

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
 Data File : VL038792.D
 Acq On : 29 Mar 2022 7:37
 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 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 08:26:43 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 29 2022

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.652	49	857593	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	2496120	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.066	117	2118992m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.394 95 1730396 10.651 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 106.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.047	85	1054730	9.149	ppbv	100
3) Chlorodifluoromethane	2.986	51	903055	9.970	ppbv	98
4) Chloromethane	3.137	50	500557	10.065	ppbv	96
5) Vinyl Chloride	3.253	62	475941	9.419	ppbv	98
6) Bromomethane	3.469	94	253408	9.407	ppbv	98
7) Chloroethane	3.552	64	164420	9.829	ppbv	94
8) Dichlorotetrafluoroethane	3.186	85	1082525	9.405	ppbv	91
9) Propene	3.009	41	442866	10.128	ppbv	99
10) Heptane	8.105	43	1116520	10.681	ppbv	99
11) Trichlorofluoromethane	3.944	101	1024096	10.065	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.478	101	832543	10.629	ppbv	97
13) Ethanol	3.597	45	35389	7.337	ppbv	91
14) Bromoethene	3.732	108	347431	9.981	ppbv	99
15) Acetone	3.842	43	702886	9.499	ppbv	100
16) 1,3-Butadiene	3.324	39	424848	10.117	ppbv	99
17) tert-Butyl alcohol	4.272	59	780597	12.078	ppbv	100
18) 1,1-Dichloroethene	4.282	96	380173	10.804	ppbv	97
19) Isopropyl Alcohol	3.954	45	427905	10.430	ppbv	99
20) Methylene Chloride	4.333	84	306705	9.840	ppbv	99
21) Allyl Chloride	4.404	41	562307	10.558	ppbv	97
22) trans-1,2-Dichloroethene	4.877	96	408052	11.180	ppbv	99
23) Vinyl Acetate	5.060	43	829028	11.570	ppbv	99
24) 1,1-Dichloroethane	4.999	63	749763	10.624	ppbv	99
25) Ethyl Acetate	5.661	43	1874471	10.062	ppbv	100
26) Hexane	5.674	57	841481	10.090	ppbv	98
27) Carbon Disulfide	4.542	76	956507	11.692	ppbv	99
28) Methyl tert-Butyl Ether	5.022	73	724122	11.656	ppbv	99
29) Chloroform	5.739	83	1314699	9.845	ppbv	99
30) Cyclohexane	7.115	84	770955	10.632	ppbv	97
31) cis-1,2-Dichloroethene	5.536	61	658636	8.399	ppbv	97
32) 1,1,1-Trichloroethane	6.497	97	1327342	10.300	ppbv	99
34) 2-Butanone	5.231	43	847572	8.579	ppbv	98
35) Carbon Tetrachloride	7.002	117	1386097	9.570	ppbv	98
36) Benzene	6.877	78	1860505	9.657	ppbv	99
37) 1,2-Dichloroethane	6.292	62	918582	9.374	ppbv	99
38) Trichloroethene	7.819	130	823873	10.209	ppbv	97
39) 1,2-Dichloropropane	7.597	63	705198	9.364	ppbv	98
40) 1,4-Dioxane	7.816	88	241933	9.250	ppbv	89
41) Tetrahydrofuran	6.034	42	717838	9.762	ppbv	99
42) Bromodichloromethane	7.774	83	1468051	9.992	ppbv	99
43) Methyl Methacrylate	7.996	69	746642	10.439	ppbv	98
44) 2,2,4-Trimethylpentane	7.851	57	3001135	9.278	ppbv	100
45) t-1,3-Dichloropropene	9.259	75	787287	10.826	ppbv	98

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 29 2022

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.684	75	983787	10.005	ppbv	98
47) 1,1,2-Trichloroethane	9.455	97	765801	9.524	ppbv	99
48) Dibromochloromethane	10.285	129	1318290	10.467	ppbv	99
49) Bromoform	13.021	173	1099042	10.706	ppbv	99
50) 4-Methyl-2-Pentanone	8.722	43	1797533	9.786	ppbv	100
51) 2-Hexanone	10.111	43	1354386	10.266	ppbv #	99
52) Tetrachloroethene	11.201	164	704315	9.991	ppbv	96
53) Toluene	9.787	91	2140397	10.340	ppbv	100
54) 1,2-Dibromoethane	10.590	107	1120090	10.202	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.105	131	905786	10.311	ppbv	99
57) Chlorobenzene	12.127	112	1573624	10.297	ppbv	98
58) Ethyl Benzene	12.690	91	2739589	11.059	ppbv	99
59) m/p-Xylene	12.976	91	4520399m	20.861	ppbv	
60) o-Xylene	13.674	91	2118824	10.298	ppbv	97
61) Styrene	13.507	104	1305110	11.697	ppbv	99
62) Isopropylbenzene	14.648	105	3226025	10.430	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.655	83	1401572	8.794	ppbv	99
64) n-propylbenzene	15.539	120	868074	10.695	ppbv	99
65) tert-Butylbenzene	16.725	119	2789596	10.037	ppbv	98
66) Benzyl Chloride	16.963	91	466593	8.866	ppbv	100
67) sec-Butylbenzene	17.275	105	3967196	9.981	ppbv	99
69) p-Isopropyltoluene	17.635	119	3285750	10.129	ppbv	99
70) n-Butylbenzene	18.529	91	3253260	9.723	ppbv	99
71) 2-Chlorotoluene	15.433	91	2329764	10.148	ppbv	98
72) 4-Ethyltoluene	15.819	105	2603443	10.719	ppbv	99
73) 1,3,5-Trimethylbenzene	15.976	105	2293603	10.363	ppbv	96
74) 1,2,4-Trimethylbenzene	16.741	105	2405782	9.980	ppbv	94
75) 1,3-Dichlorobenzene	16.976	146	1498944	9.762	ppbv	99
76) 1,4-Dichlorobenzene	17.118	146	1479652	9.690	ppbv	99
77) 1,2-Dichlorobenzene	17.796	146	1448630	9.524	ppbv	100
78) Hexachloro-1,3-Butadiene	23.355	225	978491m	6.960	ppbv	
79) Naphthalene	22.172	128	1692982	9.192	ppbv	98
80) Naphthalene,2-methyl-	24.956	142	355439	7.197	ppbv	97
81) 1,2,4-Trichlorobenzene	21.899	180	1030814	8.176	ppbv	100

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

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Supervised By :Mahesh Dadoda 03/29/2022

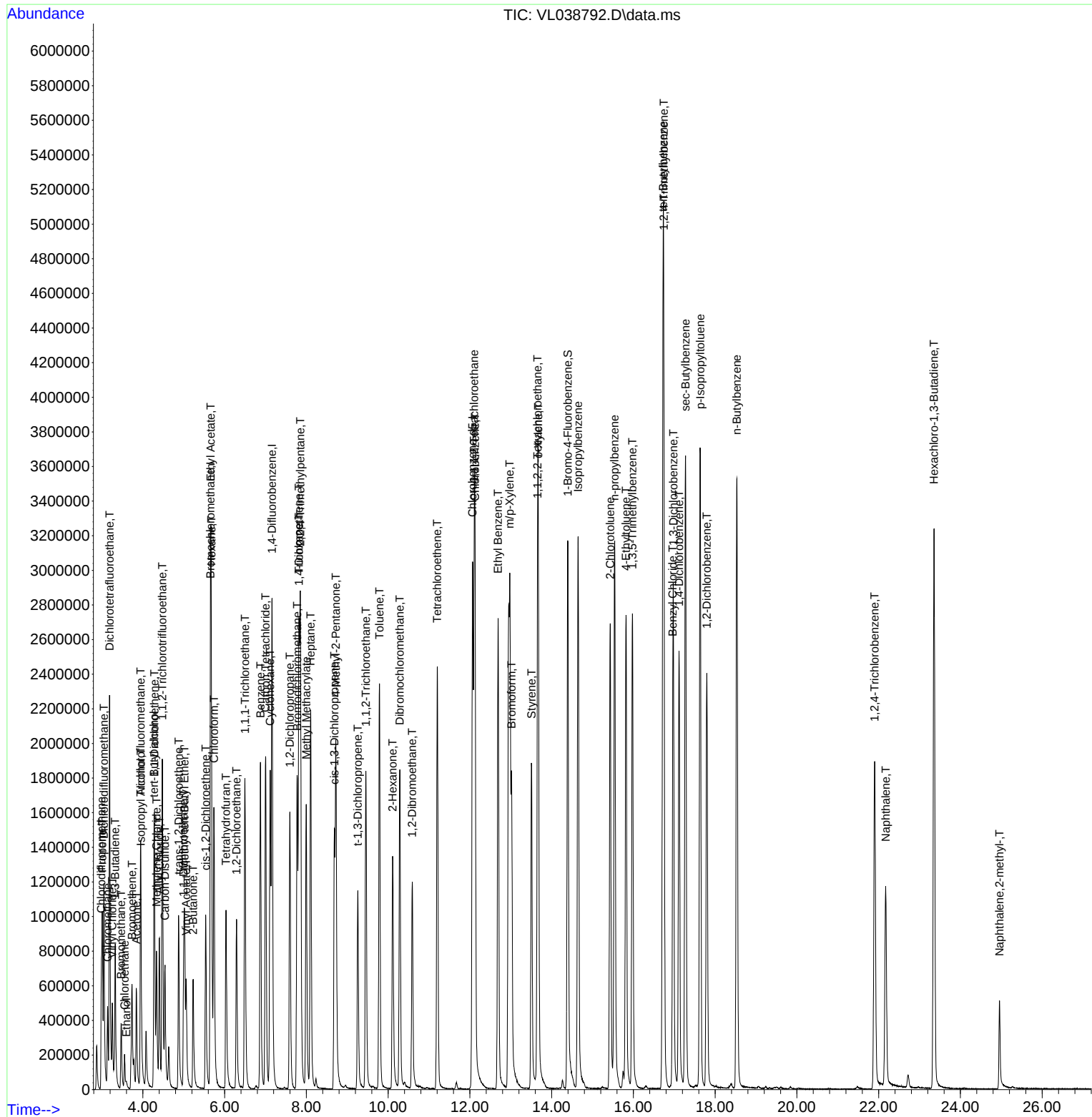
Quant Time: Mar 29 08:26:43 2022

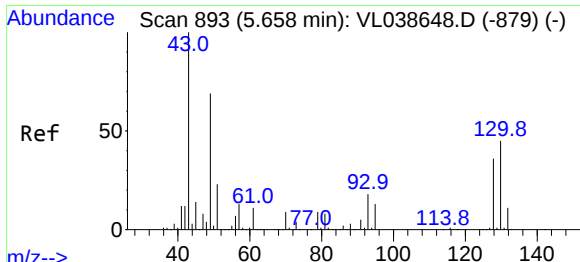
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QLast Update : Mon Mar 21 17:09:26 2022

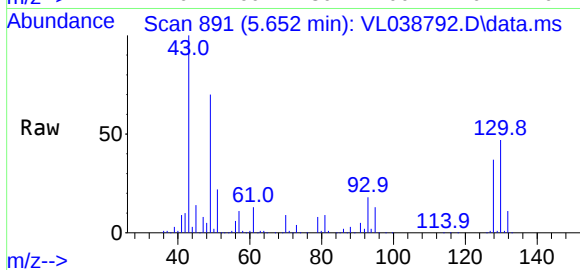
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.652 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL038792.D
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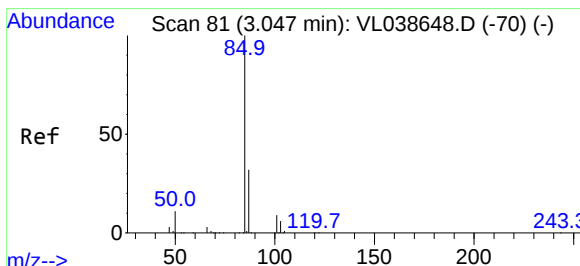
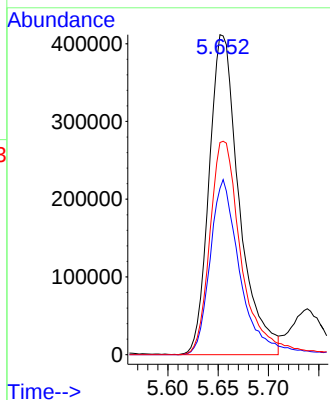
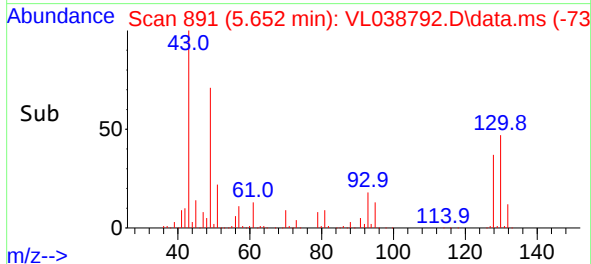
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



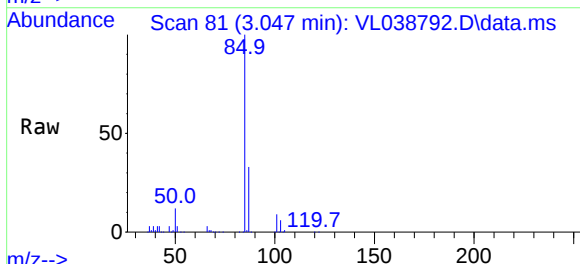
Tgt Ion: 49 Resp: 85759
Ion Ratio Lower Upper
49 100
128 55.4 26.2 78.6
130 71.5 33.7 101.1

Manual Integrations
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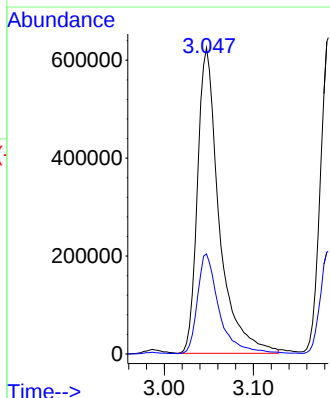
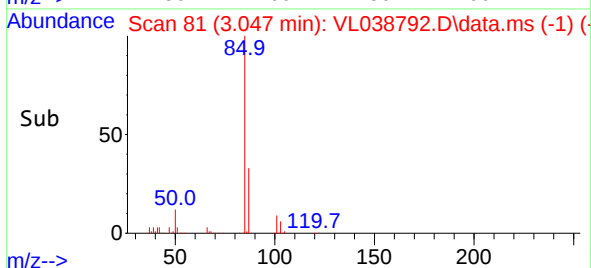
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

