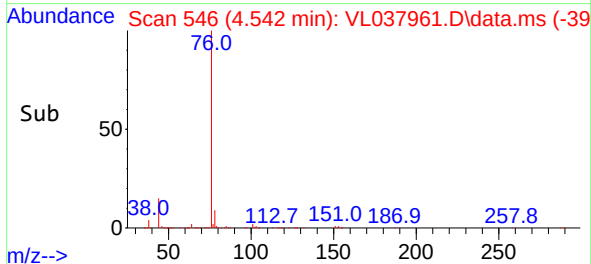
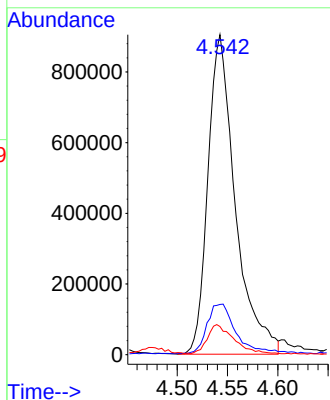
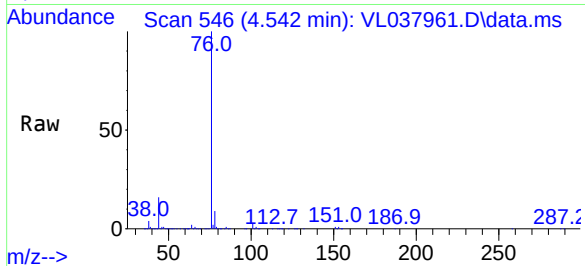
#27
Carbon Disulfide
Concen: 10.164 ppbv
RT: 4.542 min Scan# 549
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 1711240
Ion Ratio Lower Upper
76 100
44 16.7 13.2 19.8
78 9.9 7.2 10.8

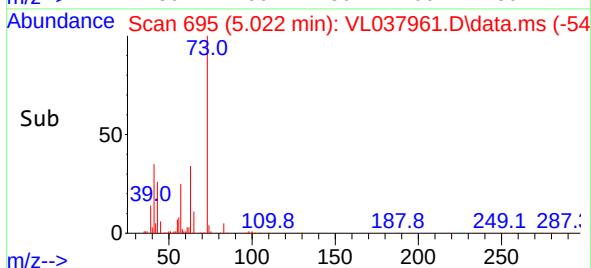
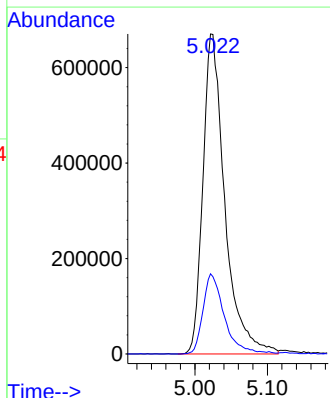
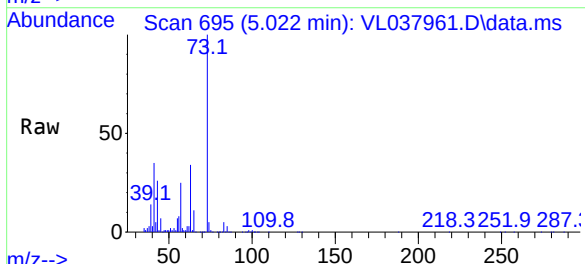
Manual Integrations
APPROVED

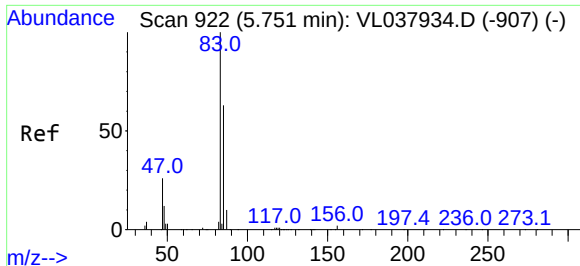
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#28
Methyl tert-Butyl Ether
Concen: 9.818 ppbv
RT: 5.022 min Scan# 695
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

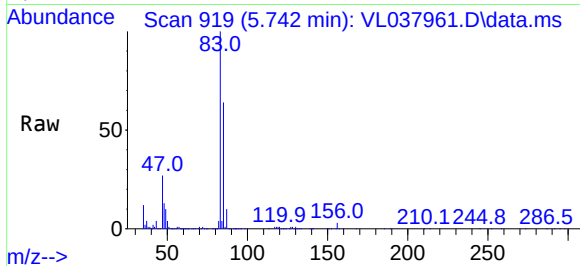
Tgt Ion: 73 Resp: 1407628
Ion Ratio Lower Upper
73 100
57 24.8 20.1 30.1





#29
Chloroform
Concen: 9.192 ppbv
RT: 5.742 min Scan# 919
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

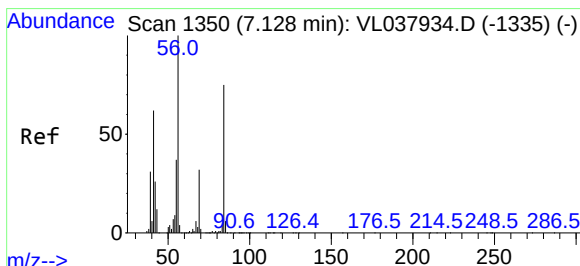
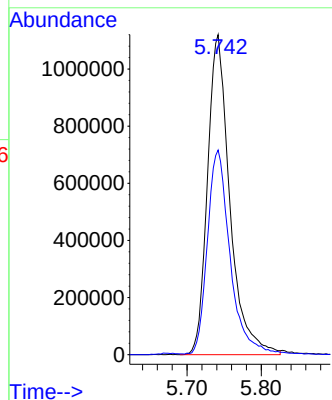
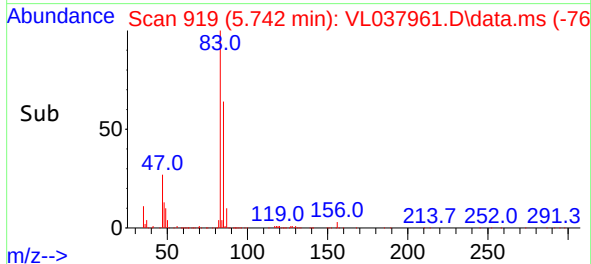
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



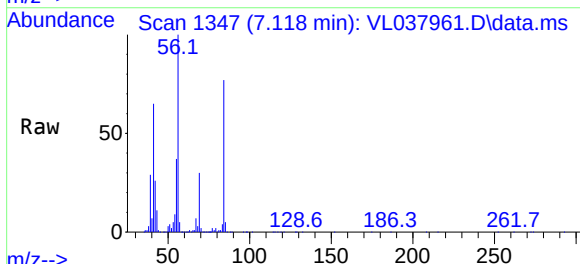
Tgt Ion: 83 Resp: 2337729
Ion Ratio Lower Upper
83 100
85 63.7 50.6 76.0

Manual Integrations
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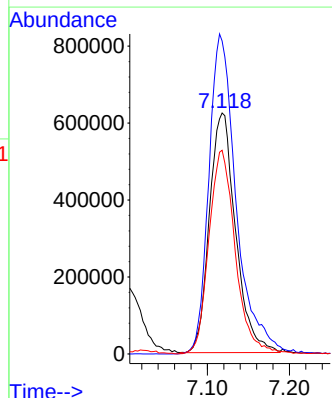
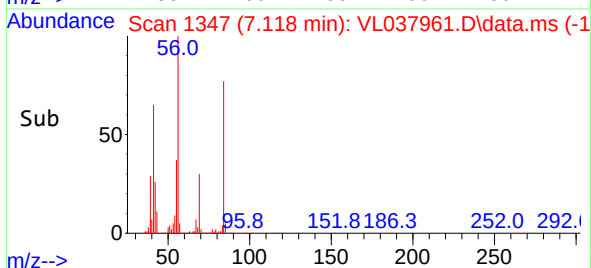
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

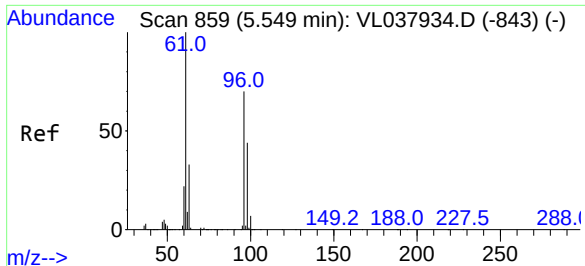


#30
Cyclohexane
Concen: 9.525 ppbv
RT: 7.118 min Scan# 1347
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58



Tgt Ion: 84 Resp: 1388535
Ion Ratio Lower Upper
84 100
56 140.1 114.0 171.0
41 85.1 68.3 102.5





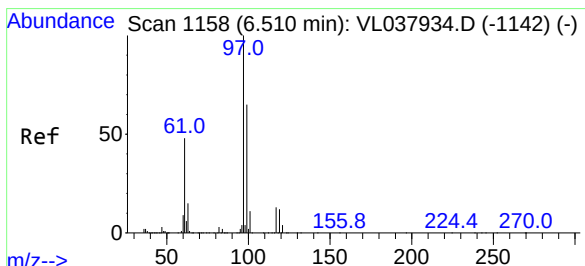
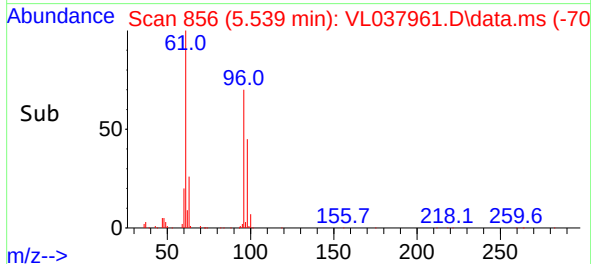
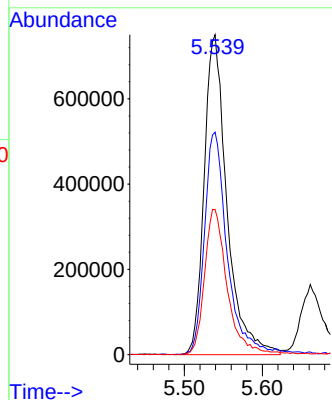
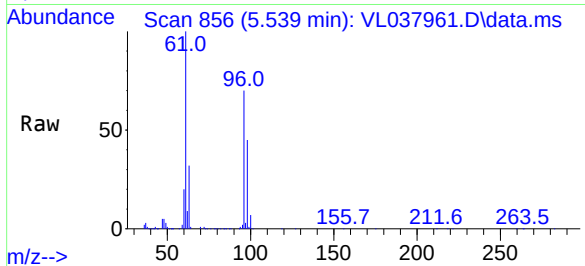
#31
cis-1,2-Dichloroethene
Concen: 9.793 ppbv
RT: 5.539 min Scan# 859
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 61 Resp: 1523738
Ion Ratio Lower Upper
61 100
96 69.4 55.6 83.4
98 45.3 34.9 52.3

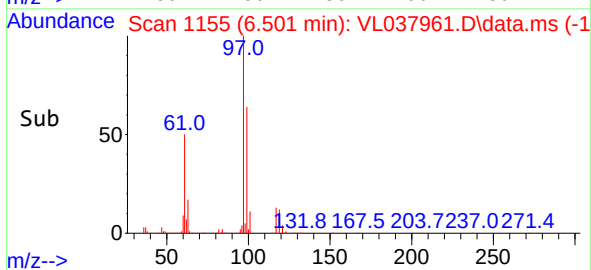
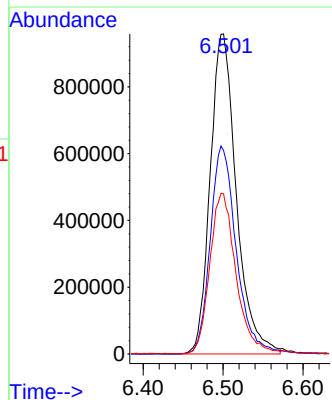
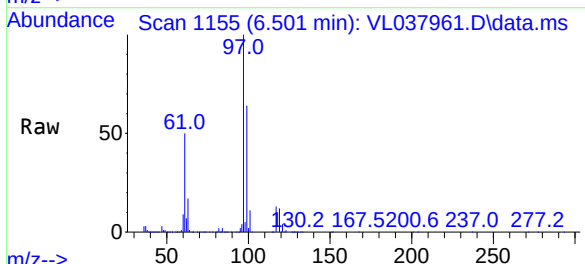
Manual Integrations
APPROVED

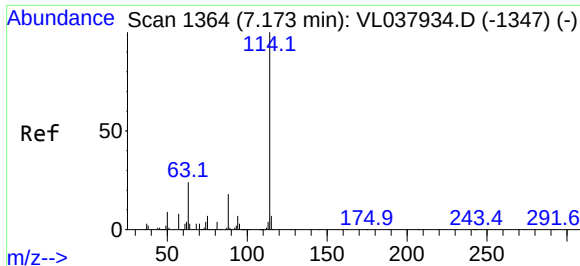
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#32
1,1,1-Trichloroethane
Concen: 8.708 ppbv
RT: 6.501 min Scan# 1155
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

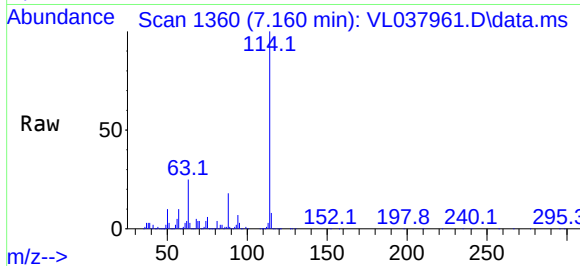
Tgt Ion: 97 Resp: 2176720
Ion Ratio Lower Upper
97 100
99 65.1 52.2 78.4
61 51.2 39.8 59.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

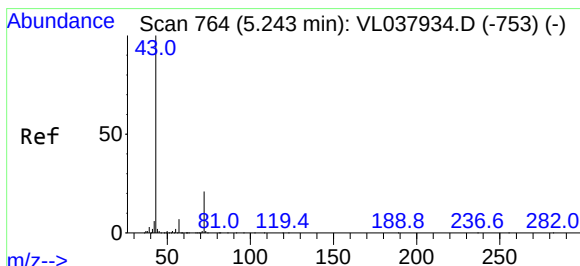
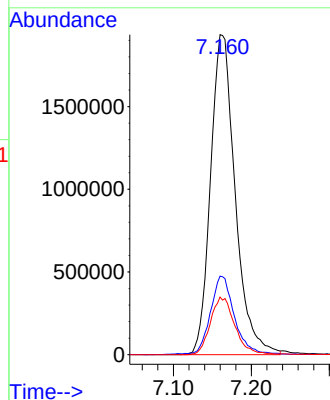
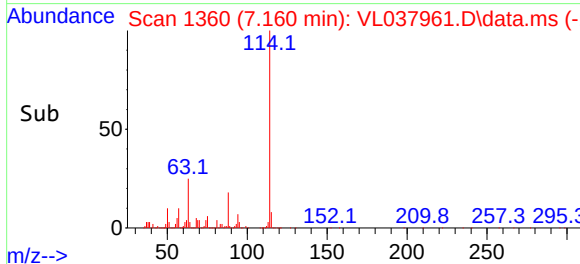
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:114 Resp: 4249714
Ion Ratio Lower Upper
114 100
63 24.1 19.4 29.0
88 18.0 14.2 21.4

