

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031422\
 Data File : VL038607.D
 Acq On : 15 Mar 2022 9:43
 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 03/15/2022
 Supervised By : Mahesh Dadoda 03/18/2022

Quant Time: Mar 15 10:49:46 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 15 10:49:46 2022

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.649	49	832354	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.153	114	2202639	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.060	117	2186139m	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.388 95 1597876 9.614 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.044	85	1378181	10.962	ppbv	99
3) Chlorodifluoromethane	2.983	51	1452329	9.895	ppbv	100
4) Chloromethane	3.134	50	569018	10.459	ppbv	97
5) Vinyl Chloride	3.250	62	556075	10.183	ppbv	99
6) Bromomethane	3.465	94	296313	10.109	ppbv	99
7) Chloroethane	3.549	64	187219	10.588	ppbv	95
8) Dichlorotetrafluoroethane	3.179	85	1316701	10.804	ppbv	100
9) Propene	3.002	41	503196	9.716	ppbv	98
10) Heptane	8.099	43	1336009	10.784	ppbv	98
11) Trichlorofluoromethane	3.941	101	1166979	10.587	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.472	101	919665	10.731	ppbv	99
13) Ethanol	3.597	45	41980	7.057	ppbv	92
14) Bromoethene	3.729	108	413732	11.330	ppbv	100
15) Acetone	3.835	43	608266	10.360	ppbv	97
16) 1,3-Butadiene	3.317	39	495863	10.511	ppbv	96
17) tert-Butyl alcohol	4.269	59	741935	11.631	ppbv	99
18) 1,1-Dichloroethene	4.276	96	408276	10.645	ppbv	98
19) Isopropyl Alcohol	3.948	45	419596	10.703	ppbv	100
20) Methylene Chloride	4.330	84	337730	9.559	ppbv	99
21) Allyl Chloride	4.398	41	591924	10.461	ppbv	99
22) trans-1,2-Dichloroethene	4.874	96	438102	10.896	ppbv	97
23) Vinyl Acetate	5.054	43	902839	10.728	ppbv	99
24) 1,1-Dichloroethane	4.996	63	805617	10.525	ppbv	100
25) Ethyl Acetate	5.658	43	2103144	10.637	ppbv	100
26) Hexane	5.668	57	975832	10.509	ppbv	99
27) Carbon Disulfide	4.536	76	1090534	11.792	ppbv	98
28) Methyl tert-Butyl Ether	5.018	73	803317	10.630	ppbv	99
29) Chloroform	5.735	83	1528511	10.578	ppbv	98
30) Cyclohexane	7.108	84	875233	10.899	ppbv	95
31) cis-1,2-Dichloroethene	5.530	61	928859	10.457	ppbv	98
32) 1,1,1-Trichloroethane	6.491	97	1466048	10.462	ppbv	99
34) 2-Butanone	5.224	43	654415	11.462	ppbv	98
35) Carbon Tetrachloride	6.996	117	1552655	10.334	ppbv	98
36) Benzene	6.870	78	2117017	10.651	ppbv	99
37) 1,2-Dichloroethane	6.288	62	1019475	10.733	ppbv	100
38) Trichloroethene	7.812	130	821771	10.350	ppbv	99
39) 1,2-Dichloropropane	7.591	63	821997	10.753	ppbv	99
40) 1,4-Dioxane	7.812	88	212541	11.109	ppbv	88
41) Tetrahydrofuran	6.028	42	501068	10.728	ppbv	99
42) Bromodichloromethane	7.771	83	1642773	10.907	ppbv	100
43) Methyl Methacrylate	7.992	69	766930	11.241	ppbv	96
44) 2,2,4-Trimethylpentane	7.845	57	3468575	10.321	ppbv	100
45) t-1,3-Dichloropropene	9.253	75	618569	12.580	ppbv	96

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Quant Time: Mar 15 10:49:46 2022

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

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

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

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.677	75	819378	12.187	ppbv	96
47) 1,1,2-Trichloroethane	9.452	97	884677	11.355	ppbv	97
48) Dibromochloromethane	10.279	129	1500851	12.133	ppbv	100
49) Bromoform	13.015	173	1301698	13.738	ppbv	100
50) 4-Methyl-2-Pentanone	8.719	43	1446312	12.358	ppbv	100
51) 2-Hexanone	10.111	43	663928	13.424	ppbv #	100
52) Tetrachloroethene	11.198	164	772761	10.607	ppbv	99
53) Toluene	9.780	91	2418824	11.400	ppbv	99
54) 1,2-Dibromoethane	10.587	107	1282690	11.522	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.098	131	976451	10.966	ppbv	100
57) Chlorobenzene	12.121	112	1763765	10.567	ppbv	97
58) Ethyl Benzene	12.684	91	3156502	11.152	ppbv	98
59) m/p-Xylene	12.970	91	5192551m	21.428	ppbv	
60) o-Xylene	13.667	91	2483938	10.856	ppbv	98
61) Styrene	13.503	104	1373717	12.183	ppbv	99
62) Isopropylbenzene	14.642	105	3529151	11.178	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.648	83	1985410	10.269	ppbv	100
64) n-propylbenzene	15.532	120	949007	11.794	ppbv	96
65) tert-Butylbenzene	16.719	119	3131287	11.090	ppbv	99
66) Benzyl Chloride	16.960	91	179139	10.708	ppbv	97
67) sec-Butylbenzene	17.269	105	4449444	11.088	ppbv	99
69) p-Isopropyltoluene	17.629	119	3656922	11.000	ppbv	99
70) n-Butylbenzene	18.523	91	3757428	10.612	ppbv	100
71) 2-Chlorotoluene	15.426	91	2637440	11.251	ppbv	98
72) 4-Ethyltoluene	15.812	105	3118582	11.865	ppbv	99
73) 1,3,5-Trimethylbenzene	15.973	105	2719883	11.147	ppbv	100
74) 1,2,4-Trimethylbenzene	16.738	105	2834013	10.873	ppbv	96
75) 1,3-Dichlorobenzene	16.970	146	1811918	11.018	ppbv	100
76) 1,4-Dichlorobenzene	17.111	146	1753692	10.766	ppbv	99
77) 1,2-Dichlorobenzene	17.789	146	1748231	10.508	ppbv	99
78) Hexachloro-1,3-Butadiene	23.349	225	1200909	7.400	ppbv	100
79) Naphthalene	22.162	128	2127794	9.074	ppbv	99
80) Naphthalene,2-methyl-	24.950	142	483708	11.687	ppbv	99
81) 1,2,4-Trichlorobenzene	21.895	180	1272050m	8.490	ppbv	

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

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Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022

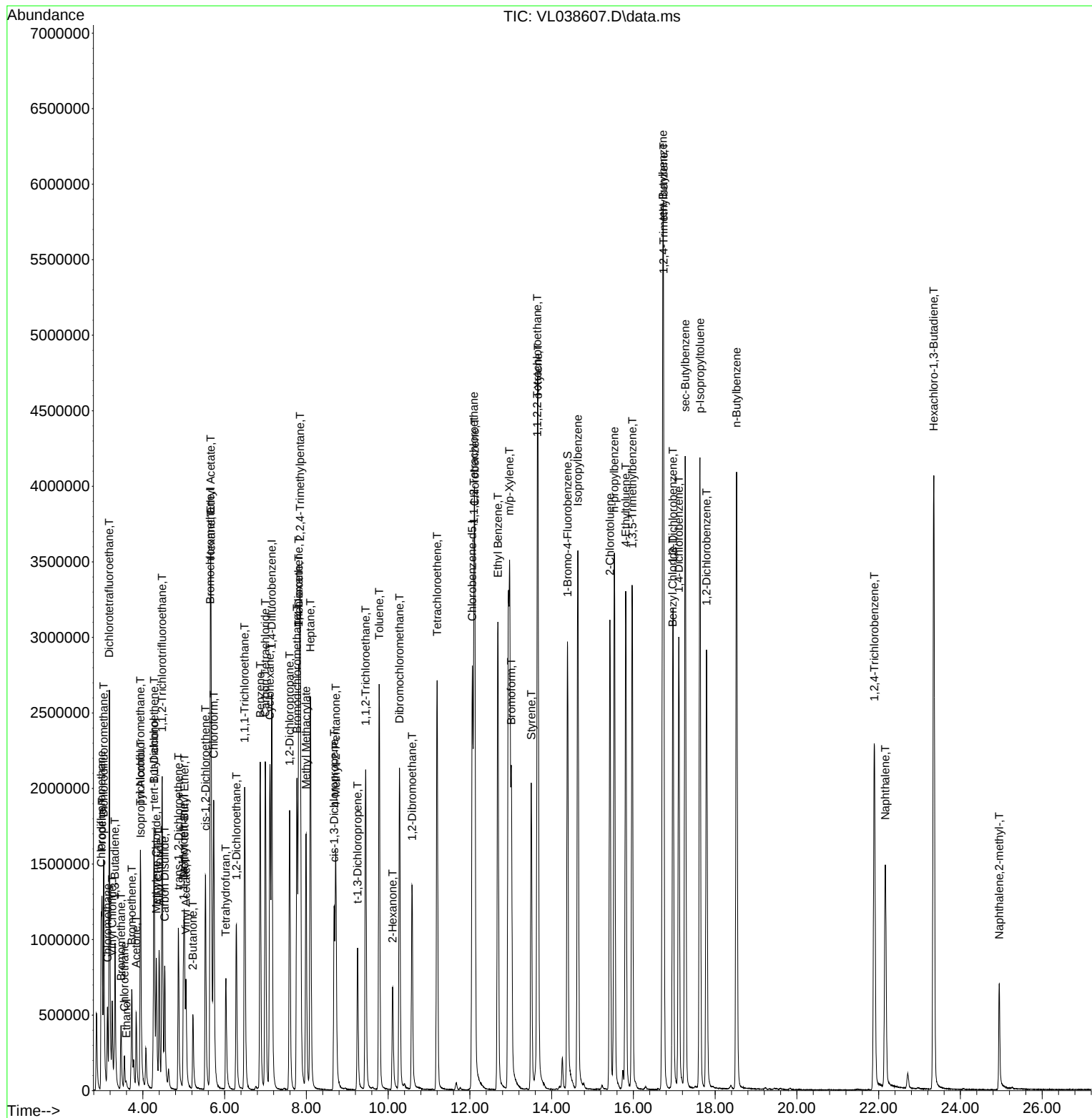
Quant Time: Mar 15 10:49:46 2022

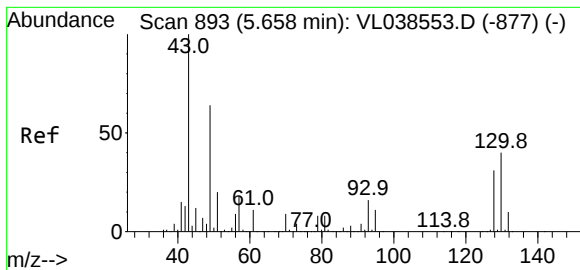
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar

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

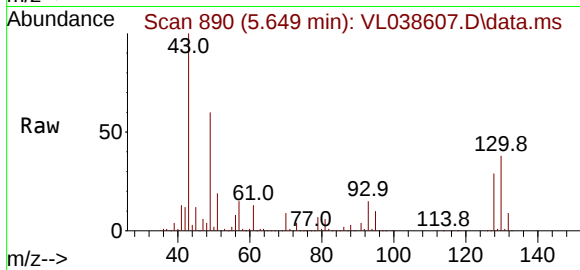
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.649 min Scan# 893
Delta R.T. -0.009 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

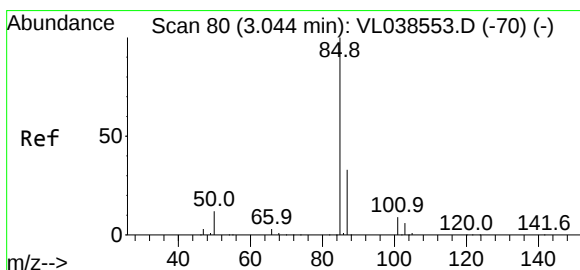
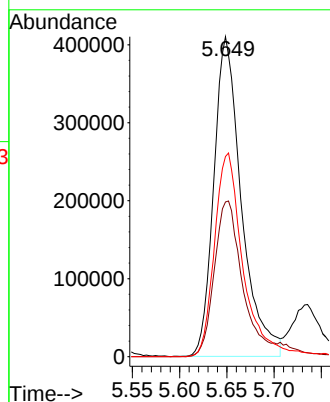
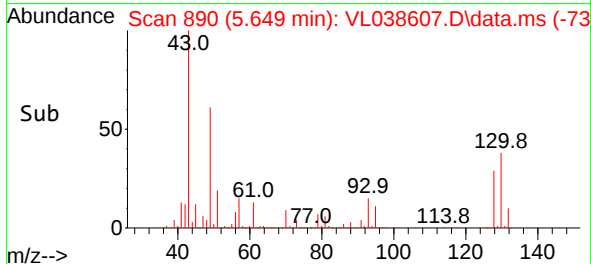
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



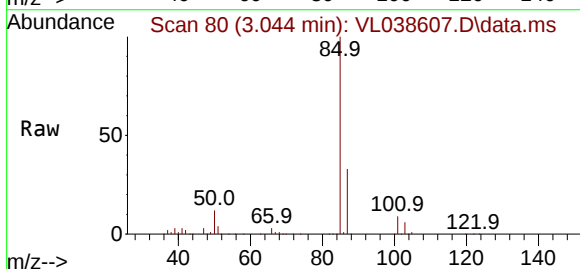
Tgt Ion: 49 Resp: 832354
Ion Ratio Lower Upper
49 100
128 54.0 26.4 79.2
130 67.5 33.0 98.9

Manual Integrations
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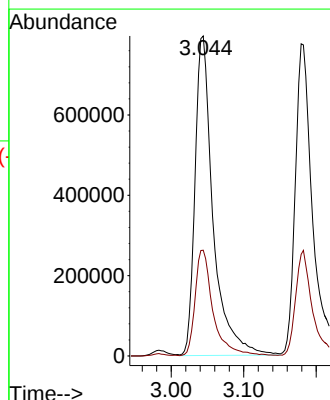
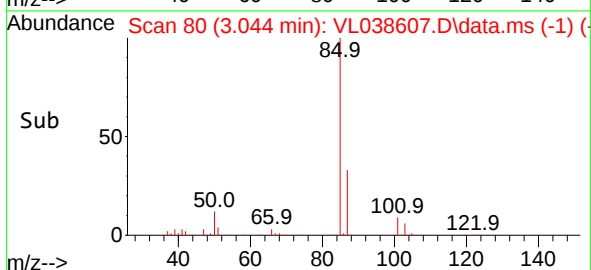
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

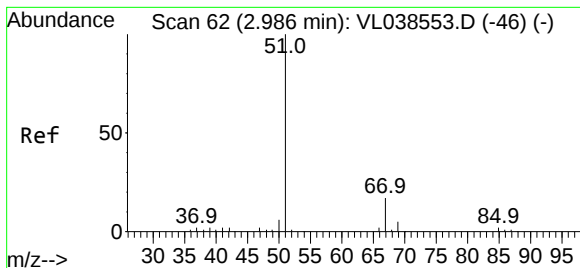


#2
Dichlorodifluoromethane
Concen: 10.962 ppbv
RT: 3.044 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43



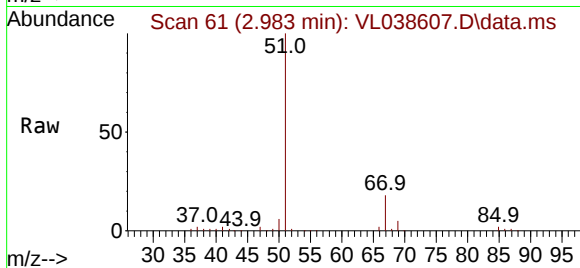
Tgt Ion: 85 Resp: 1378181
Ion Ratio Lower Upper
85 100
87 33.0 26.2 39.2





#3
Chlorodifluoromethane
Concen: 9.895 ppbv
RT: 2.983 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

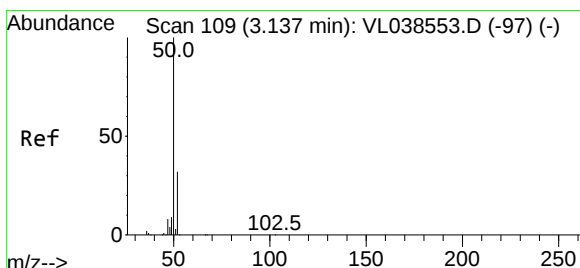
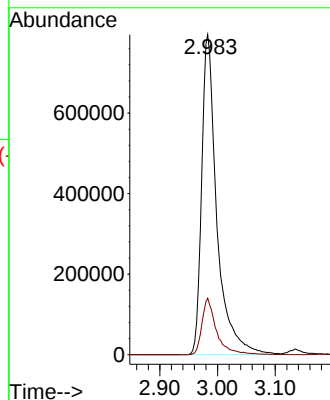
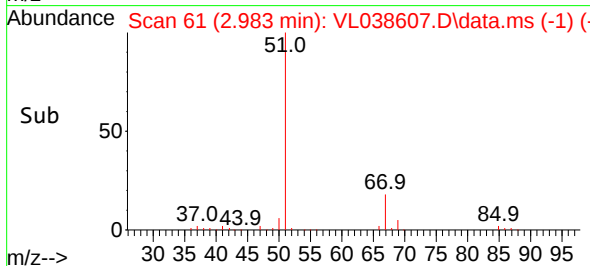
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 1452329
Ion Ratio Lower Upper
51 100
67 17.0 13.6 20.4

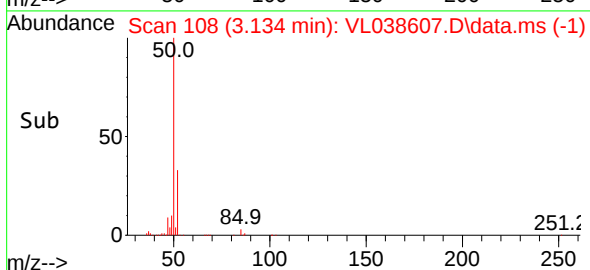
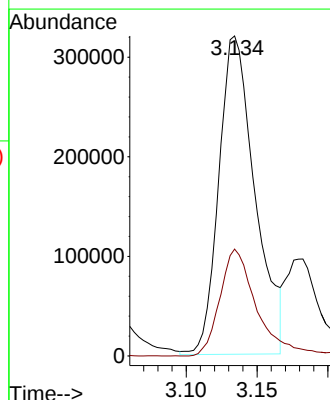
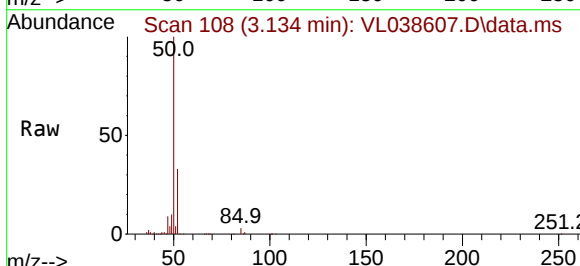
Manual Integrations
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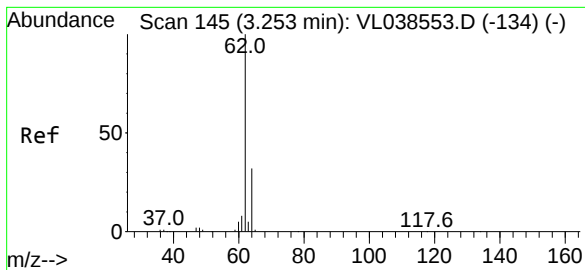
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#4
Chloromethane
Concen: 10.459 ppbv
RT: 3.134 min Scan# 108
Delta R.T. -0.003 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

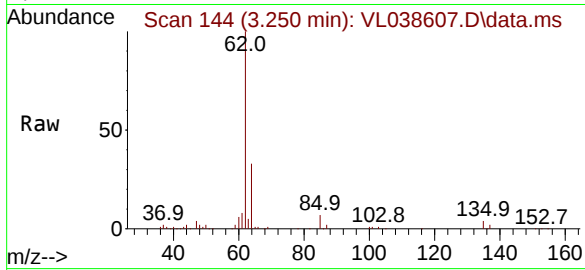
Tgt Ion: 50 Resp: 569018
Ion Ratio Lower Upper
50 100
52 33.9 25.6 38.4





#5
 Vinyl Chloride
 Concen: 10.183 ppbv
 RT: 3.250 min Scan# 145
 Delta R.T. -0.003 min
 Lab File: VL038607.D
 Acq: 15 Mar 2022 9:43

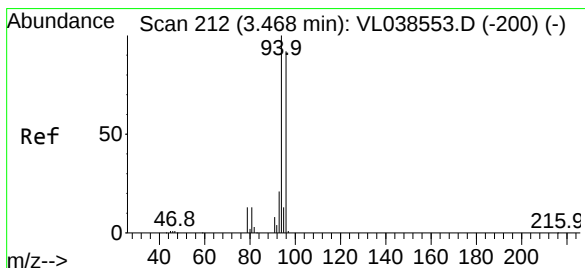
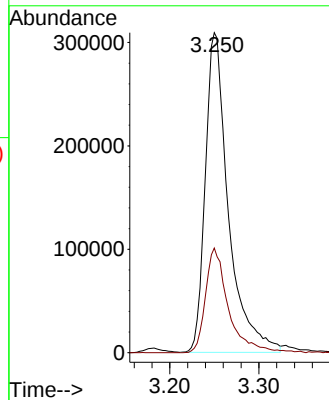
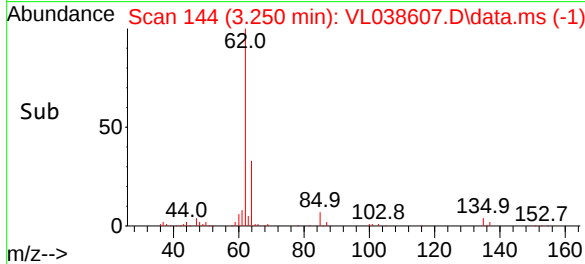
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 62 Resp: 556079
 Ion Ratio Lower Upper
 62 100
 64 32.7 25.8 38.6

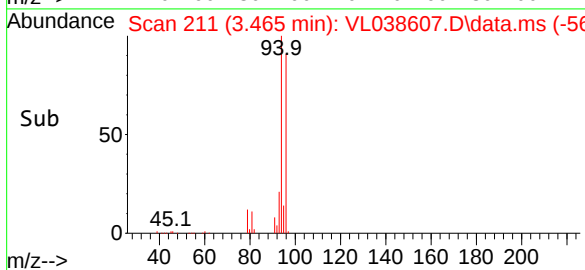
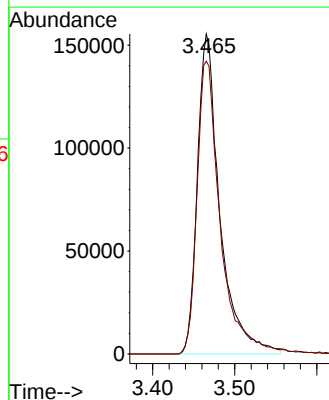
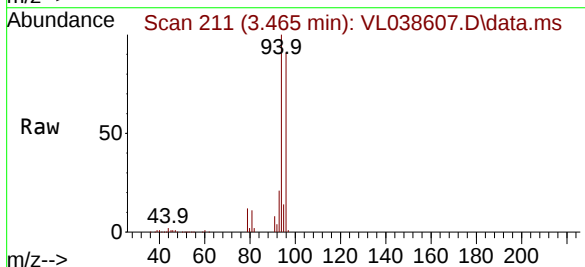
Manual Integrations
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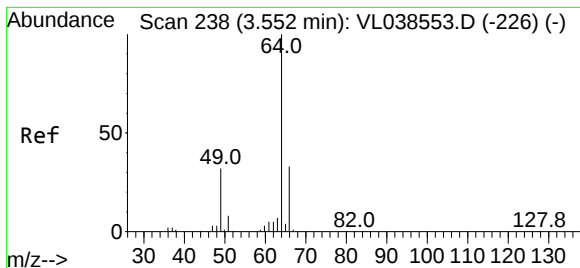
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#6
 Bromomethane
 Concen: 10.109 ppbv
 RT: 3.465 min Scan# 211
 Delta R.T. -0.003 min
 Lab File: VL038607.D
 Acq: 15 Mar 2022 9:43