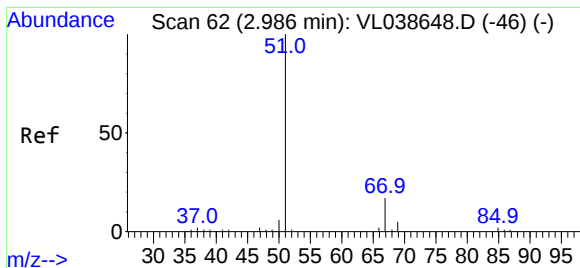


#2
Dichlorodifluoromethane
Concen: 9.149 ppbv
RT: 3.047 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37



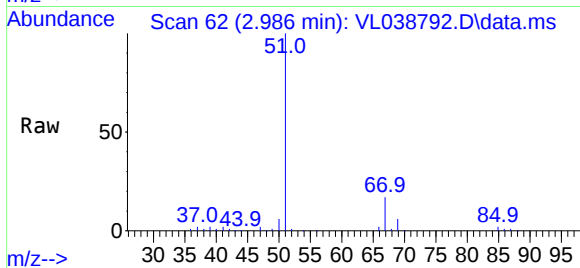
Tgt Ion: 85 Resp: 1054730
Ion Ratio Lower Upper
85 100
87 32.6 26.0 39.0





#3
Chlorodifluoromethane
Concen: 9.970 ppbv
RT: 2.986 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

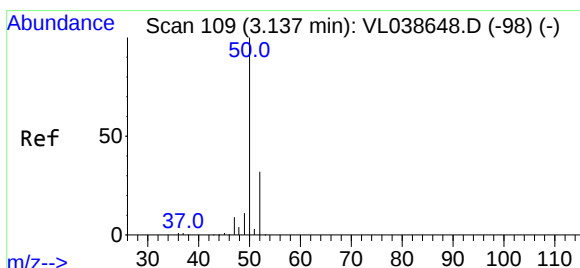
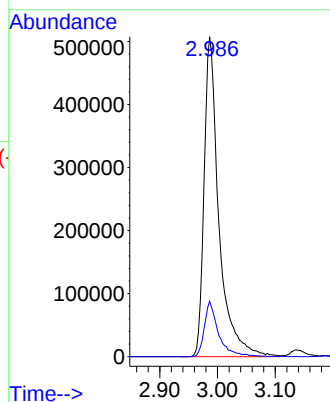
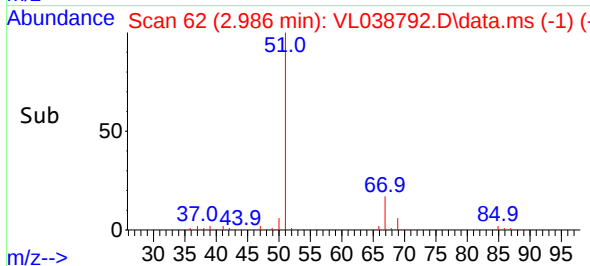
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 90305
Ion Ratio Lower Upper
51 100
67 16.6 14.1 21.1

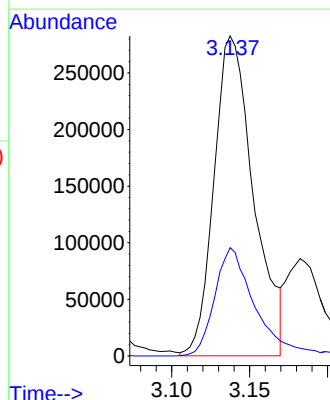
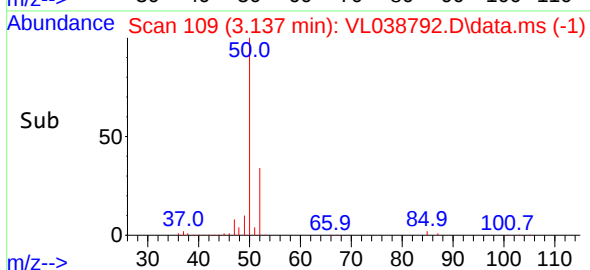
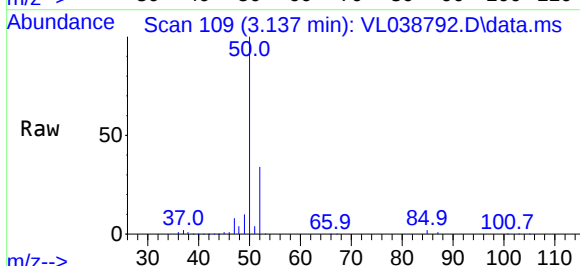
Manual Integrations
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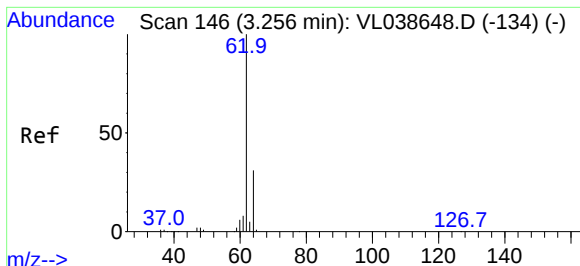
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#4
Chloromethane
Concen: 10.065 ppbv
RT: 3.137 min Scan# 109
Delta R.T. 0.000 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

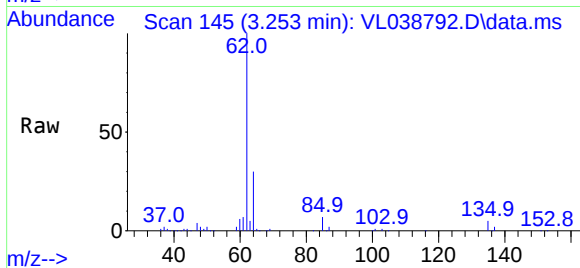
Tgt Ion: 50 Resp: 500557
Ion Ratio Lower Upper
50 100
52 34.1 25.5 38.3





#5
 Vinyl Chloride
 Concen: 9.419 ppbv
 RT: 3.253 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VL038792.D
 Acq: 29 Mar 2022 7:37

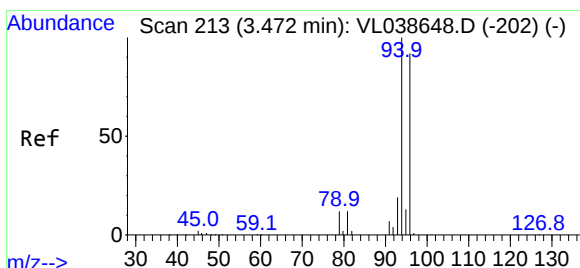
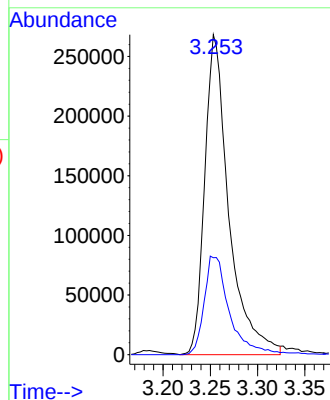
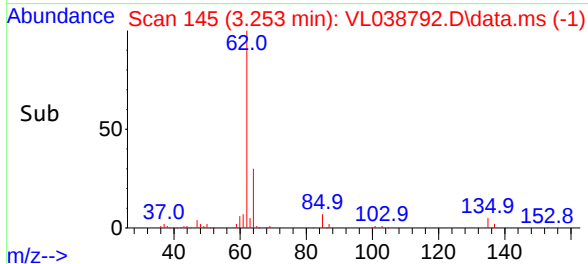
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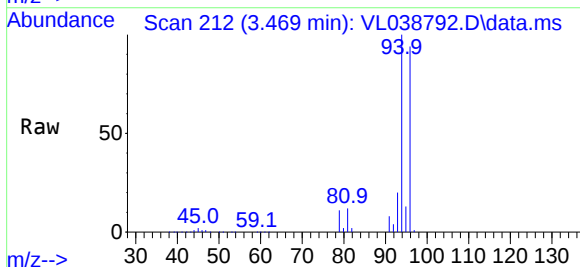
Tgt Ion: 62 Resp: 47594
 Ion Ratio Lower Upper
 62 100
 64 30.3 25.0 37.4

Manual Integrations
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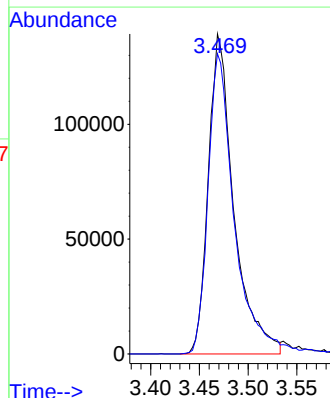
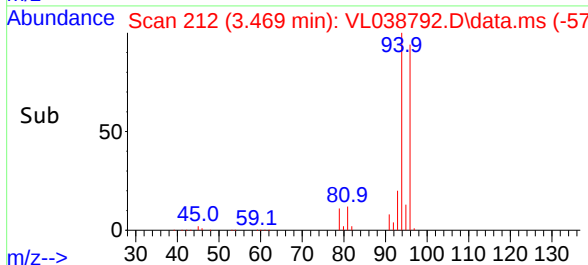
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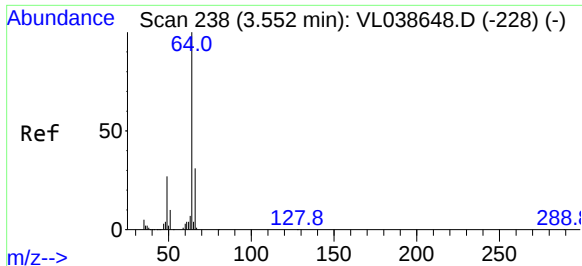


#6
 Bromomethane
 Concen: 9.407 ppbv
 RT: 3.469 min Scan# 212
 Delta R.T. -0.003 min
 Lab File: VL038792.D
 Acq: 29 Mar 2022 7:37



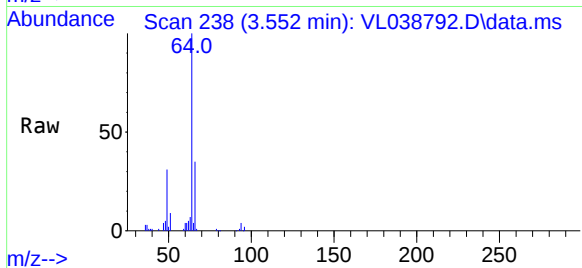
Tgt Ion: 94 Resp: 253408
 Ion Ratio Lower Upper
 94 100
 96 93.8 73.3 109.9





#7
Chloroethane
Concen: 9.829 ppbv
RT: 3.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

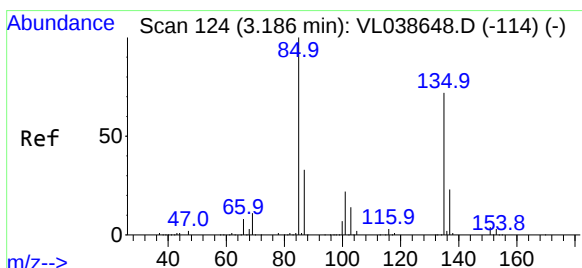
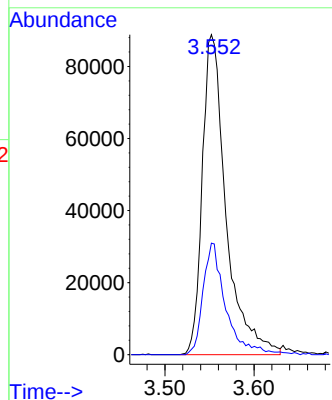
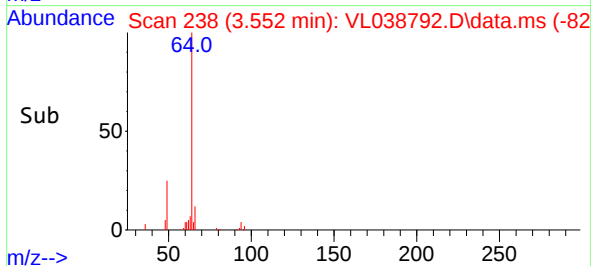
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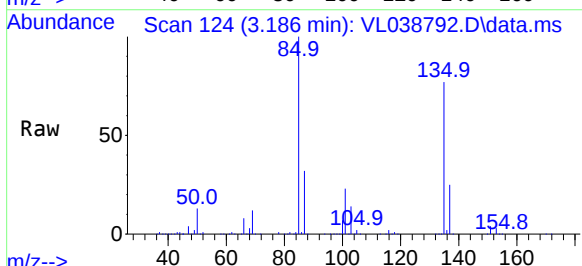
Tgt Ion: 64 Resp: 164420
Ion Ratio Lower Upper
64 100
66 34.9 25.0 37.6

Manual Integrations
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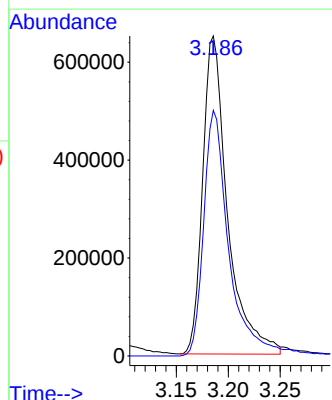
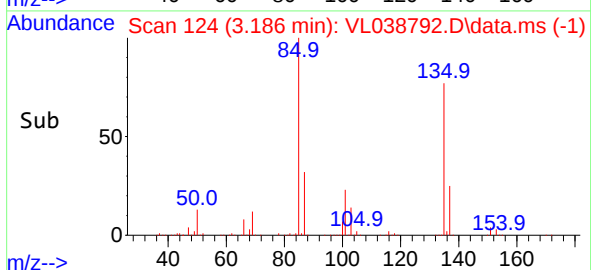
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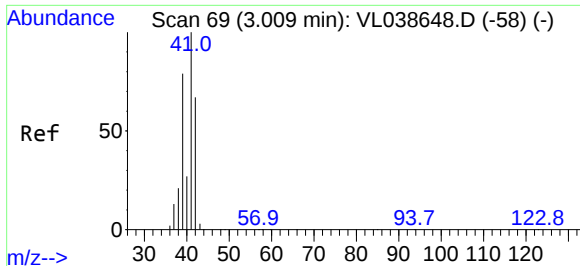


#8
Dichlorotetrafluoroethane
Concen: 9.405 ppbv
RT: 3.186 min Scan# 124
Delta R.T. 0.000 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37



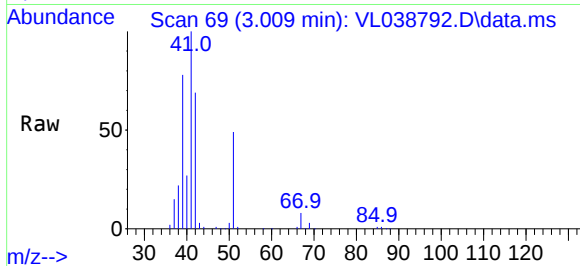
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Ion Ratio Lower Upper
85 100
135 79.7 57.8 86.6