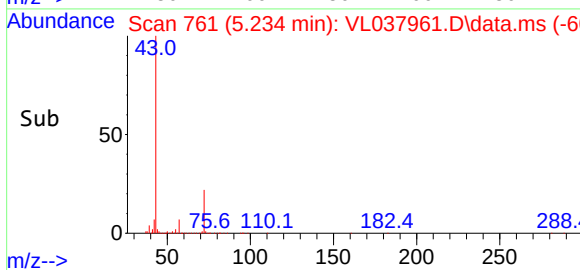
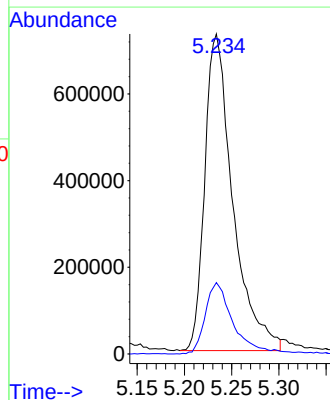
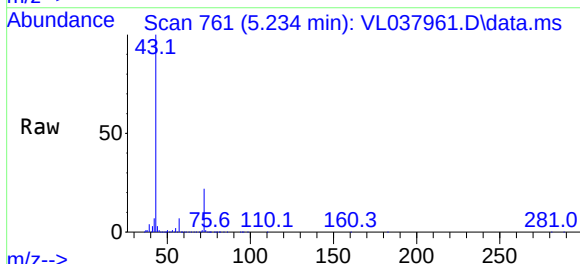
Manual Integrations
APPROVED

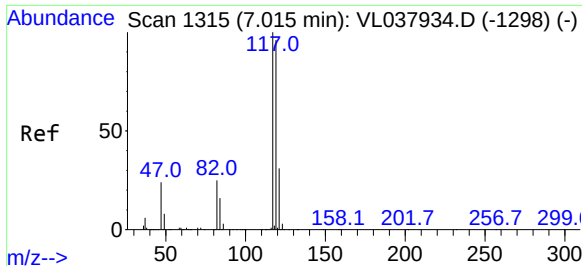
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#34
2-Butanone
Concen: 9.563 ppbv
RT: 5.234 min Scan# 761
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

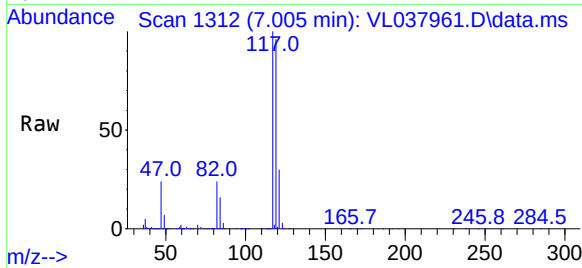
Tgt Ion: 43 Resp: 1505892
Ion Ratio Lower Upper
43 100
72 23.0 18.3 27.5





#35
Carbon Tetrachloride
Concen: 8.880 ppbv
RT: 7.005 min Scan# 111
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

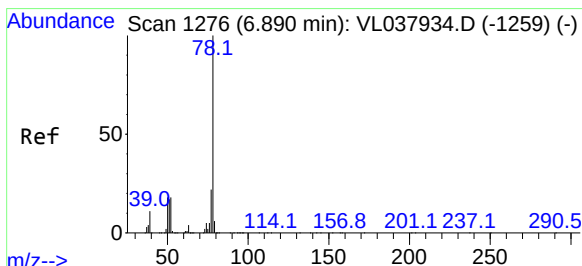
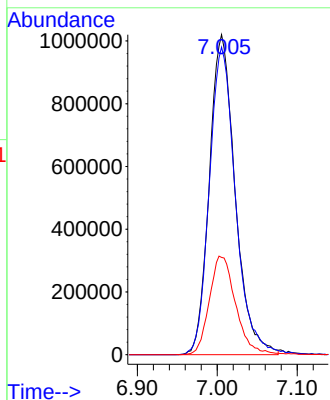
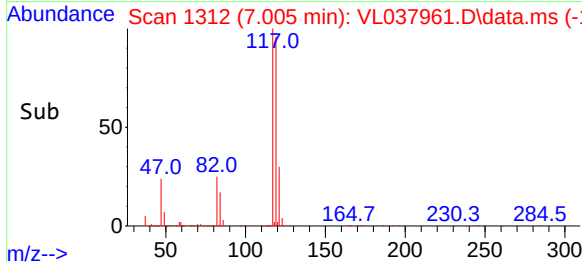
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



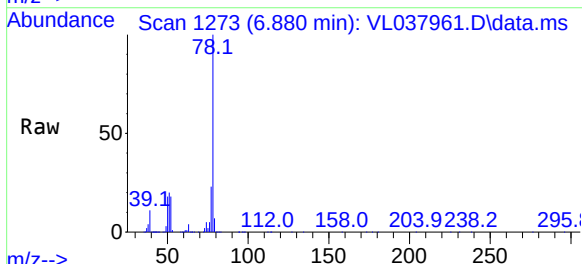
Tgt Ion: 117 Resp: 2281428
Ion Ratio Lower Upper
117 100
119 96.1 76.6 114.8
121 30.3 25.1 37.7

Manual Integrations
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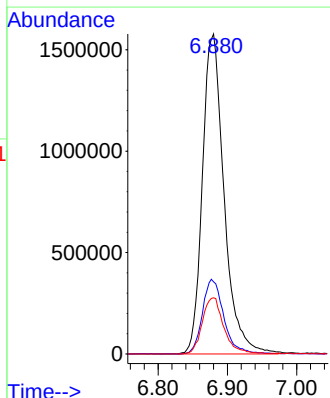
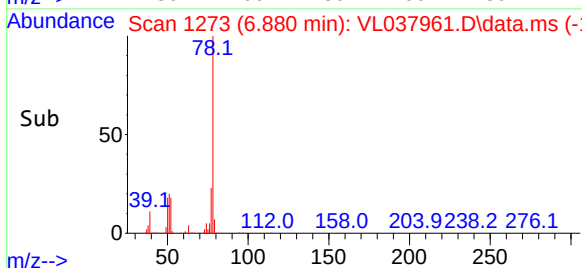
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

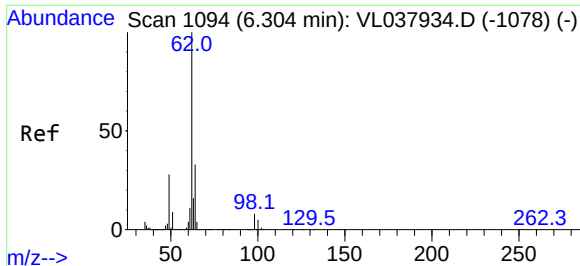


#36
Benzene
Concen: 9.888 ppbv
RT: 6.880 min Scan# 1273
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58



Tgt Ion: 78 Resp: 3422096
Ion Ratio Lower Upper
78 100
77 22.5 17.9 26.9
50 17.5 14.4 21.6





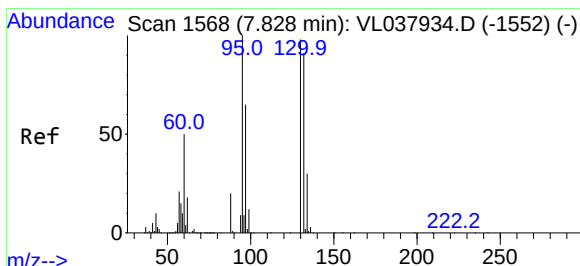
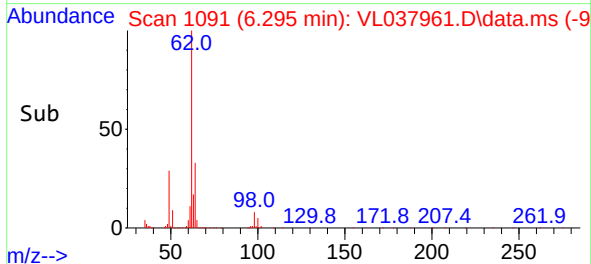
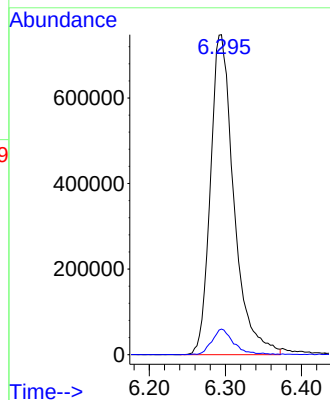
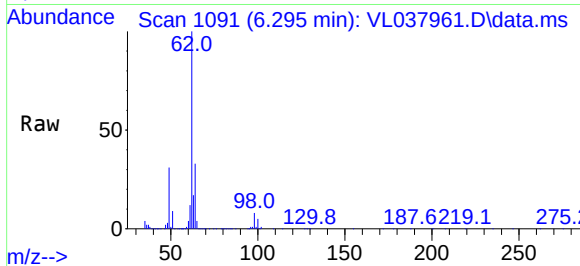
#37
1,2-Dichloroethane
Concen: 9.748 ppbv
RT: 6.295 min Scan# 1094
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 160388
Ion Ratio Lower Upper
62 100
98 7.6 6.5 9.7

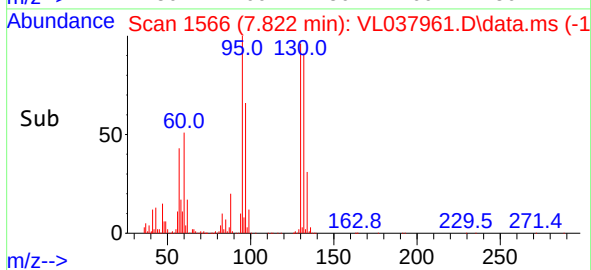
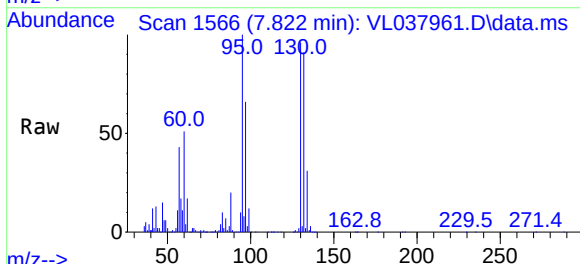
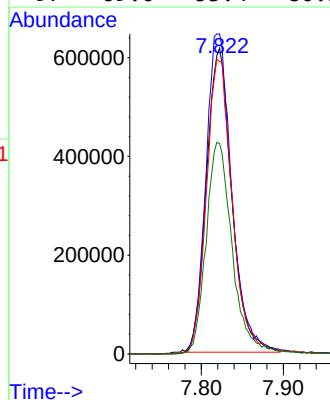
Manual Integrations
APPROVED

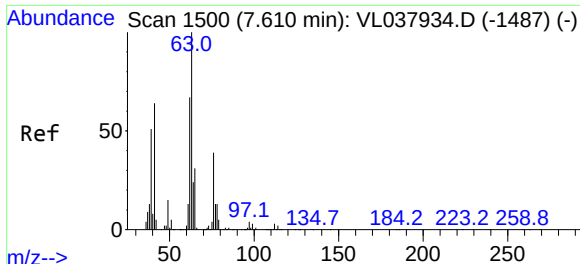
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#38
Trichloroethene
Concen: 9.236 ppbv
RT: 7.822 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

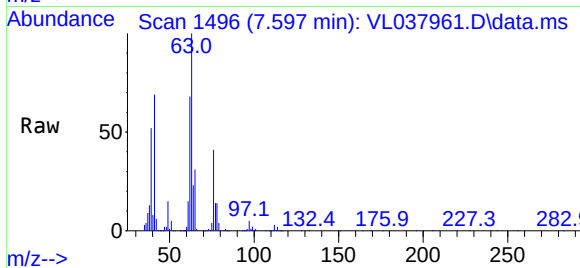
Tgt Ion:130 Resp: 1326617
Ion Ratio Lower Upper
130 100
95 105.0 81.8 122.8
132 95.8 74.2 111.2
97 69.0 53.4 80.2





#39
1,2-Dichloropropane
Concen: 9.938 ppbv
RT: 7.597 min Scan# 1496
Delta R.T. -0.013 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

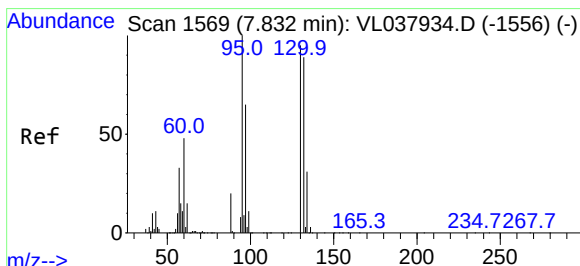
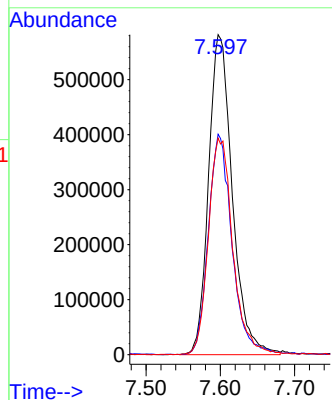
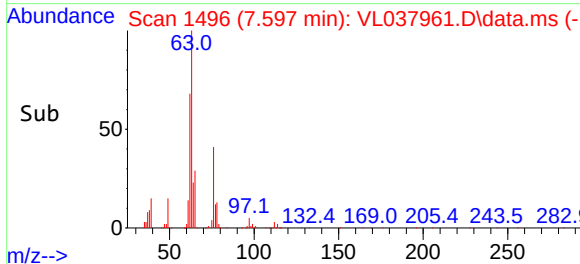


Tgt Ion: 63 Resp: 129417

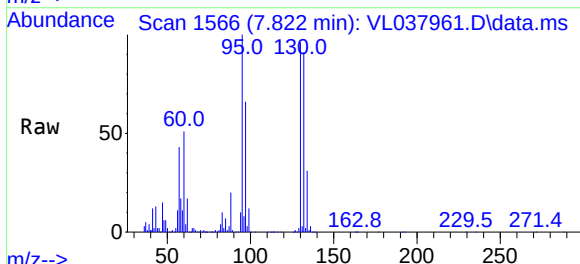
Ion	Ratio	Lower	Upper
63	100		
41	68.8	51.6	77.4
62	67.6	53.5	80.3

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

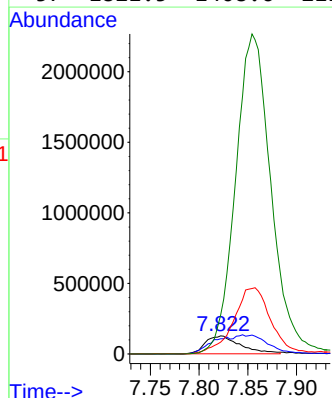
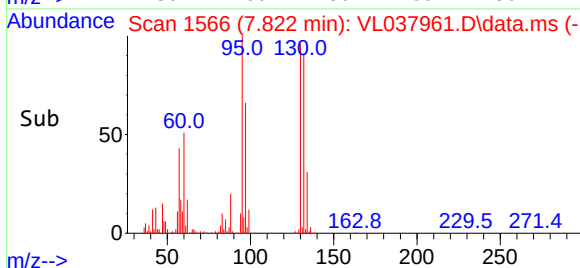


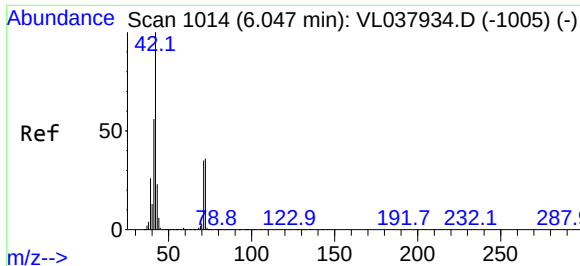
#40
1,4-Dioxane
Concen: 9.254 ppbv
RT: 7.822 min Scan# 1566
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58