Tgt Ion: 94 Resp: 296313
 Ion Ratio Lower Upper
 94 100
 96 91.3 73.7 110.5





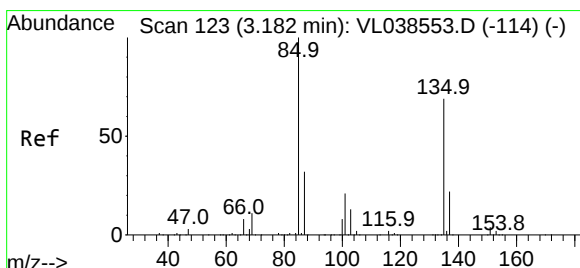
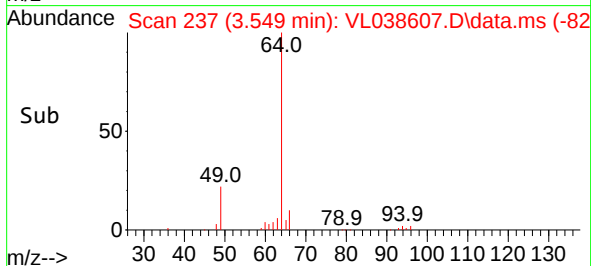
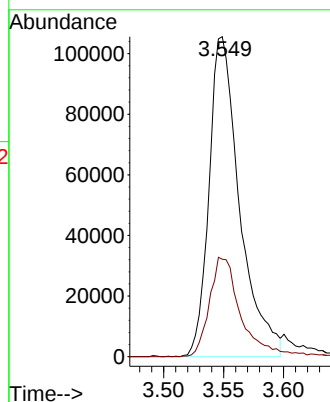
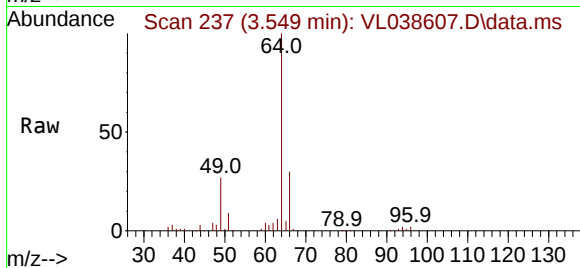
#7
Chloroethane
Concen: 10.588 ppbv
RT: 3.549 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 187219
Ion Ratio Lower Upper
64 100
66 30.4 26.6 39.8

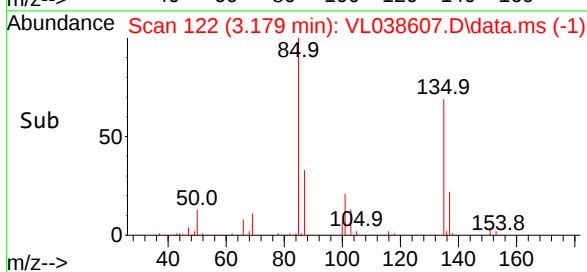
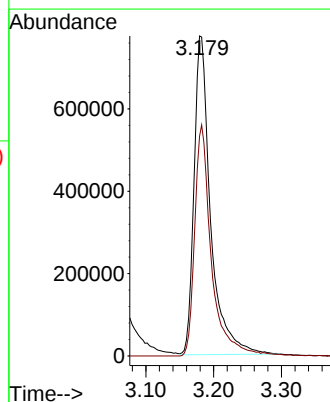
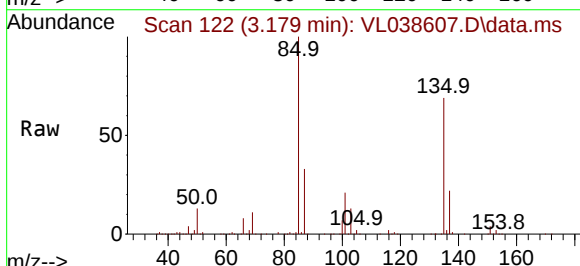
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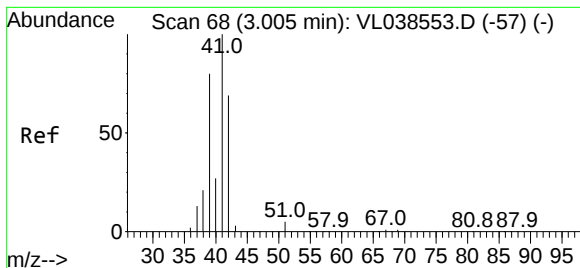
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#8
Dichlorotetrafluoroethane
Concen: 10.804 ppbv
RT: 3.179 min Scan# 122
Delta R.T. -0.003 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

Tgt Ion: 85 Resp: 1316701
Ion Ratio Lower Upper
85 100
135 73.3 59.0 88.4





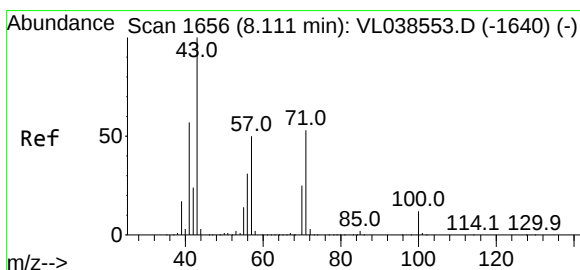
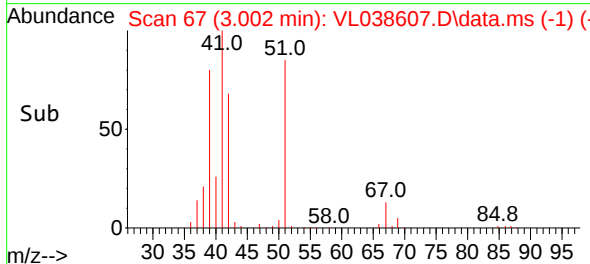
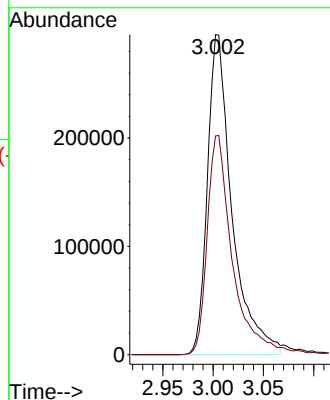
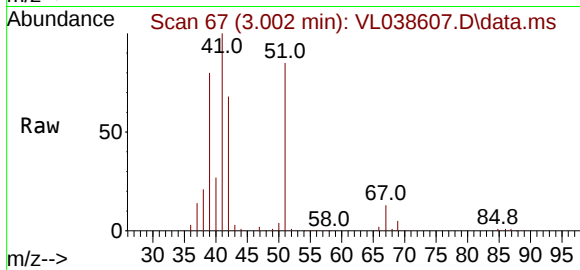
#9
Propene
Concen: 9.716 ppbv
RT: 3.002 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 503190
Ion Ratio Lower Upper
41 100
42 71.1 55.7 83.5

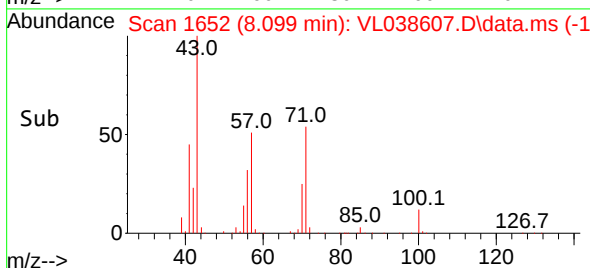
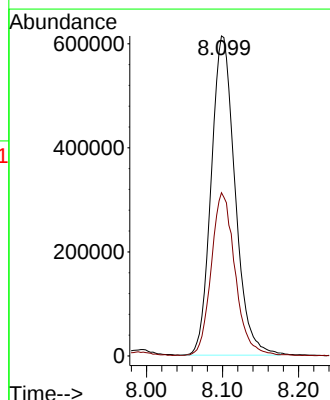
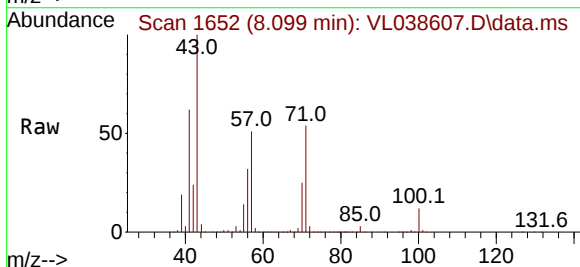
Manual Integrations
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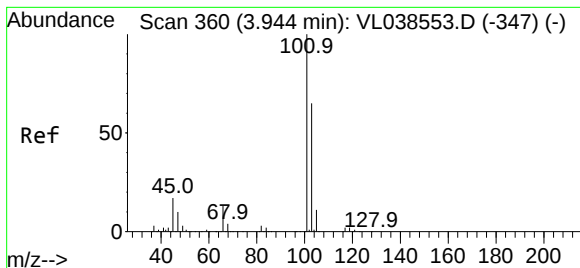
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#10
Heptane
Concen: 10.784 ppbv
RT: 8.099 min Scan# 1652
Delta R.T. -0.013 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

Tgt Ion: 43 Resp: 1336009
Ion Ratio Lower Upper
43 100
57 51.1 39.6 59.4





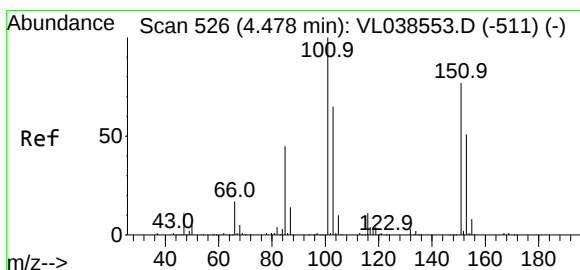
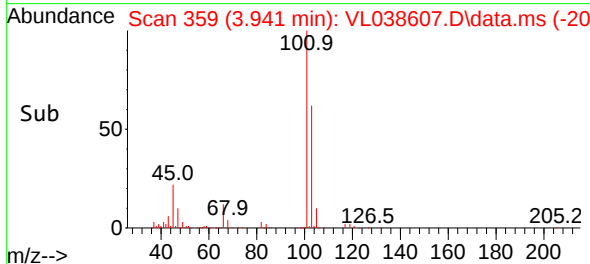
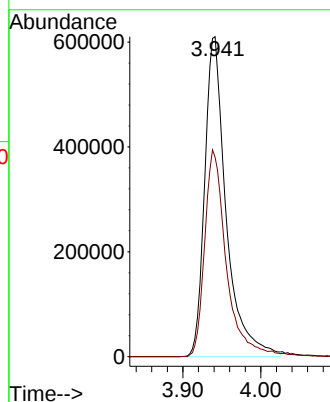
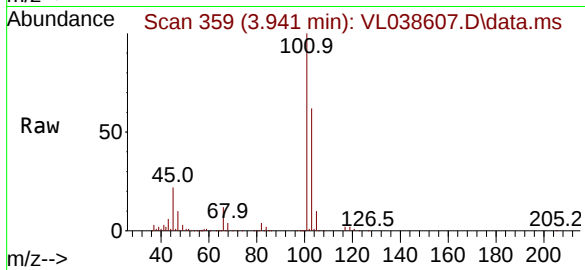
#11
Trichlorofluoromethane
Concen: 10.587 ppbv
RT: 3.941 min Scan# 311
Delta R.T. -0.003 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 1166979
Ion Ratio Lower Upper
101 100
103 62.3 52.0 78.0

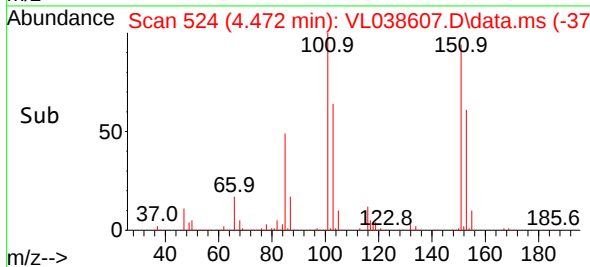
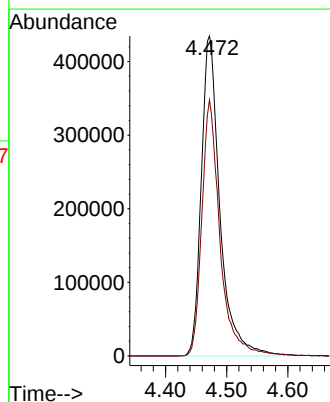
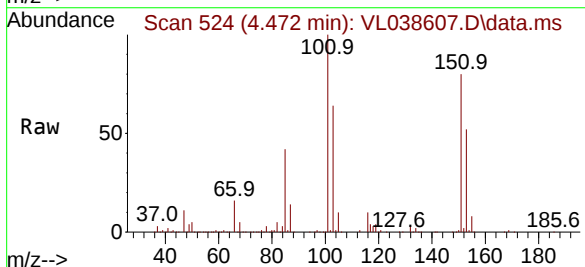
Manual Integrations
APPROVED

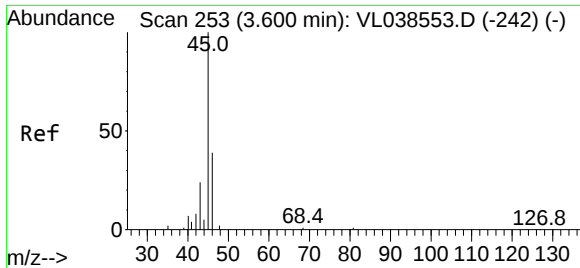
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.731 ppbv
RT: 4.472 min Scan# 524
Delta R.T. -0.006 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

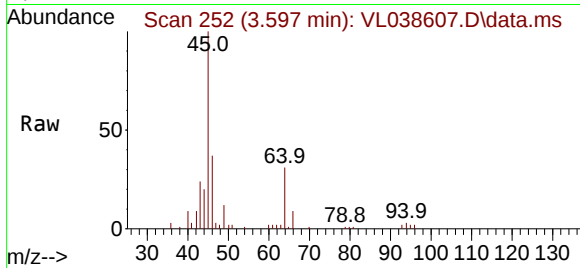
Tgt Ion:101 Resp: 919665
Ion Ratio Lower Upper
101 100
151 78.1 63.4 95.0





#13
Ethanol
Concen: 7.057 ppbv
RT: 3.597 min Scan# 219
Delta R.T. -0.003 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

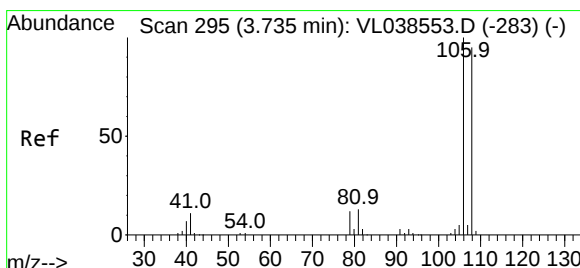
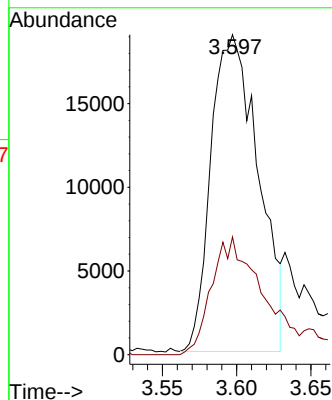
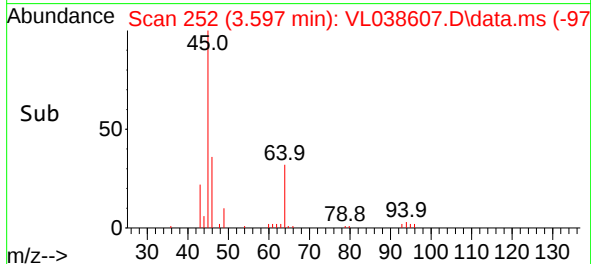
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



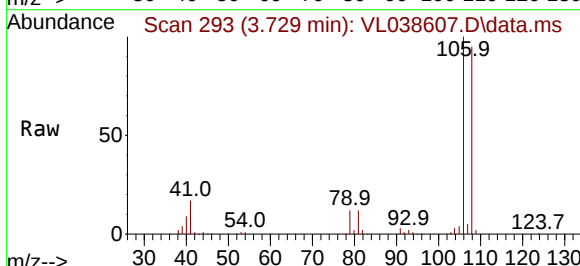
Tgt Ion: 45 Resp: 41980
Ion Ratio Lower Upper
45 100
46 46.8 16.8 67.0

Manual Integrations
APPROVED

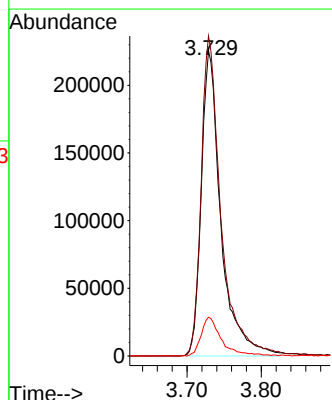
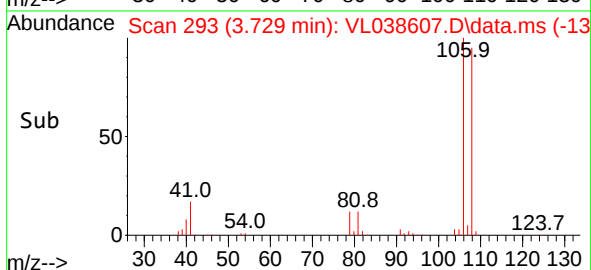
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

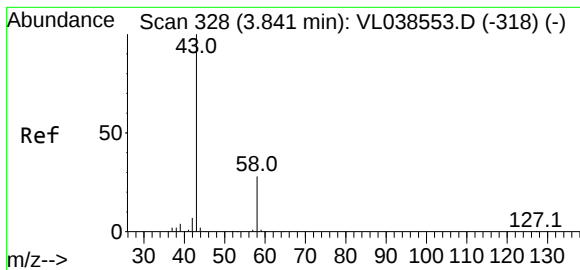


#14
Bromoethene
Concen: 11.330 ppbv
RT: 3.729 min Scan# 293
Delta R.T. -0.006 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43



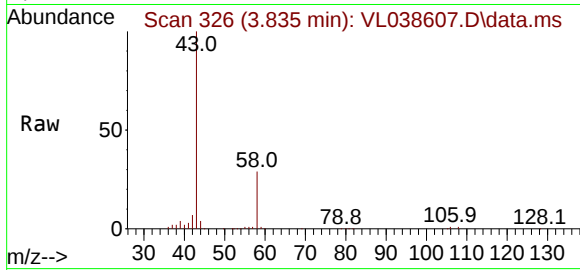
Tgt Ion:108 Resp: 413732
Ion Ratio Lower Upper
108 100
106 107.0 85.9 128.9
79 13.4 11.0 16.6





#15
Acetone
Concen: 10.360 ppbv
RT: 3.835 min Scan# 318
Delta R.T. -0.006 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

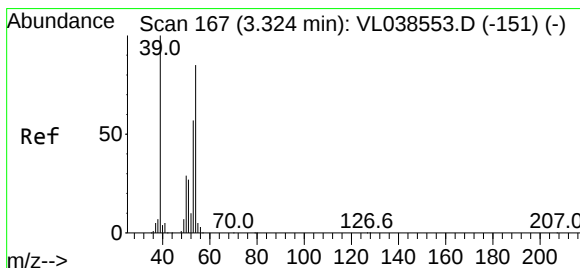
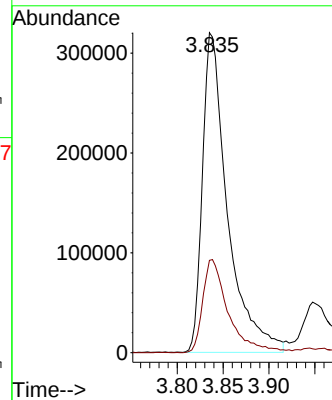
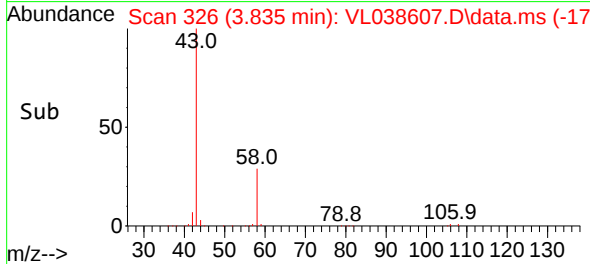
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



Tgt Ion: 43 Resp: 608260
Ion Ratio Lower Upper
43 100
58 29.8 22.7 34.1

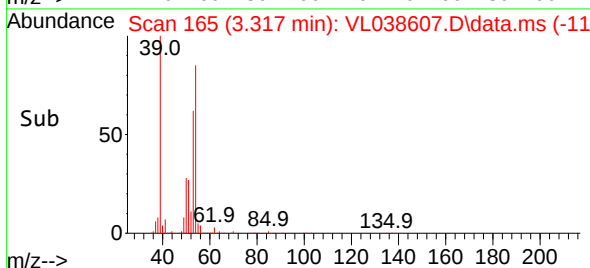
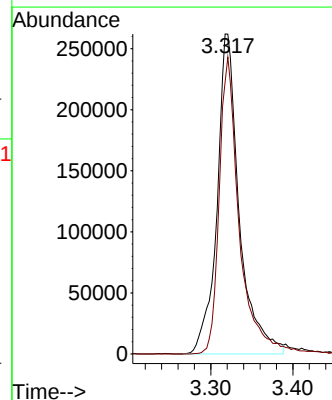
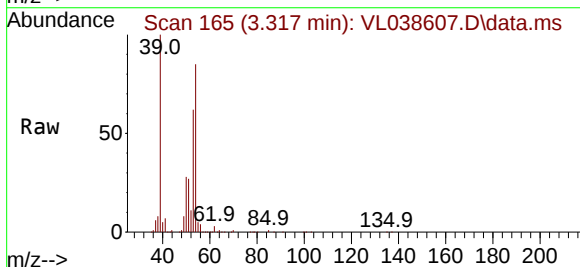
Manual Integrations
APPROVED

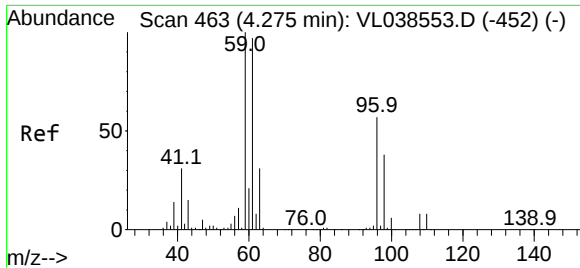
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#16
1,3-Butadiene
Concen: 10.511 ppbv
RT: 3.317 min Scan# 165
Delta R.T. -0.006 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

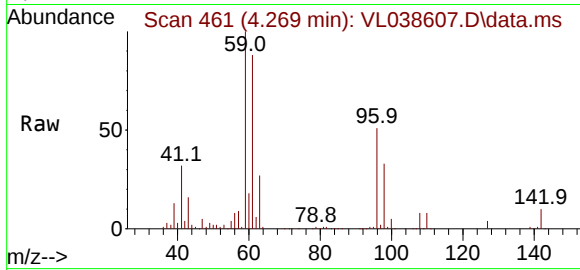
Tgt Ion: 39 Resp: 495863
Ion Ratio Lower Upper
39 100
54 84.1 64.2 96.2





#17
tert-Butyl alcohol
Concen: 11.631 ppbv
RT: 4.269 min Scan# 461
Delta R.T. -0.006 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

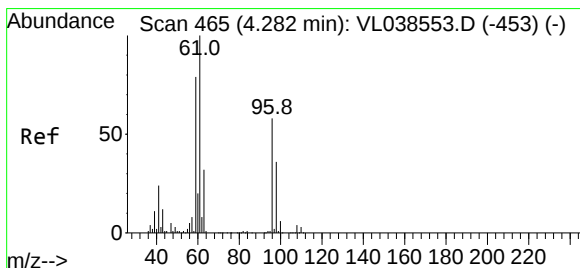
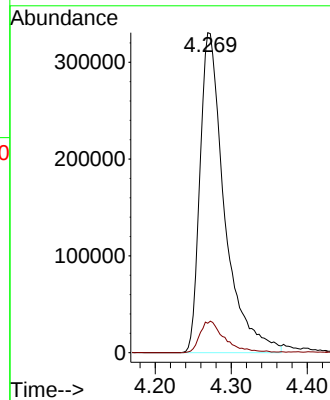
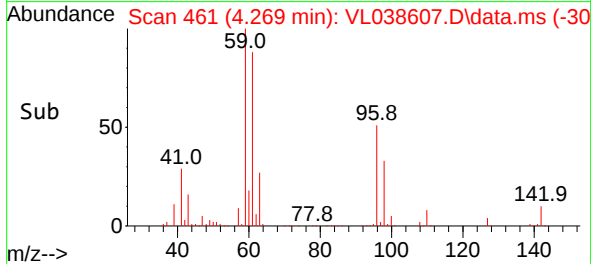
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 59 Resp: 741935
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1