#9
 Propene
 Concen: 10.128 ppbv
 RT: 3.009 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VL038792.D
 Acq: 29 Mar 2022 7:37

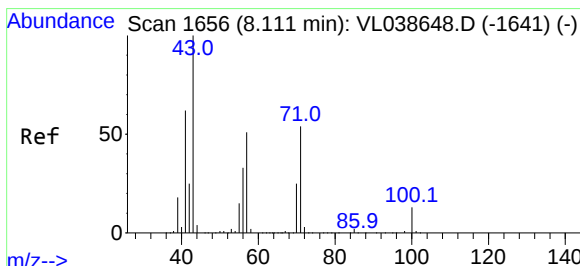
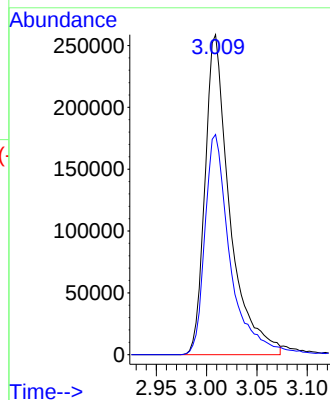
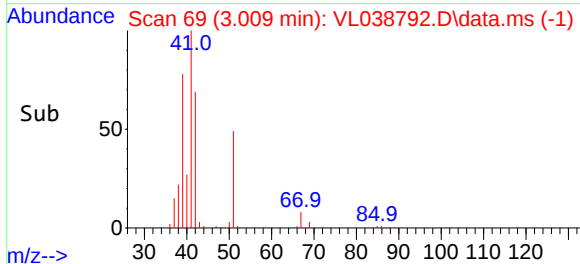
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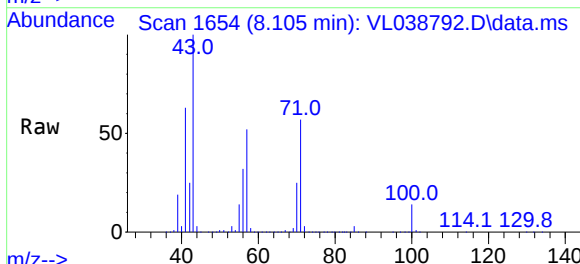
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 Ion Ratio Lower Upper
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 42 71.4 56.2 84.4

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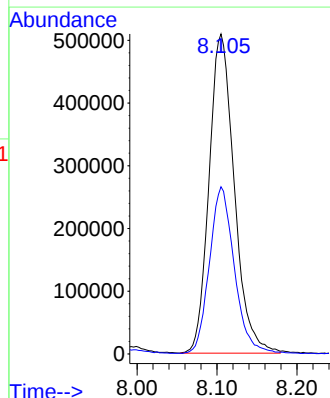
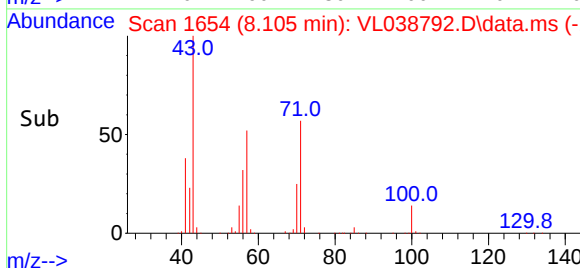
Reviewed By :Semsettin Yesilyurt 03/29/2022
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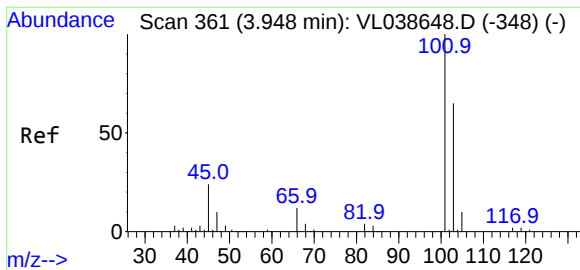


#10
 Heptane
 Concen: 10.681 ppbv
 RT: 8.105 min Scan# 1654
 Delta R.T. -0.006 min
 Lab File: VL038792.D
 Acq: 29 Mar 2022 7:37



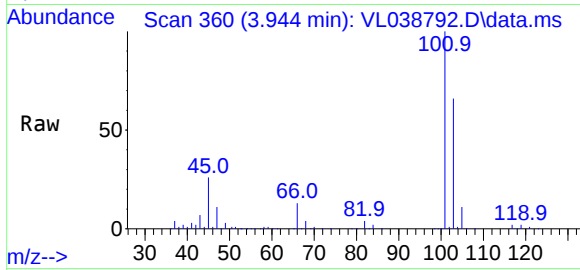
Tgt Ion: 43 Resp: 1116520
 Ion Ratio Lower Upper
 43 100
 57 52.2 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 10.065 ppbv
 RT: 3.944 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VL038792.D
 Acq: 29 Mar 2022 7:37

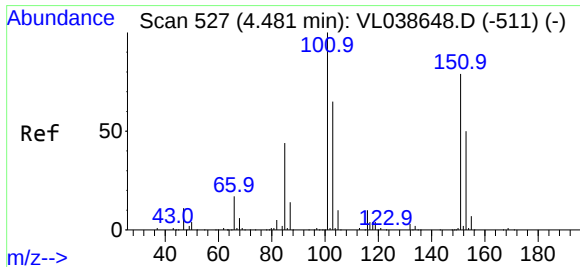
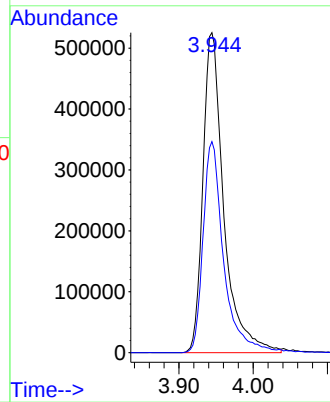
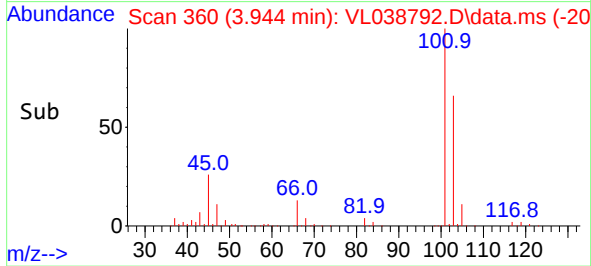
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:101 Resp: 1024090
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.9 77.9

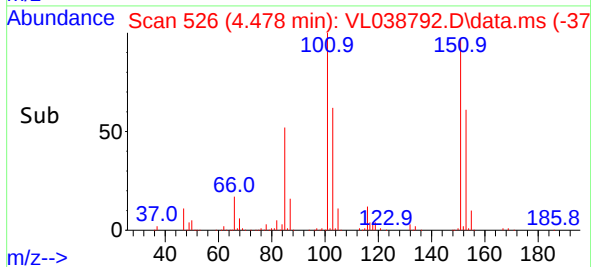
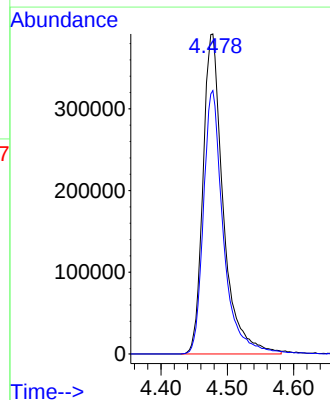
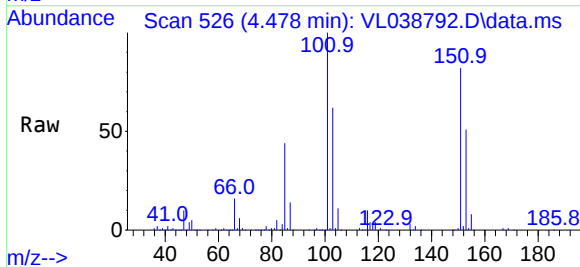
Manual Integrations
 APPROVED

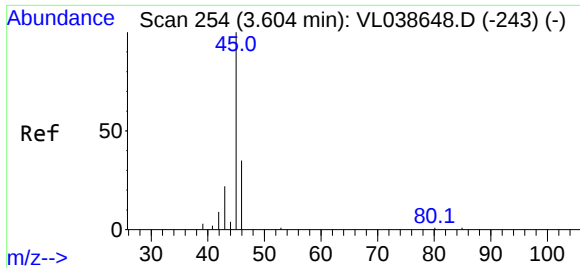
Reviewed By :Semsettin Yesilyurt 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.629 ppbv
 RT: 4.478 min Scan# 526
 Delta R.T. -0.003 min
 Lab File: VL038792.D
 Acq: 29 Mar 2022 7:37

Tgt Ion:101 Resp: 832543
 Ion Ratio Lower Upper
 101 100
 151 81.4 62.9 94.3





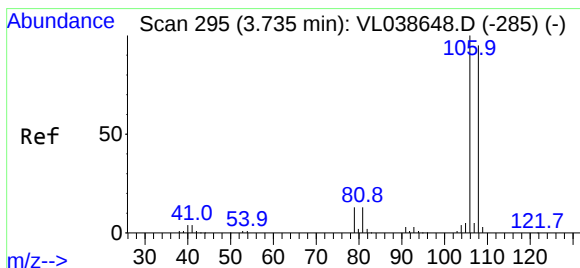
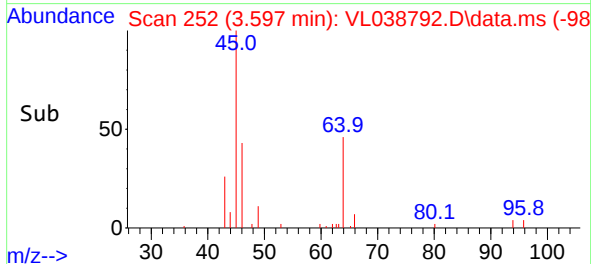
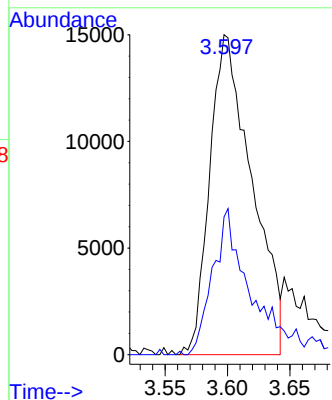
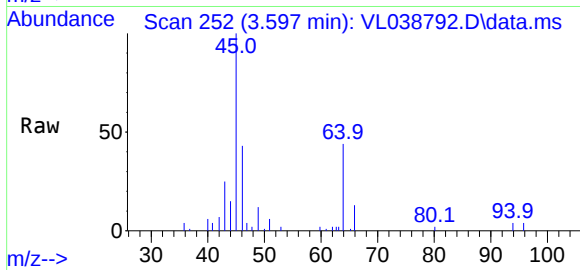
#13
Ethanol
Concen: 7.337 ppbv
RT: 3.597 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 35389
Ion Ratio Lower Upper
45 100
46 43.0 15.1 60.5

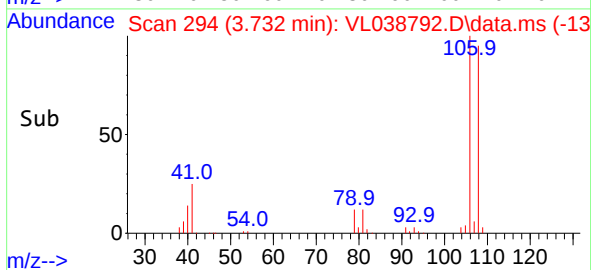
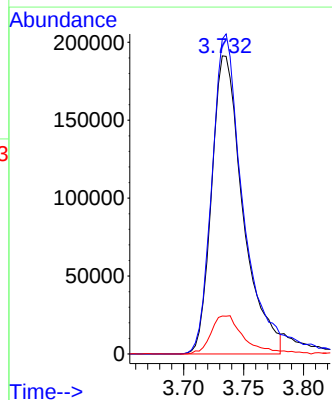
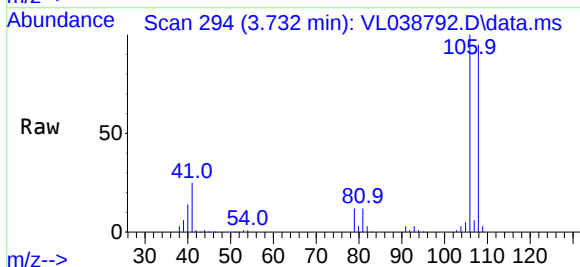
Manual Integrations
APPROVED

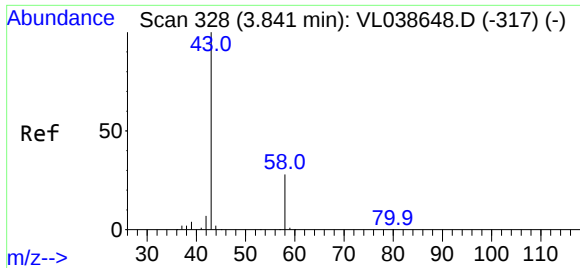
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#14
Bromoethene
Concen: 9.981 ppbv
RT: 3.732 min Scan# 294
Delta R.T. -0.003 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

Tgt Ion:108 Resp: 347431
Ion Ratio Lower Upper
108 100
106 111.6 88.3 132.5
79 14.1 11.2 16.8





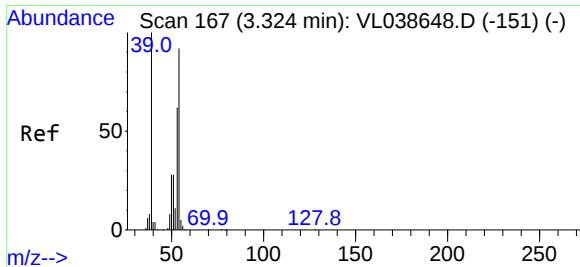
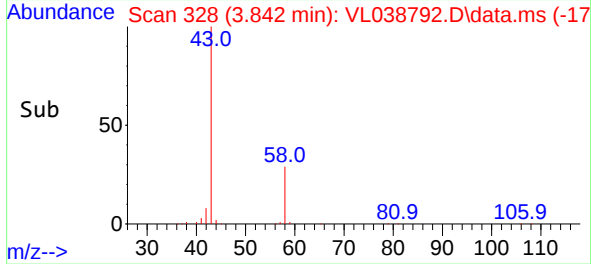
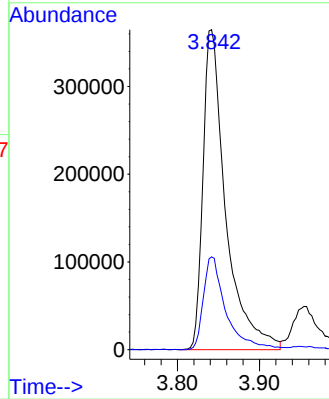
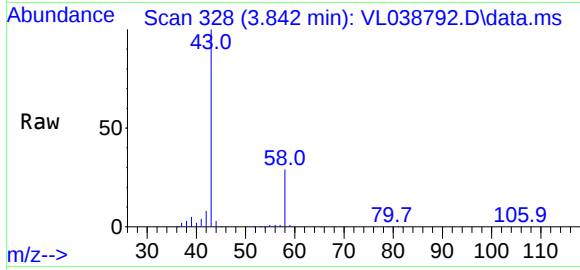
#15
Acetone
Concen: 9.499 ppbv
RT: 3.842 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 702880
Ion Ratio Lower Upper
43 100
58 28.9 23.3 34.9