Tgt Ion: 88 Resp: 317360

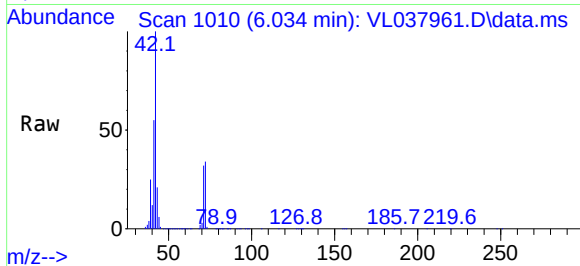
Ion	Ratio	Lower	Upper
88	100		
58	163.2	129.1	193.7
43	400.8	313.2	469.8
57	1821.5	1408.6	2112.8





#41
Tetrahydrofuran
Concen: 10.378 ppbv
RT: 6.034 min Scan# 1014
Delta R.T. -0.013 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

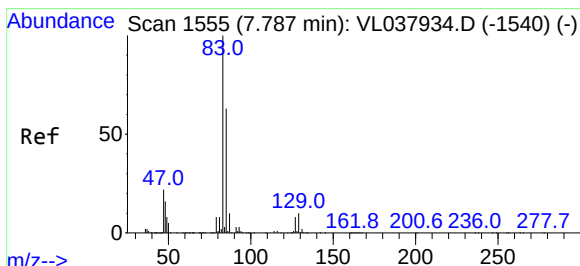
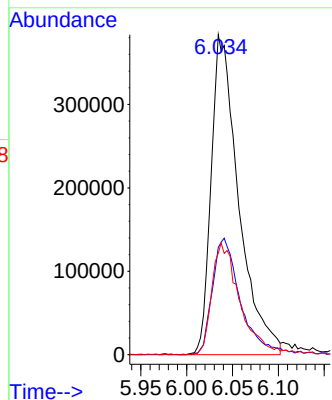
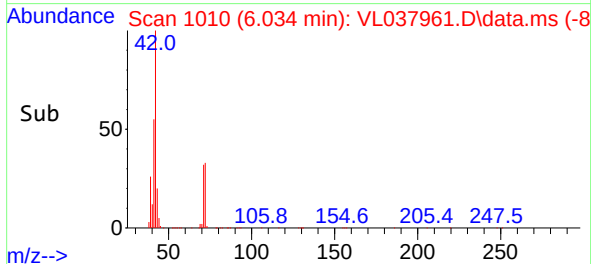
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 799610
Ion Ratio Lower Upper
42 100
72 37.8 31.5 47.3
71 36.4 30.5 45.7

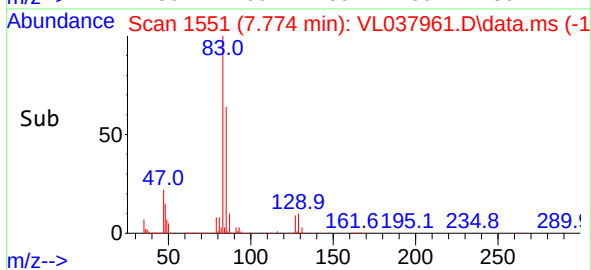
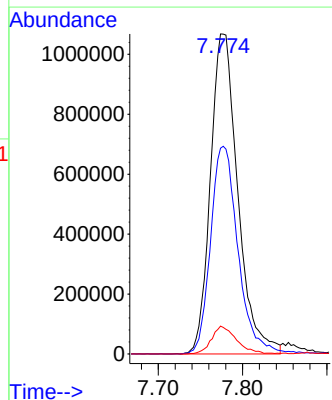
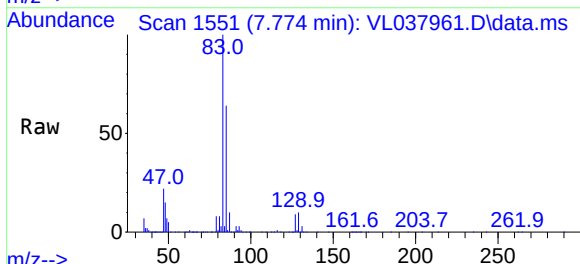
Manual Integrations
APPROVED

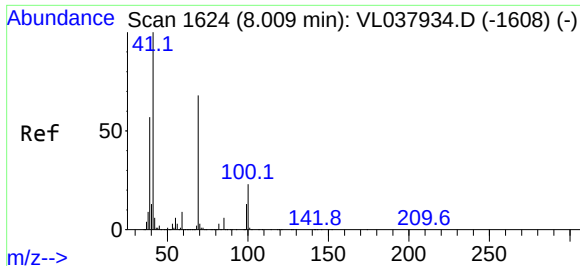
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#42
Bromodichloromethane
Concen: 9.682 ppbv
RT: 7.774 min Scan# 1551
Delta R.T. -0.013 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Tgt Ion: 83 Resp: 2408552
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1
127 8.7 6.1 9.1





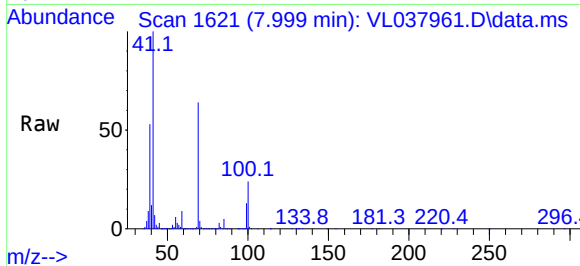
#43
Methyl Methacrylate
Concen: 10.683 ppbv
RT: 7.999 min Scan# 1624
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

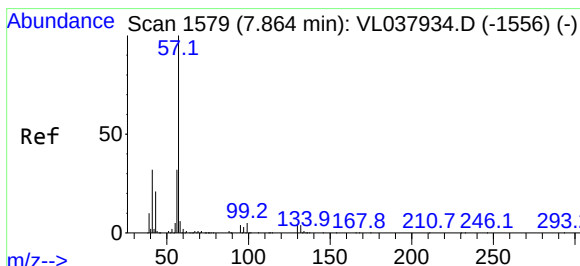
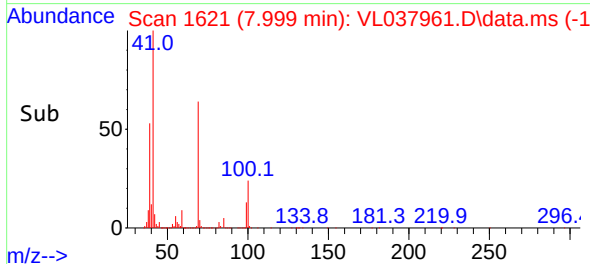
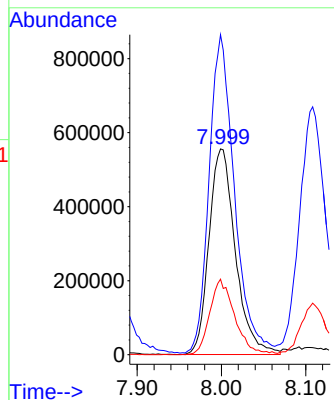


Tgt Ion: 69 Resp: 1213540
Ion Ratio Lower Upper
69 100
41 149.3 117.4 176.2
100 34.6 27.8 41.6

Manual Integrations

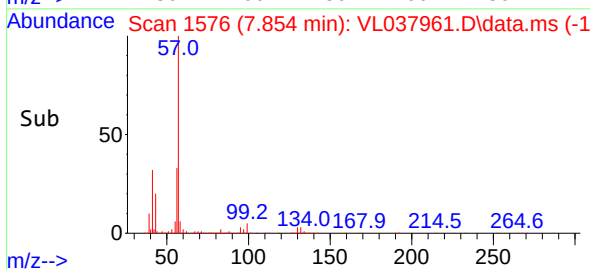
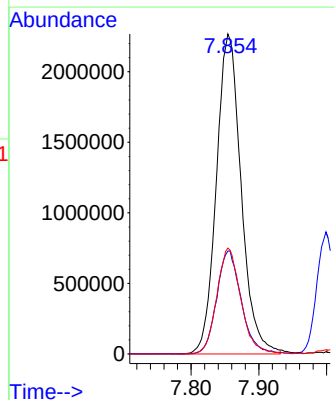
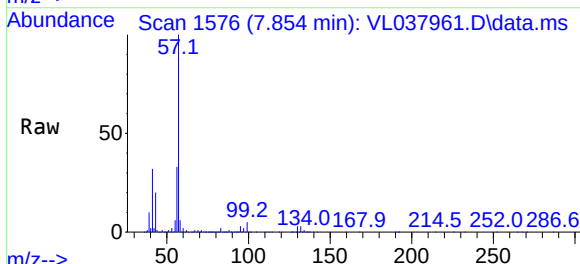
APPROVED

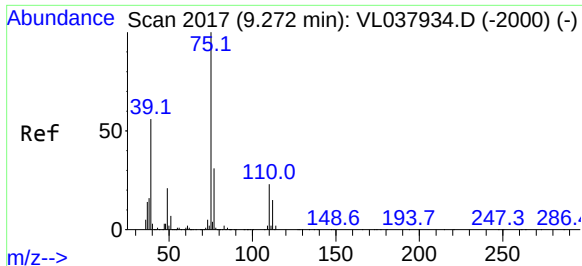
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#44
2,2,4-Trimethylpentane
Concen: 9.777 ppbv
RT: 7.854 min Scan# 1576
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

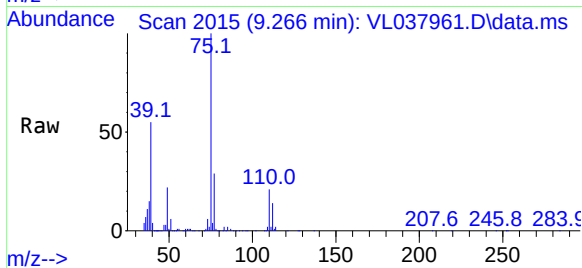
Tgt Ion: 57 Resp: 5755186
Ion Ratio Lower Upper
57 100
41 31.9 25.8 38.8
56 32.2 25.9 38.9





#45
t-1,3-Dichloropropene
Concen: 11.390 ppbv
RT: 9.266 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

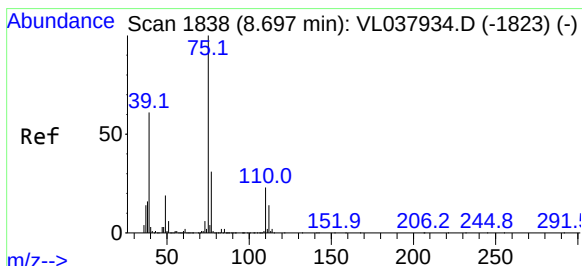
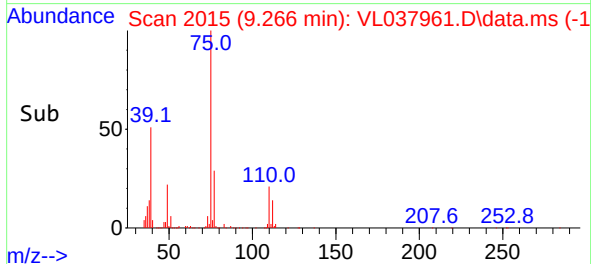
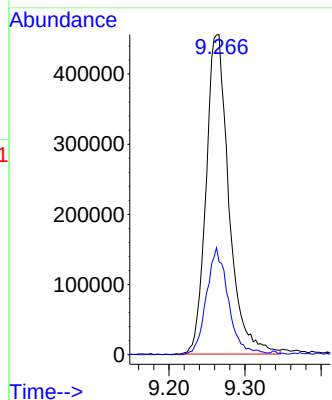
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 75 Resp: 95068
Ion Ratio Lower Upper
75 100
77 29.1 25.2 37.8

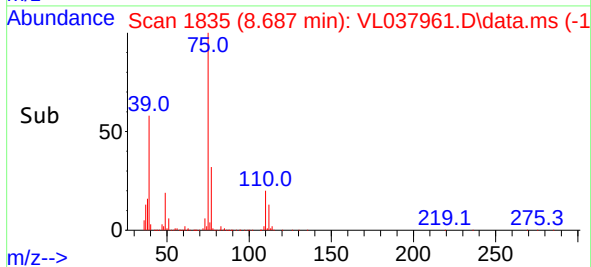
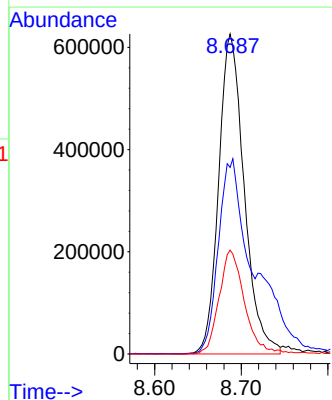
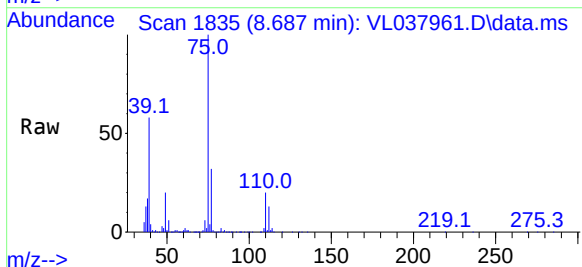
Manual Integrations
APPROVED

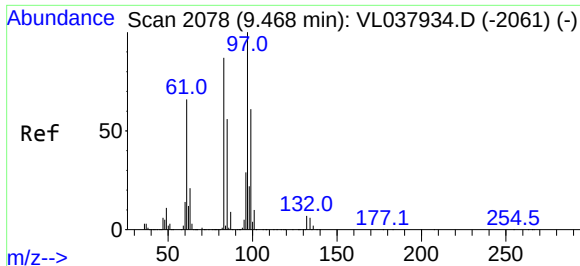
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#46
cis-1,3-Dichloropropene
Concen: 11.157 ppbv
RT: 8.687 min Scan# 1835
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Tgt Ion: 75 Resp: 1280386
Ion Ratio Lower Upper
75 100
39 58.2 48.8 73.2
77 32.5 24.6 36.8





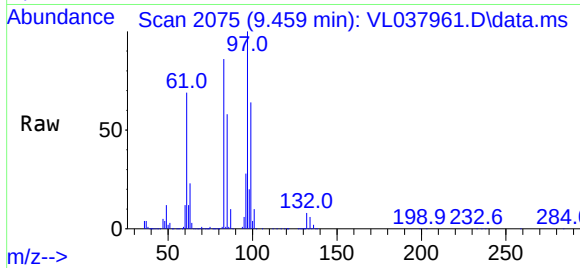
#47
1,1,2-Trichloroethane
Concen: 9.153 ppbv
RT: 9.459 min Scan# 2078
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



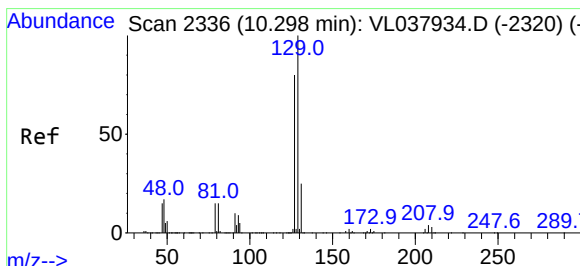
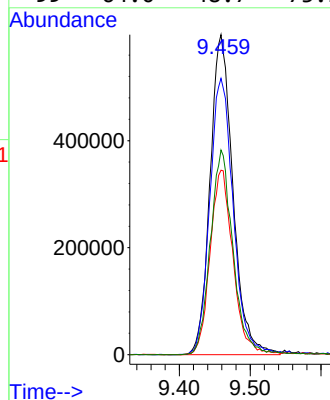
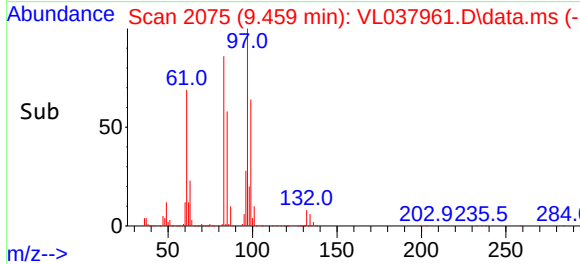
Tgt Ion: 97 Resp: 133915

Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.4	104.2
85	57.6	45.0	67.6
99	64.0	48.7	73.1

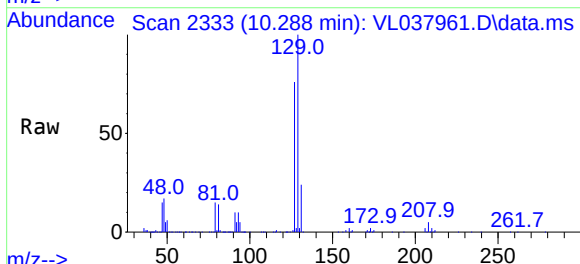
Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

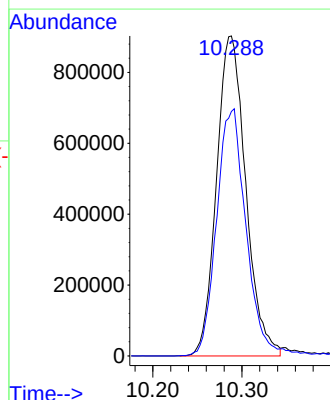
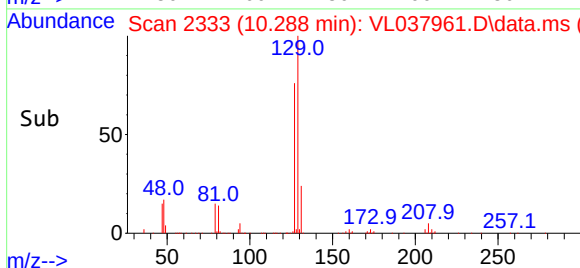


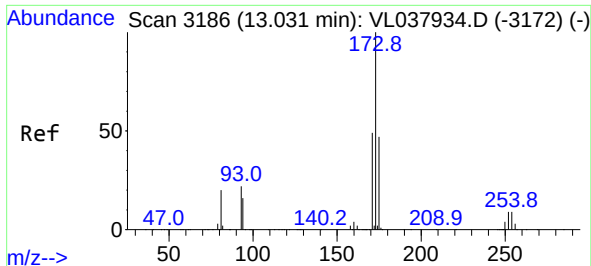
#48
Dibromochloromethane
Concen: 9.942 ppbv
RT: 10.288 min Scan# 2333
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58



Tgt Ion:129 Resp: 2059522

Ion	Ratio	Lower	Upper
129	100		
127	79.3	40.3	120.9





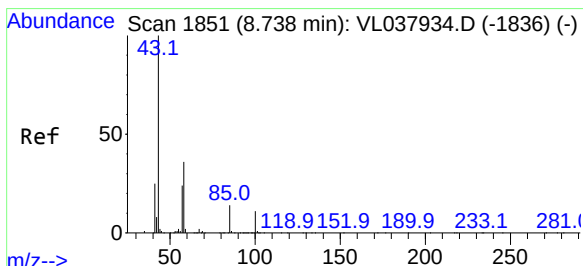
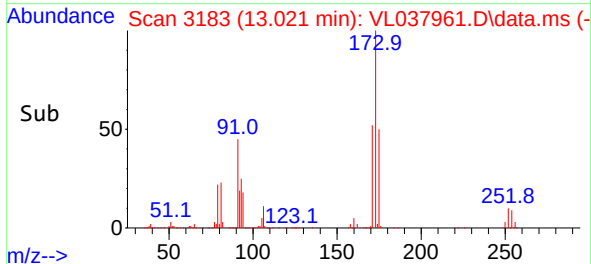
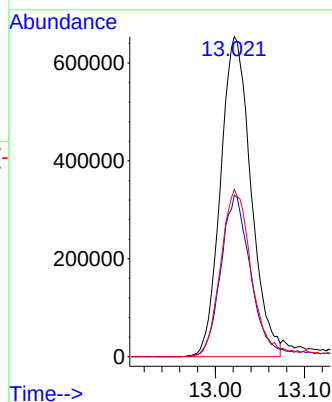
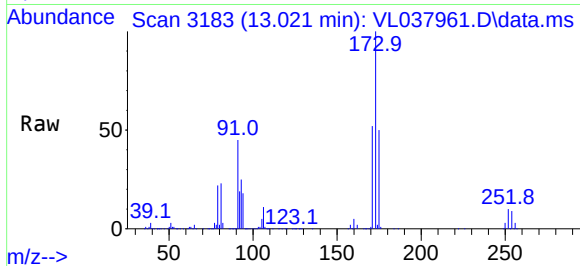
#49
Bromoform
Concen: 9.472 ppbv
RT: 13.021 min Scan# 3186
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 155102
Ion Ratio Lower Upper
173 100
175 52.2 39.5 59.3
171 54.6 43.6 65.4

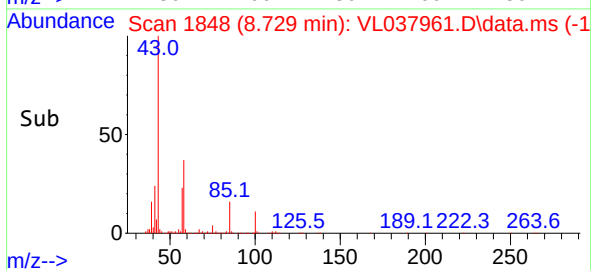
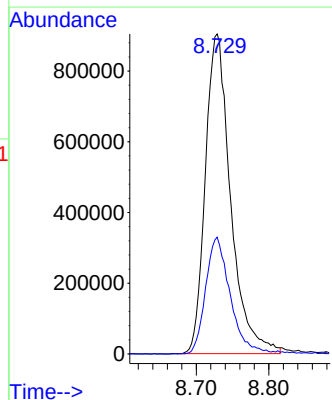
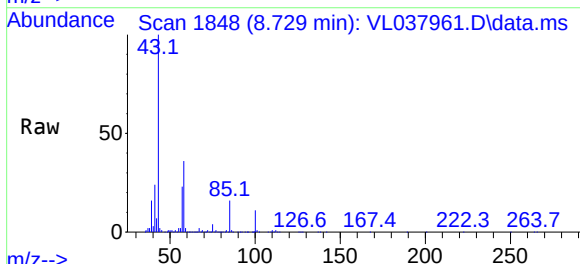
Manual Integrations
APPROVED

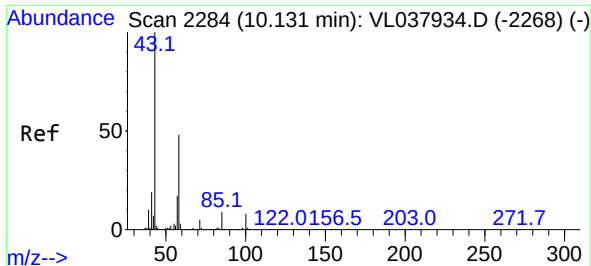
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#50
4-Methyl-2-Pentanone
Concen: 10.597 ppbv
RT: 8.729 min Scan# 1848
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Tgt Ion: 43 Resp: 2192569
Ion Ratio Lower Upper
43 100
58 36.2 28.8 43.2





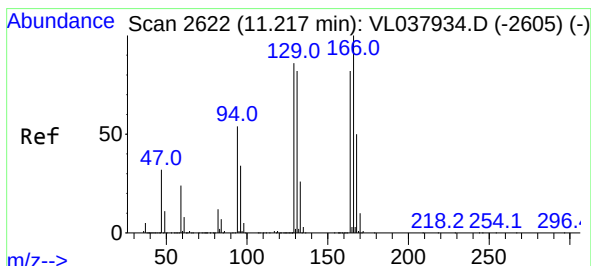
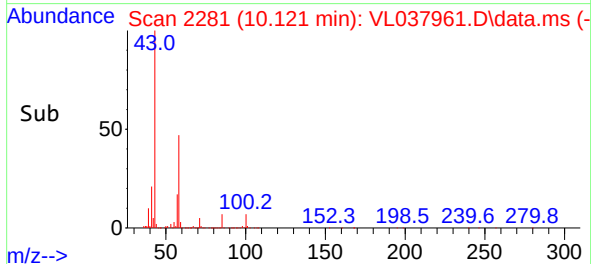
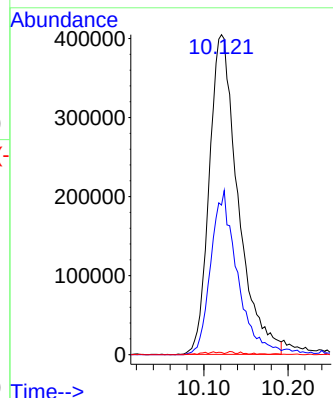
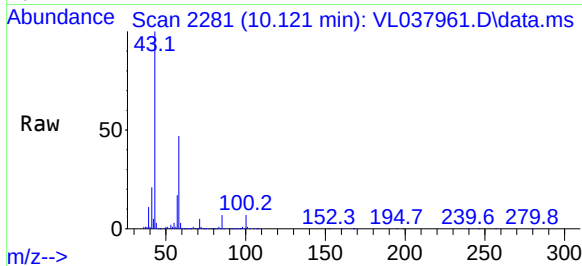
#51
2-Hexanone
Concen: 10.991 ppbv
RT: 10.121 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 958372
Ion Ratio Lower Upper
43 100
58 48.5 38.6 57.8
98 1.0 1.0 1.4

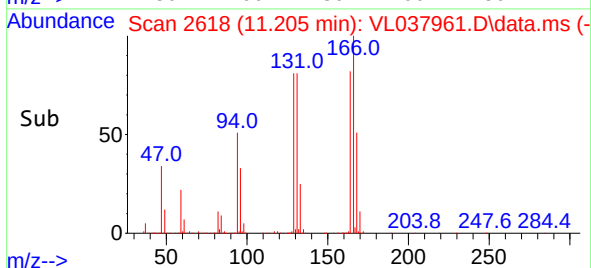
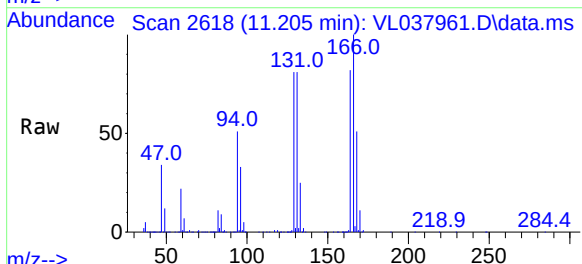
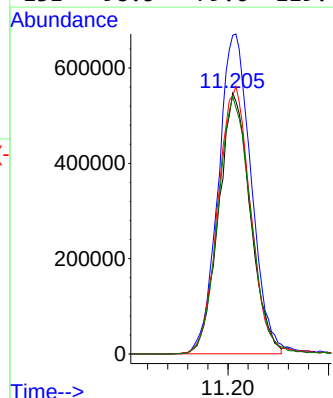
Manual Integrations
APPROVED

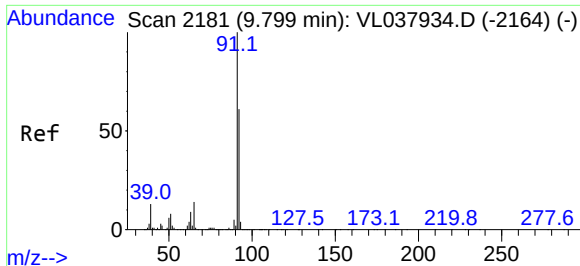
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#52
Tetrachloroethene
Concen: 9.105 ppbv
RT: 11.205 min Scan# 2618
Delta R.T. -0.013 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

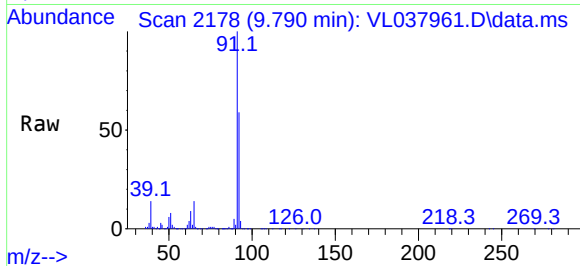
Tgt Ion:164 Resp: 1195369
Ion Ratio Lower Upper
164 100
166 122.2 97.6 146.4
129 98.9 84.2 126.2
131 98.5 79.6 119.4





#53
Toluene
Concen: 10.420 ppbv
RT: 9.790 min Scan# 2181
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

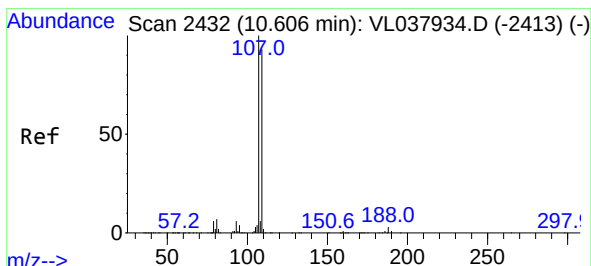
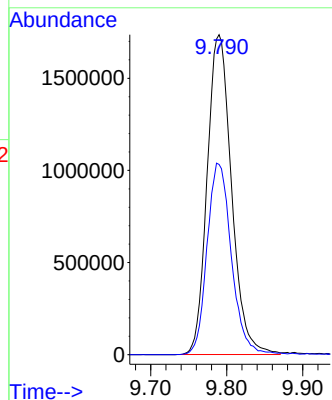
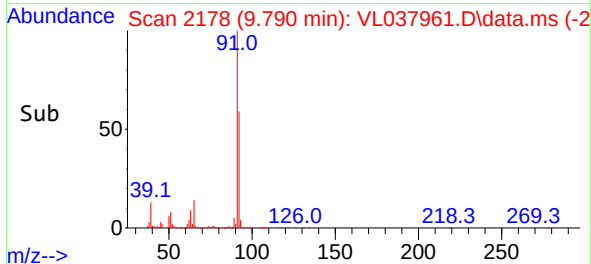
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



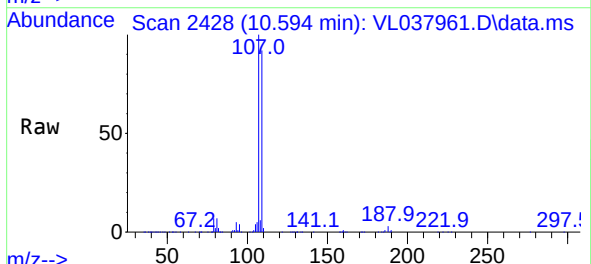
Tgt Ion: 91 Resp: 3866120
Ion Ratio Lower Upper
91 100
92 60.2 48.2 72.4

Manual Integrations
APPROVED

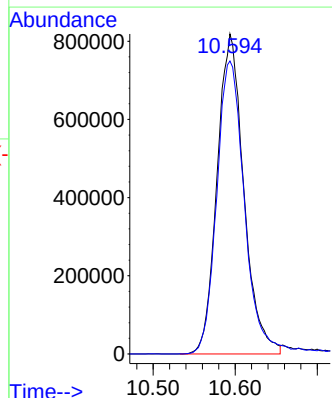
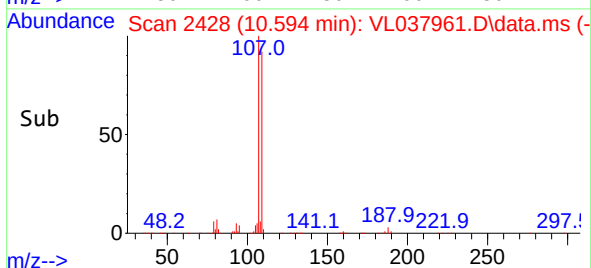
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