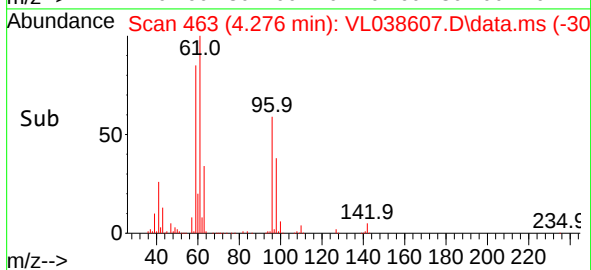
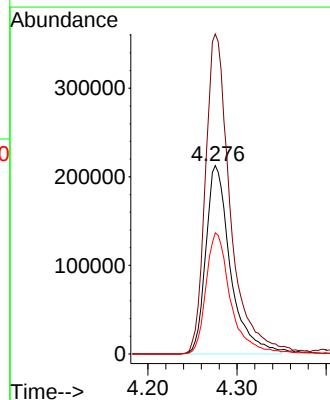
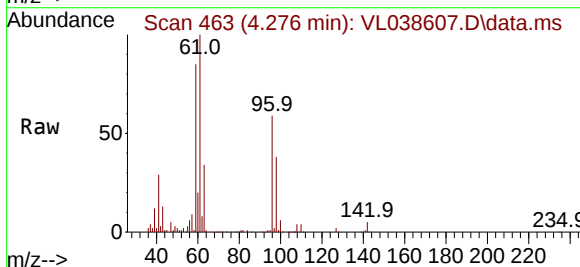
Manual Integrations
APPROVED

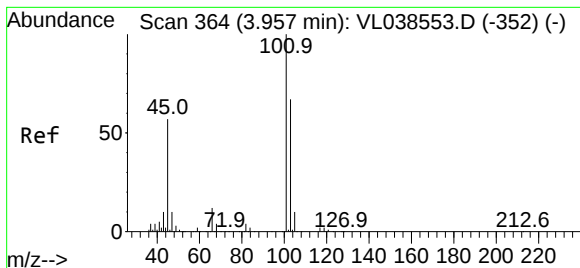
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#18
1,1-Dichloroethene
Concen: 10.645 ppbv
RT: 4.276 min Scan# 463
Delta R.T. -0.006 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

Tgt Ion: 96 Resp: 408276
Ion Ratio Lower Upper
96 100
61 169.9 137.4 206.0
98 64.4 49.3 73.9





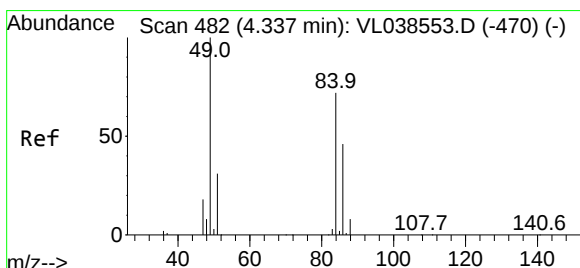
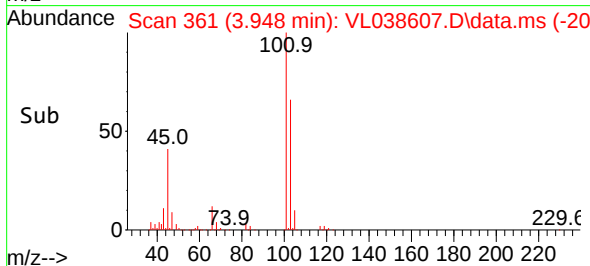
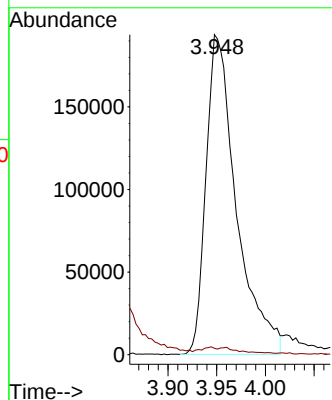
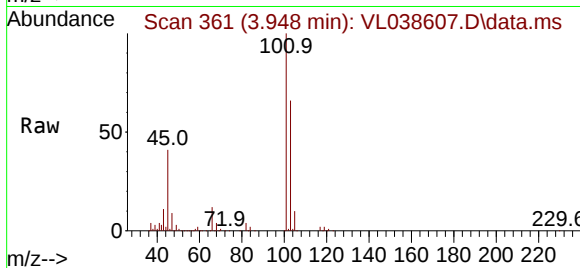
#19
Isopropyl Alcohol
Concen: 10.703 ppbv
RT: 3.948 min Scan# 30
Delta R.T. -0.009 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 419590
Ion Ratio Lower Upper
45 100
58 2.9 2.2 3.2

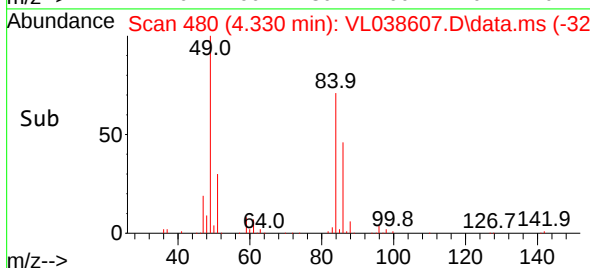
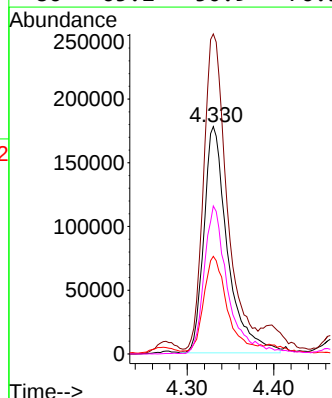
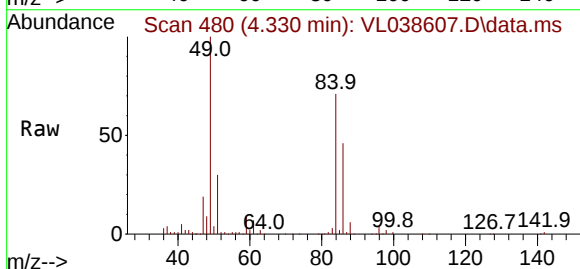
Manual Integrations
APPROVED

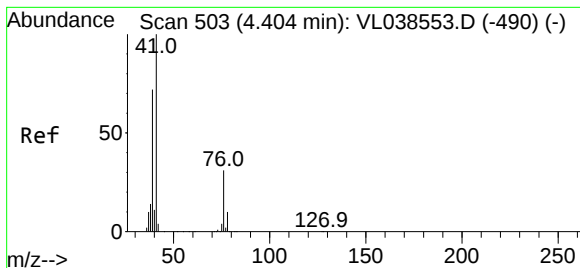
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#20
Methylene Chloride
Concen: 9.559 ppbv
RT: 4.330 min Scan# 480
Delta R.T. -0.006 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

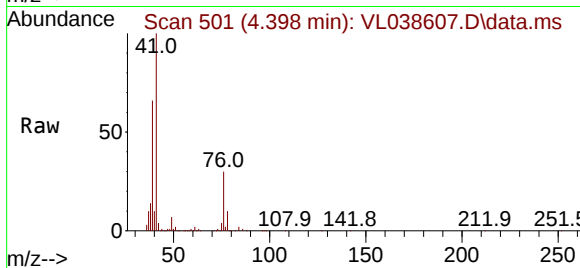
Tgt Ion: 84 Resp: 337730
Ion Ratio Lower Upper
84 100
49 139.0 111.1 166.7
51 41.9 34.0 51.0
86 65.2 50.9 76.3





#21
 Allyl Chloride
 Concen: 10.461 ppbv
 RT: 4.398 min Scan# 503
 Delta R.T. -0.006 min
 Lab File: VL038607.D
 Acq: 15 Mar 2022 9:43

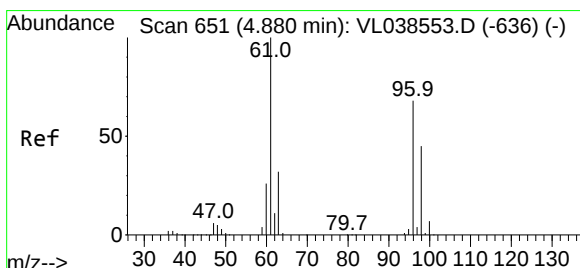
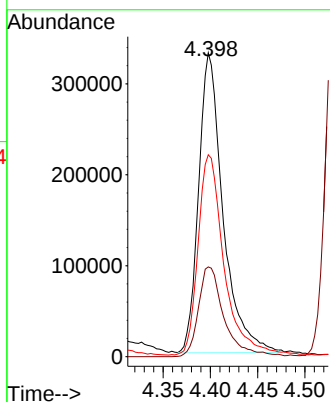
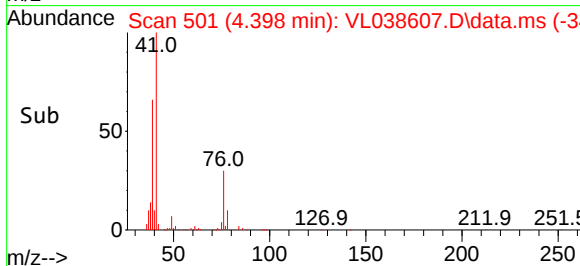
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 591924
 Ion Ratio Lower Upper
 41 100
 76 31.6 24.3 36.5
 39 71.4 57.1 85.7

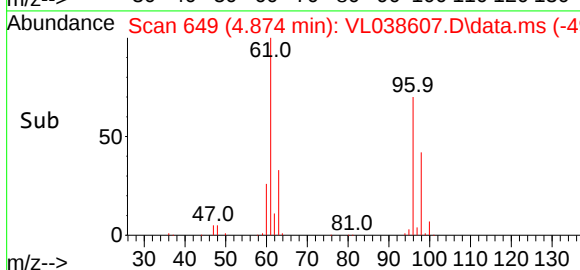
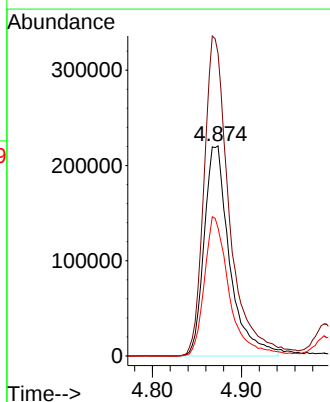
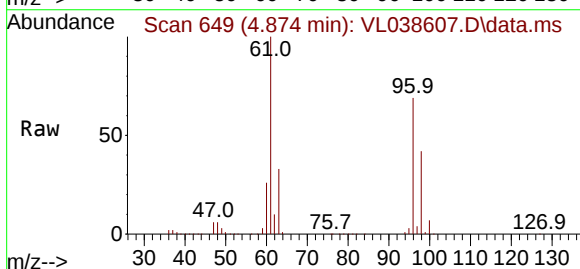
Manual Integrations
 APPROVED

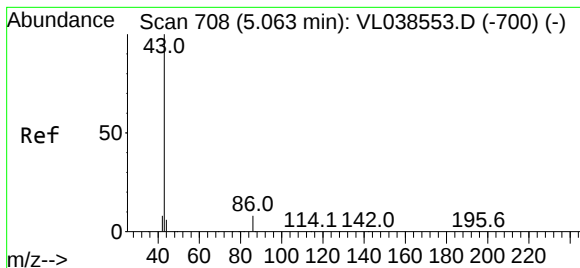
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.896 ppbv
 RT: 4.874 min Scan# 649
 Delta R.T. -0.006 min
 Lab File: VL038607.D
 Acq: 15 Mar 2022 9:43

Tgt Ion: 96 Resp: 438102
 Ion Ratio Lower Upper
 96 100
 61 144.1 117.6 176.4
 98 60.9 52.6 78.8





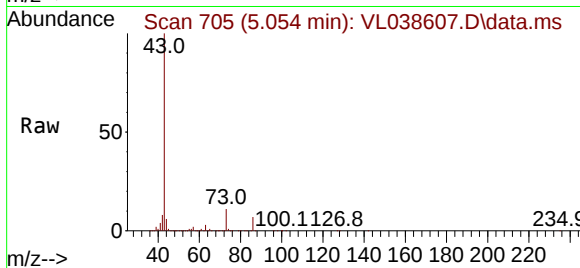
#23
 Vinyl Acetate
 Concen: 10.728 ppbv
 RT: 5.054 min Scan# 708
 Delta R.T. -0.009 min
 Lab File: VL038607.D
 Acq: 15 Mar 2022 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

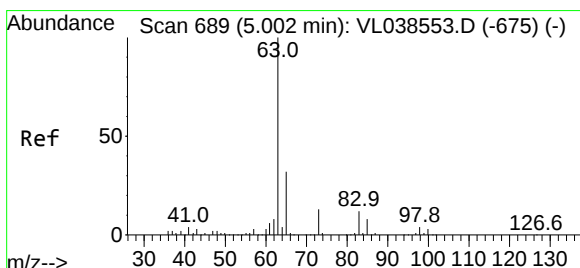
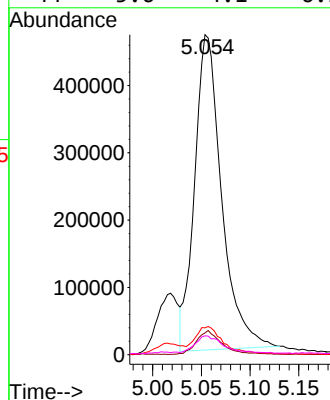
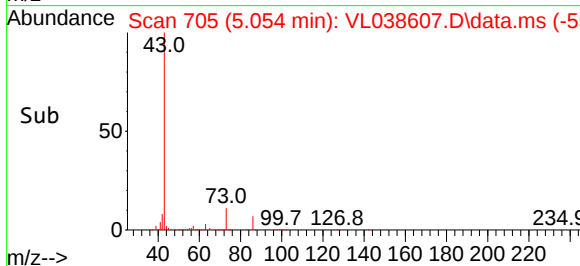


Tgt Ion: 43 Resp: 902839
 Ion Ratio Lower Upper
 43 100
 86 6.8 5.6 8.4
 42 8.3 7.1 10.7
 44 5.6 4.1 6.1

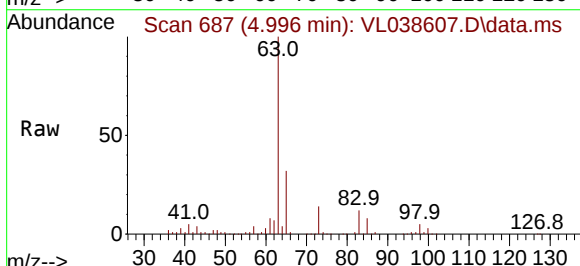
Manual Integrations

APPROVED

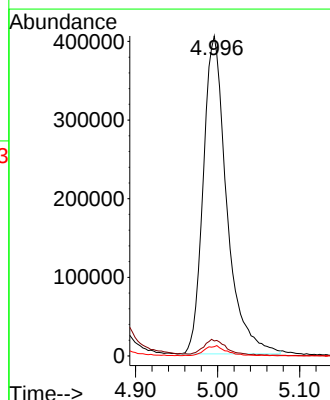
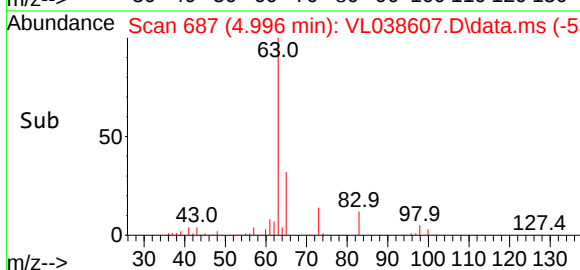
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022

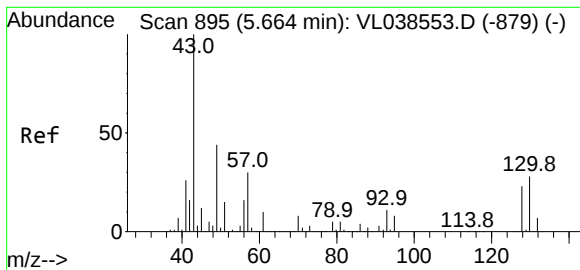


#24
 1,1-Dichloroethane
 Concen: 10.525 ppbv
 RT: 4.996 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VL038607.D
 Acq: 15 Mar 2022 9:43



Tgt Ion: 63 Resp: 805617
 Ion Ratio Lower Upper
 63 100
 98 4.5 2.2 6.6
 100 2.8 1.5 4.5





#25
Ethyl Acetate
Concen: 10.637 ppbv
RT: 5.658 min Scan# 895
Delta R.T. -0.006 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

Instrument :

MSVOA_L

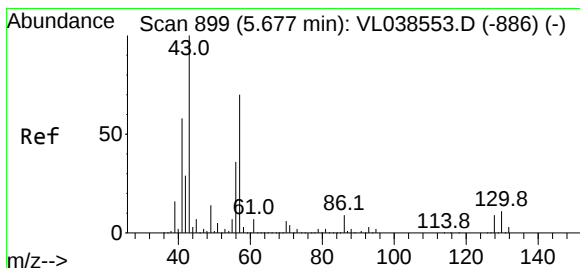
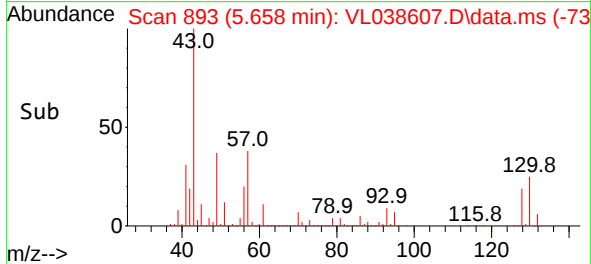
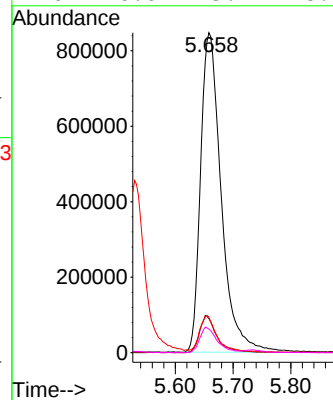
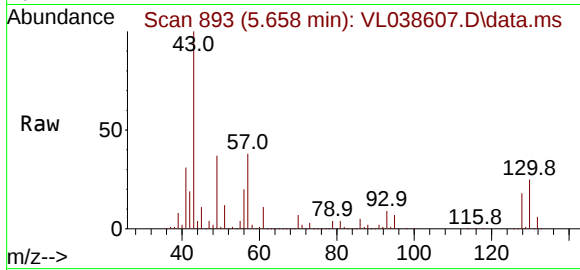
ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 210314
Ion Ratio Lower Upper
43 100
45 9.9 8.0 12.0
61 10.2 8.2 12.4
70 6.6 5.4 8.2

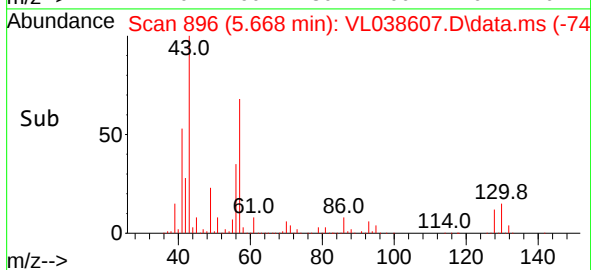
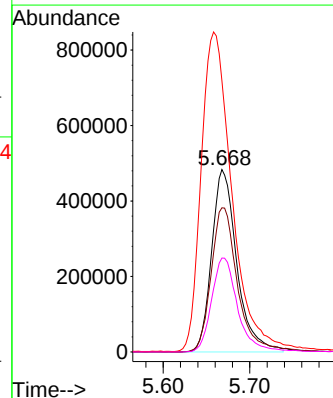
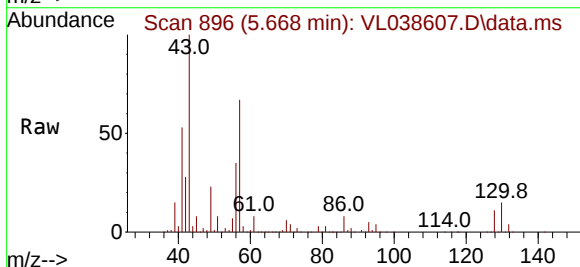
Manual Integrations
APPROVED

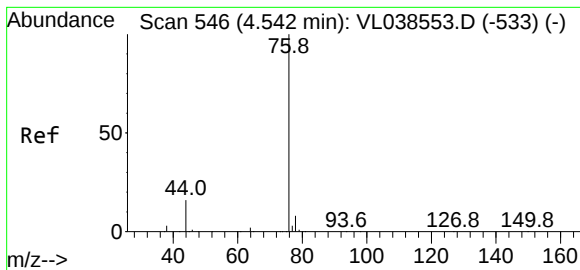
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#26
Hexane
Concen: 10.509 ppbv
RT: 5.668 min Scan# 896
Delta R.T. -0.009 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

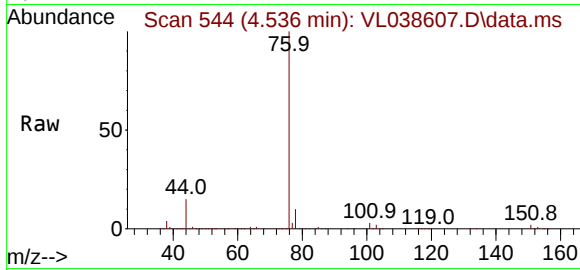
Tgt Ion: 57 Resp: 975832
Ion Ratio Lower Upper
57 100
41 83.8 67.8 101.6
43 216.6 173.6 260.4
56 54.0 42.2 63.2





#27
Carbon Disulfide
Concen: 11.792 ppbv
RT: 4.536 min Scan# 546
Delta R.T. -0.006 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

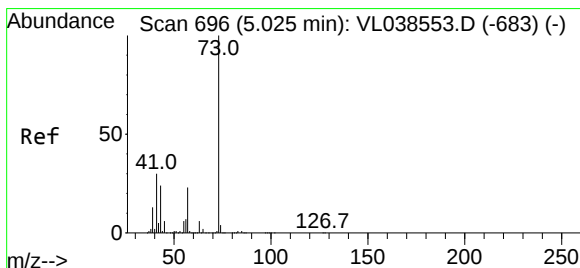
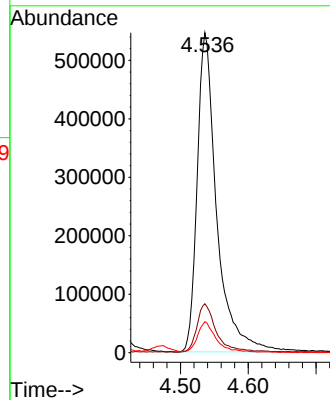
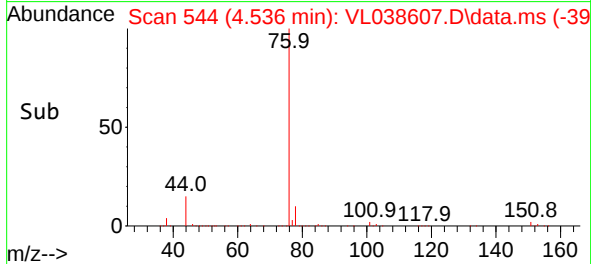
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 1090534
Ion Ratio Lower Upper
76 100
44 15.1 12.9 19.3
78 9.9 7.8 11.6

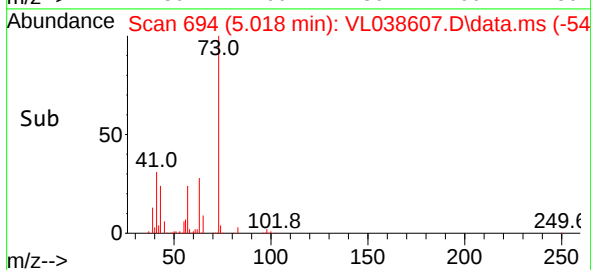
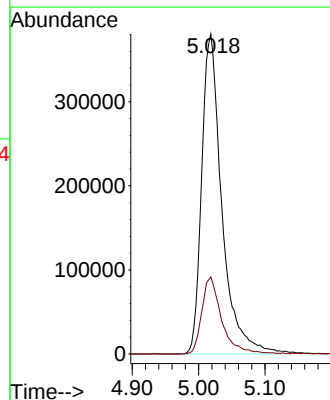
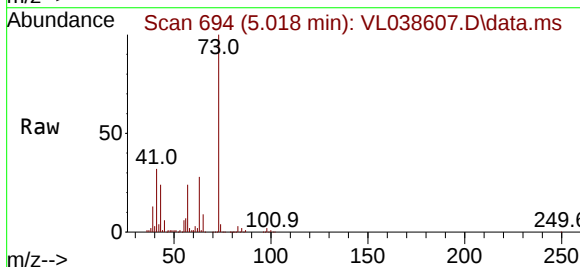
Manual Integrations
APPROVED