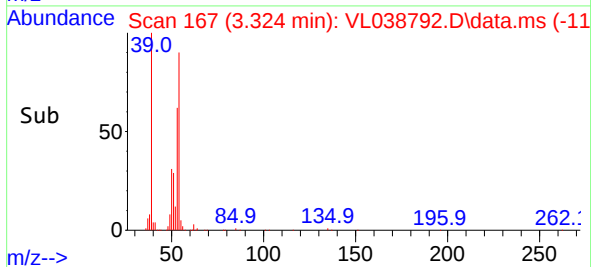
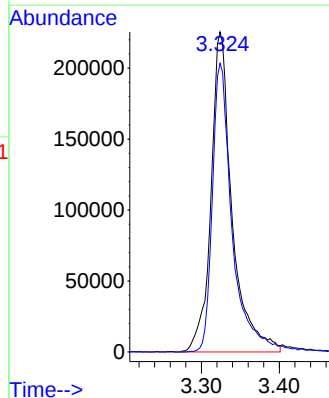
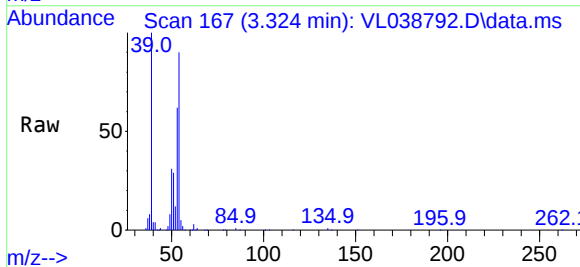
Manual Integrations
APPROVED

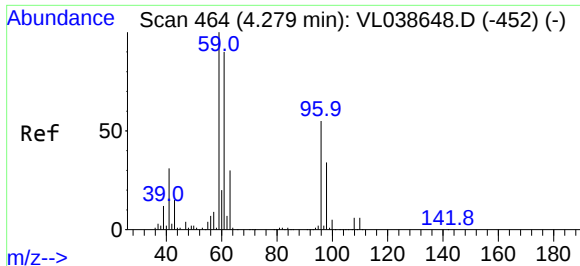
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#16
1,3-Butadiene
Concen: 10.117 ppbv
RT: 3.324 min Scan# 167
Delta R.T. 0.000 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

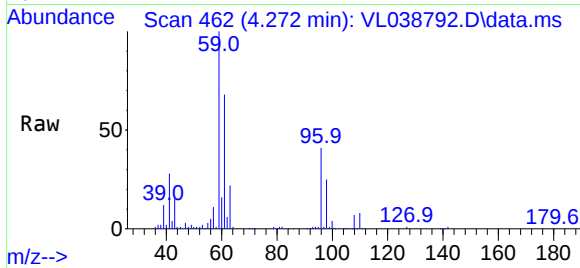
Tgt Ion: 39 Resp: 424848
Ion Ratio Lower Upper
39 100
54 85.5 69.1 103.7





#17
tert-Butyl alcohol
Concen: 12.078 ppbv
RT: 4.272 min Scan# 462
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

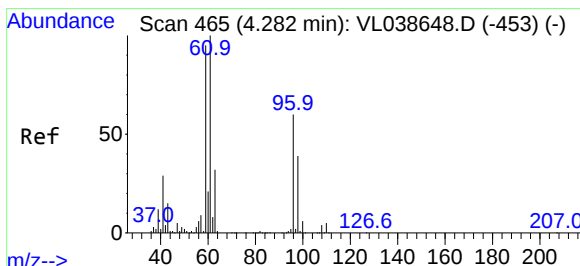
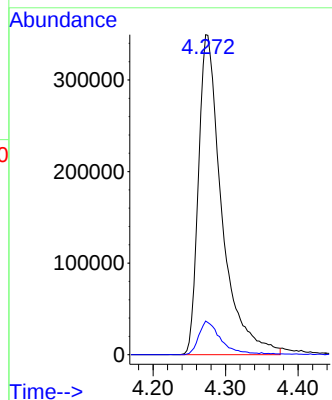
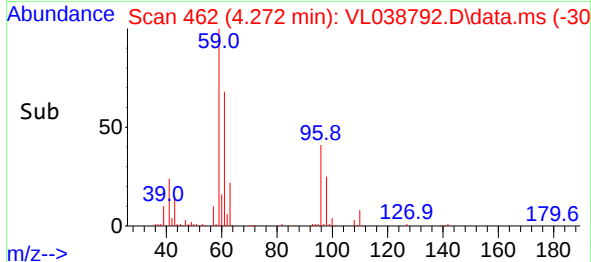
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



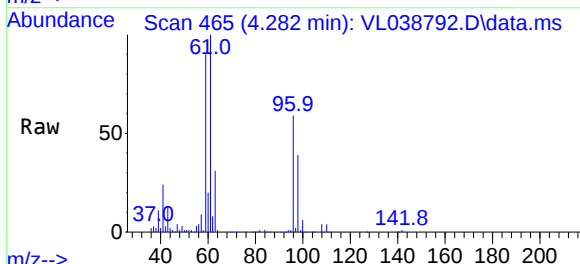
Tgt Ion: 59 Resp: 78059
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

Manual Integrations
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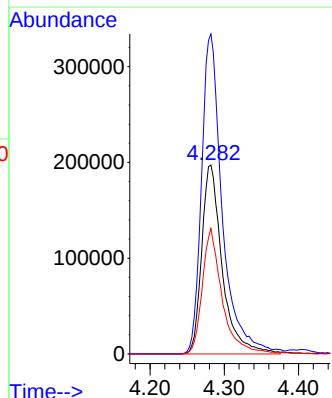
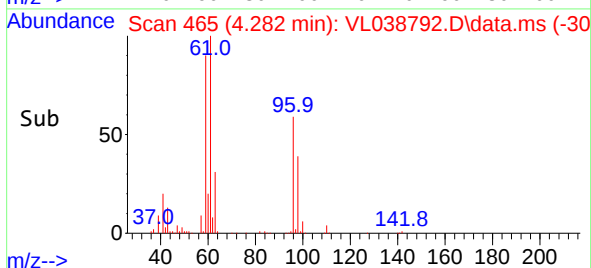
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

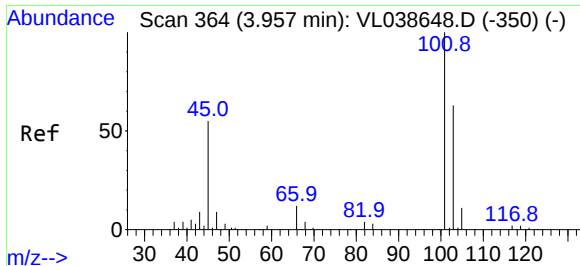


#18
1,1-Dichloroethene
Concen: 10.804 ppbv
RT: 4.282 min Scan# 465
Delta R.T. 0.000 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37



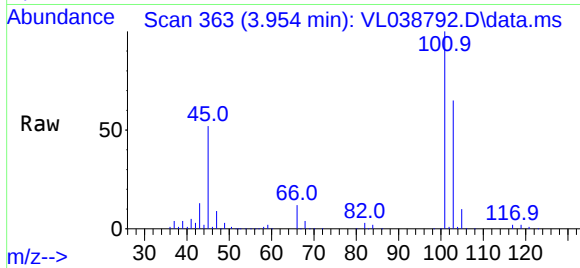
Tgt Ion: 96 Resp: 380173
Ion Ratio Lower Upper
96 100
61 169.2 132.4 198.6
98 66.4 51.6 77.4





#19
Isopropyl Alcohol
Concen: 10.430 ppbv
RT: 3.954 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

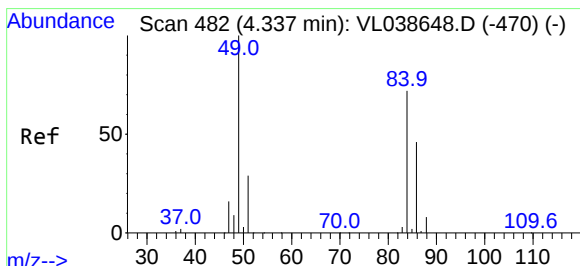
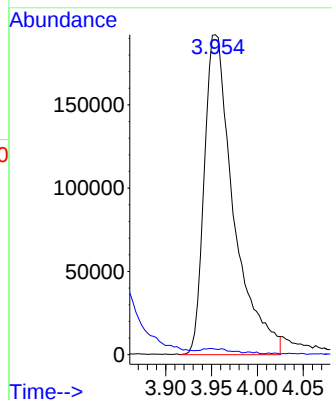
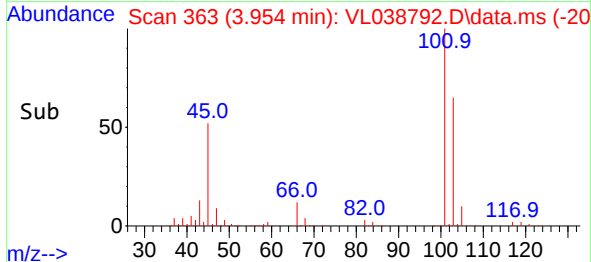
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



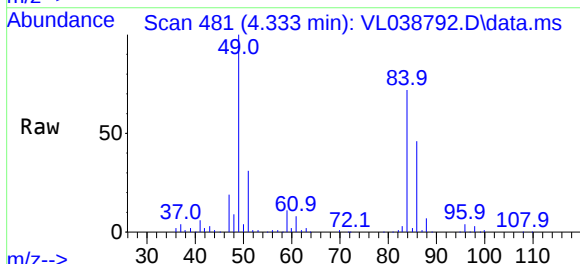
Tgt Ion: 45 Resp: 427905
Ion Ratio Lower Upper
45 100
58 2.5 2.3 3.5

Manual Integrations
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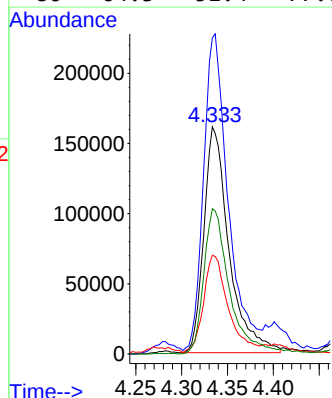
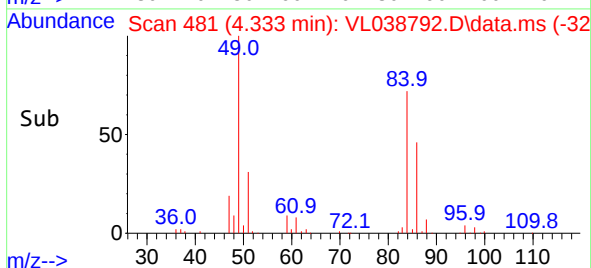
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

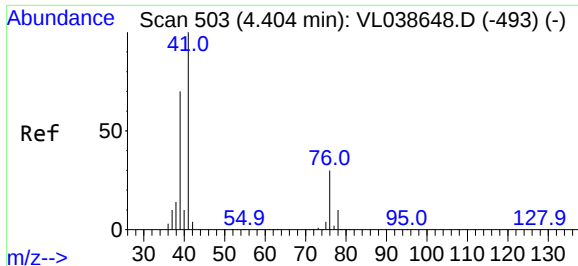


#20
Methylene Chloride
Concen: 9.840 ppbv
RT: 4.333 min Scan# 481
Delta R.T. -0.003 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37



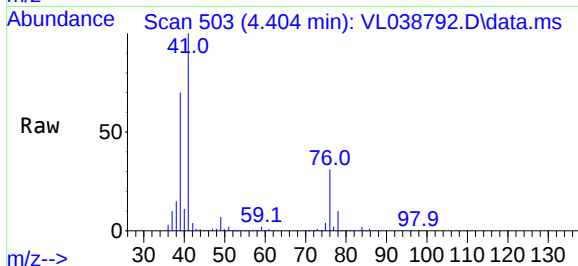
Tgt Ion: 84 Resp: 306705
Ion Ratio Lower Upper
84 100
49 137.4 111.2 166.8
51 42.2 32.8 49.2
86 64.3 51.4 77.0





#21
 Allyl Chloride
 Concen: 10.558 ppbv
 RT: 4.404 min Scan# 503
 Delta R.T. 0.000 min
 Lab File: VL038792.D
 Acq: 29 Mar 2022 7:37

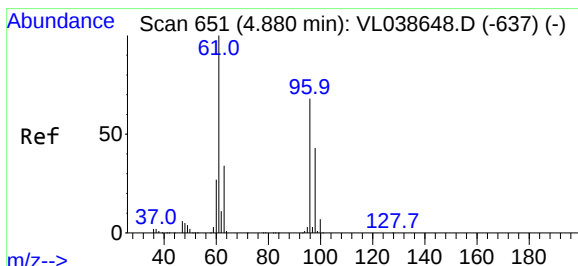
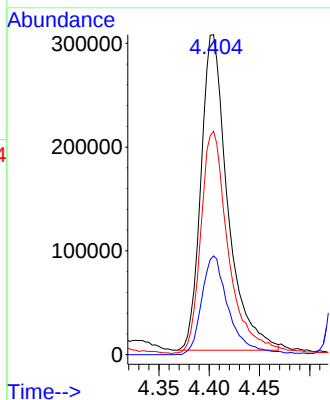
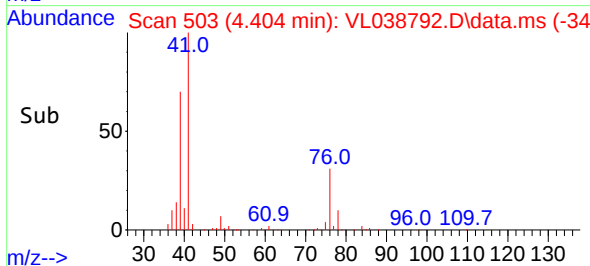
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 562307
 Ion Ratio Lower Upper
 41 100
 76 32.1 25.0 37.6
 39 73.8 56.6 85.0