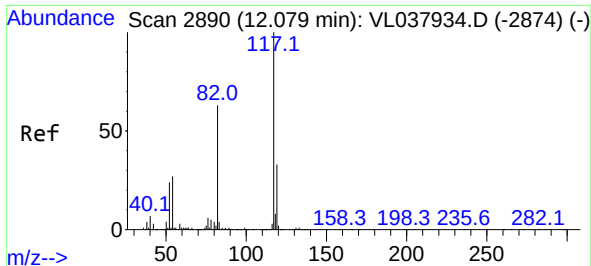


#54
1,2-Dibromoethane
Concen: 9.800 ppbv
RT: 10.594 min Scan# 2428
Delta R.T. -0.013 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58



Tgt Ion:107 Resp: 1849152
Ion Ratio Lower Upper
107 100
109 91.5 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.070 min Scan# 2887
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Instrument :

MSVOA_L

ClientSampleId :

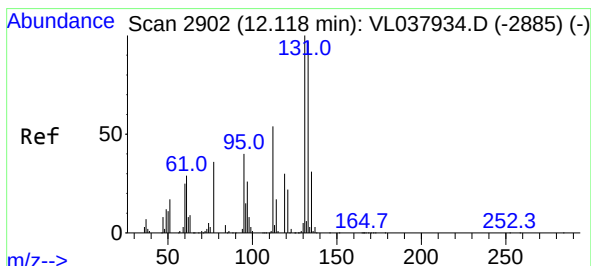
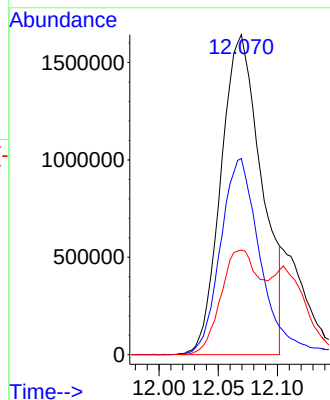
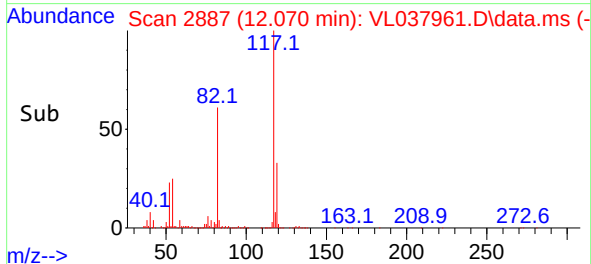
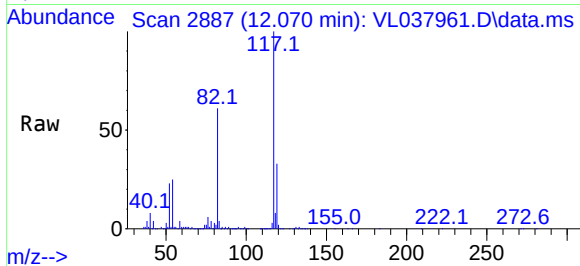
VSTDCCC010EC

Tgt Ion:117 Resp: 3922844
Ion Ratio Lower Upper
117 100
82 62.9 51.0 76.6
119 57.0 26.9 40.3

Manual Integrations

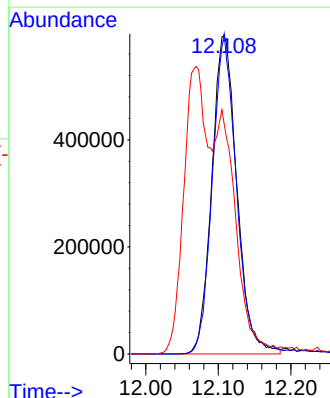
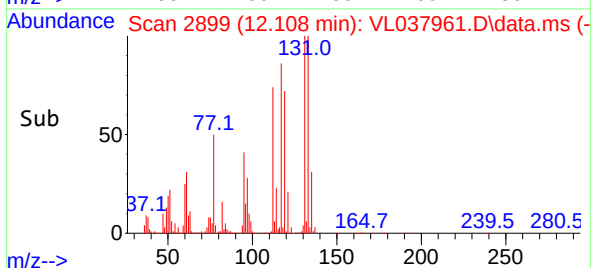
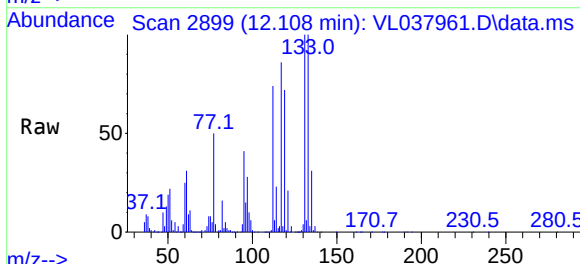
APPROVED

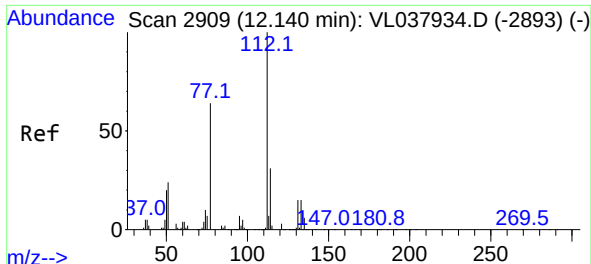
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 9.040 ppbv
RT: 12.108 min Scan# 2899
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

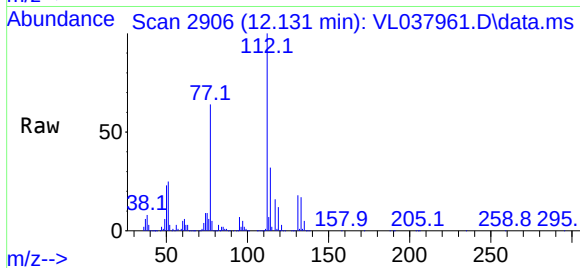
Tgt Ion:131 Resp: 1431743
Ion Ratio Lower Upper
131 100
133 96.4 79.6 119.4
119 63.2 125.4 188.2





#57
Chlorobenzene
Concen: 8.816 ppbv
RT: 12.131 min Scan# 2909
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

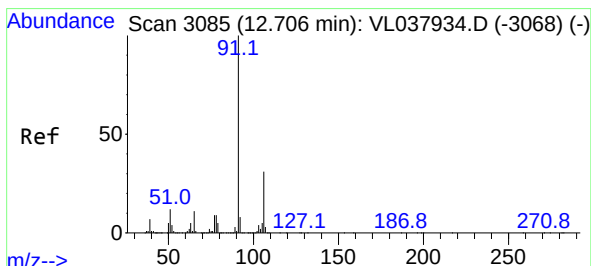
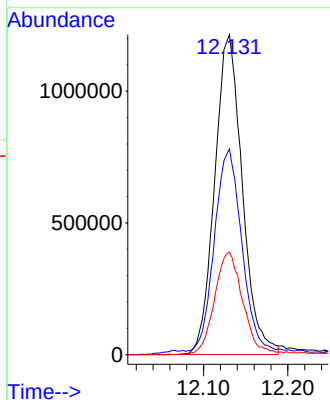
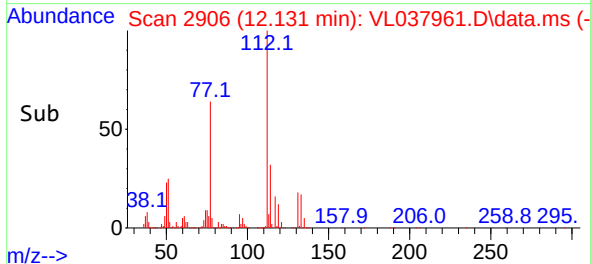
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



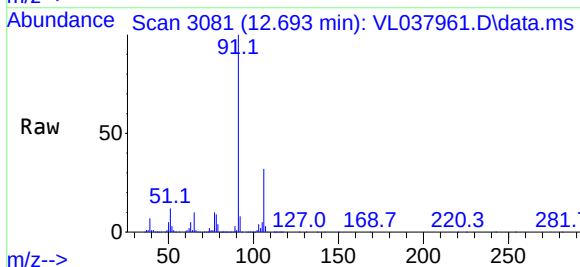
Tgt Ion: 112 Resp: 2760209
Ion Ratio Lower Upper
112 100
77 63.3 51.1 76.7
114 32.0 27.9 34.1

Manual Integrations
APPROVED

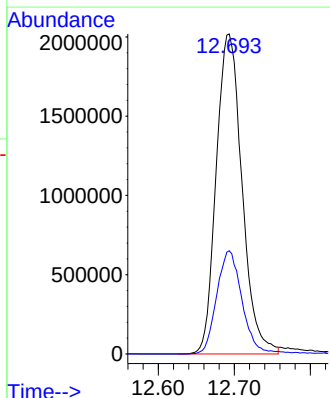
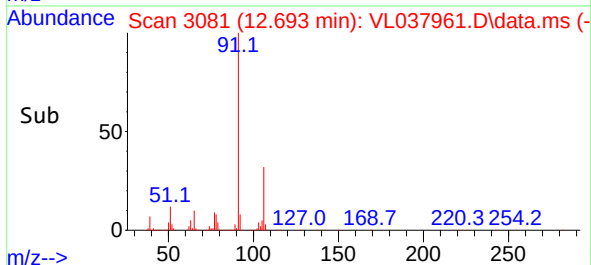
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

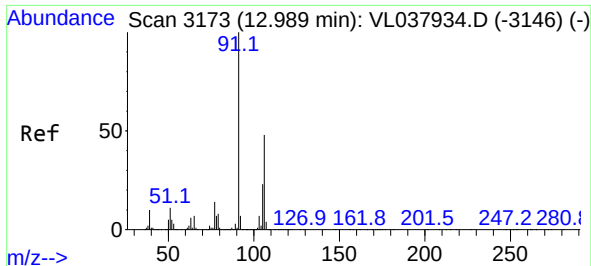


#58
Ethyl Benzene
Concen: 9.906 ppbv
RT: 12.693 min Scan# 3081
Delta R.T. -0.013 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58



Tgt Ion: 91 Resp: 4752111
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7





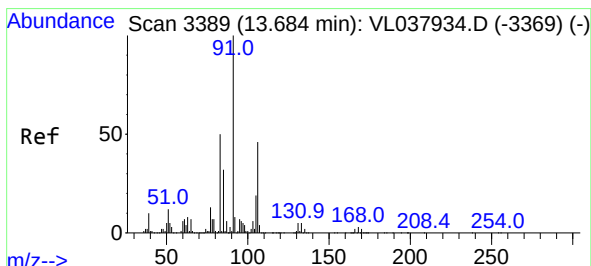
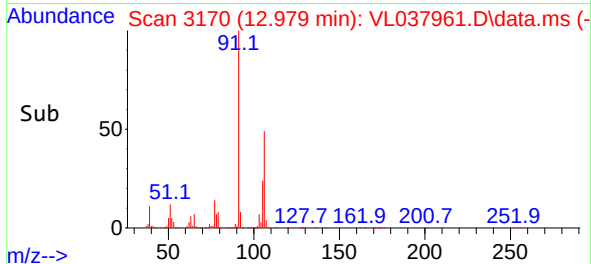
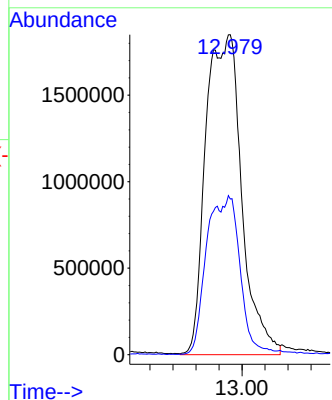
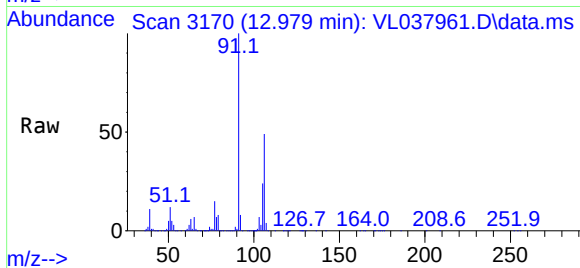
#59
m/p-Xylene
Concen: 18.758 ppbv m
RT: 12.979 min Scan# 3173
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 799832
Ion Ratio Lower Upper
91 100
106 46.8 37.1 55.7

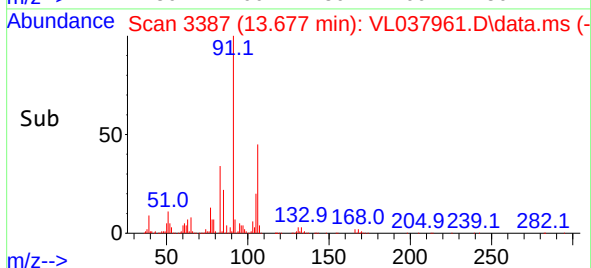
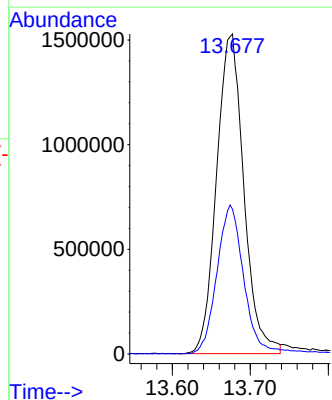
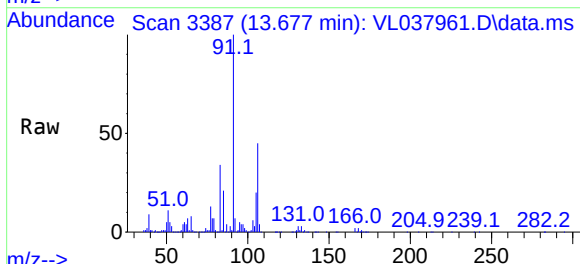
Manual Integrations
APPROVED

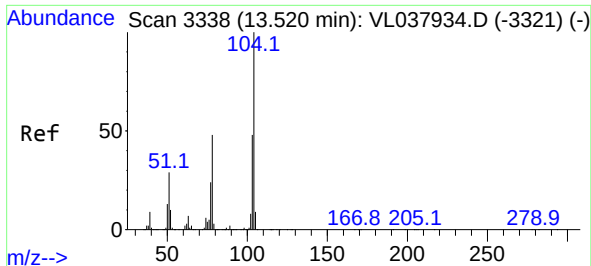
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#60
o-Xylene
Concen: 9.242 ppbv
RT: 13.677 min Scan# 3387
Delta R.T. -0.006 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

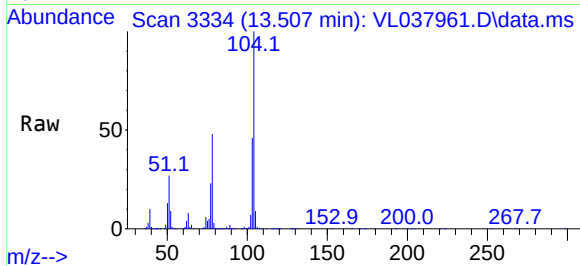
Tgt Ion: 91 Resp: 3715450
Ion Ratio Lower Upper
91 100
106 47.0 23.5 70.6





#61
Styrene
Concen: 11.016 ppbv
RT: 13.507 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