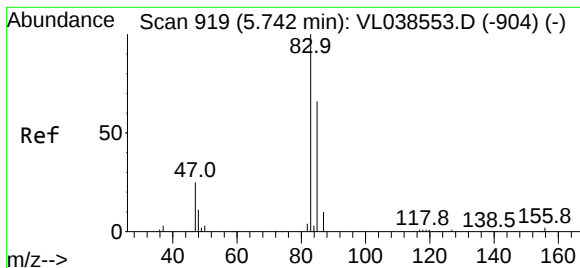
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#28
Methyl tert-Butyl Ether
Concen: 10.630 ppbv
RT: 5.018 min Scan# 694
Delta R.T. -0.006 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

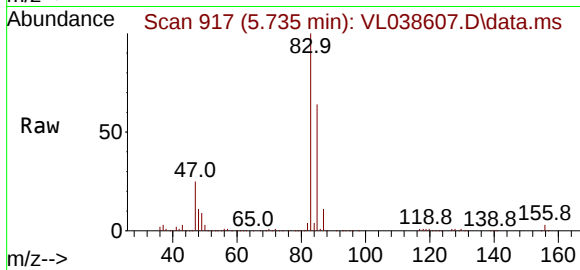
Tgt Ion: 73 Resp: 803317
Ion Ratio Lower Upper
73 100
57 23.9 18.8 28.2





#29
Chloroform
Concen: 10.578 ppbv
RT: 5.735 min Scan# 917
Delta R.T. -0.006 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

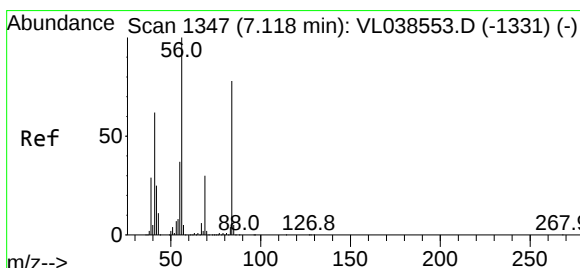
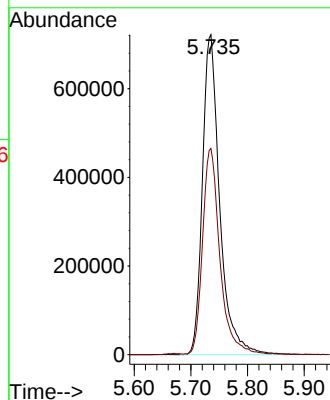
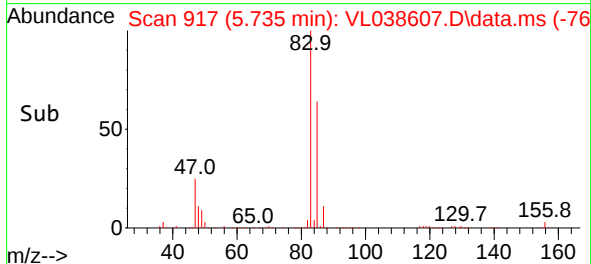
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



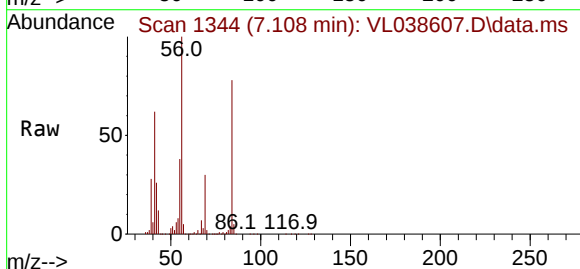
Tgt Ion: 83 Resp: 152851
Ion Ratio Lower Upper
83 100
85 64.2 52.8 79.2

Manual Integrations
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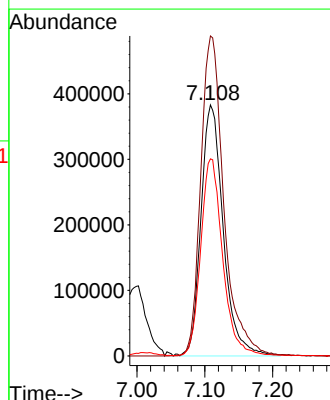
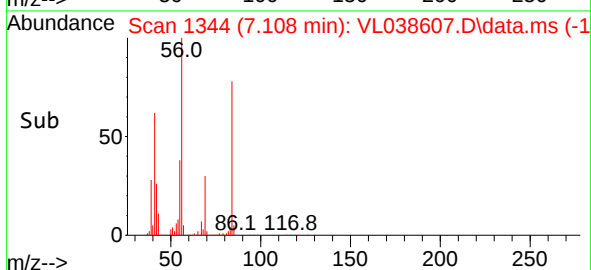
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

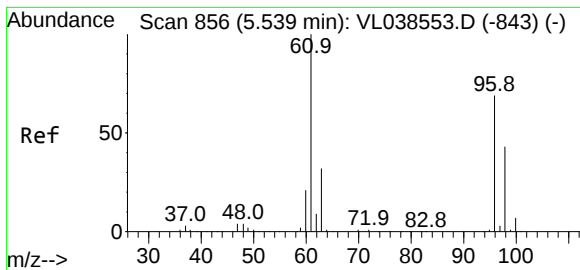


#30
Cyclohexane
Concen: 10.899 ppbv
RT: 7.108 min Scan# 1344
Delta R.T. -0.009 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43



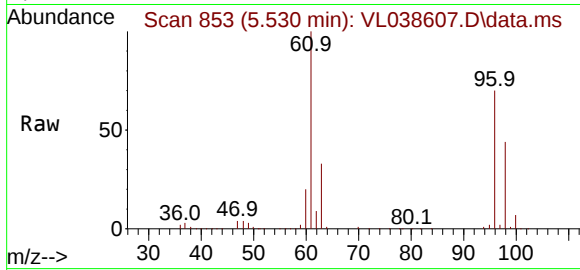
Tgt Ion: 84 Resp: 875233
Ion Ratio Lower Upper
84 100
56 132.6 111.4 167.0
41 77.9 65.5 98.3





#31
 cis-1,2-Dichloroethene
 Concen: 10.457 ppbv
 RT: 5.530 min Scan# 81
 Delta R.T. -0.009 min
 Lab File: VL038607.D
 Acq: 15 Mar 2022 9:43

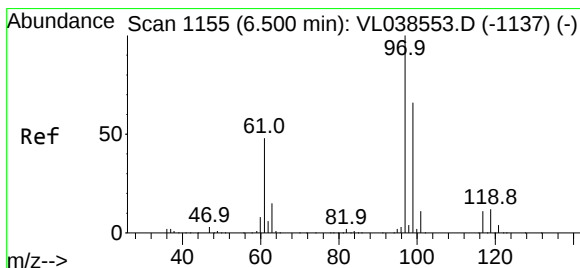
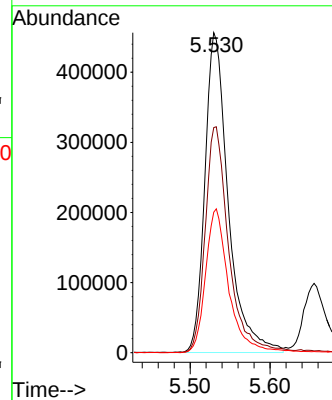
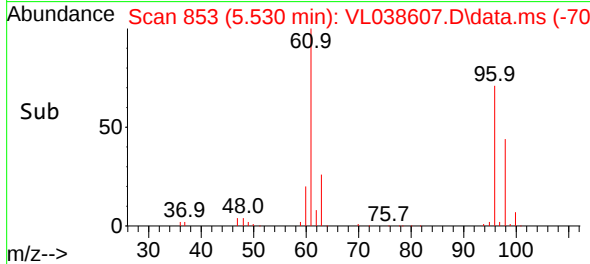
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 61 Resp: 928859
 Ion Ratio Lower Upper
 61 100
 96 70.2 55.2 82.8
 98 43.8 34.2 51.4

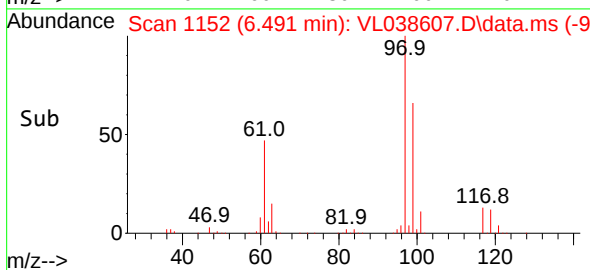
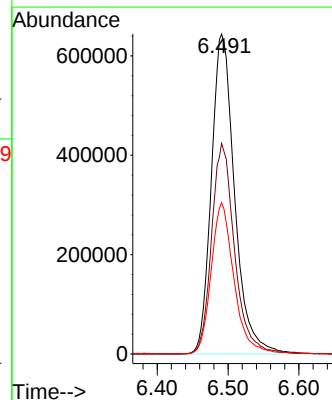
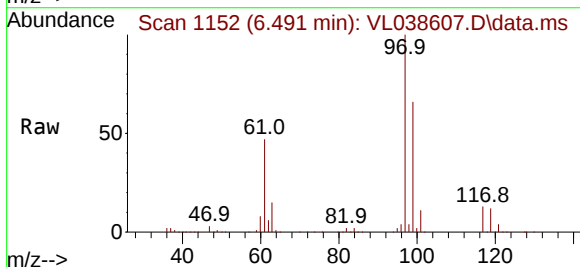
Manual Integrations
 APPROVED

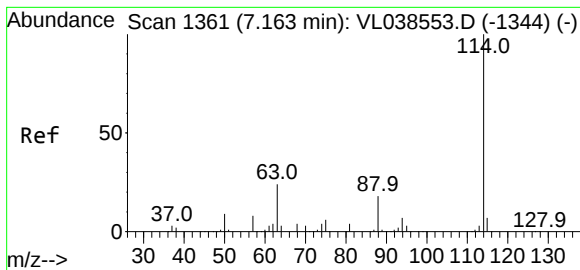
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#32
 1,1,1-Trichloroethane
 Concen: 10.462 ppbv
 RT: 6.491 min Scan# 1152
 Delta R.T. -0.010 min
 Lab File: VL038607.D
 Acq: 15 Mar 2022 9:43

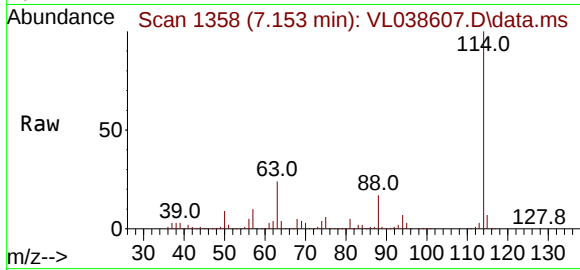
Tgt Ion: 97 Resp: 1466048
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.1 78.1
 61 46.3 37.7 56.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 114
Delta R.T. -0.010 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

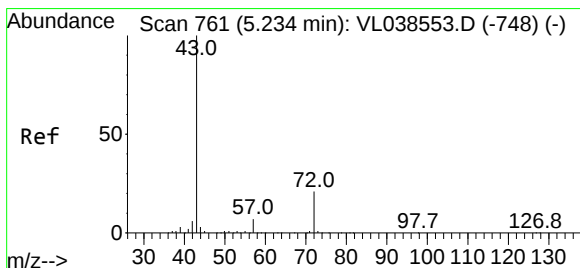
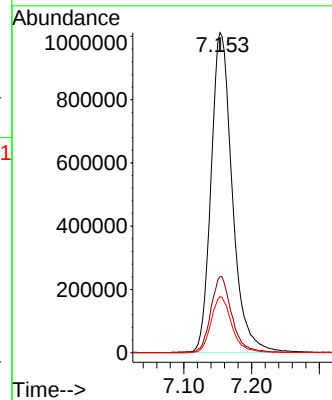
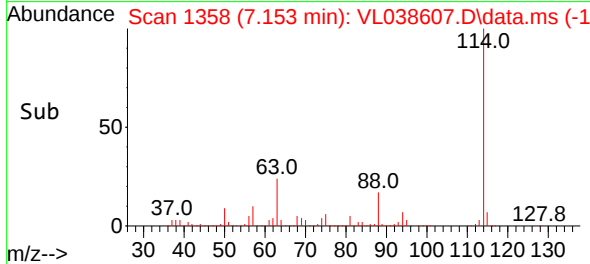
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:114 Resp: 2202639
Ion Ratio Lower Upper
114 100
63 23.8 19.6 29.4
88 17.2 13.9 20.9

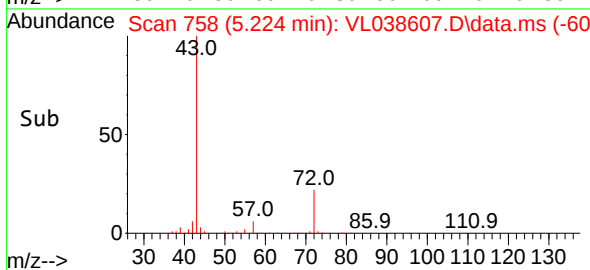
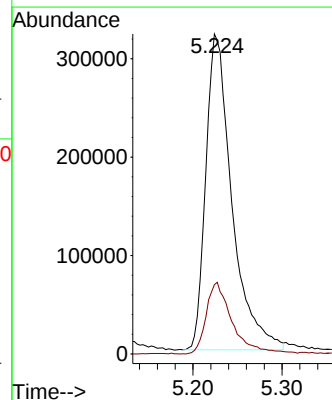
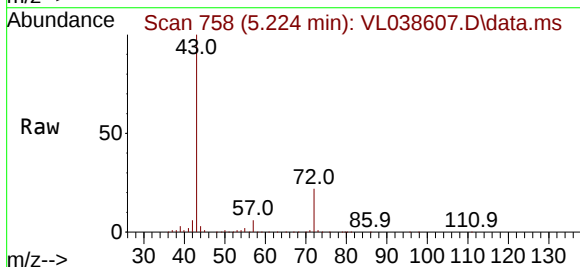
Manual Integrations
APPROVED

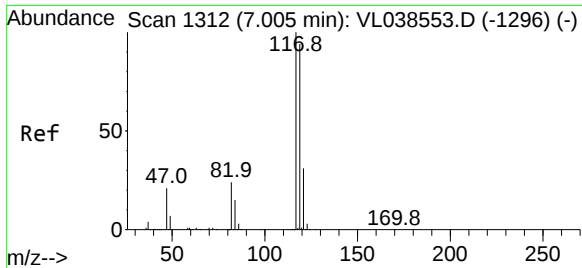
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#34
2-Butanone
Concen: 11.462 ppbv
RT: 5.224 min Scan# 758
Delta R.T. -0.010 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

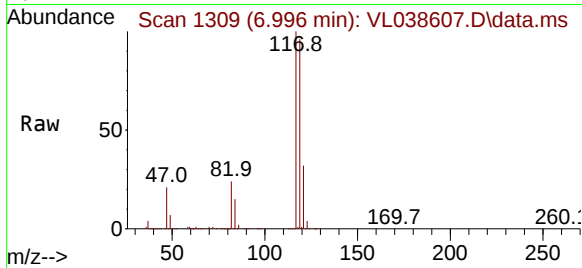
Tgt Ion: 43 Resp: 654415
Ion Ratio Lower Upper
43 100
72 22.9 17.8 26.6





#35
Carbon Tetrachloride
Concen: 10.334 ppbv
RT: 6.996 min Scan# 117
Delta R.T. -0.010 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

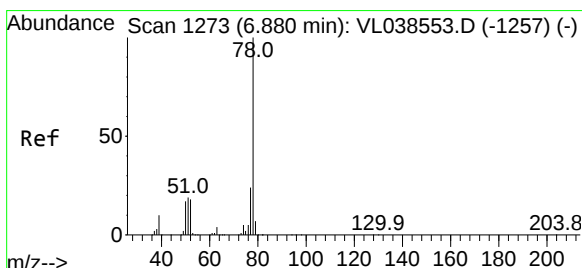
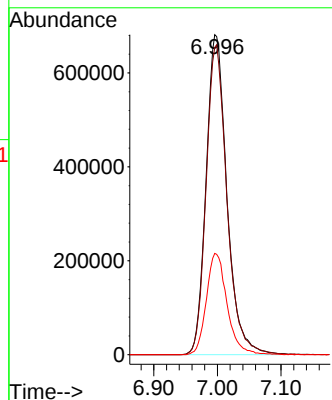
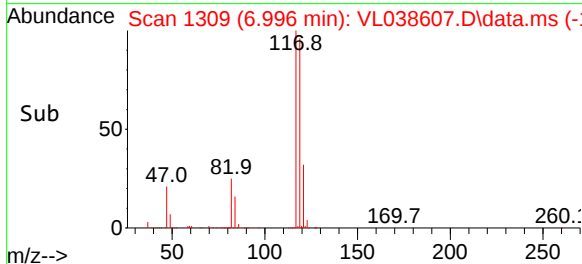
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



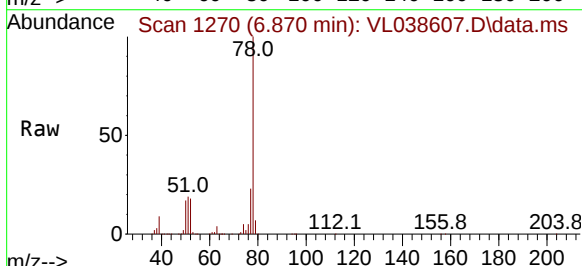
Tgt Ion:117 Resp: 155265
Ion Ratio Lower Upper
117 100
119 96.0 75.2 112.8
121 31.7 24.8 37.2

Manual Integrations
APPROVED

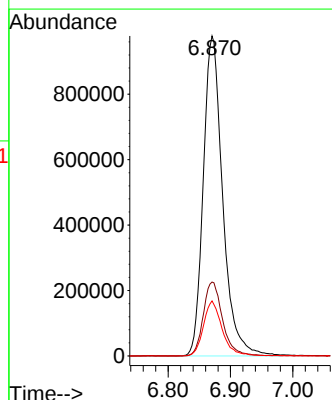
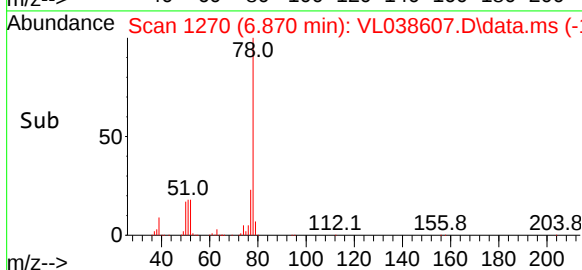
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

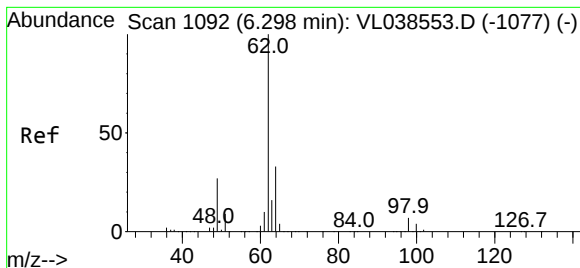


#36
Benzene
Concen: 10.651 ppbv
RT: 6.870 min Scan# 1270
Delta R.T. -0.009 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43



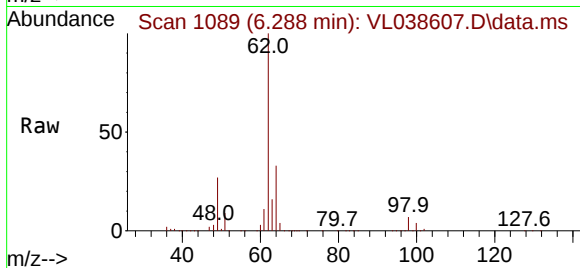
Tgt Ion: 78 Resp: 2117017
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4
50 17.1 13.9 20.9





#37
1,2-Dichloroethane
Concen: 10.733 ppbv
RT: 6.288 min Scan# 1092
Delta R.T. -0.010 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

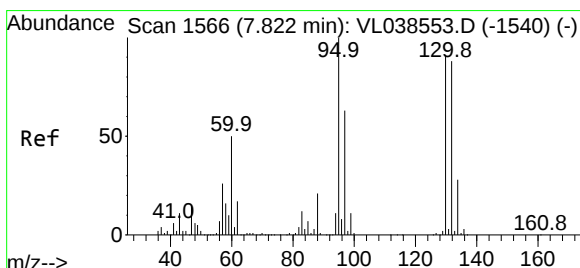
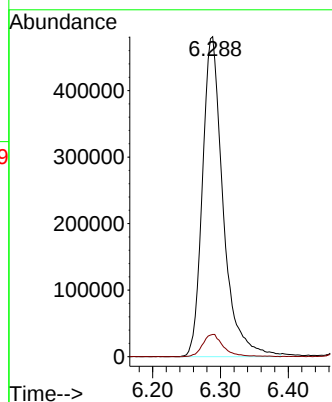
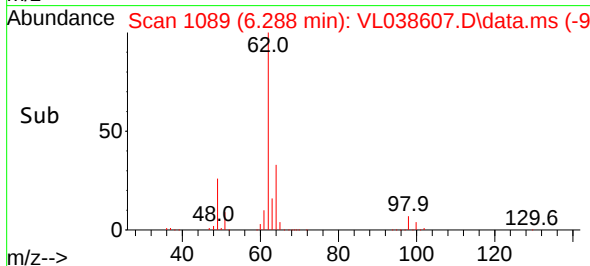
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 101947
Ion Ratio Lower Upper
62 100
98 7.1 5.7 8.5

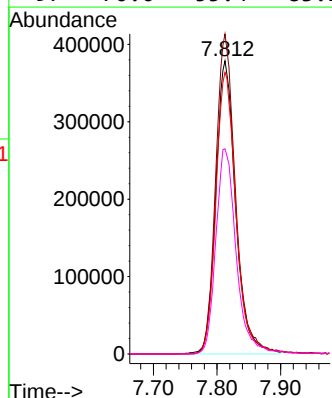
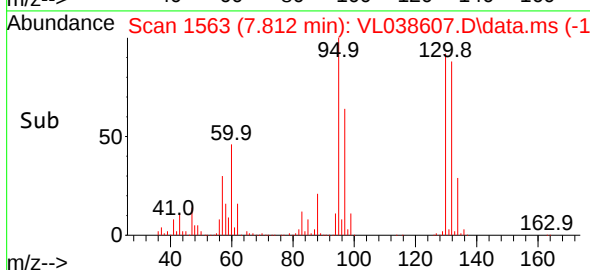
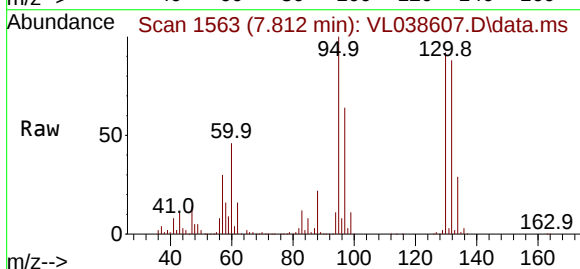
Manual Integrations
APPROVED

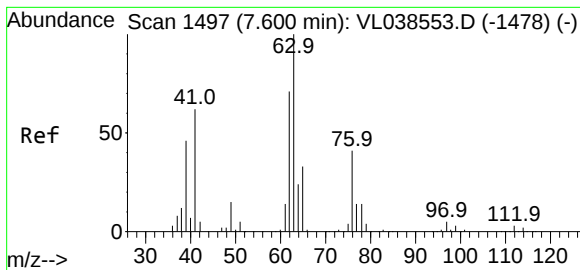
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#38
Trichloroethene
Concen: 10.350 ppbv
RT: 7.812 min Scan# 1563
Delta R.T. -0.009 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

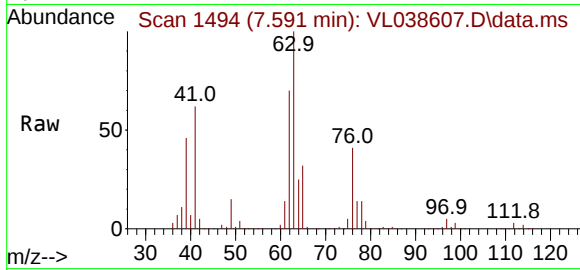
Tgt Ion:130 Resp: 821771
Ion Ratio Lower Upper
130 100
95 109.1 87.8 131.8
132 96.1 77.5 116.3
97 70.0 55.4 83.2





#39
1,2-Dichloropropane
Concen: 10.753 ppbv
RT: 7.591 min Scan# 1497
Delta R.T. -0.010 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