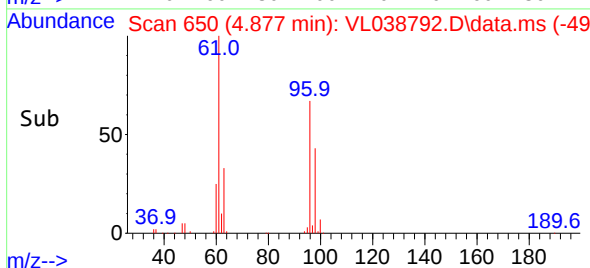
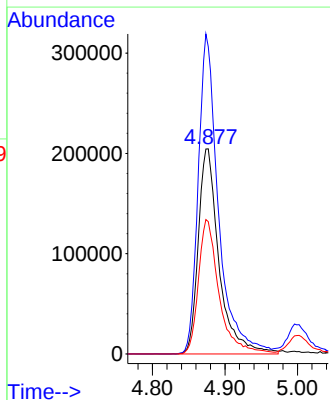
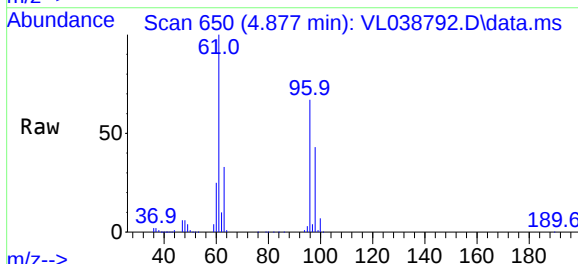
Manual Integrations
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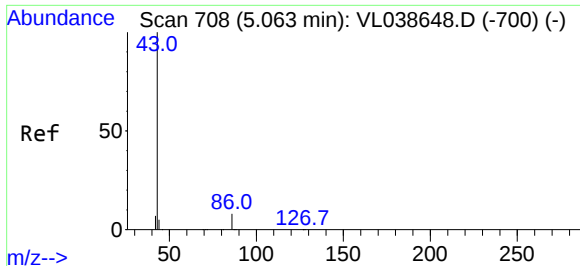
Reviewed By :Semsettin Yesilyurt 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.180 ppbv
 RT: 4.877 min Scan# 650
 Delta R.T. -0.003 min
 Lab File: VL038792.D
 Acq: 29 Mar 2022 7:37

Tgt Ion: 96 Resp: 408052
 Ion Ratio Lower Upper
 96 100
 61 149.6 118.3 177.5
 98 64.4 51.3 76.9





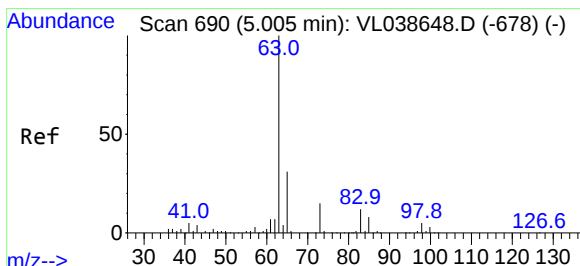
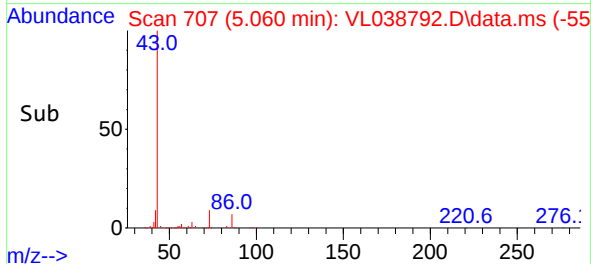
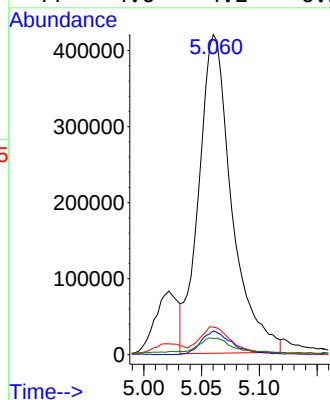
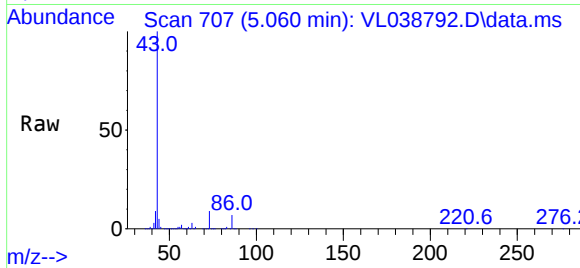
#23
 Vinyl Acetate
 Concen: 11.570 ppbv
 RT: 5.060 min Scan# 708
 Delta R.T. -0.003 min
 Lab File: VL038792.D
 Acq: 29 Mar 2022 7:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43 Resp: 829028
 Ion Ratio Lower Upper
 43 100
 86 7.7 5.6 8.4
 42 8.4 6.8 10.2
 44 4.6 4.2 6.2

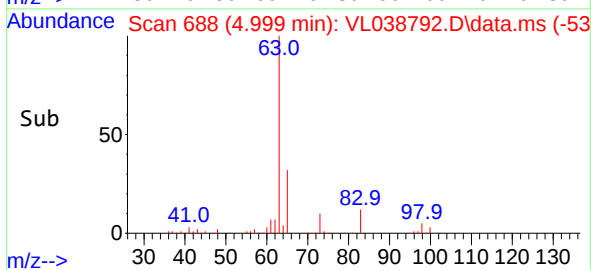
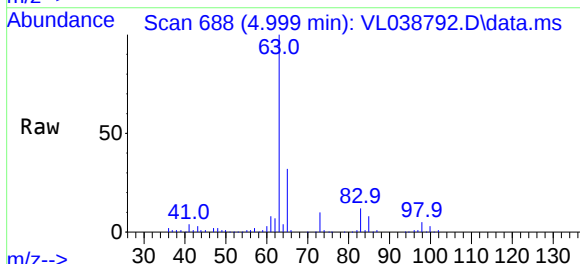
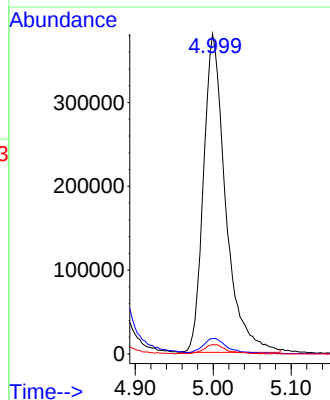
Manual Integrations
 APPROVED

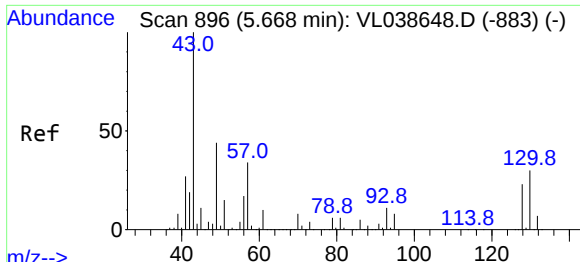
Reviewed By :Semsettin Yesilyurt 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022



#24
 1,1-Dichloroethane
 Concen: 10.624 ppbv
 RT: 4.999 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VL038792.D
 Acq: 29 Mar 2022 7:37

Tgt Ion: 63 Resp: 749763
 Ion Ratio Lower Upper
 63 100
 98 4.7 2.5 7.5
 100 2.8 1.4 4.2





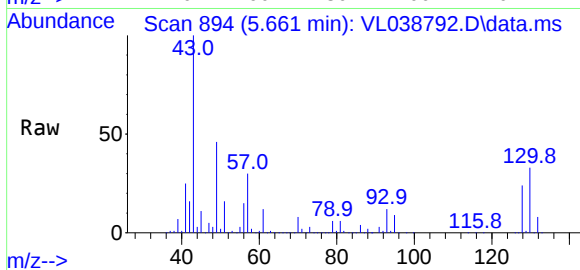
#25
Ethyl Acetate
Concen: 10.062 ppbv
RT: 5.661 min Scan# 894
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



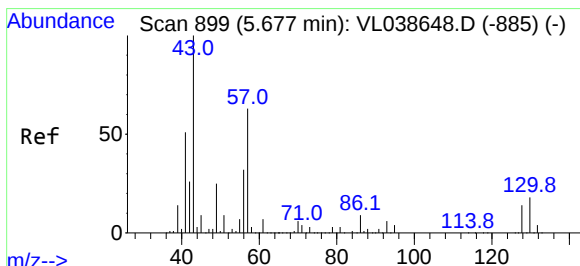
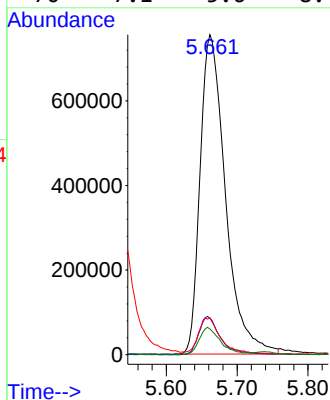
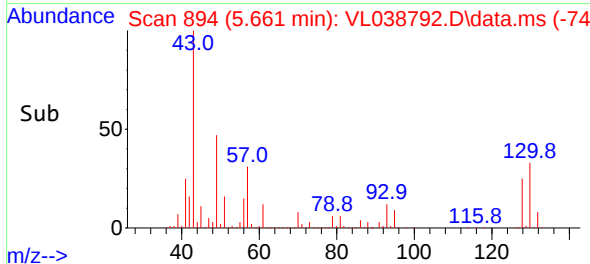
Tgt Ion: 43 Resp: 187447

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	10.3	8.3	12.5
70	7.1	5.6	8.4

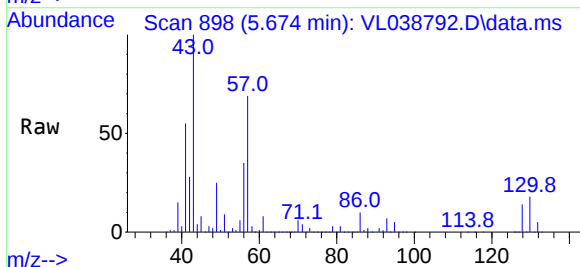
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

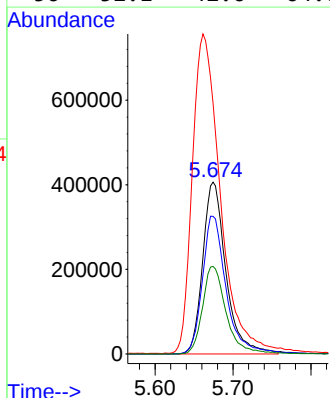
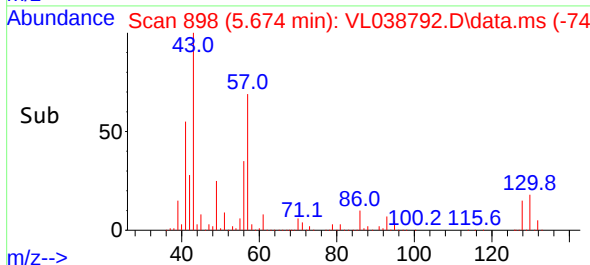


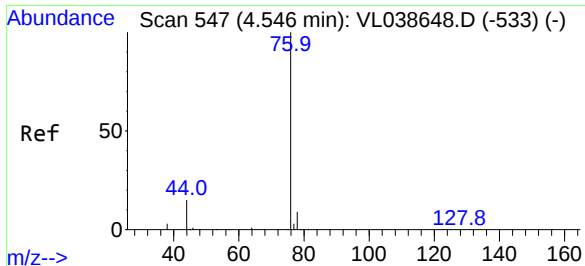
#26
Hexane
Concen: 10.090 ppbv
RT: 5.674 min Scan# 898
Delta R.T. -0.003 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37



Tgt Ion: 57 Resp: 841481

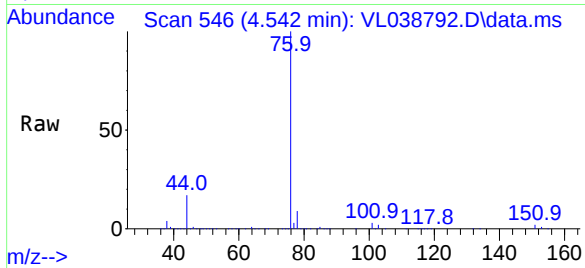
Ion	Ratio	Lower	Upper
57	100		
41	83.1	67.0	100.4
43	226.5	184.2	276.2
56	52.1	42.6	64.0





#27
Carbon Disulfide
Concen: 11.692 ppbv
RT: 4.542 min Scan# 54
Delta R.T. -0.003 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

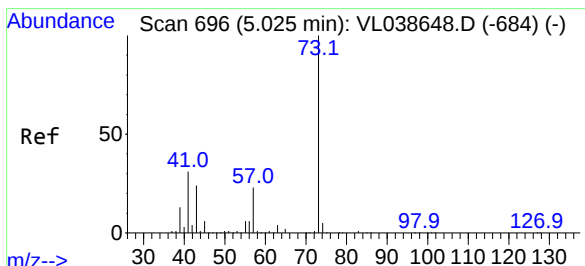
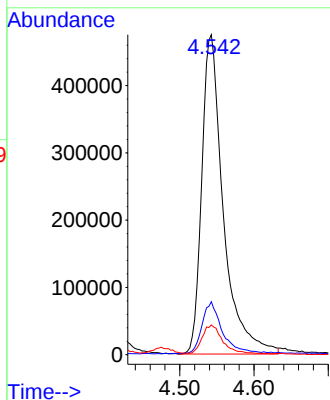
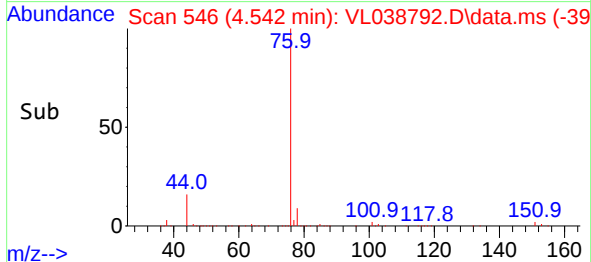
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 95650
Ion Ratio Lower Upper
76 100
44 16.2 12.4 18.6
78 9.6 7.8 11.8