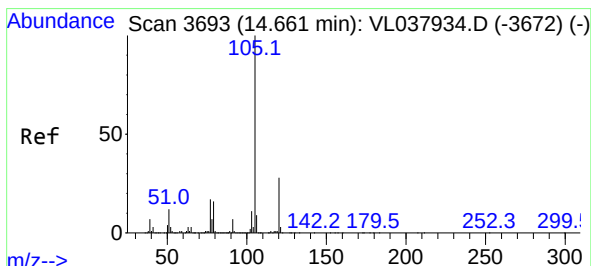
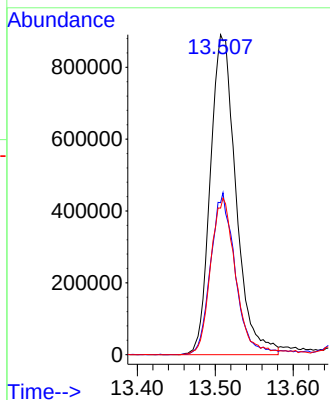
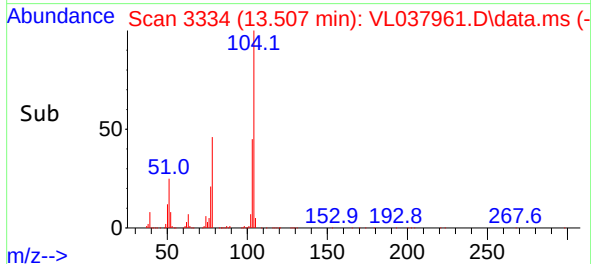
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



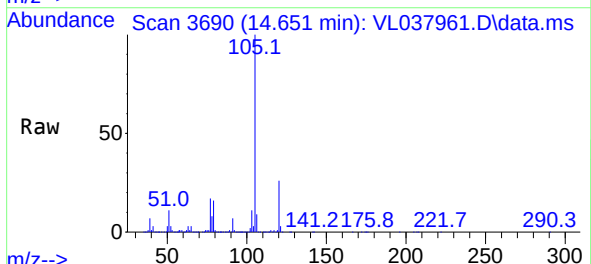
Tgt Ion:104 Resp: 203398
Ion Ratio Lower Upper
104 100
78 49.7 39.3 58.9
103 48.7 39.6 59.4

Manual Integrations
APPROVED

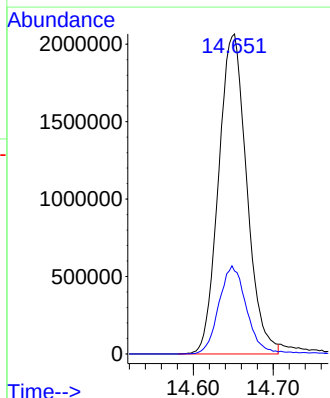
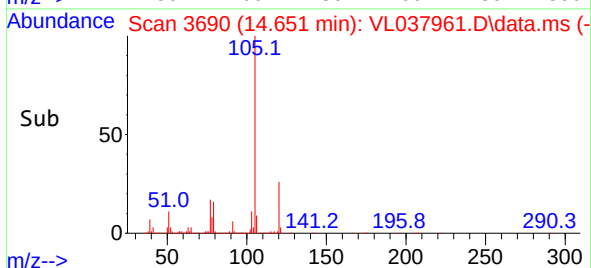
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

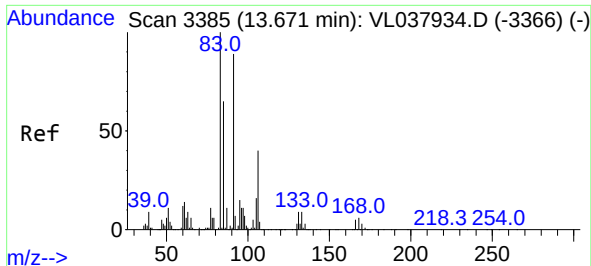


#62
Isopropylbenzene
Concen: 8.857 ppbv
RT: 14.651 min Scan# 3690
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58



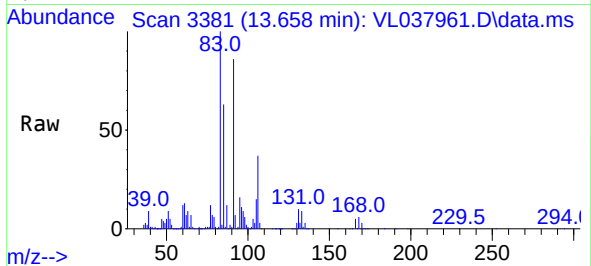
Tgt Ion:105 Resp: 5041965
Ion Ratio Lower Upper
105 100
120 27.5 21.8 32.6





#63
1,1,2,2-Tetrachloroethane
Concen: 7.638 ppbv
RT: 13.658 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

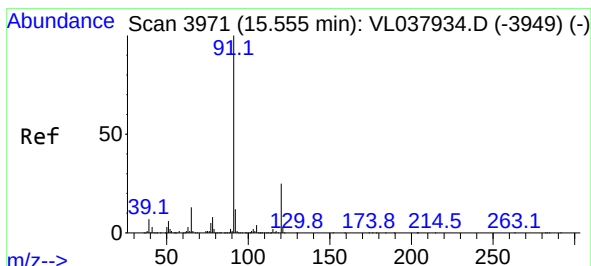
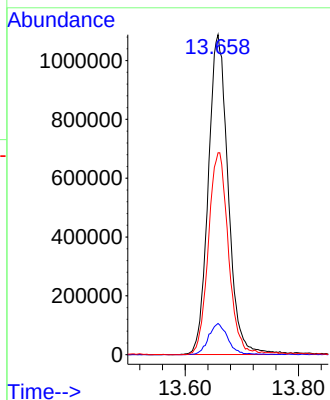
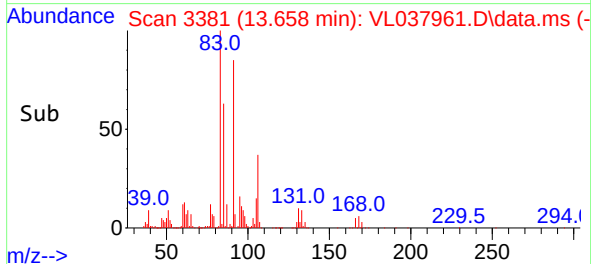
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



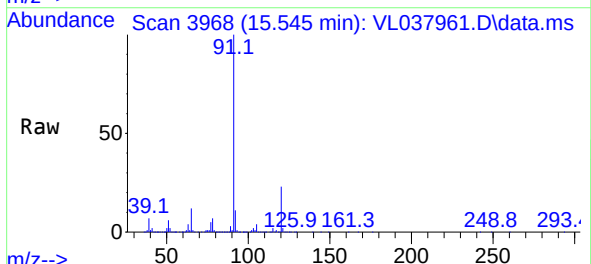
Tgt Ion: 83 Resp: 2642892
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 64.1 32.5 97.5

Manual Integrations
APPROVED

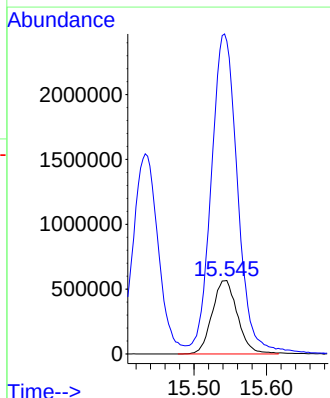
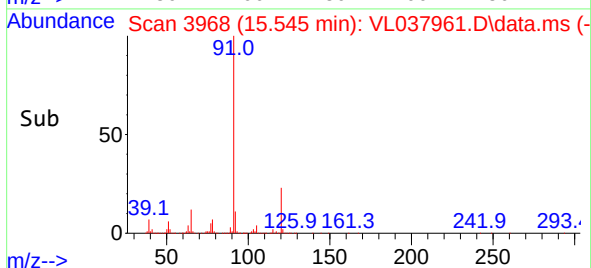
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

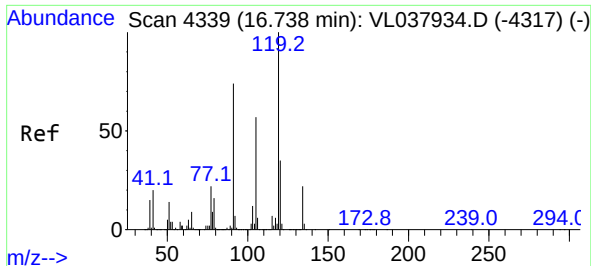


#64
n-propylbenzene
Concen: 9.412 ppbv
RT: 15.545 min Scan# 3968
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58



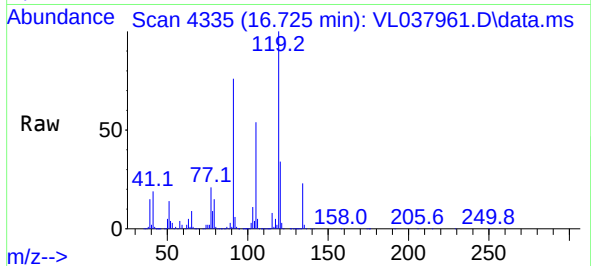
Tgt Ion:120 Resp: 1372805
Ion Ratio Lower Upper
120 100
91 456.9 363.3 544.9





#65
tert-Butylbenzene
Concen: 8.790 ppbv
RT: 16.725 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

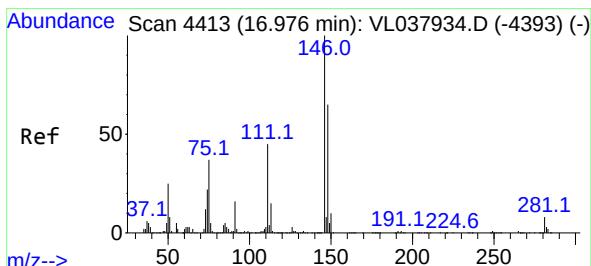
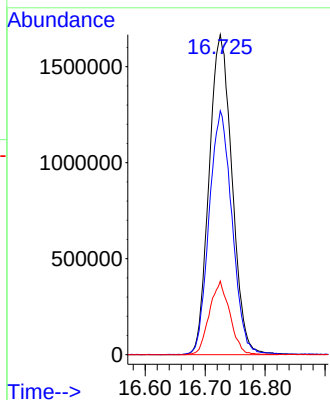
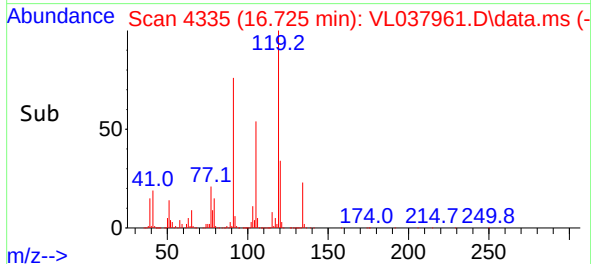
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



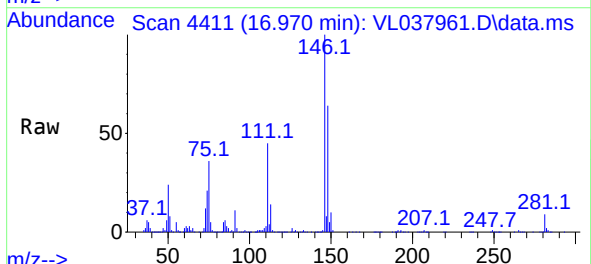
Tgt Ion: 119 Resp: 442188
Ion Ratio Lower Upper
119 100
91 76.3 61.8 92.6
134 20.6 16.6 25.0

Manual Integrations
APPROVED

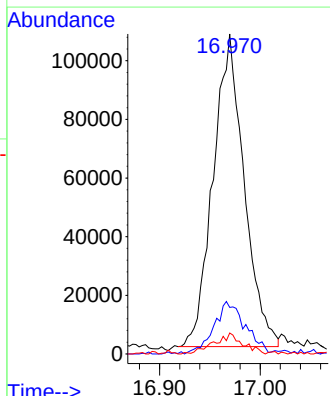
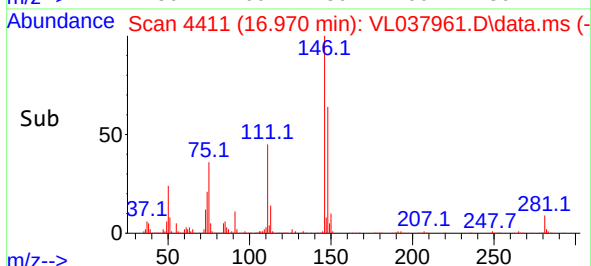
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

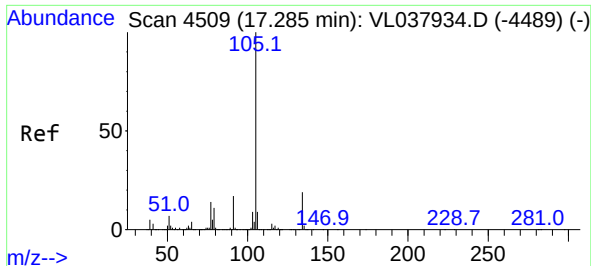


#66
Benzyl Chloride
Concen: 8.684 ppbv
RT: 16.970 min Scan# 4411
Delta R.T. -0.006 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58



Tgt Ion: 91 Resp: 228278
Ion Ratio Lower Upper
91 100
126 17.8 13.8 20.6
128 7.0 5.1 7.7





#67

sec-Butylbenzene

Concen: 8.886 ppbv

RT: 17.275 min Scan# 4509

Delta R.T. -0.010 min

Lab File: VL037961.D

Acq: 2 Nov 2021 5:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 6158810

Ion Ratio Lower Upper

105 100

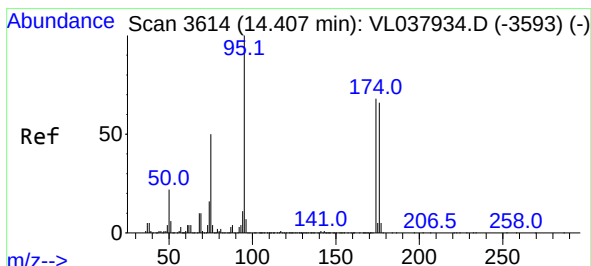
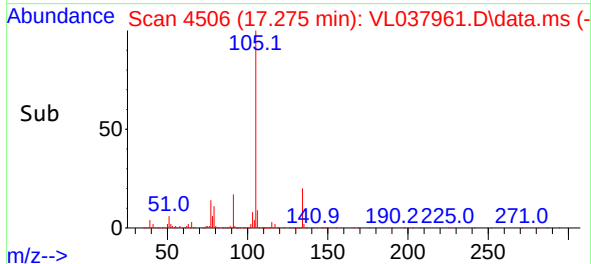
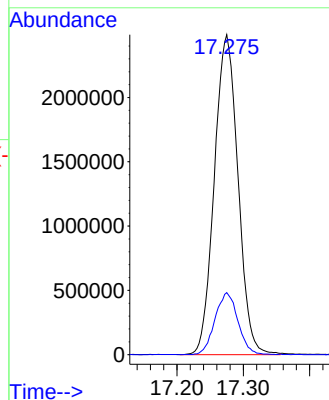
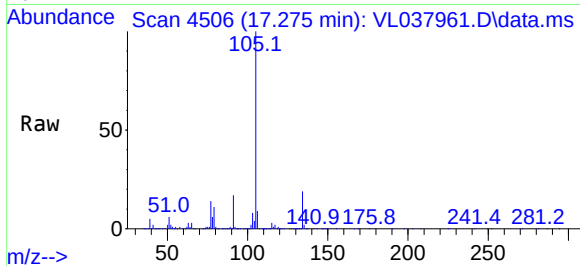
134 19.0 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.304 ppbv