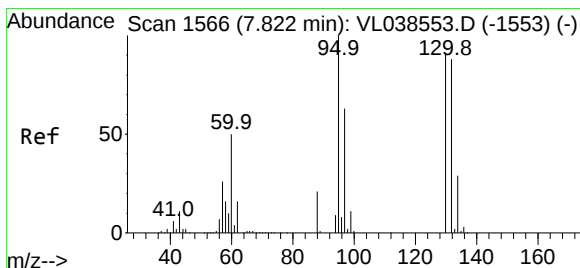
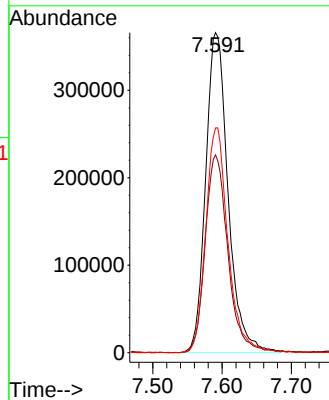
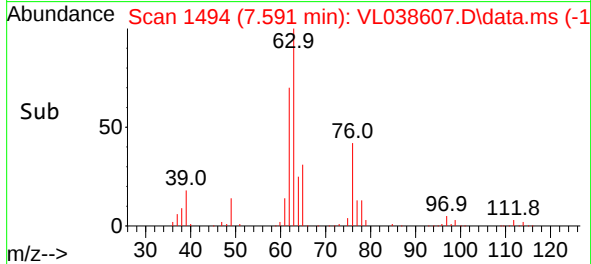
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 63 Resp: 821997
Ion Ratio Lower Upper
63 100
41 61.7 49.8 74.6
62 70.3 56.7 85.1

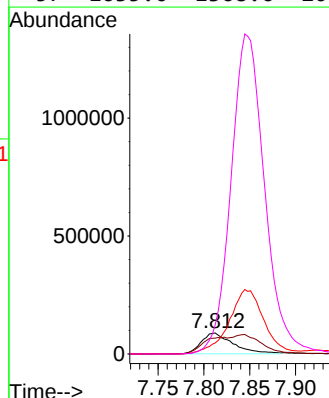
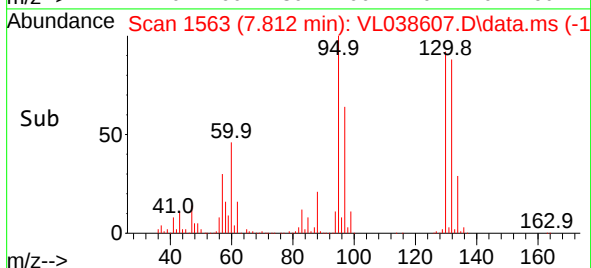
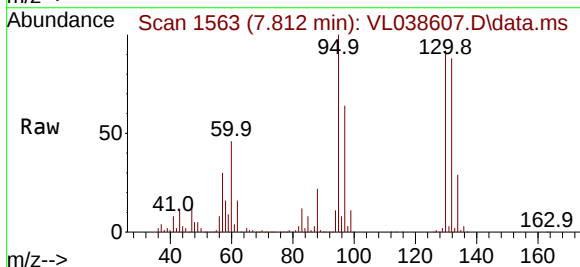
Manual Integrations
APPROVED

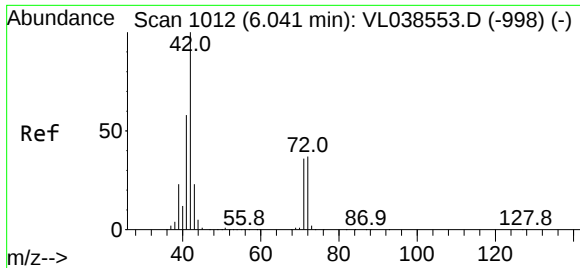
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#40
1,4-Dioxane
Concen: 11.109 ppbv
RT: 7.812 min Scan# 1563
Delta R.T. -0.009 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

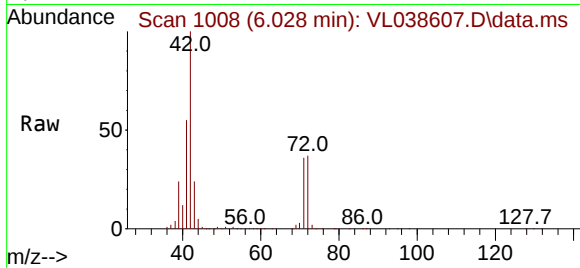
Tgt Ion: 88 Resp: 212541
Ion Ratio Lower Upper
88 100
58 155.5 126.7 190.1
43 340.8 303.0 454.6
57 1635.0 1368.6 2053.0





#41
Tetrahydrofuran
Concen: 10.728 ppbv
RT: 6.028 min Scan# 1012
Delta R.T. -0.013 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

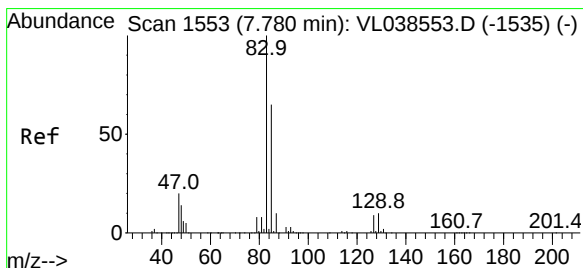
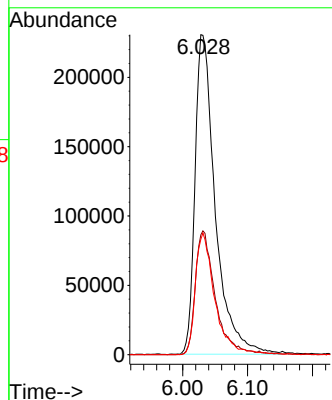
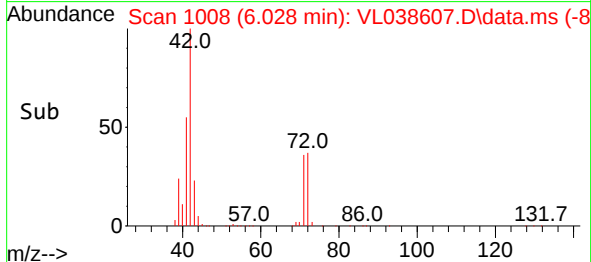
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 50106
Ion Ratio Lower Upper
42 100
72 38.7 30.9 46.3
71 37.0 29.1 43.7

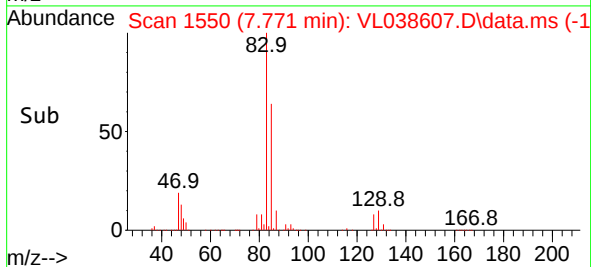
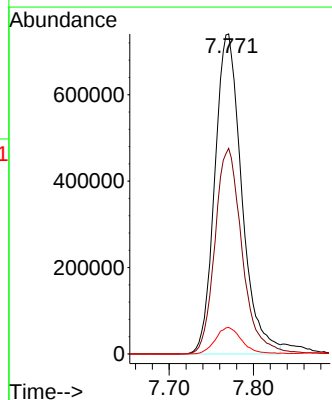
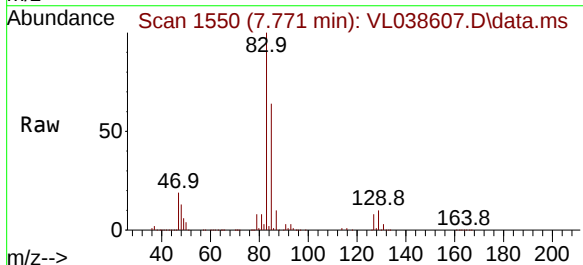
Manual Integrations
APPROVED

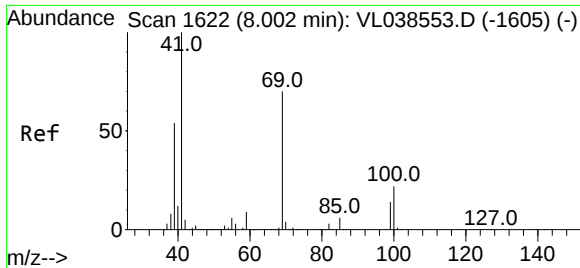
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#42
Bromodichloromethane
Concen: 10.907 ppbv
RT: 7.771 min Scan# 1550
Delta R.T. -0.009 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

Tgt Ion: 83 Resp: 1642773
Ion Ratio Lower Upper
83 100
85 64.3 51.7 77.5
127 8.3 6.9 10.3





#43
Methyl Methacrylate
Concen: 11.241 ppbv
RT: 7.992 min Scan# 1619
Delta R.T. -0.009 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

Instrument :

MSVOA_L

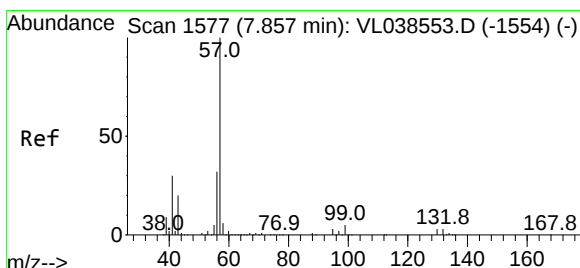
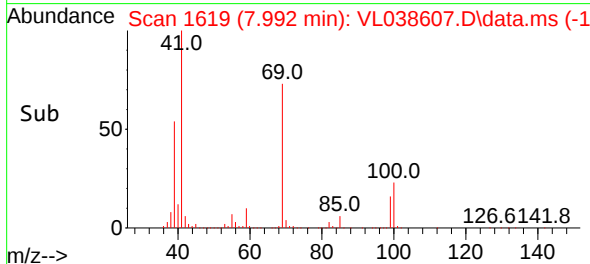
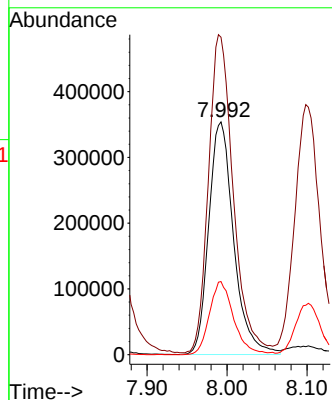
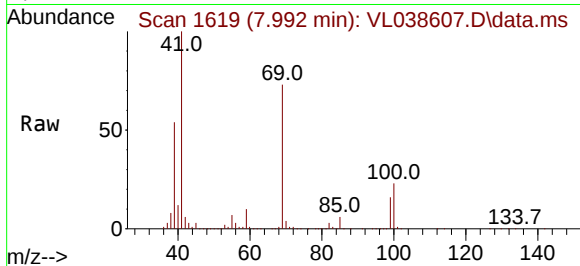
ClientSampleId :

VSTDCCC010EC

Tgt Ion: 69 Resp: 766930
Ion Ratio Lower Upper
69 100
41 136.2 113.8 170.6
100 30.7 24.4 36.6

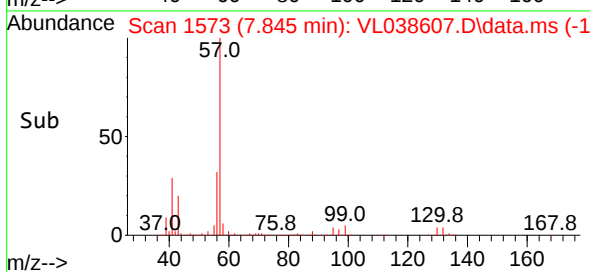
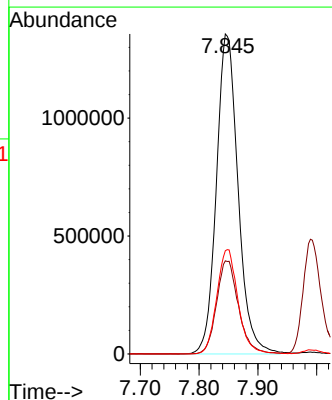
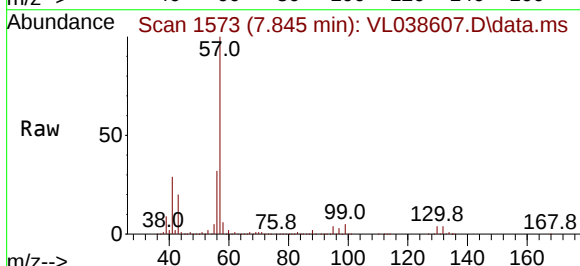
Manual Integrations
APPROVED

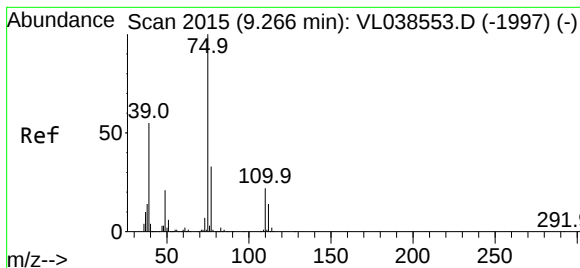
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#44
2,2,4-Trimethylpentane
Concen: 10.321 ppbv
RT: 7.845 min Scan# 1573
Delta R.T. -0.013 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

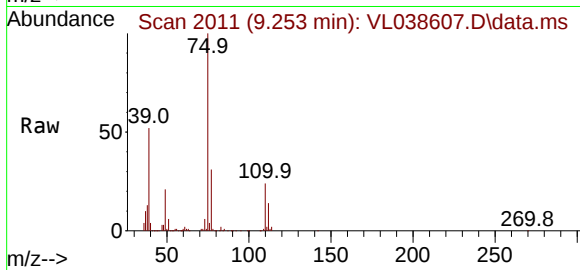
Tgt Ion: 57 Resp: 3468575
Ion Ratio Lower Upper
57 100
41 29.5 24.0 36.0
56 32.0 25.6 38.4





#45
t-1,3-Dichloropropene
Concen: 12.580 ppbv
RT: 9.253 min Scan# 2015
Delta R.T. -0.013 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

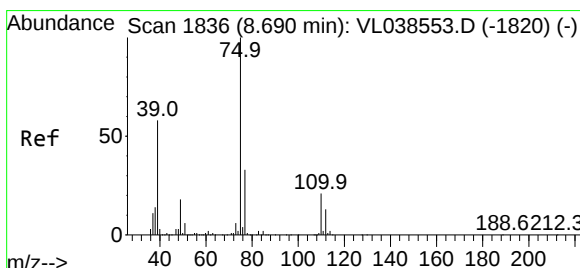
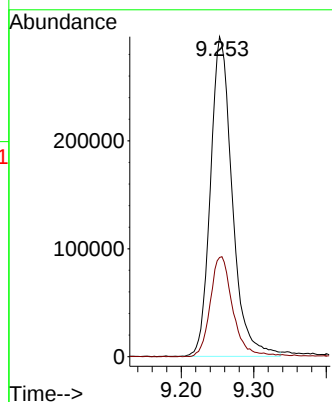
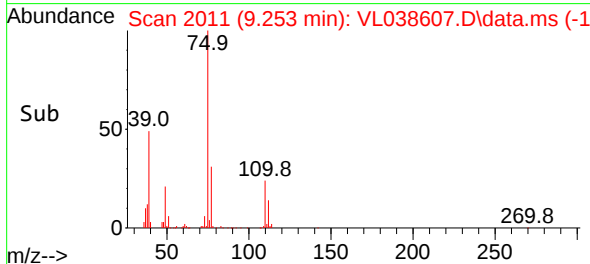
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 75 Resp: 61856
Ion Ratio Lower Upper
75 100
77 31.0 26.6 40.0

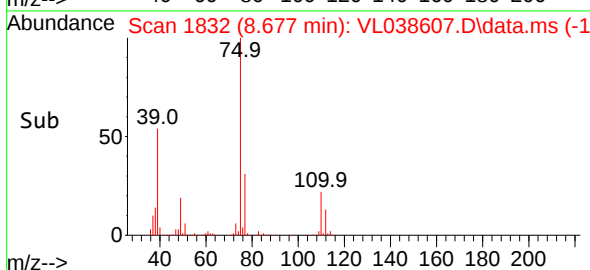
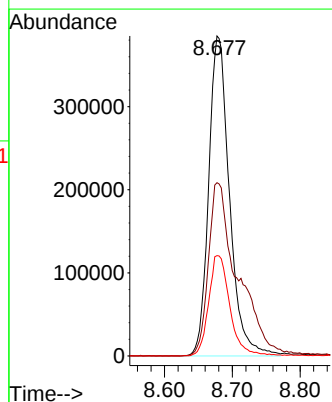
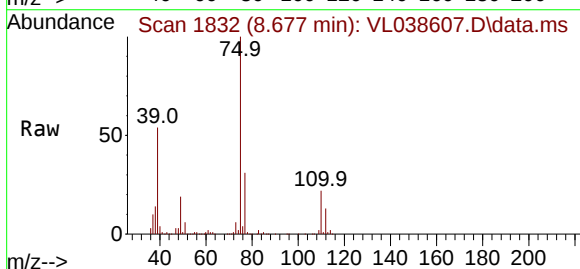
Manual Integrations
APPROVED

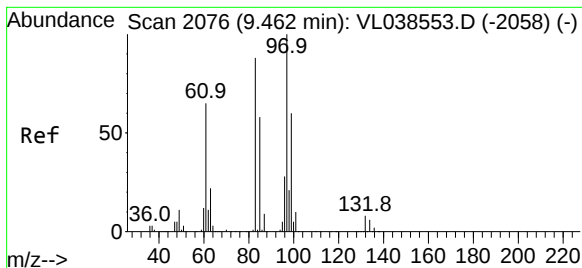
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#46
cis-1,3-Dichloropropene
Concen: 12.187 ppbv
RT: 8.677 min Scan# 1832
Delta R.T. -0.013 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

Tgt Ion: 75 Resp: 819378
Ion Ratio Lower Upper
75 100
39 54.2 46.2 69.2
77 31.3 26.2 39.2





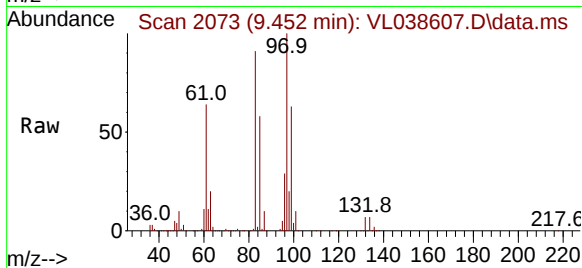
#47
1,1,2-Trichloroethane
Concen: 11.355 ppbv
RT: 9.452 min Scan# 2076
Delta R.T. -0.009 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

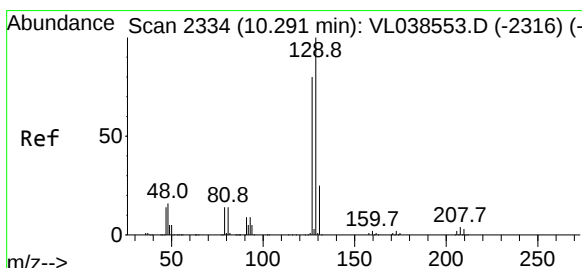
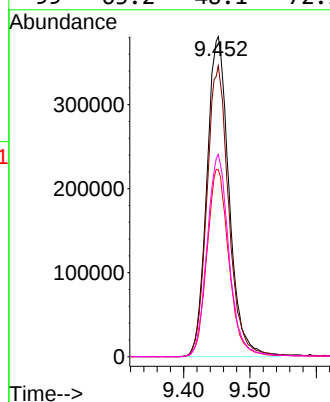
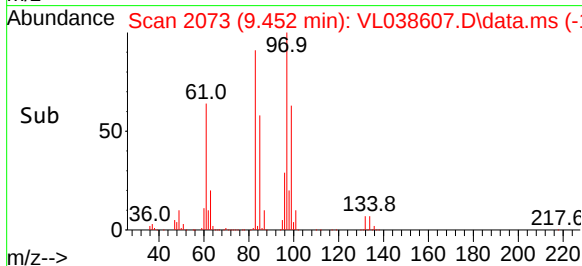


Tgt Ion: 97 Resp: 88467
Ion Ratio Lower Upper
97 100
83 90.8 70.1 105.1
85 58.3 46.6 69.8
99 63.2 48.1 72.1

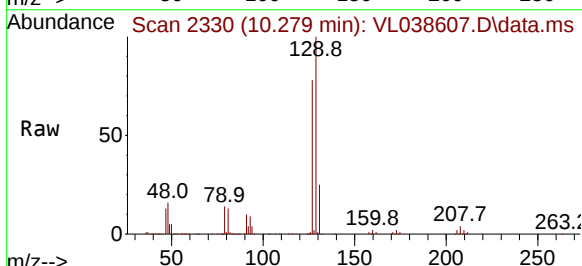
Manual Integrations

APPROVED

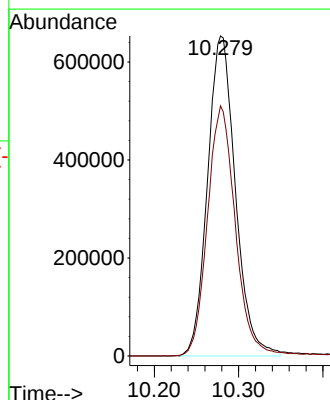
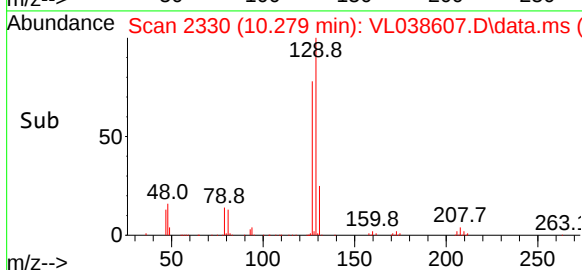
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

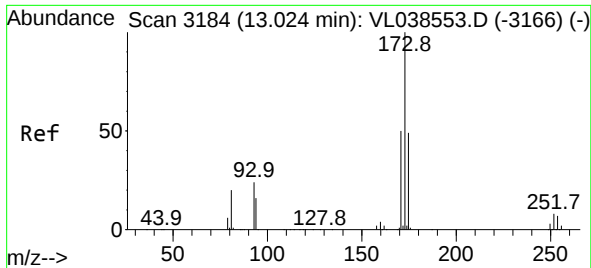


#48
Dibromochloromethane
Concen: 12.133 ppbv
RT: 10.279 min Scan# 2330
Delta R.T. -0.013 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43



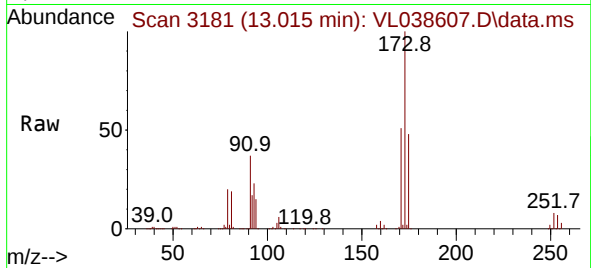
Tgt Ion:129 Resp: 1500851
Ion Ratio Lower Upper
129 100
127 79.3 39.5 118.3





#49
Bromoform
Concen: 13.738 ppbv
RT: 13.015 min Scan# 3184
Delta R.T. -0.010 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

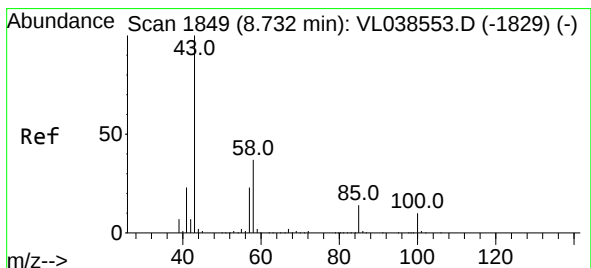
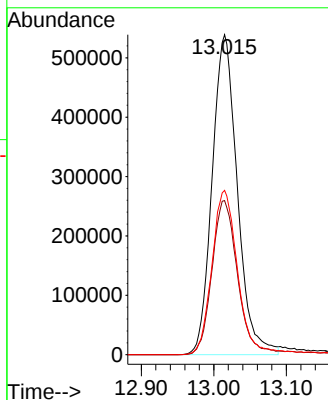
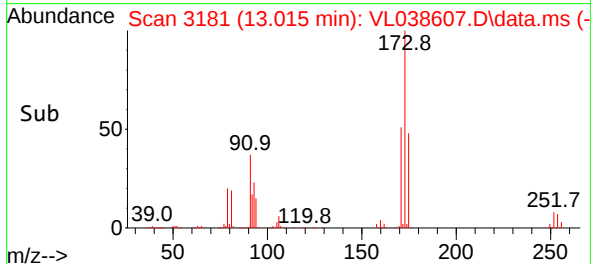
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:173 Resp: 1301698
Ion Ratio Lower Upper
173 100
175 50.8 40.7 61.1
171 54.0 42.9 64.3