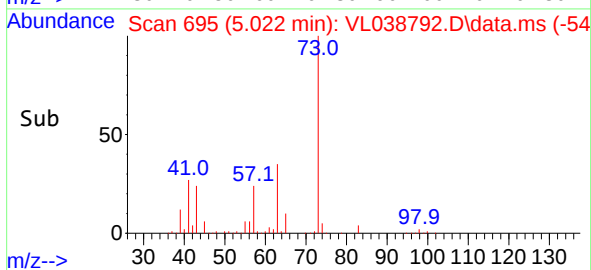
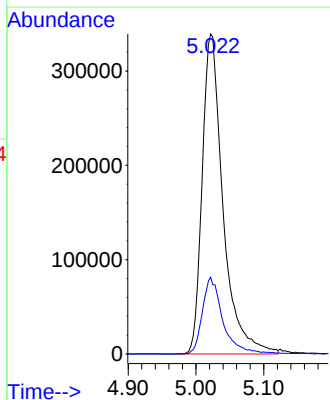
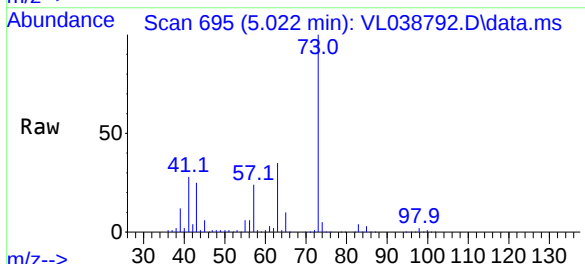
Manual Integrations
APPROVED

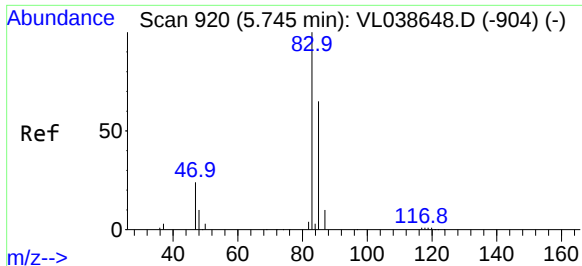
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#28
Methyl tert-Butyl Ether
Concen: 11.656 ppbv
RT: 5.022 min Scan# 695
Delta R.T. -0.003 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

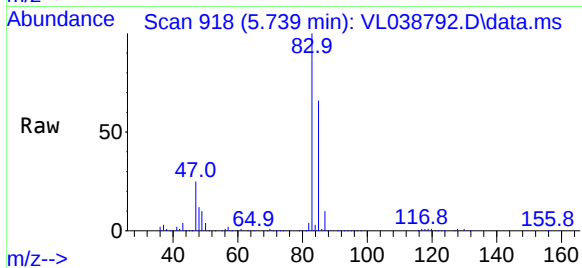
Tgt Ion: 73 Resp: 724122
Ion Ratio Lower Upper
73 100
57 23.7 19.2 28.8





#29
Chloroform
Concen: 9.845 ppbv
RT: 5.739 min Scan# 918
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

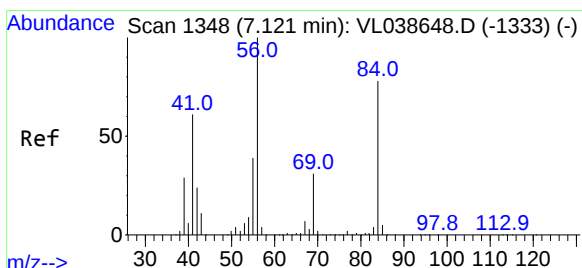
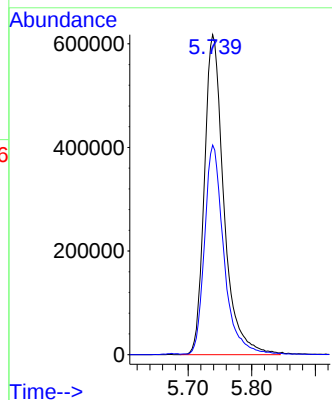
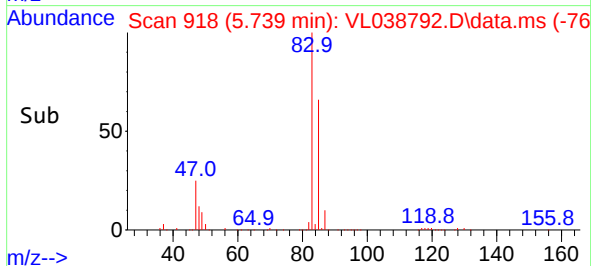
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



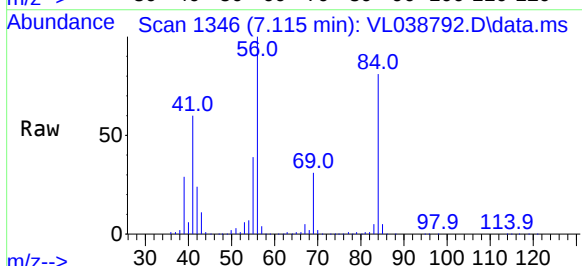
Tgt Ion: 83 Resp: 1314699
Ion Ratio Lower Upper
83 100
85 65.3 51.7 77.5

Manual Integrations
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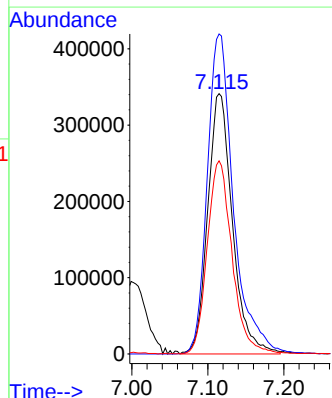
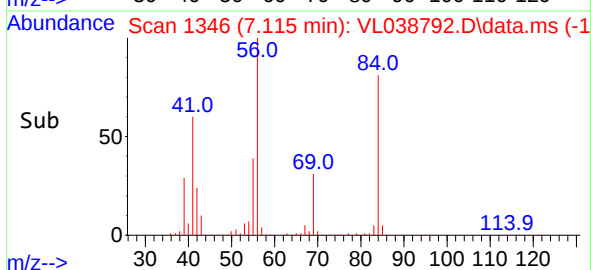
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

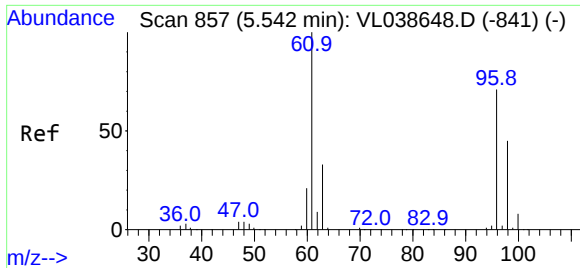


#30
Cyclohexane
Concen: 10.632 ppbv
RT: 7.115 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37



Tgt Ion: 84 Resp: 770955
Ion Ratio Lower Upper
84 100
56 130.6 108.2 162.4
41 75.0 61.8 92.6





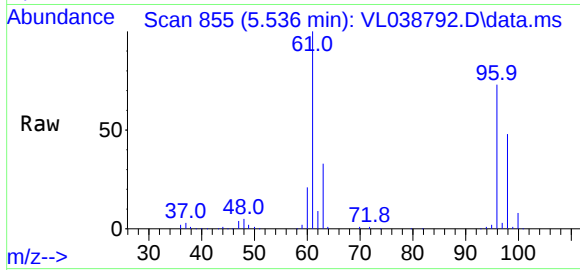
#31
 cis-1,2-Dichloroethene
 Concen: 8.399 ppbv
 RT: 5.536 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VL038792.D
 Acq: 29 Mar 2022 7:37

Instrument :

MSVOA_L

ClientSampleId :

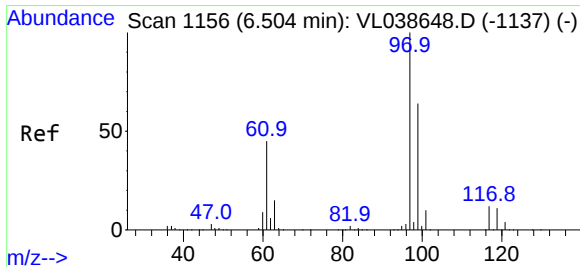
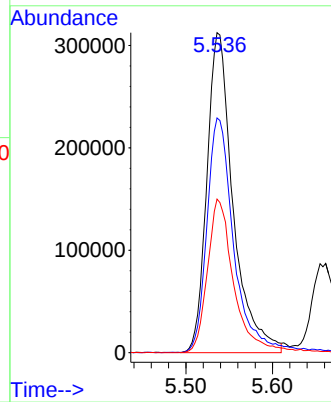
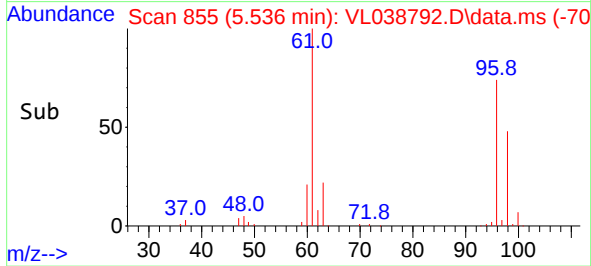
VSTDCCC010EC



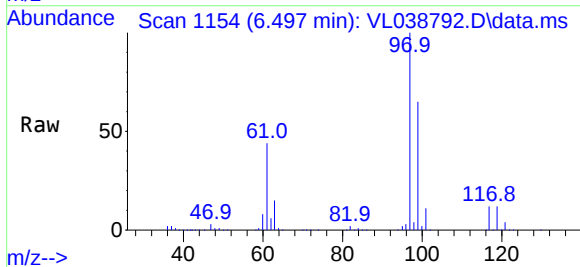
Tgt Ion: 61 Resp: 658630
 Ion Ratio Lower Upper
 61 100
 96 73.3 56.6 84.8
 98 47.9 36.3 54.5

Manual Integrations
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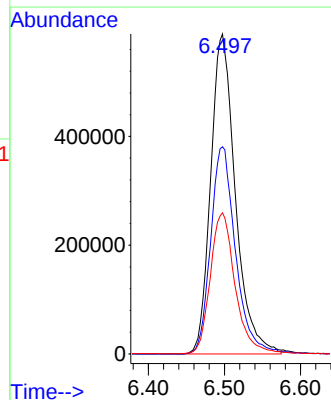
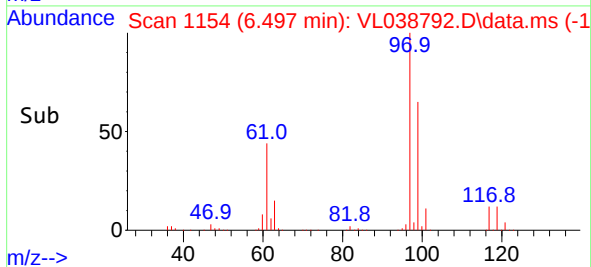
Reviewed By :Semsettin Yesilyurt 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022

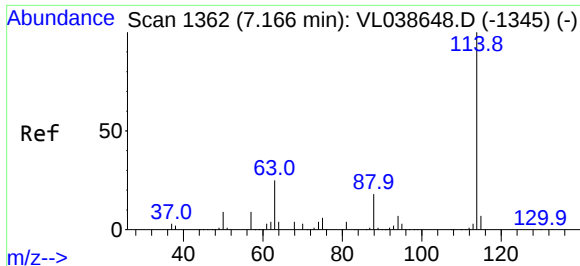


#32
 1,1,1-Trichloroethane
 Concen: 10.300 ppbv
 RT: 6.497 min Scan# 1154
 Delta R.T. -0.006 min
 Lab File: VL038792.D
 Acq: 29 Mar 2022 7:37



Tgt Ion: 97 Resp: 1327342
 Ion Ratio Lower Upper
 97 100
 99 65.6 51.8 77.8
 61 44.9 36.7 55.1





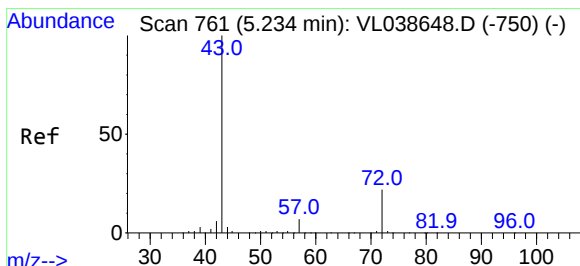
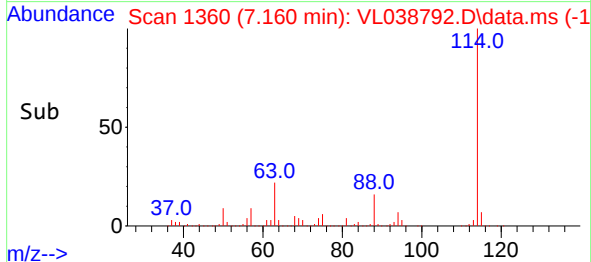
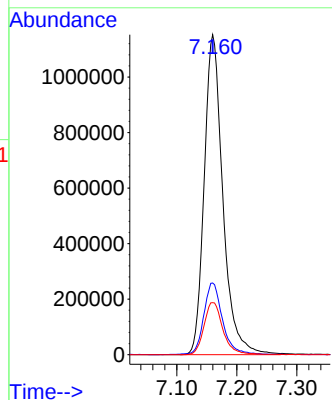
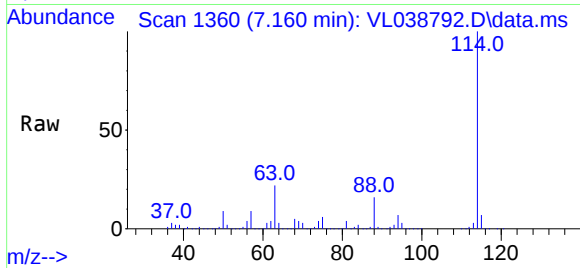
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 114
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:114 Resp: 2496120
Ion Ratio Lower Upper
114 100
63 22.7 19.4 29.0
88 16.7 13.9 20.9

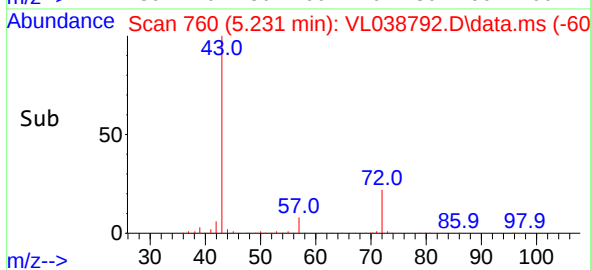
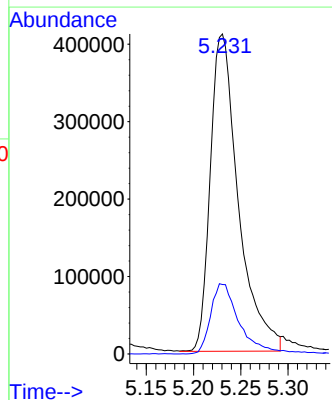
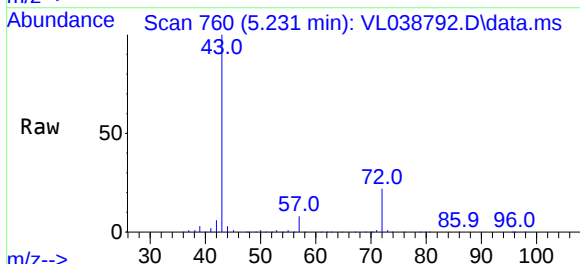
Manual Integrations
APPROVED