RT: 14.394 min Scan# 3610

Delta R.T. -0.013 min

Lab File: VL037961.D

Acq: 2 Nov 2021 5:58

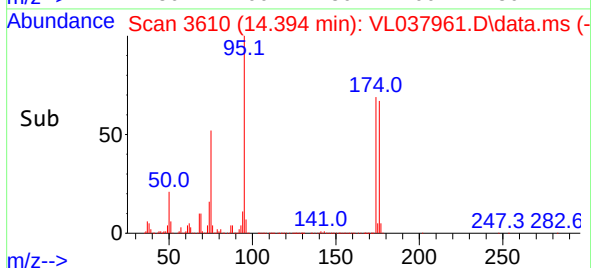
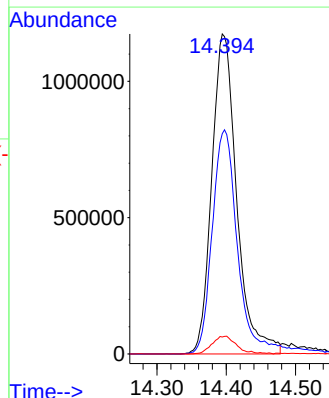
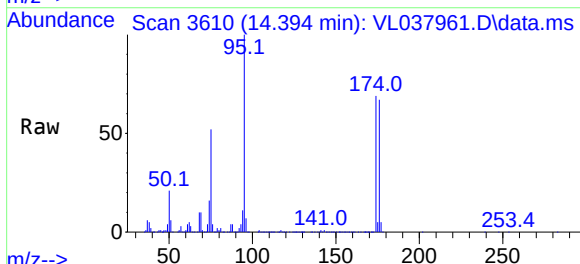
Tgt Ion: 95 Resp: 2938097

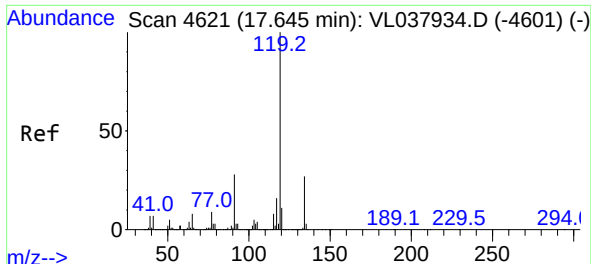
Ion Ratio Lower Upper

95 100

174 73.2 58.3 87.5

175 5.7 4.6 6.8





#69

p-Isopropyltoluene

Concen: 9.246 ppbv

RT: 17.632 min Scan# 4617

Delta R.T. -0.013 min

Lab File: VL037961.D

Acq: 2 Nov 2021 5:58

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 5140309

Ion Ratio Lower Upper

119 100

134 26.2 21.0 31.4

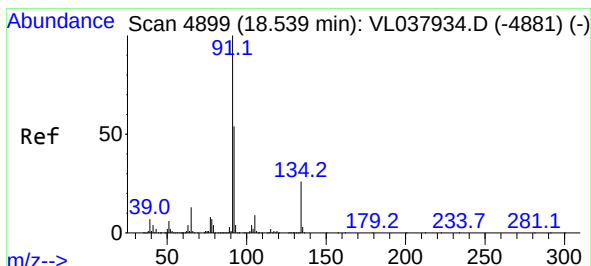
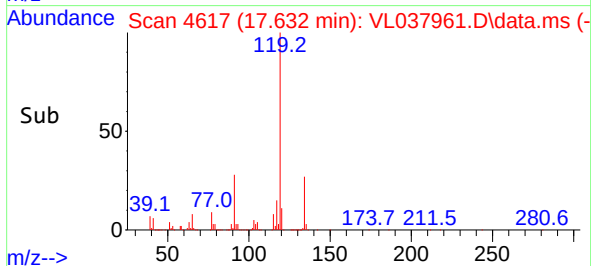
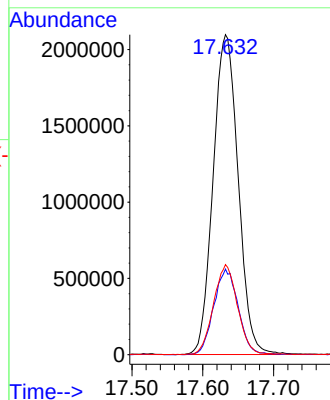
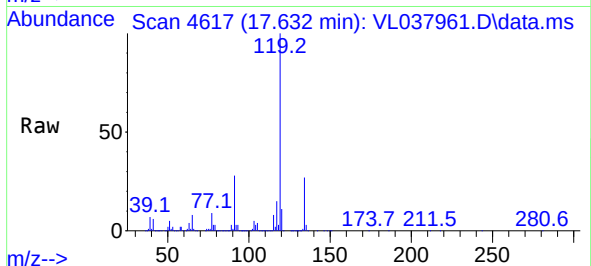
91 27.1 21.8 32.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#70

n-Butylbenzene

Concen: 9.902 ppbv

RT: 18.529 min Scan# 4896

Delta R.T. -0.010 min

Lab File: VL037961.D

Acq: 2 Nov 2021 5:58

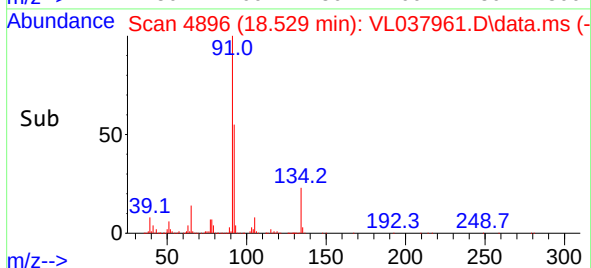
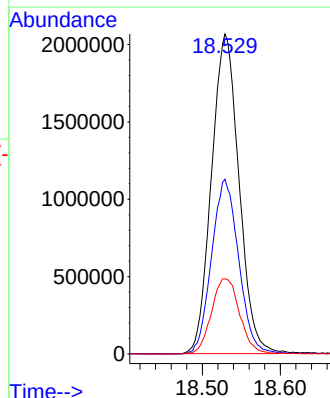
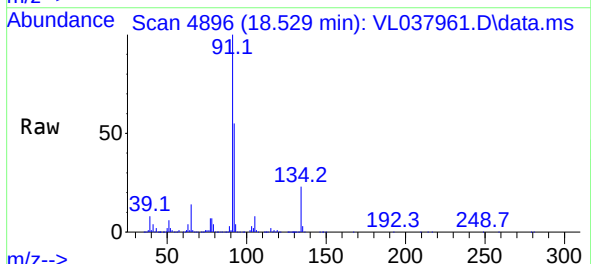
Tgt Ion: 91 Resp: 5058356

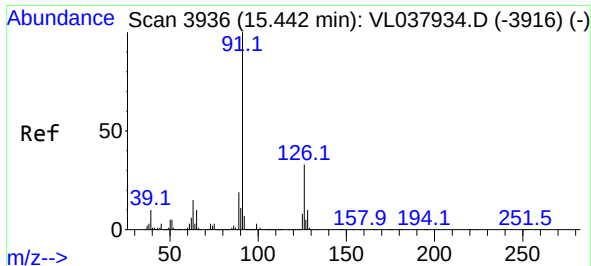
Ion Ratio Lower Upper

91 100

92 54.2 43.6 65.4

134 24.3 19.8 29.6





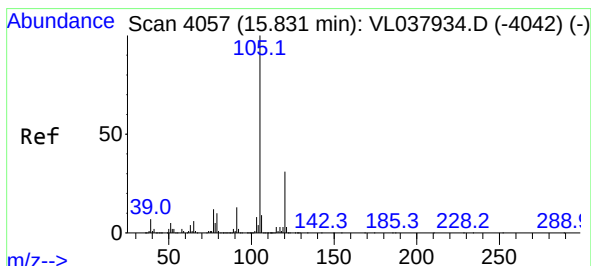
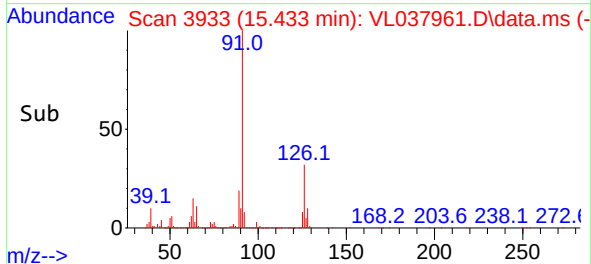
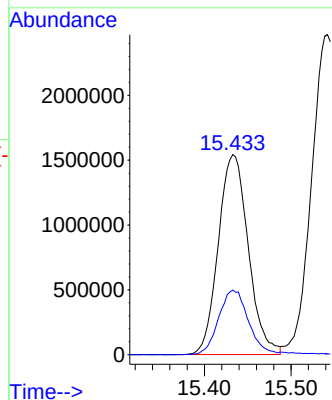
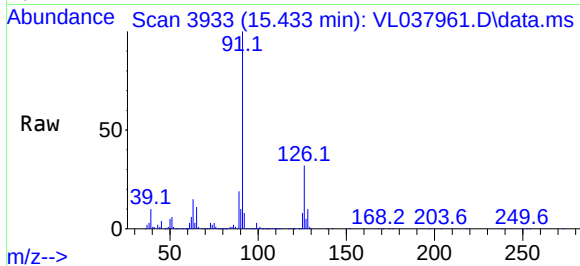
#71
2-Chlorotoluene
Concen: 9.307 ppbv
RT: 15.433 min Scan# 3916
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 371206
Ion Ratio Lower Upper
91 100
126 33.3 13.3 53.3

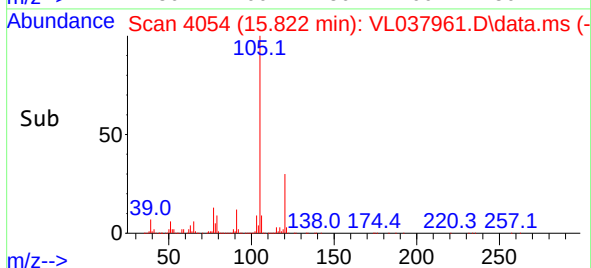
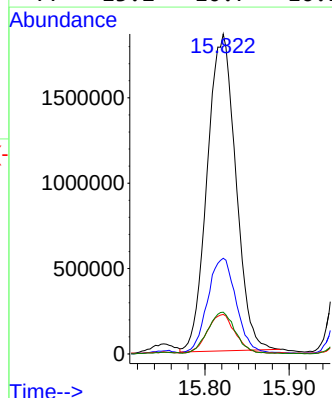
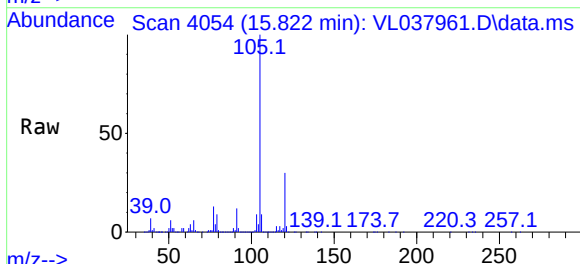
Manual Integrations
APPROVED

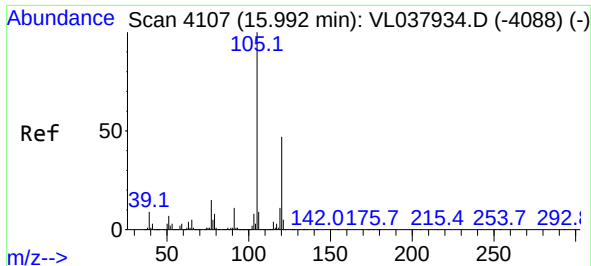
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#72
4-Ethyltoluene
Concen: 9.465 ppbv
RT: 15.822 min Scan# 4054
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

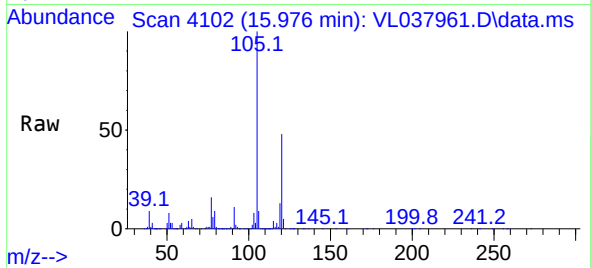
Tgt Ion:105 Resp: 4359025
Ion Ratio Lower Upper
105 100
120 30.9 25.3 37.9
91 13.1 9.9 14.9
77 13.2 10.7 16.1





#73
1,3,5-Trimethylbenzene
Concen: 8.980 ppbv
RT: 15.976 min Scan# 4107
Delta R.T. -0.016 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

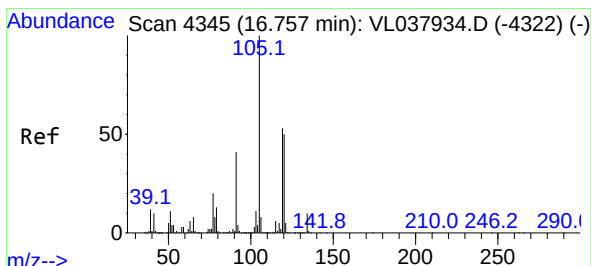
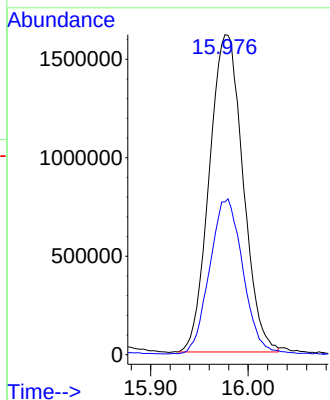
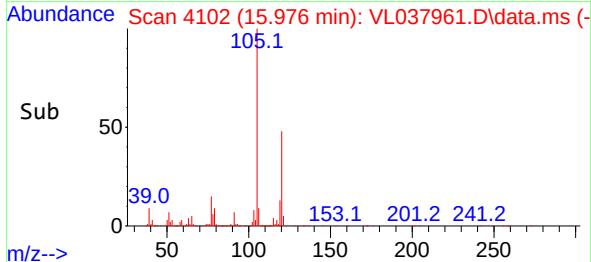
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



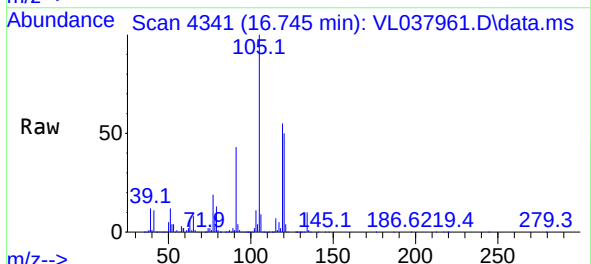
Tgt Ion:105 Resp: 387310
Ion Ratio Lower Upper
105 100
120 47.9 37.9 56.9

Manual Integrations
APPROVED

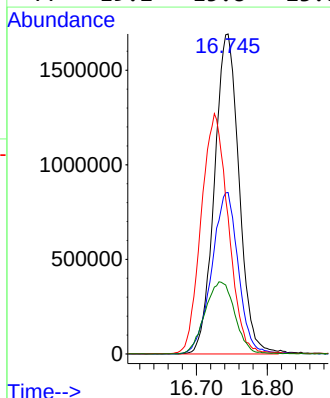
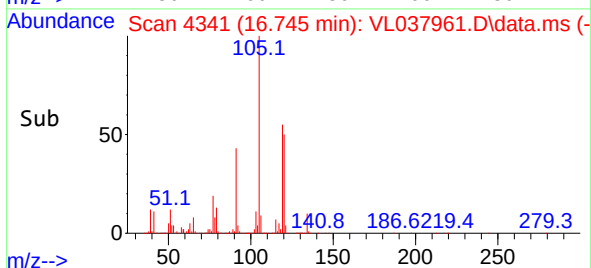
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