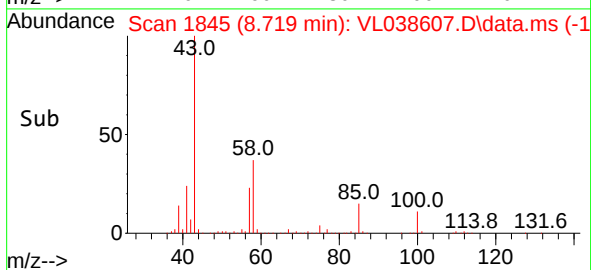
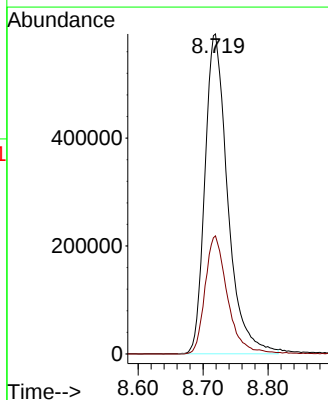
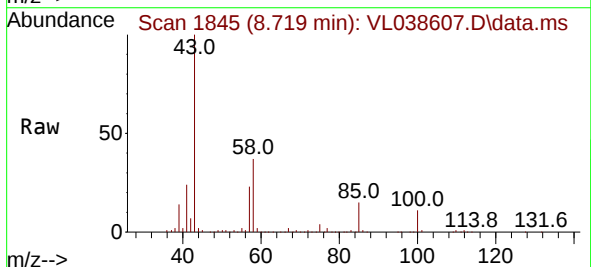
Manual Integrations
APPROVED

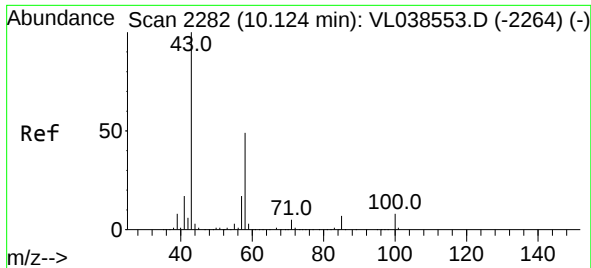
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#50
4-Methyl-2-Pentanone
Concen: 12.358 ppbv
RT: 8.719 min Scan# 1845
Delta R.T. -0.013 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

Tgt Ion: 43 Resp: 1446312
Ion Ratio Lower Upper
43 100
58 36.8 29.2 43.8





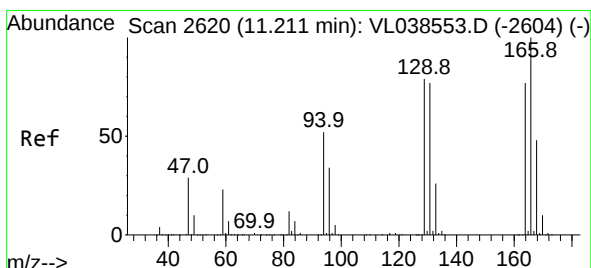
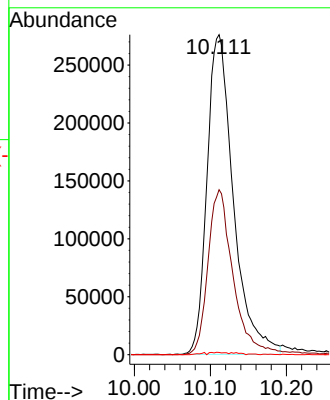
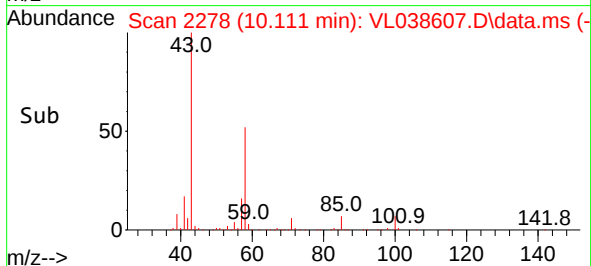
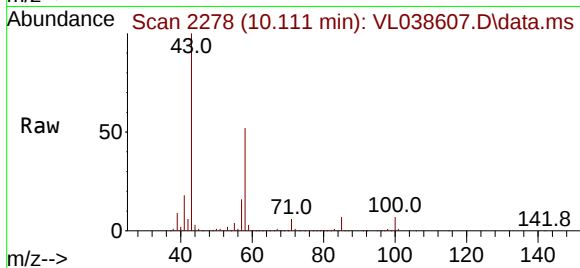
#51
2-Hexanone
Concen: 13.424 ppbv
RT: 10.111 min Scan# 2111
Delta R.T. -0.013 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 663928
Ion Ratio Lower Upper
43 100
58 50.1 40.1 60.1
98 1.0 0.4 0.6

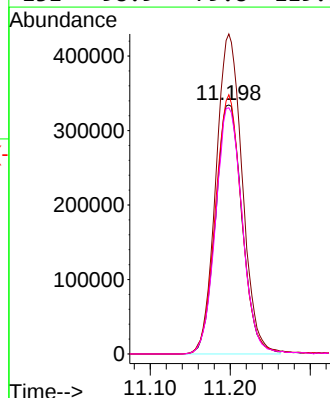
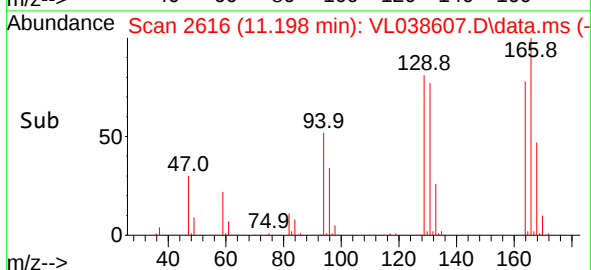
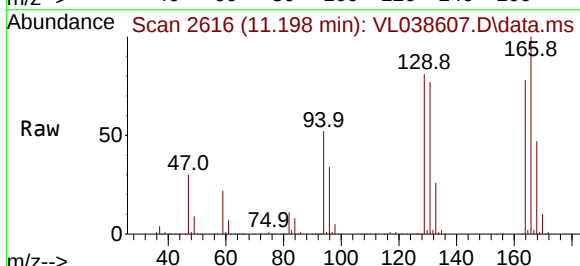
Manual Integrations
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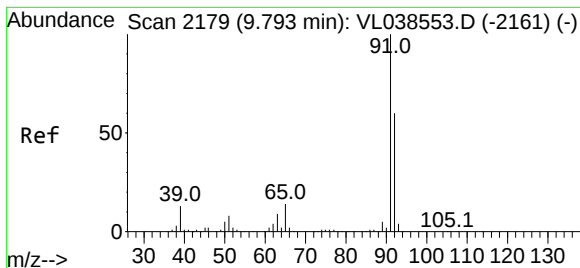
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#52
Tetrachloroethene
Concen: 10.607 ppbv
RT: 11.198 min Scan# 2616
Delta R.T. -0.013 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

Tgt Ion:164 Resp: 772761
Ion Ratio Lower Upper
164 100
166 128.5 103.4 155.2
129 104.1 81.3 121.9
131 98.9 79.8 119.8





#53

Toluene

Concen: 11.400 ppbv

RT: 9.780 min Scan# 2179

Delta R.T. -0.013 min

Lab File: VL038607.D

Acq: 15 Mar 2022 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 2418824

Ion Ratio Lower Upper

91 100

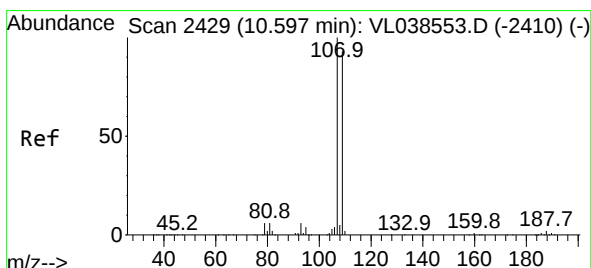
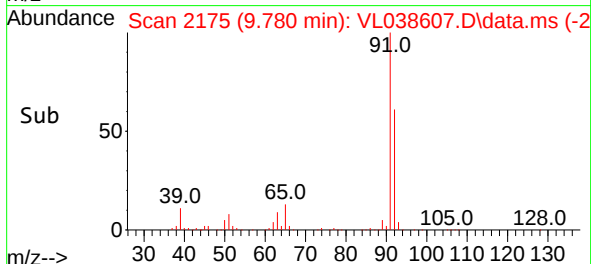
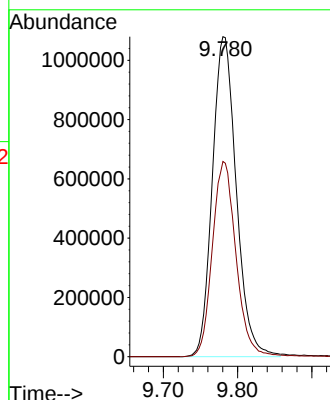
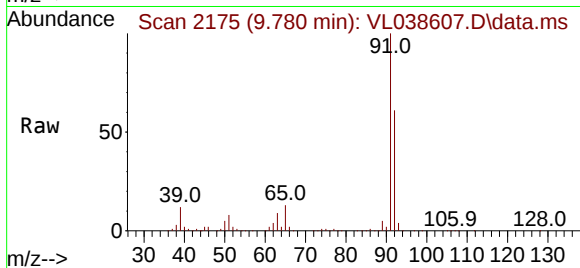
92 60.7 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022



#54

1,2-Dibromoethane

Concen: 11.522 ppbv

RT: 10.587 min Scan# 2426

Delta R.T. -0.009 min

Lab File: VL038607.D

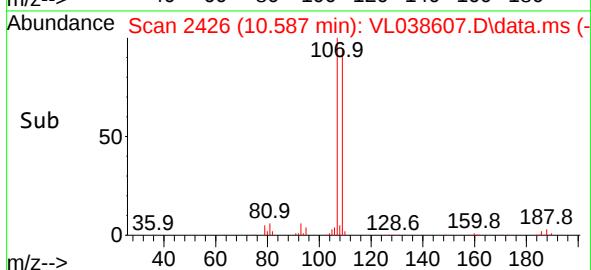
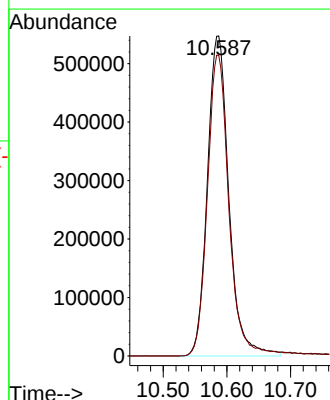
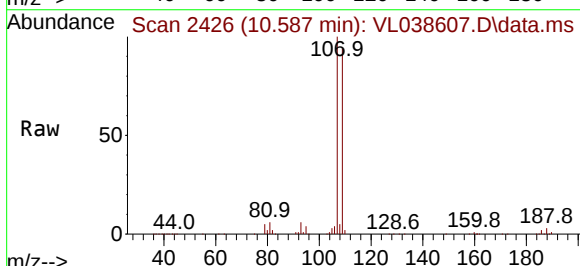
Acq: 15 Mar 2022 9:43

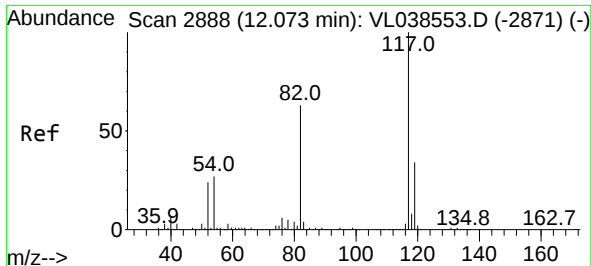
Tgt Ion:107 Resp: 1282690

Ion Ratio Lower Upper

107 100

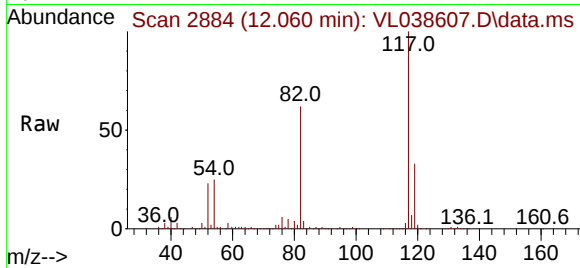
109 94.0 74.6 112.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.060 min Scan# 2884
Delta R.T. -0.013 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

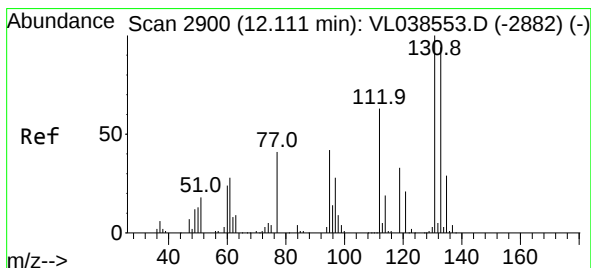
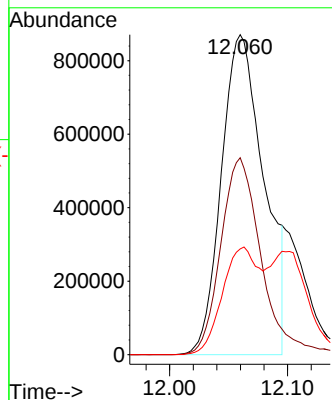
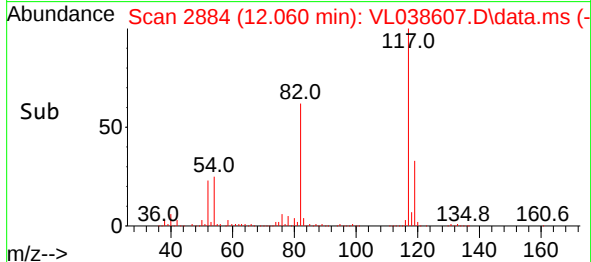
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



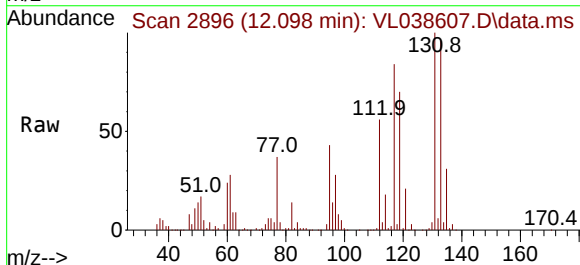
Tgt Ion:117 Resp: 2186139
Ion Ratio Lower Upper
117 100
82 60.3 52.5 78.7
119 29.0 46.4 69.6

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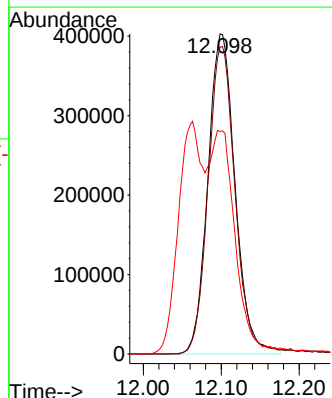
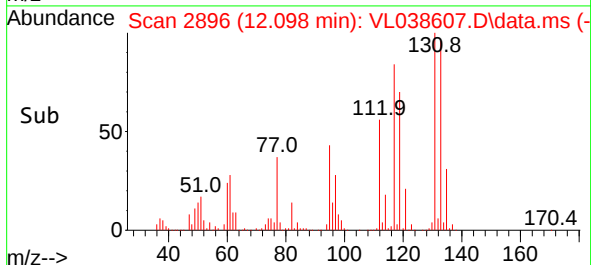
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

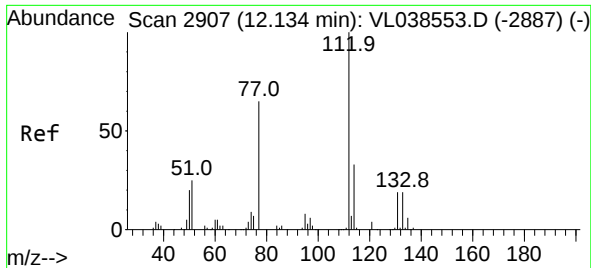


#56
1,1,1,2-Tetrachloroethane
Concen: 10.966 ppbv
RT: 12.098 min Scan# 2896
Delta R.T. -0.013 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43



Tgt Ion:131 Resp: 976451
Ion Ratio Lower Upper
131 100
133 97.2 78.0 117.0
119 66.3 53.1 79.7





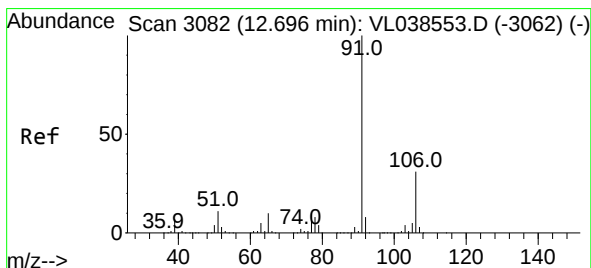
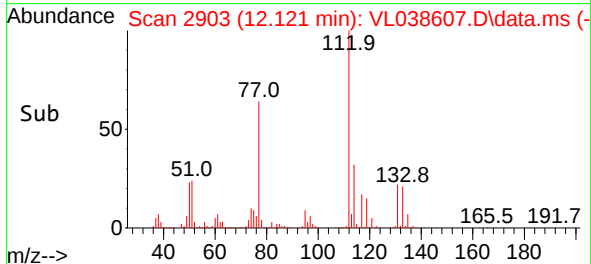
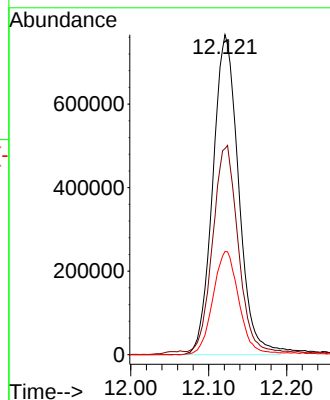
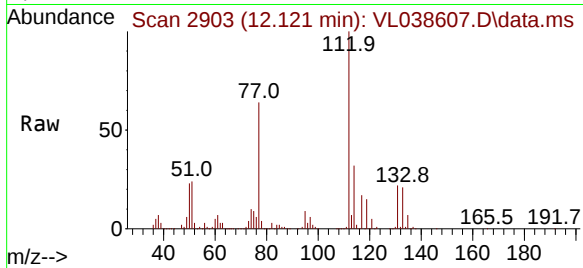
#57
Chlorobenzene
Concen: 10.567 ppbv
RT: 12.121 min Scan# 2903
Delta R.T. -0.013 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 176376
Ion Ratio Lower Upper
112 100
77 63.3 52.5 78.7
114 32.3 30.0 36.6

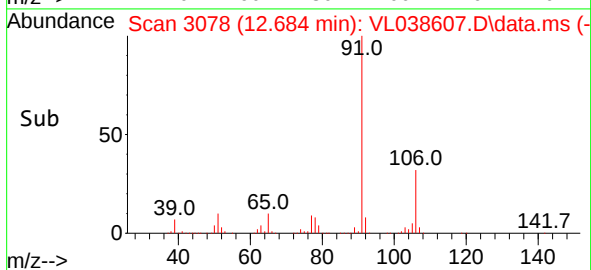
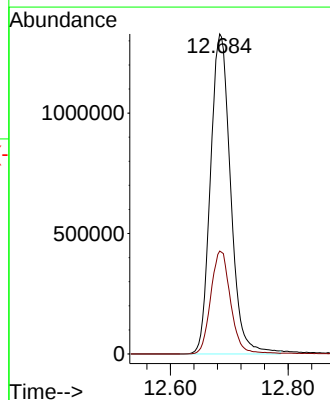
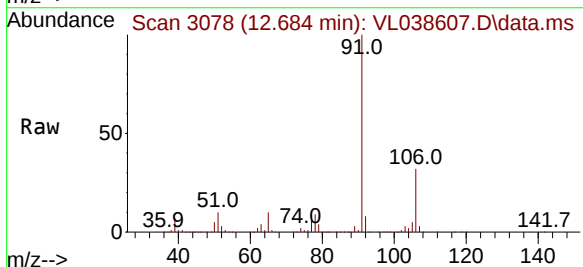
Manual Integrations
APPROVED

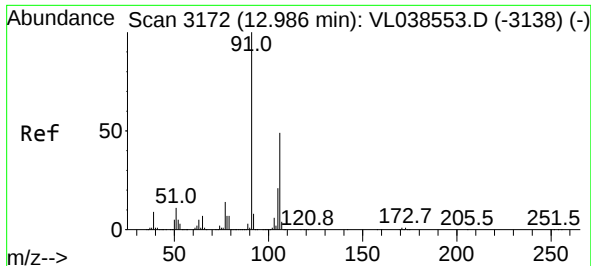
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#58
Ethyl Benzene
Concen: 11.152 ppbv
RT: 12.684 min Scan# 3078
Delta R.T. -0.013 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

Tgt Ion: 91 Resp: 3156502
Ion Ratio Lower Upper
91 100
106 32.2 24.6 37.0





#59

m/p-Xylene

Concen: 21.428 ppbv m

RT: 12.970 min Scan# 31

Delta R.T. -0.016 min

Lab File: VL038607.D

Acq: 15 Mar 2022 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 519255

Ion Ratio Lower Upper

91 100

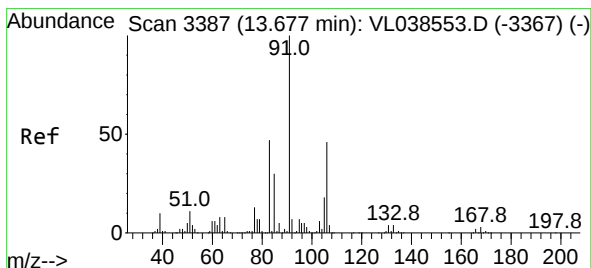
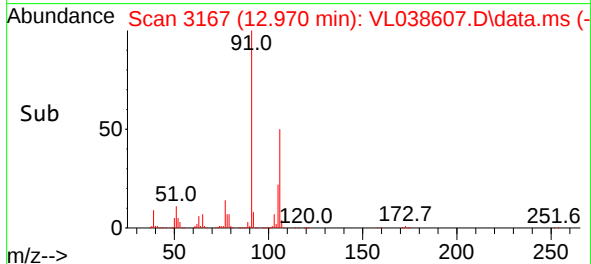
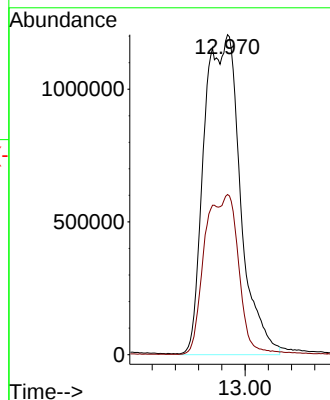
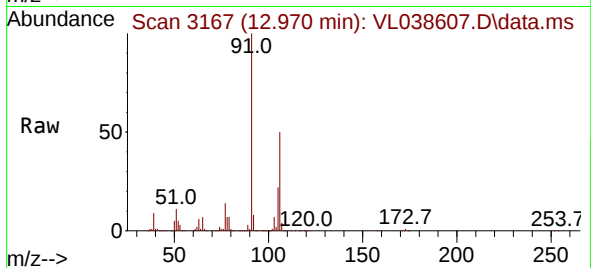
106 47.6 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022



#60

o-Xylene

Concen: 10.856 ppbv

RT: 13.667 min Scan# 3384

Delta R.T. -0.009 min

Lab File: VL038607.D

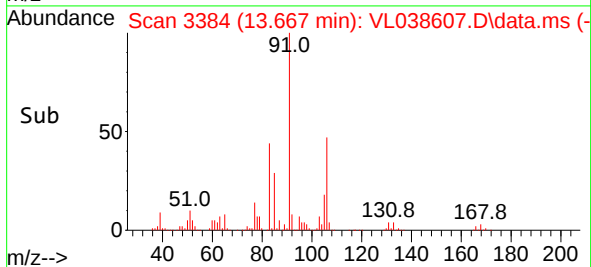
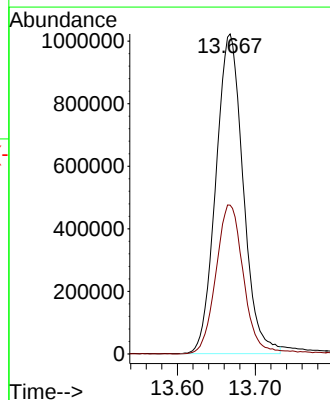
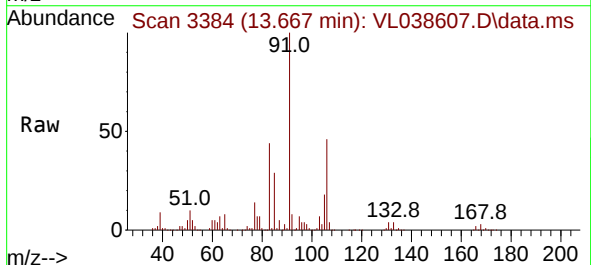
Acq: 15 Mar 2022 9:43