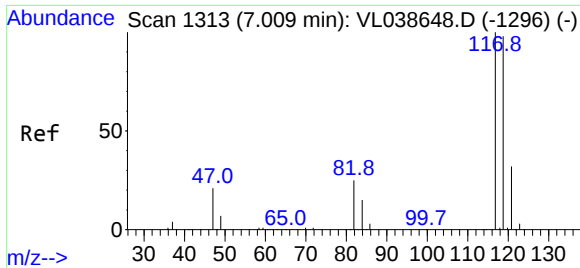
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#34
2-Butanone
Concen: 8.579 ppbv
RT: 5.231 min Scan# 760
Delta R.T. -0.003 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

Tgt Ion: 43 Resp: 847572
Ion Ratio Lower Upper
43 100
72 23.3 17.8 26.8





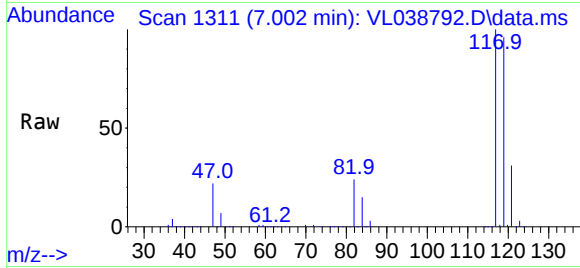
#35
Carbon Tetrachloride
Concen: 9.570 ppbv
RT: 7.002 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

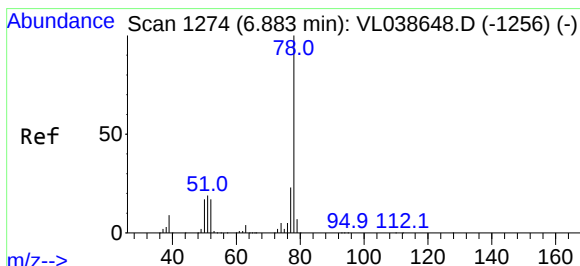
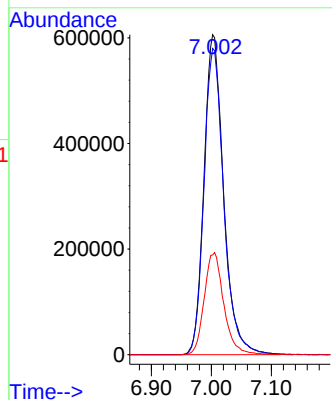
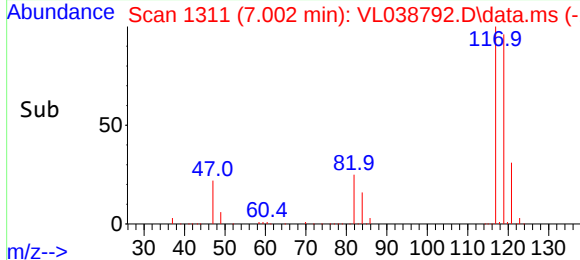


Tgt Ion:117 Resp: 138609
Ion Ratio Lower Upper
117 100
119 95.7 78.1 117.1
121 31.2 25.8 38.6

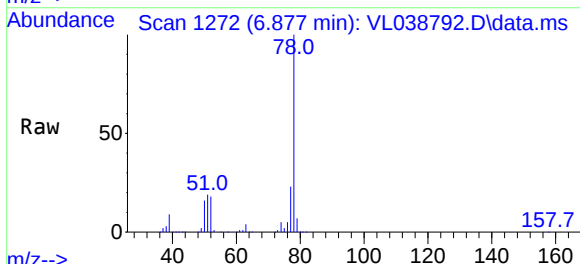
Manual Integrations

APPROVED

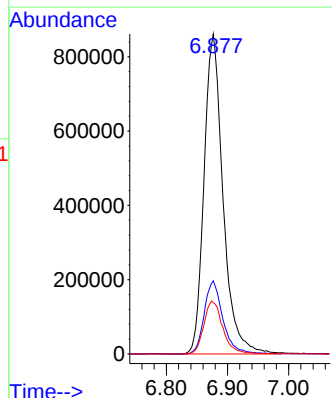
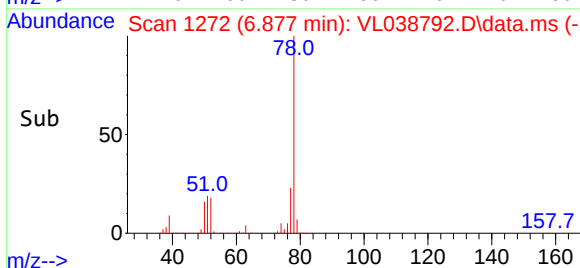
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

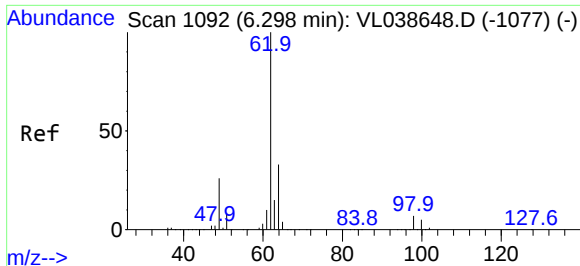


#36
Benzene
Concen: 9.657 ppbv
RT: 6.877 min Scan# 1272
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37



Tgt Ion: 78 Resp: 1860505
Ion Ratio Lower Upper
78 100
77 22.8 18.1 27.1
50 16.0 13.6 20.4





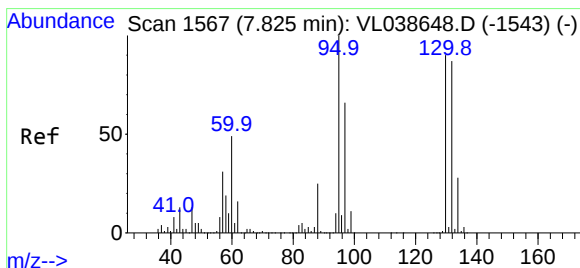
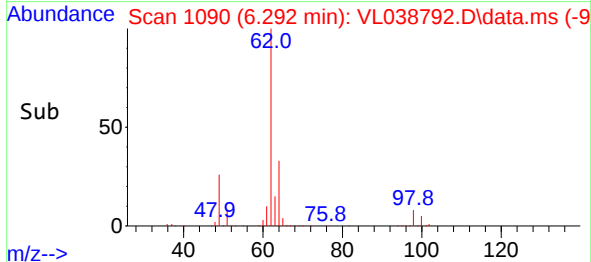
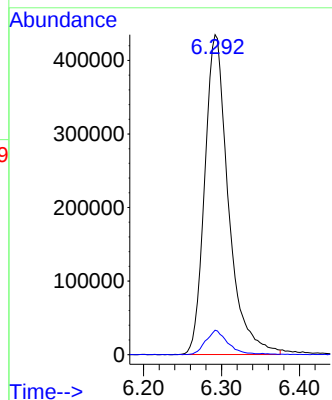
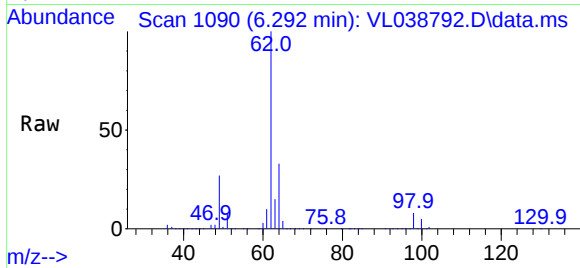
#37
1,2-Dichloroethane
Concen: 9.374 ppbv
RT: 6.292 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 91858
Ion Ratio Lower Upper
62 100
98 7.4 5.6 8.4

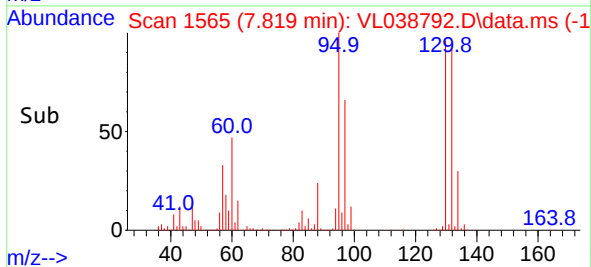
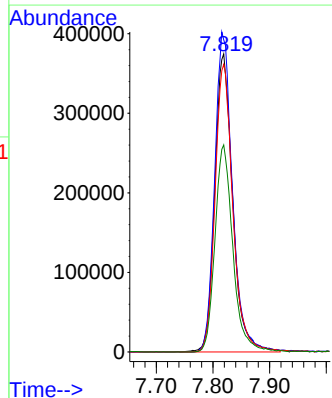
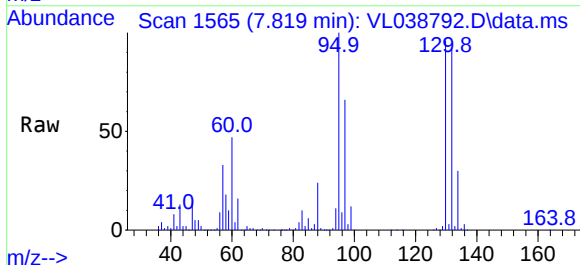
Manual Integrations
APPROVED

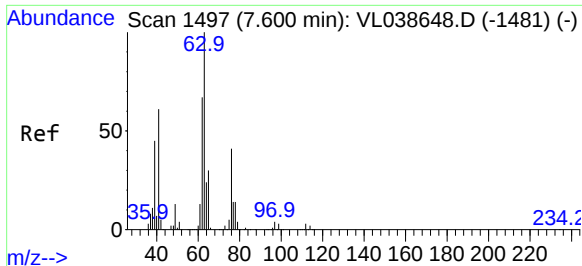
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#38
Trichloroethene
Concen: 10.209 ppbv
RT: 7.819 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

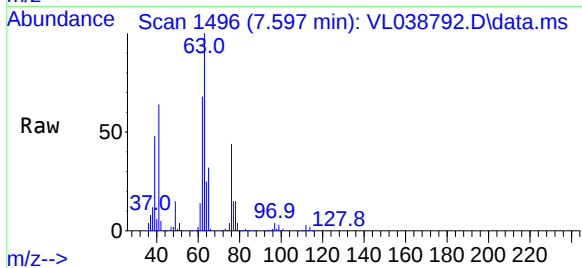
Tgt Ion:130 Resp: 823873
Ion Ratio Lower Upper
130 100
95 104.9 88.9 133.3
132 96.6 77.4 116.0
97 69.6 58.2 87.4





#39
1,2-Dichloropropane
Concen: 9.364 ppbv
RT: 7.597 min Scan# 1497
Delta R.T. -0.003 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

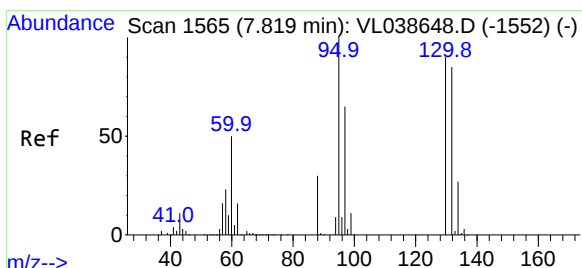
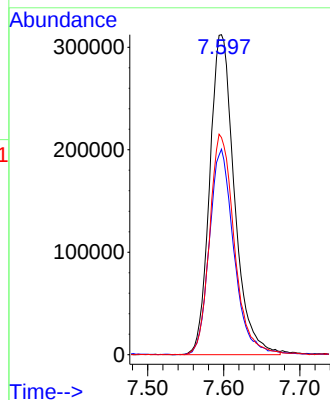
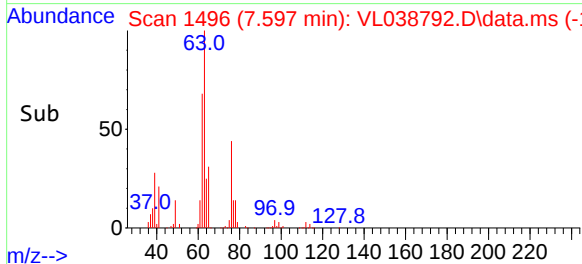
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 63 Resp: 705198
Ion Ratio Lower Upper
63 100
41 64.1 49.0 73.6
62 67.7 53.9 80.9

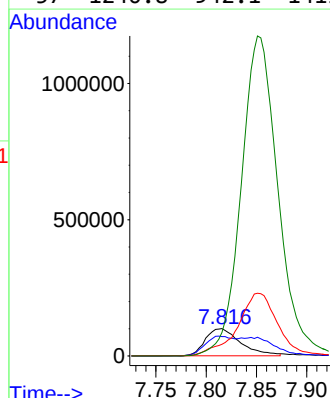
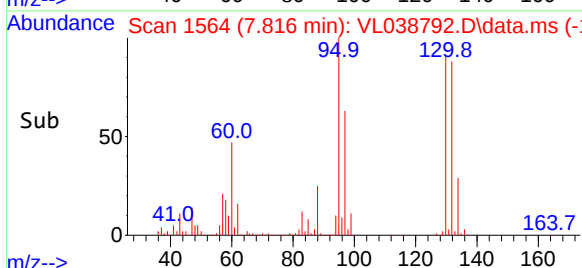
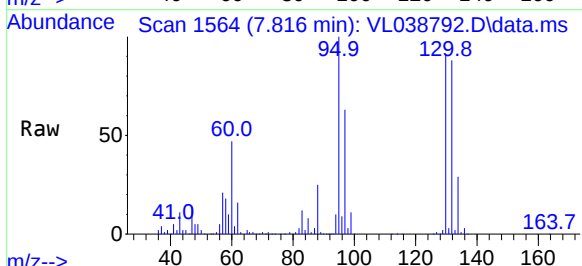
Manual Integrations
APPROVED

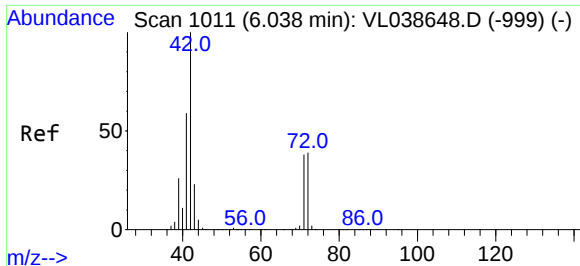
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#40
1,4-Dioxane
Concen: 9.250 ppbv
RT: 7.816 min Scan# 1564
Delta R.T. -0.003 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