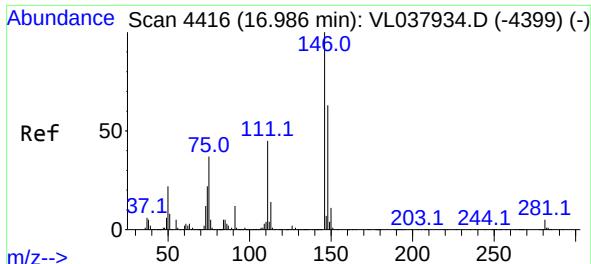


#74
1,2,4-Trimethylbenzene
Concen: 9.039 ppbv
RT: 16.745 min Scan# 4341
Delta R.T. -0.013 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58



Tgt Ion:105 Resp: 4084175
Ion Ratio Lower Upper
105 100
120 50.3 40.0 60.0
91 42.5 32.6 49.0
77 19.2 15.8 23.8





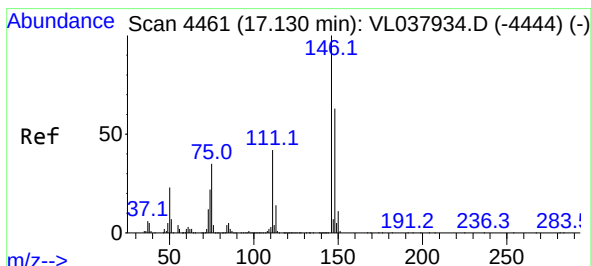
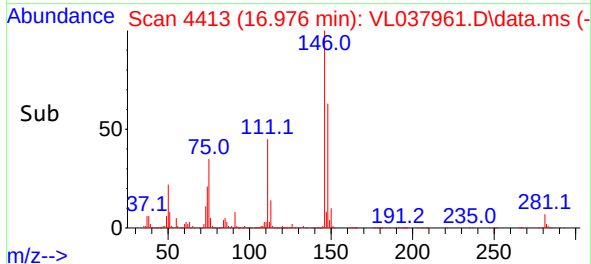
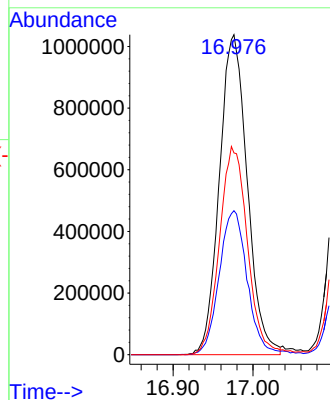
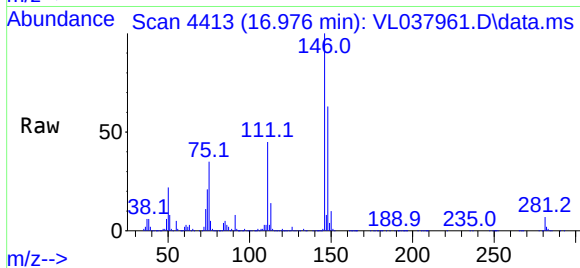
#75
1,3-Dichlorobenzene
Concen: 8.936 ppbv
RT: 16.976 min Scan# 4416
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 2513828
Ion Ratio Lower Upper
146 100
111 45.6 22.7 68.1
148 65.5 32.4 97.0

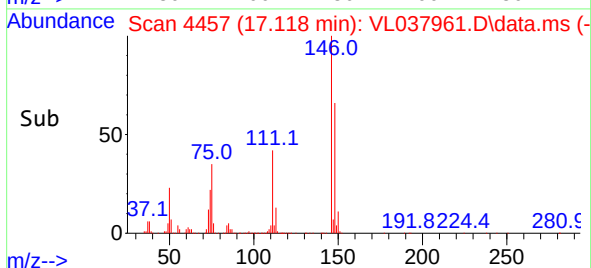
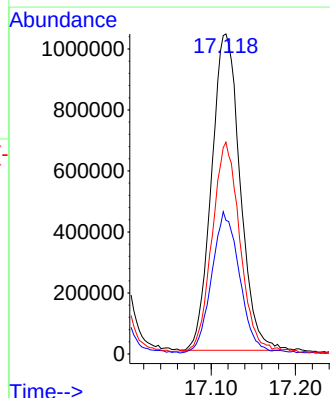
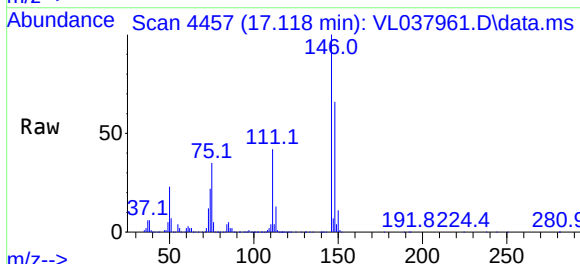
Manual Integrations
APPROVED

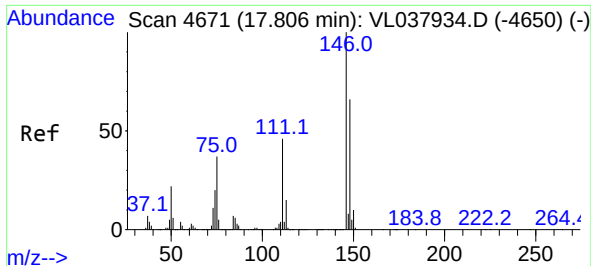
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#76
1,4-Dichlorobenzene
Concen: 8.974 ppbv
RT: 17.118 min Scan# 4457
Delta R.T. -0.013 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

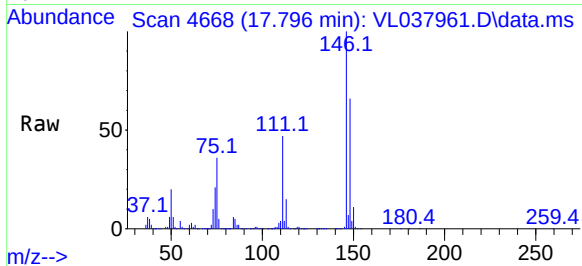
Tgt Ion:146 Resp: 2442877
Ion Ratio Lower Upper
146 100
111 45.2 22.7 68.1
148 67.0 33.5 100.4





#77
1,2-Dichlorobenzene
Concen: 9.089 ppbv
RT: 17.796 min Scan# 4668
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

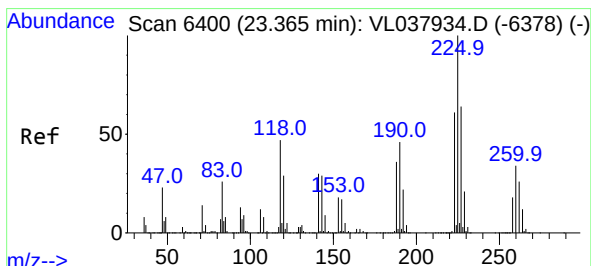
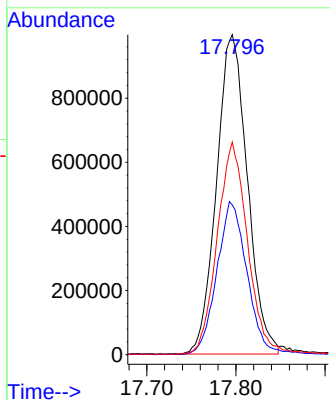
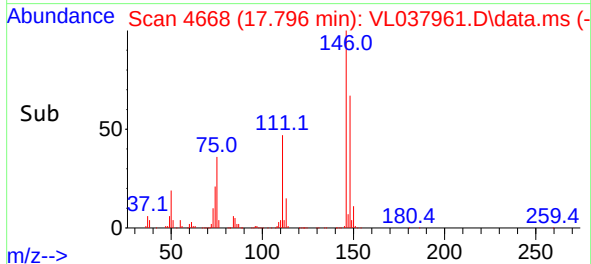
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



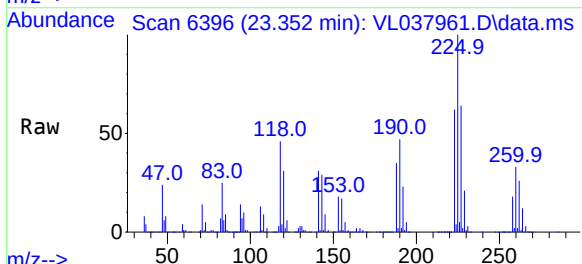
Tgt Ion:146 Resp: 240087
Ion Ratio Lower Upper
146 100
111 47.1 23.4 70.2
148 66.4 32.6 97.7

Manual Integrations
APPROVED

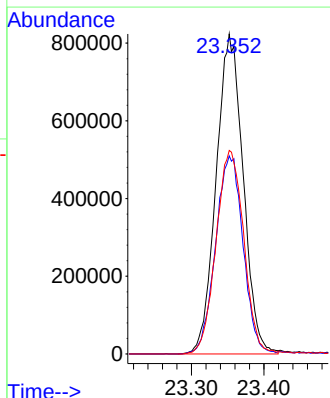
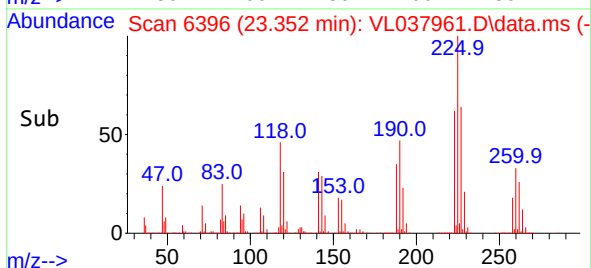
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

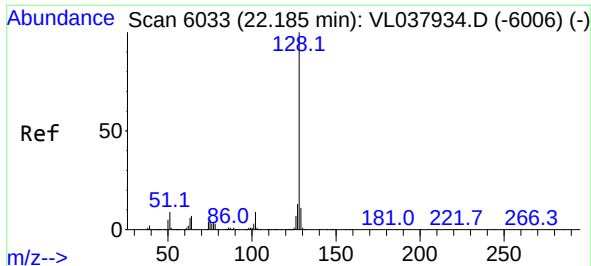


#78
Hexachloro-1,3-Butadiene
Concen: 9.405 ppbv
RT: 23.352 min Scan# 6396
Delta R.T. -0.013 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58



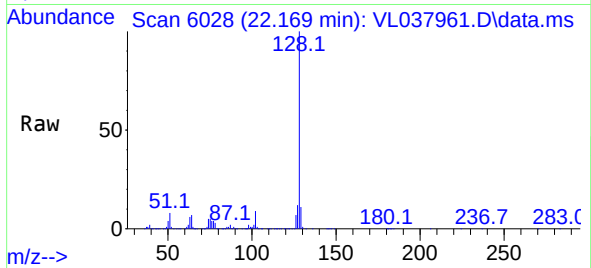
Tgt Ion:225 Resp: 2126495
Ion Ratio Lower Upper
225 100
223 63.7 50.0 75.0
227 66.1 51.5 77.3





#79
Naphthalene
Concen: 15.024 ppbv
RT: 22.169 min Scan# 6033
Delta R.T. -0.016 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

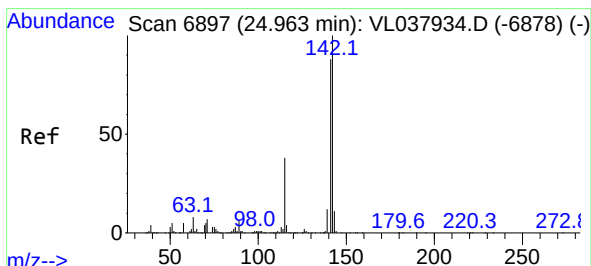
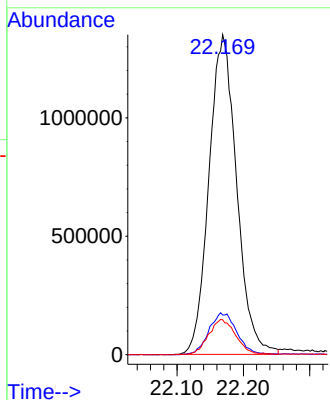
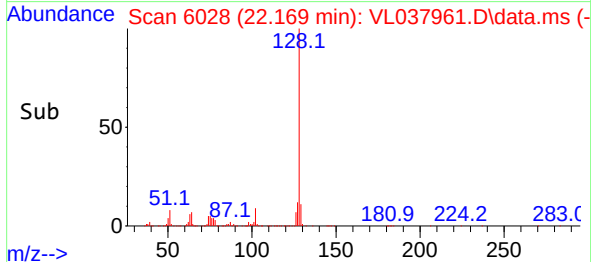
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 3911190
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.2
129 10.8 9.0 13.4

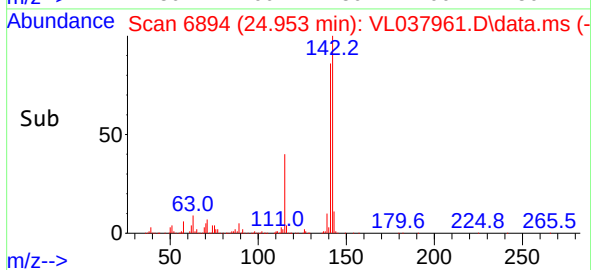
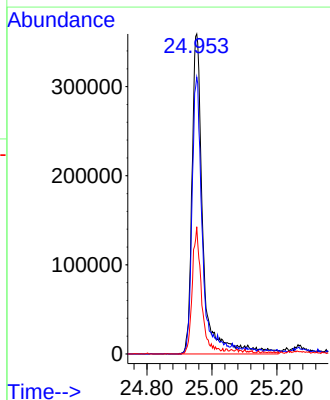
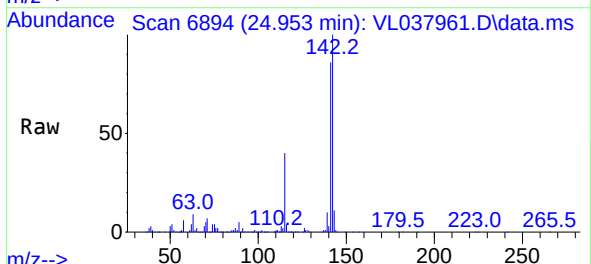
Manual Integrations
APPROVED

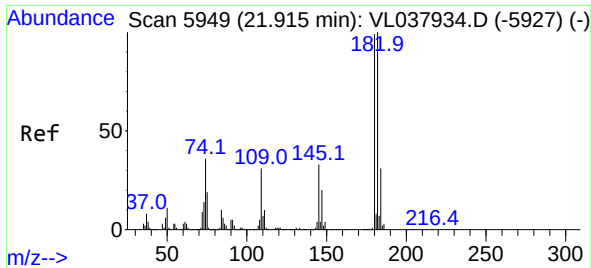
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#80
Naphthalene,2-methyl-
Concen: 16.838 ppbv
RT: 24.953 min Scan# 6894
Delta R.T. -0.010 min
Lab File: VL037961.D
Acq: 2 Nov 2021 5:58

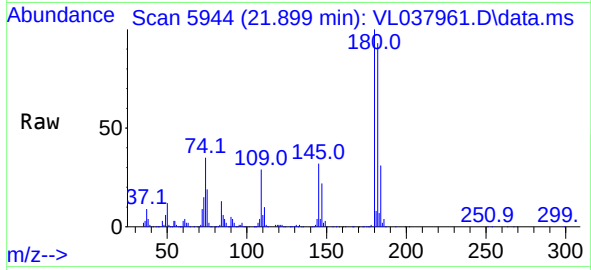
Tgt Ion:142 Resp: 853319
Ion Ratio Lower Upper
142 100
141 83.3 66.4 99.6
115 33.6 29.0 43.4





#81
 1,2,4-Trichlorobenzene
 Concen: 12.845 ppbv
 RT: 21.899 min Scan# 5944
 Delta R.T. -0.016 min
 Lab File: VL037961.D
 Acq: 2 Nov 2021 5:58

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 2176510

Ion	Ratio	Lower	Upper
180	100		
182	97.1	79.3	118.9
184	30.9	25.3	37.9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021