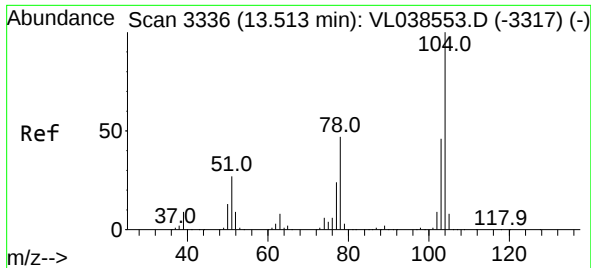
Tgt Ion: 91 Resp: 2483938

Ion Ratio Lower Upper

91 100

106 48.4 23.5 70.6





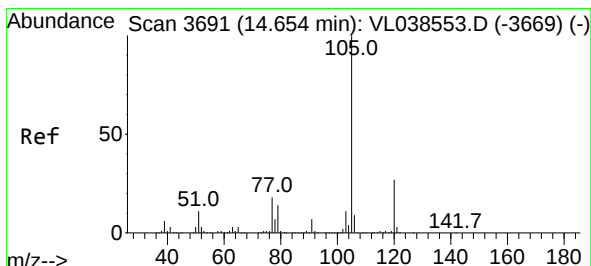
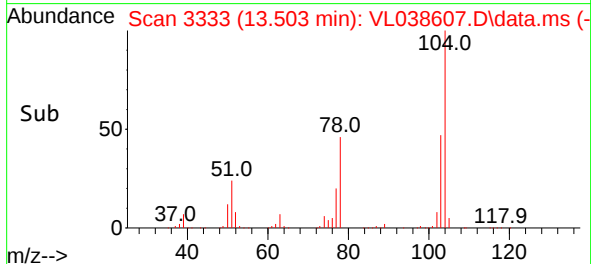
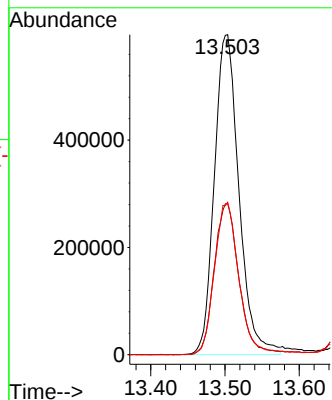
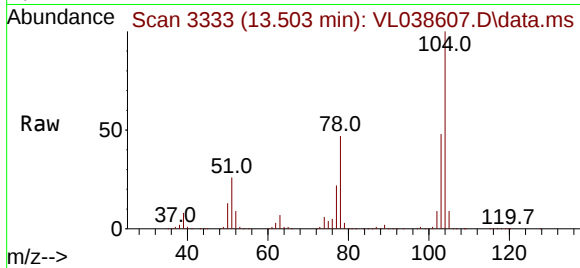
#61
Styrene
Concen: 12.183 ppbv
RT: 13.503 min Scan# 31
Delta R.T. -0.009 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:104 Resp: 137371
Ion Ratio Lower Upper
104 100
78 48.2 39.0 58.4
103 47.9 38.0 57.0

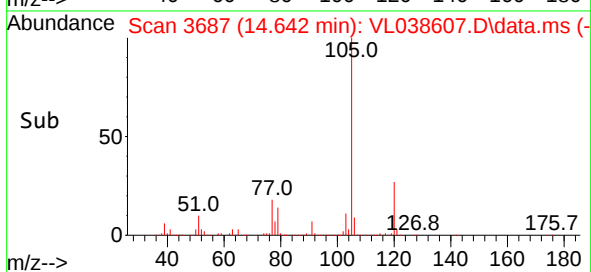
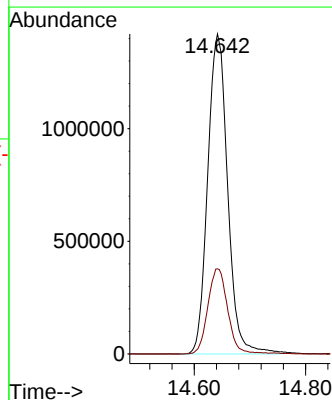
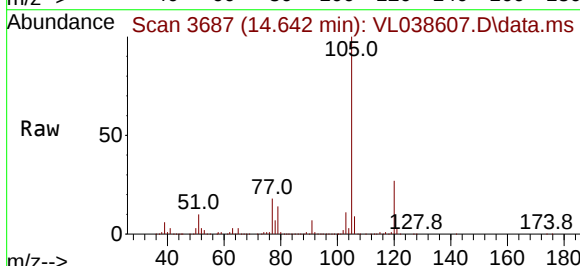
Manual Integrations
APPROVED

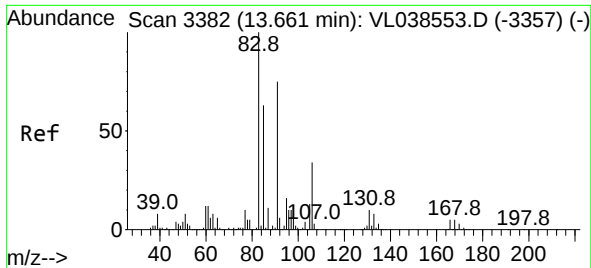
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#62
Isopropylbenzene
Concen: 11.178 ppbv
RT: 14.642 min Scan# 3687
Delta R.T. -0.013 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

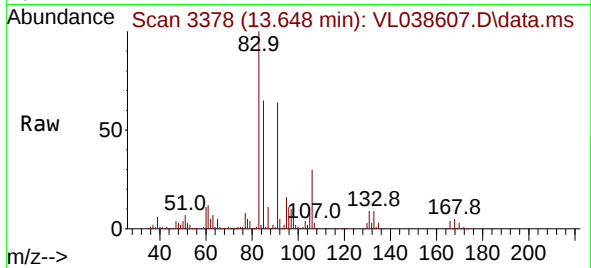
Tgt Ion:105 Resp: 3529151
Ion Ratio Lower Upper
105 100
120 26.7 21.2 31.8





#63
1,1,2,2-Tetrachloroethane
Concen: 10.269 ppbv
RT: 13.648 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

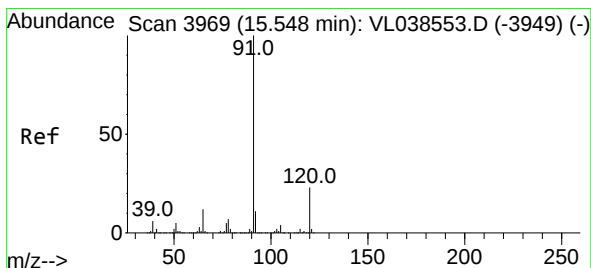
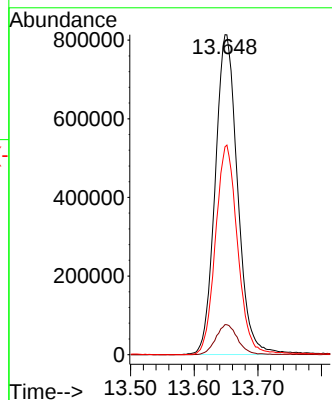
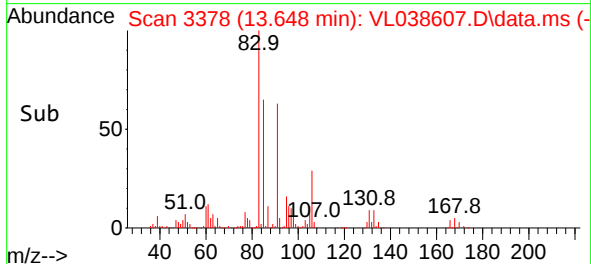
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 1985410
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.1
85 65.6 32.6 98.0

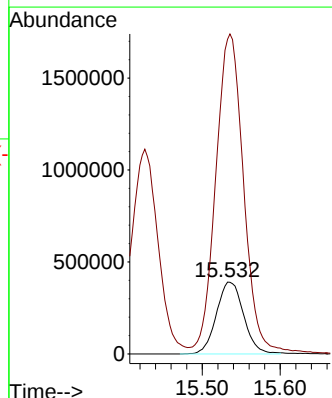
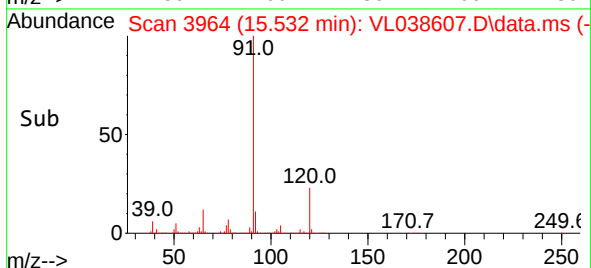
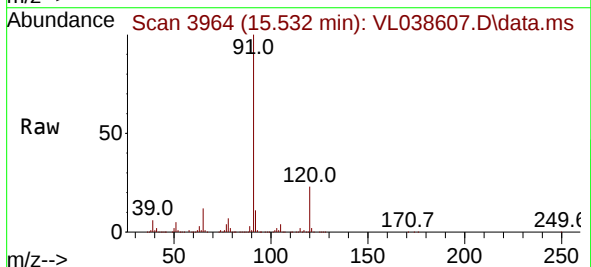
Manual Integrations
APPROVED

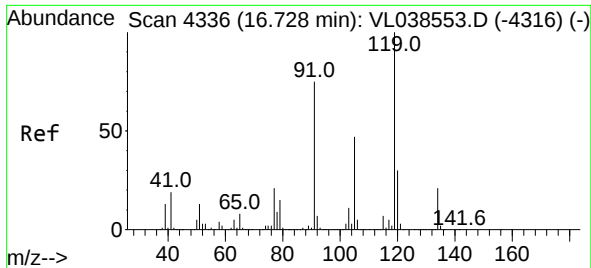
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#64
n-propylbenzene
Concen: 11.794 ppbv
RT: 15.532 min Scan# 3964
Delta R.T. -0.016 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

Tgt Ion:120 Resp: 949007
Ion Ratio Lower Upper
120 100
91 456.7 374.2 561.2





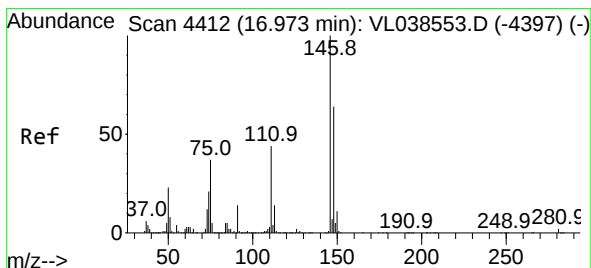
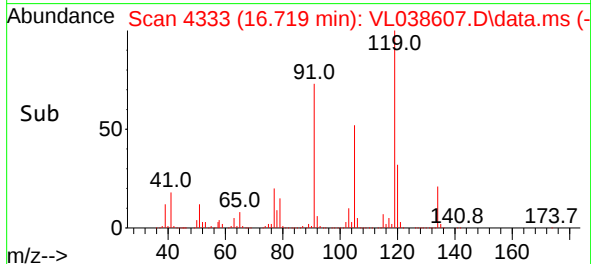
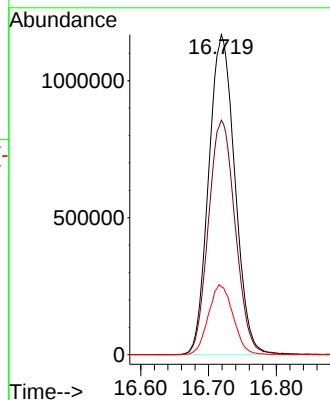
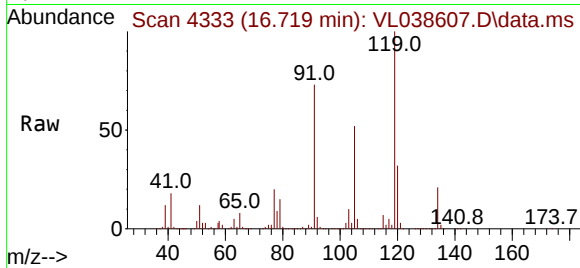
#65
tert-Butylbenzene
Concen: 11.090 ppbv
RT: 16.719 min Scan# 411
Delta R.T. -0.009 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 313128
Ion Ratio Lower Upper
119 100
91 75.3 61.2 91.8
134 20.7 16.2 24.2

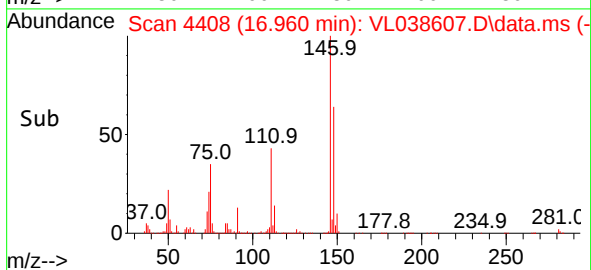
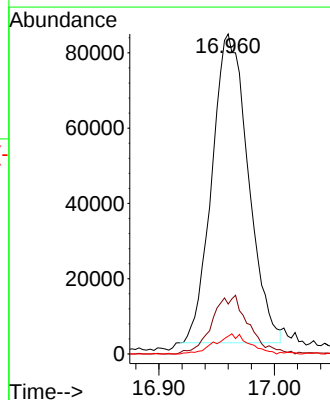
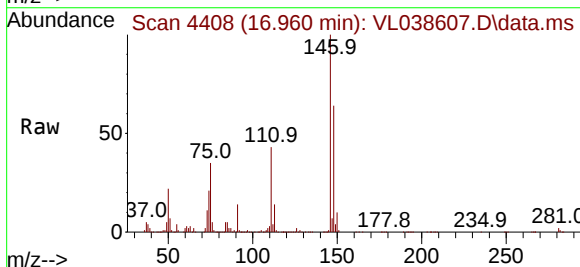
Manual Integrations
APPROVED

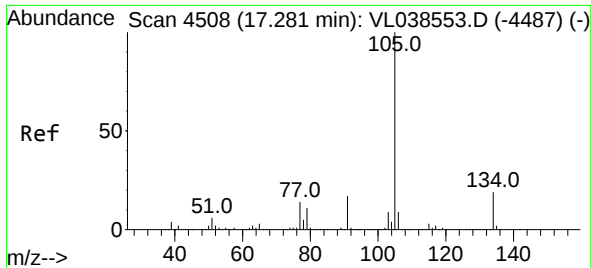
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#66
Benzyl Chloride
Concen: 10.708 ppbv
RT: 16.960 min Scan# 4408
Delta R.T. -0.013 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

Tgt Ion: 91 Resp: 179139
Ion Ratio Lower Upper
91 100
126 19.3 14.1 21.1
128 6.4 5.1 7.7





#67
 sec-Butylbenzene
 Concen: 11.088 ppbv
 RT: 17.269 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL038607.D
 Acq: 15 Mar 2022 9:43

Instrument :

MSVOA_L

ClientSampleId :

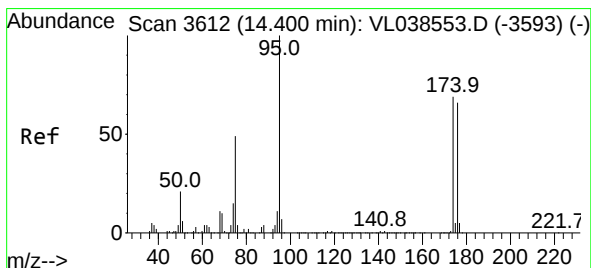
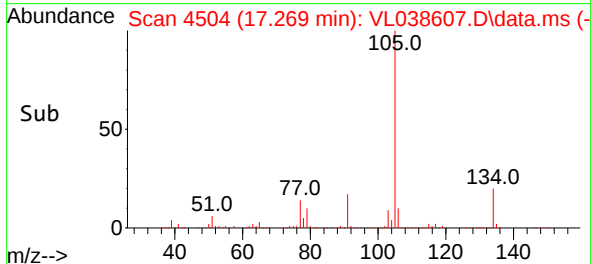
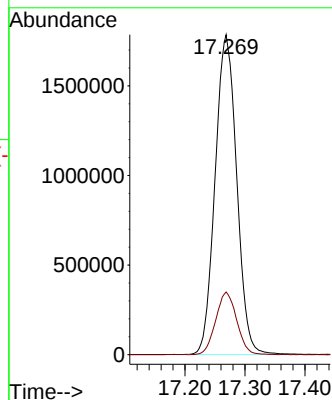
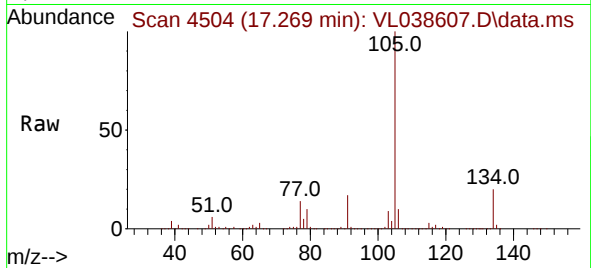
VSTDCCC010EC

Tgt Ion:105 Resp: 444944
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.0 22.6

Manual Integrations

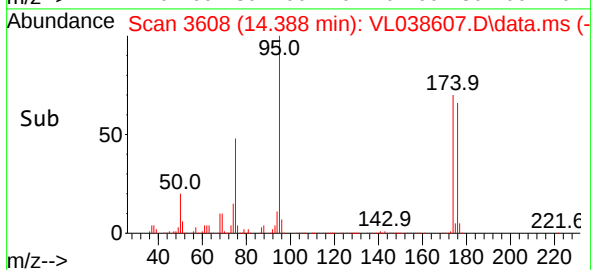
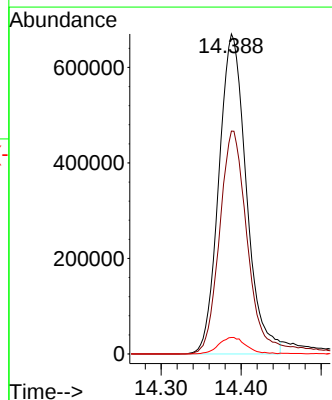
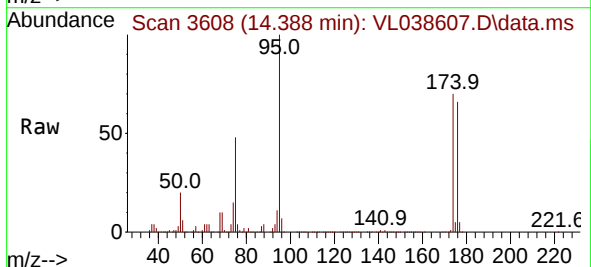
APPROVED

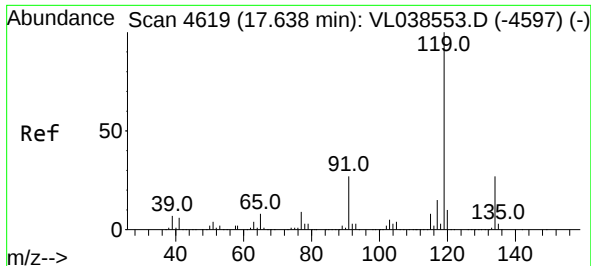
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.614 ppbv
 RT: 14.388 min Scan# 3608
 Delta R.T. -0.013 min
 Lab File: VL038607.D
 Acq: 15 Mar 2022 9:43

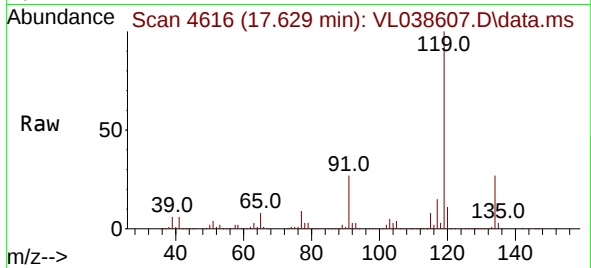
Tgt Ion: 95 Resp: 1597876
 Ion Ratio Lower Upper
 95 100
 174 73.5 56.2 84.4
 175 5.3 4.2 6.2





#69
p-Isopropyltoluene
Concen: 11.000 ppbv
RT: 17.629 min Scan# 4619
Delta R.T. -0.010 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

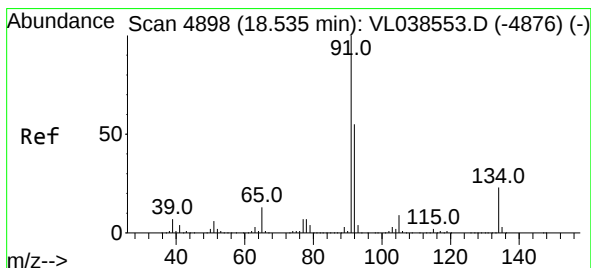
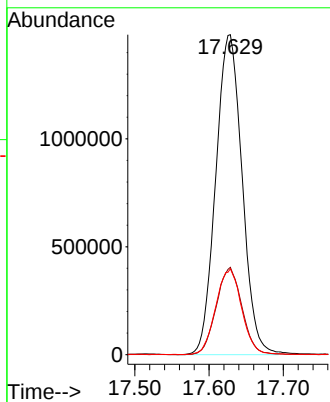
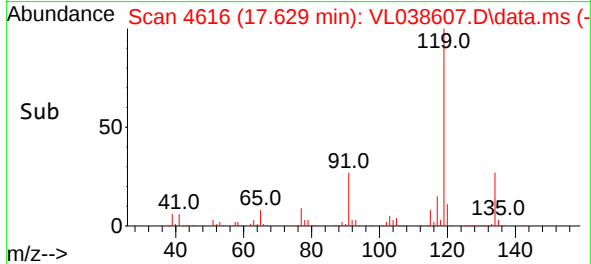
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



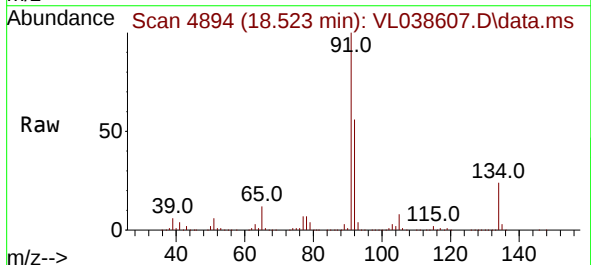
Tgt Ion:119 Resp: 365692
Ion Ratio Lower Upper
119 100
134 26.6 20.9 31.3
91 26.2 21.1 31.7

Manual Integrations
APPROVED

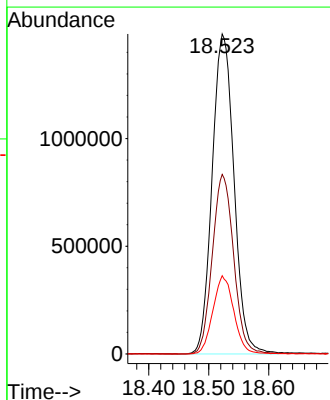
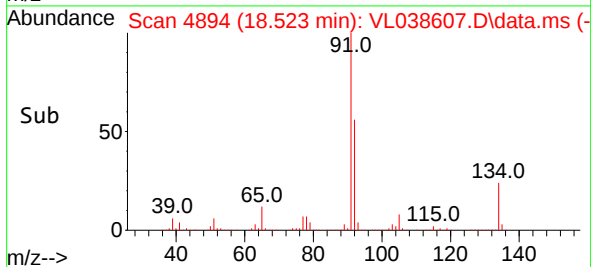
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

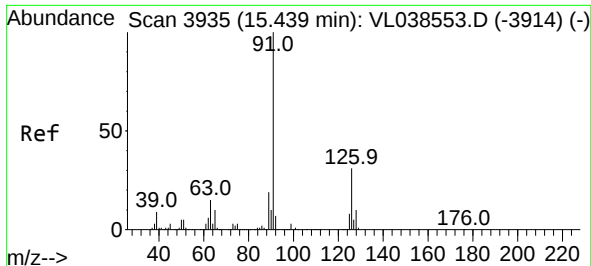


#70
n-Butylbenzene
Concen: 10.612 ppbv
RT: 18.523 min Scan# 4894
Delta R.T. -0.013 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43



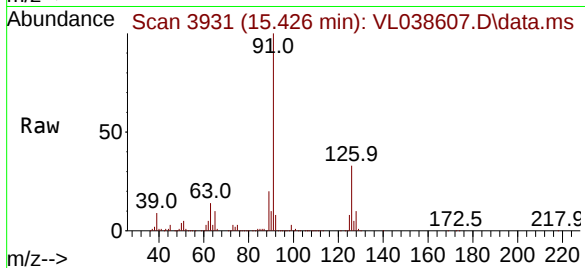
Tgt Ion: 91 Resp: 3757428
Ion Ratio Lower Upper
91 100
92 54.9 43.8 65.8
134 23.4 18.7 28.1





#71
2-Chlorotoluene
Concen: 11.251 ppbv
RT: 15.426 min Scan# 3935
Delta R.T. -0.013 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

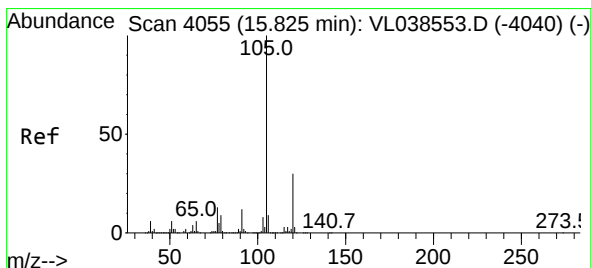
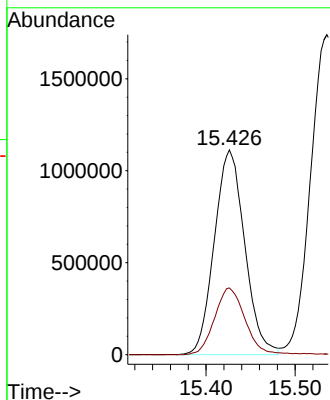
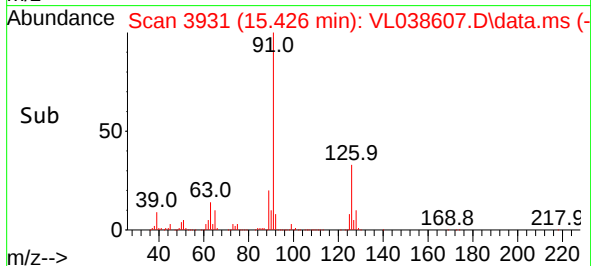
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



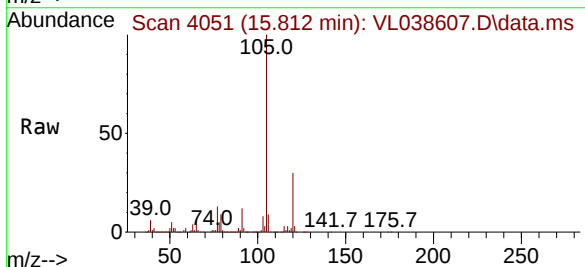
Tgt Ion: 91 Resp: 2637440
Ion Ratio Lower Upper
91 100
126 33.3 12.9 51.7

Manual Integrations
APPROVED

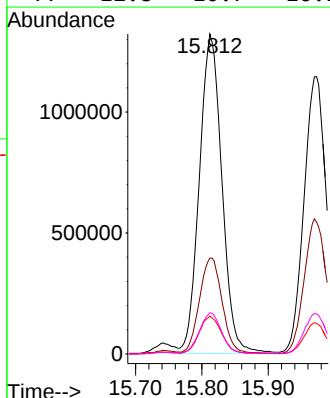
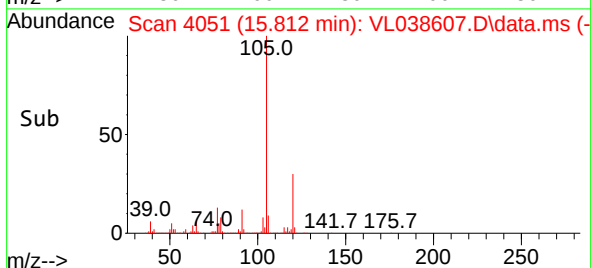
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

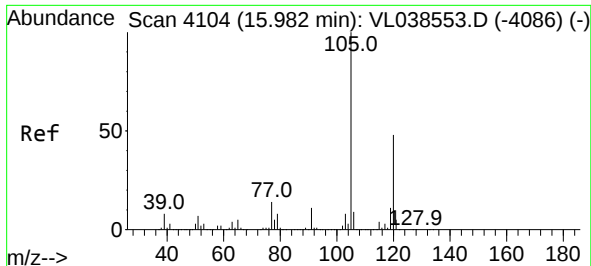


#72
4-Ethyltoluene
Concen: 11.865 ppbv
RT: 15.812 min Scan# 4051
Delta R.T. -0.013 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43



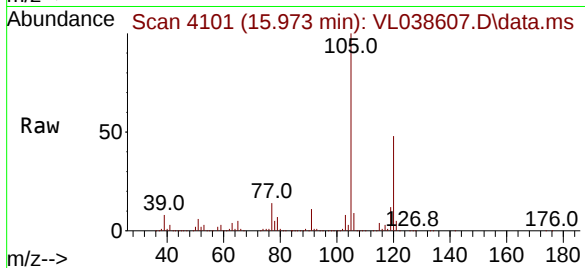
Tgt Ion:105 Resp: 3118582
Ion Ratio Lower Upper
105 100
120 30.6 25.0 37.4
91 11.7 9.8 14.6
77 12.8 10.7 16.1





#73
 1,3,5-Trimethylbenzene
 Concen: 11.147 ppbv
 RT: 15.973 min Scan# 4101
 Delta R.T. -0.009 min
 Lab File: VL038607.D
 Acq: 15 Mar 2022 9:43

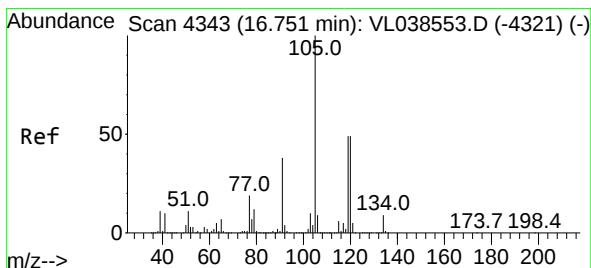
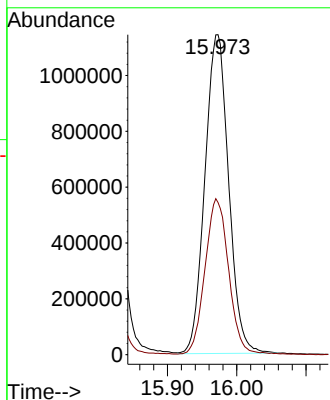
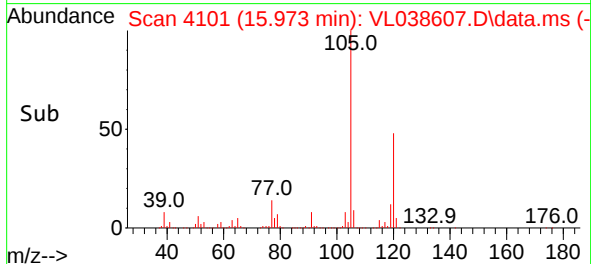
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



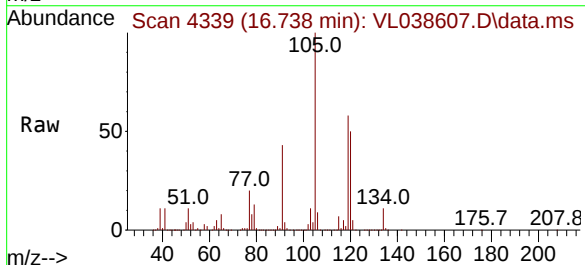
Tgt Ion:105 Resp: 271988
 Ion Ratio Lower Upper
 105 100
 120 47.6 38.3 57.5

Manual Integrations
 APPROVED

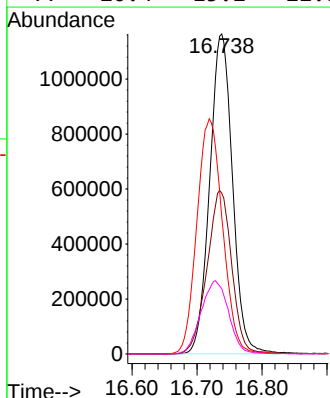
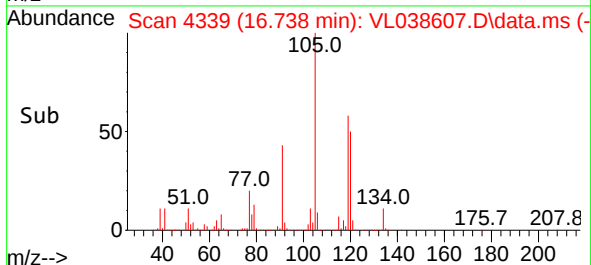
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022

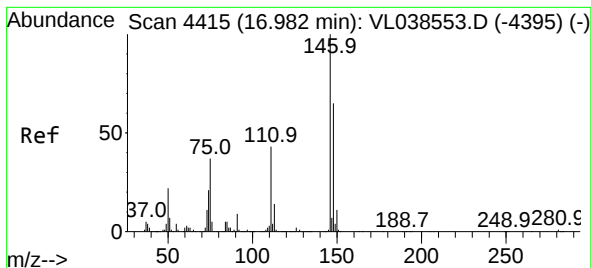


#74
 1,2,4-Trimethylbenzene
 Concen: 10.873 ppbv
 RT: 16.738 min Scan# 4339
 Delta R.T. -0.013 min
 Lab File: VL038607.D
 Acq: 15 Mar 2022 9:43



Tgt Ion:105 Resp: 2834013
 Ion Ratio Lower Upper
 105 100
 120 50.1 38.9 58.3
 91 42.7 30.6 46.0
 77 20.4 15.2 22.8





#75

1,3-Dichlorobenzene

Concen: 11.018 ppbv

RT: 16.970 min Scan# 4411

Delta R.T. -0.013 min

Lab File: VL038607.D

Acq: 15 Mar 2022 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 1811918

Ion Ratio Lower Upper

146 100

111 43.4 21.9 65.8

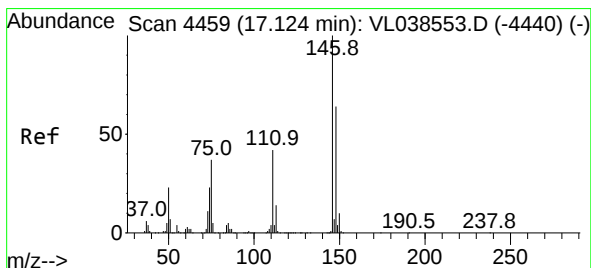
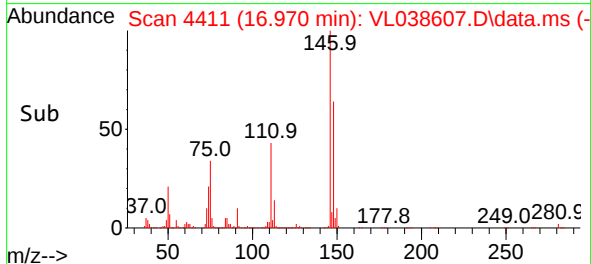
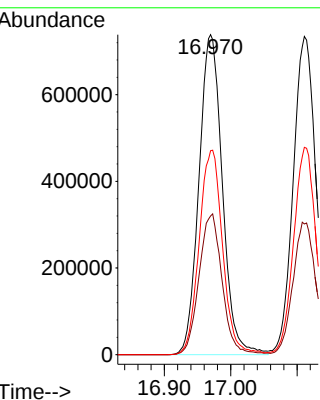
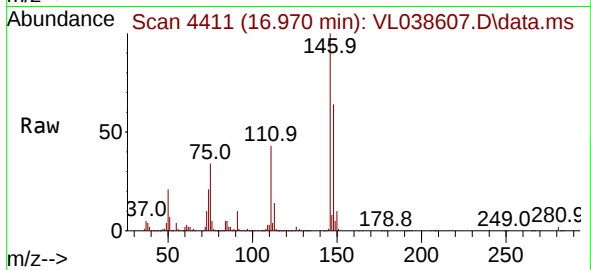
148 64.1 32.2 96.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022



#76

1,4-Dichlorobenzene

Concen: 10.766 ppbv

RT: 17.111 min Scan# 4455

Delta R.T. -0.013 min

Lab File: VL038607.D

Acq: 15 Mar 2022 9:43

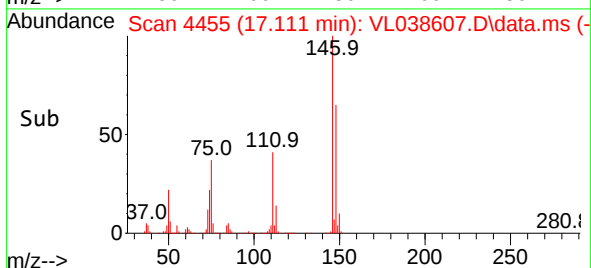
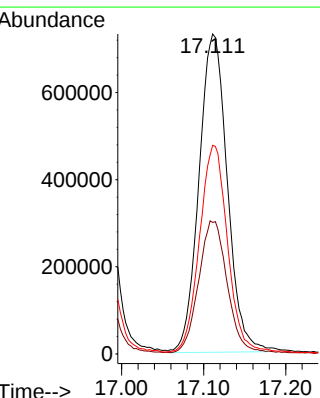
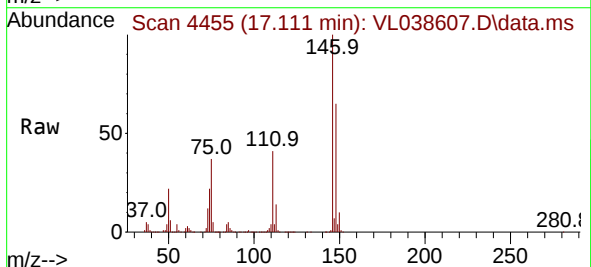
Tgt Ion:146 Resp: 1753692

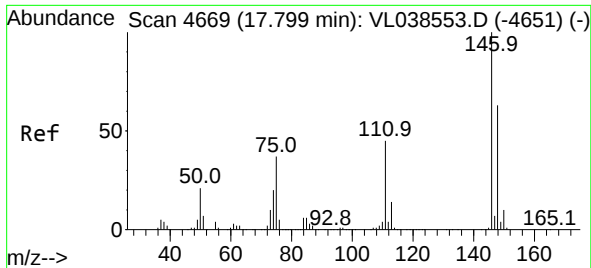
Ion Ratio Lower Upper

146 100

111 42.6 21.8 65.3

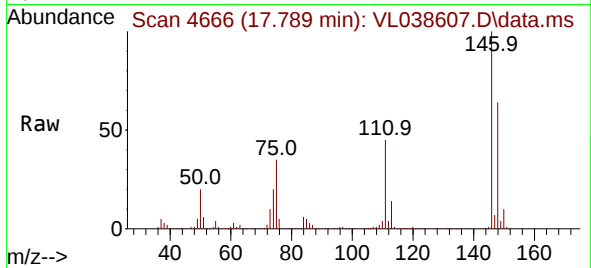
148 66.0 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 10.508 ppbv
RT: 17.789 min Scan# 4666
Delta R.T. -0.009 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43

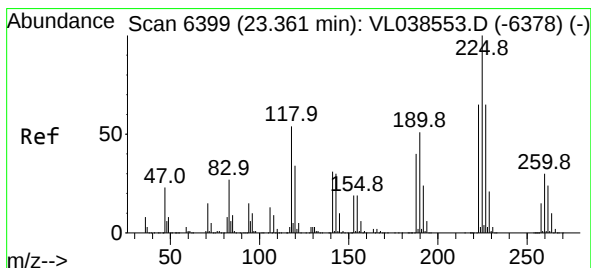
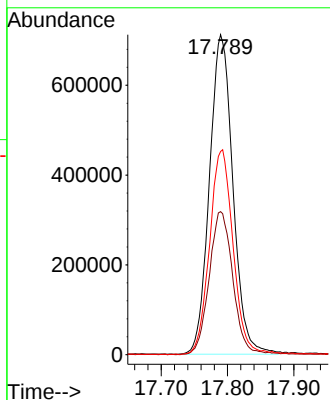
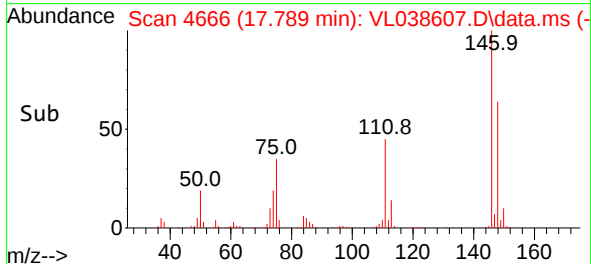
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



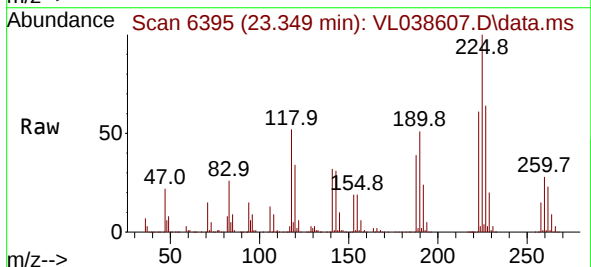
Tgt Ion:146 Resp: 174823
Ion Ratio Lower Upper
146 100
111 45.5 23.2 69.5
148 64.7 32.6 98.0

Manual Integrations
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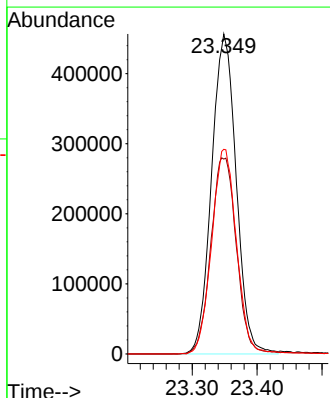
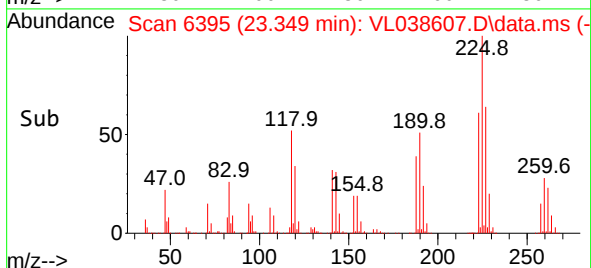
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

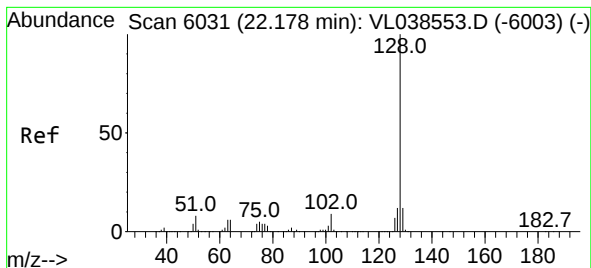


#78
Hexachloro-1,3-Butadiene
Concen: 7.400 ppbv
RT: 23.349 min Scan# 6395
Delta R.T. -0.013 min
Lab File: VL038607.D
Acq: 15 Mar 2022 9:43



Tgt Ion:225 Resp: 1200909
Ion Ratio Lower Upper
225 100
223 64.1 51.4 77.0
227 64.9 51.9 77.9





#79

Naphthalene

Concen: 9.074 ppbv

RT: 22.162 min Scan# 6031

Delta R.T. -0.016 min

Lab File: VL038607.D

Acq: 15 Mar 2022 9:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

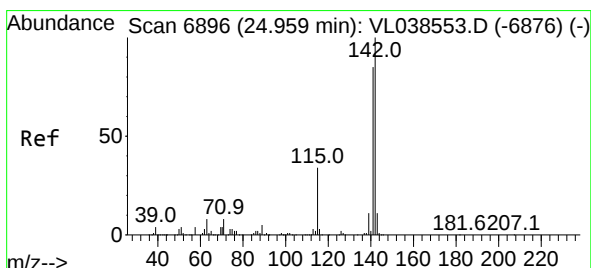
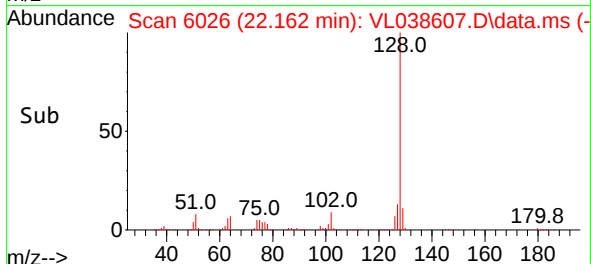
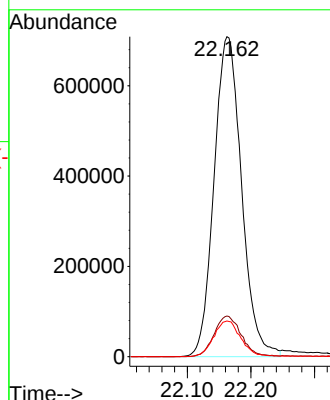
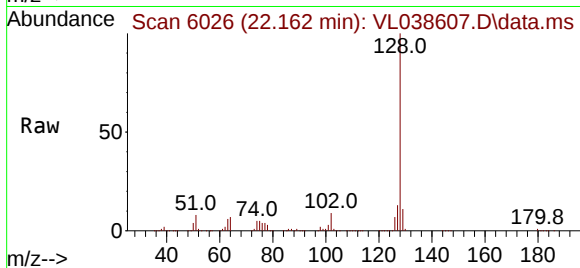
Tgt Ion:128 Resp: 2127794

Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.9	14.9
129	11.2	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#80

Naphthalene,2-methyl-

Concen: 11.687 ppbv

RT: 24.950 min Scan# 6893

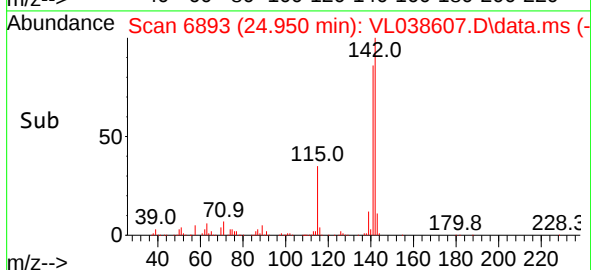
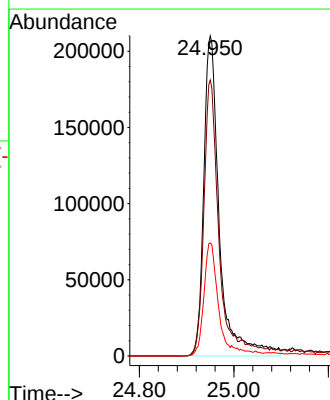
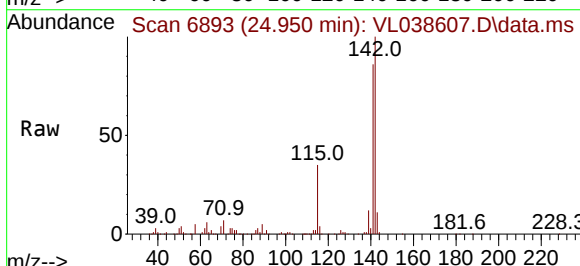
Delta R.T. -0.009 min

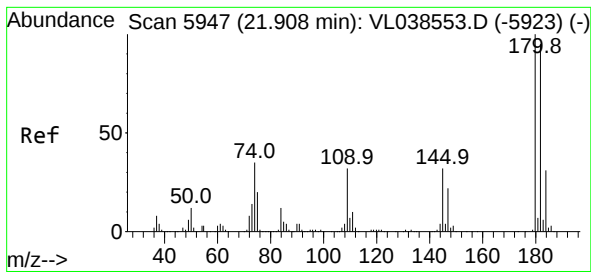
Lab File: VL038607.D

Acq: 15 Mar 2022 9:43

Tgt Ion:142 Resp: 483708

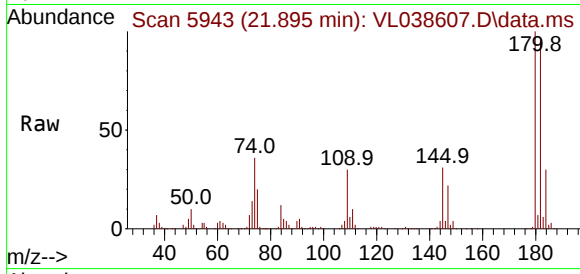
Ion	Ratio	Lower	Upper
142	100		
141	84.7	68.4	102.6
115	35.0	27.9	41.9





#81
 1,2,4-Trichlorobenzene
 Concen: 8.490 ppbv m
 RT: 21.895 min Scan# 5943
 Delta R.T. -0.013 min
 Lab File: VL038607.D
 Acq: 15 Mar 2022 9:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1272050
 Ion Ratio Lower Upper
 180 100
 182 0.0 79.1 118.7
 184 0.0 25.0 37.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022