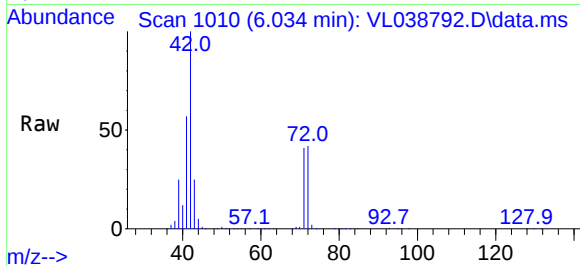
Tgt Ion: 88 Resp: 241933
Ion Ratio Lower Upper
88 100
58 131.2 105.6 158.4
43 265.5 201.9 302.9
57 1240.8 942.1 1413.1





#41
Tetrahydrofuran
Concen: 9.762 ppbv
RT: 6.034 min Scan# 1011
Delta R.T. -0.003 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

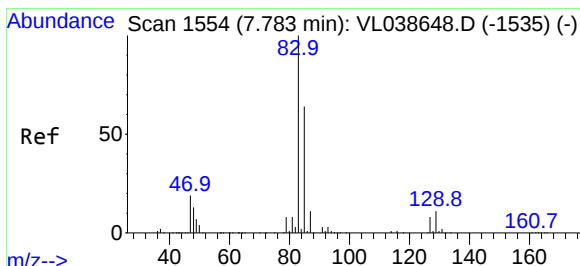
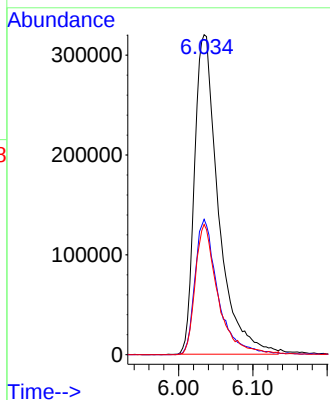
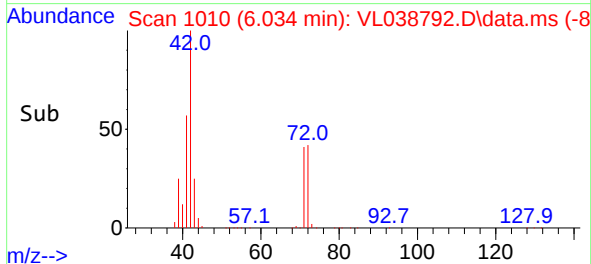
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



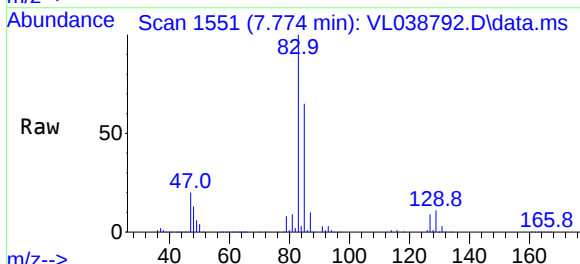
Tgt Ion: 42 Resp: 717838
Ion Ratio Lower Upper
42 100
72 41.4 32.5 48.7
71 39.1 31.4 47.2

Manual Integrations
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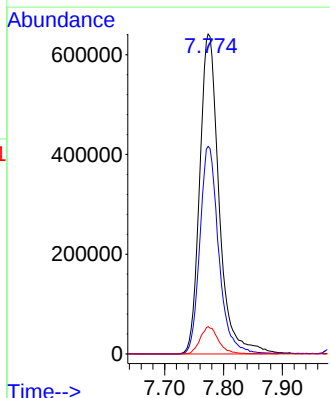
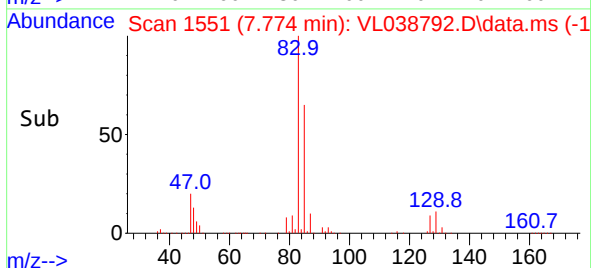
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

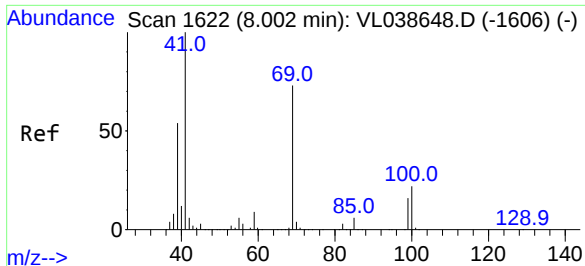


#42
Bromodichloromethane
Concen: 9.992 ppbv
RT: 7.774 min Scan# 1551
Delta R.T. -0.010 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37



Tgt Ion: 83 Resp: 1468051
Ion Ratio Lower Upper
83 100
85 64.8 51.1 76.7
127 8.5 6.5 9.7





#43
Methyl Methacrylate
Concen: 10.439 ppbv
RT: 7.996 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

Instrument :

MSVOA_L

ClientSampleId :

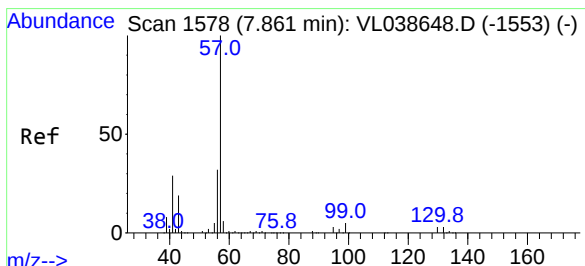
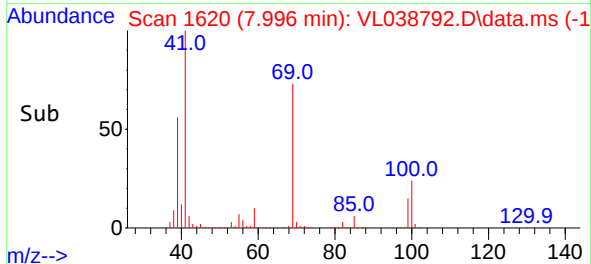
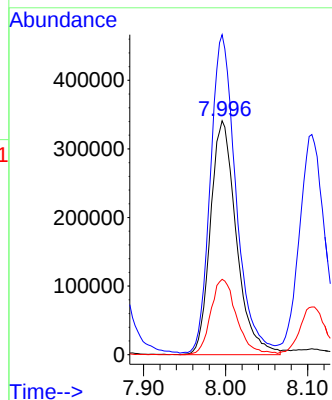
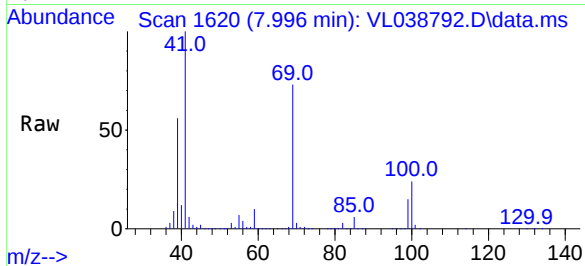
VSTDCCC010EC

Tgt Ion: 69 Resp: 746642
Ion Ratio Lower Upper
69 100
41 136.1 110.3 165.5
100 32.3 24.8 37.2

Manual Integrations

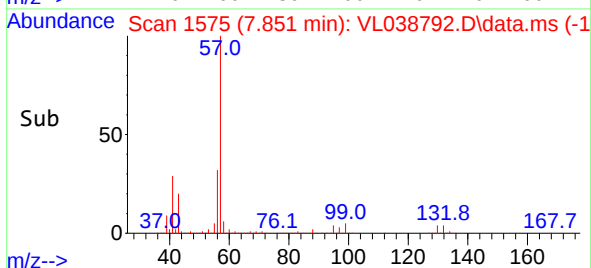
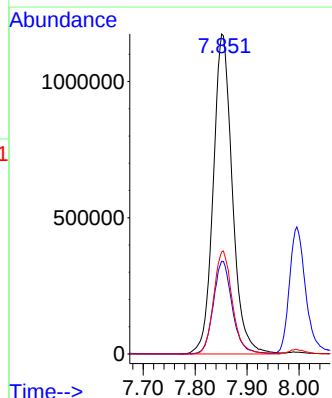
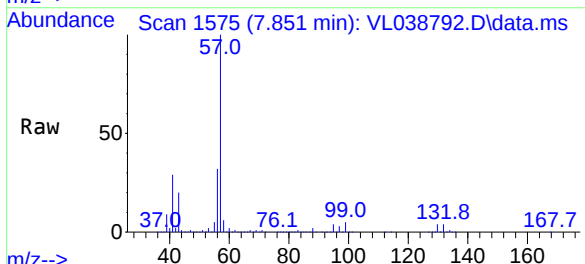
APPROVED

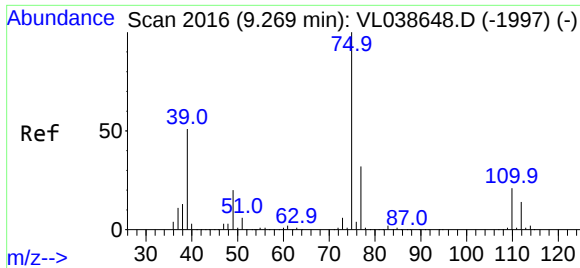
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#44
2,2,4-Trimethylpentane
Concen: 9.278 ppbv
RT: 7.851 min Scan# 1575
Delta R.T. -0.010 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

Tgt Ion: 57 Resp: 3001135
Ion Ratio Lower Upper
57 100
41 28.6 23.0 34.4
56 31.4 25.3 37.9





#45
t-1,3-Dichloropropene
Concen: 10.826 ppbv
RT: 9.259 min Scan# 2016
Delta R.T. -0.010 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

Instrument :

MSVOA_L

ClientSampleId :

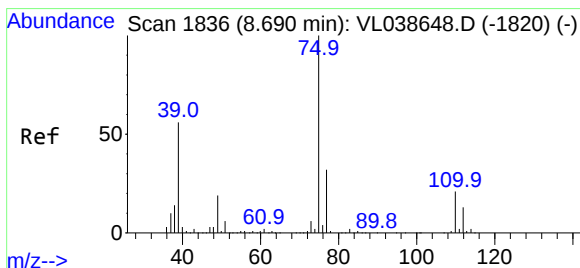
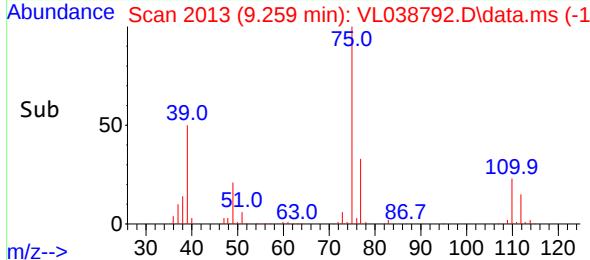
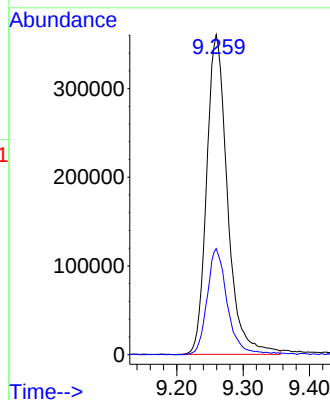
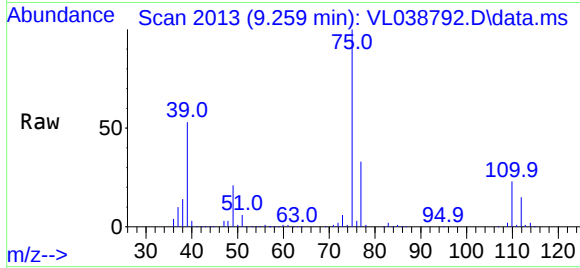
VSTDCCC010EC

Tgt Ion: 75 Resp: 78728
Ion Ratio Lower Upper
75 100
77 33.1 25.5 38.3

Manual Integrations

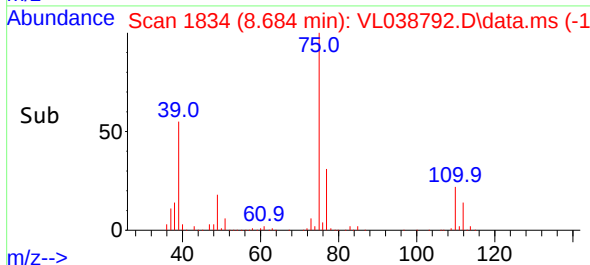
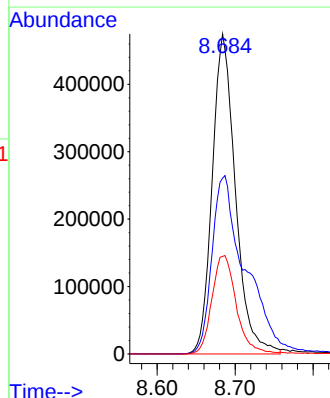
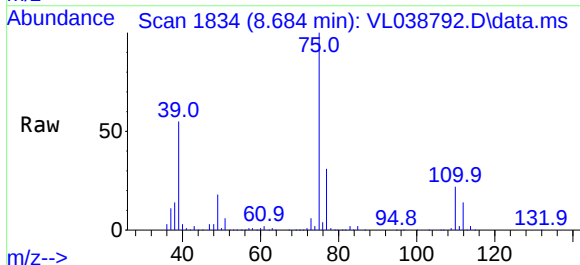
APPROVED

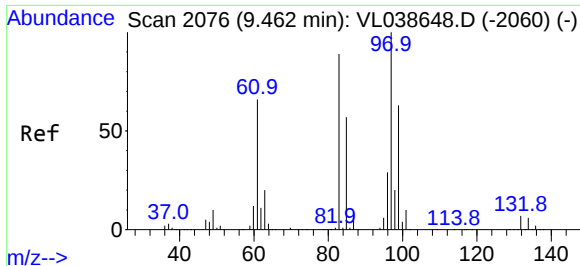
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#46
cis-1,3-Dichloropropene
Concen: 10.005 ppbv
RT: 8.684 min Scan# 1834
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

Tgt Ion: 75 Resp: 983787
Ion Ratio Lower Upper
75 100
39 54.9 44.8 67.2
77 30.5 25.4 38.0





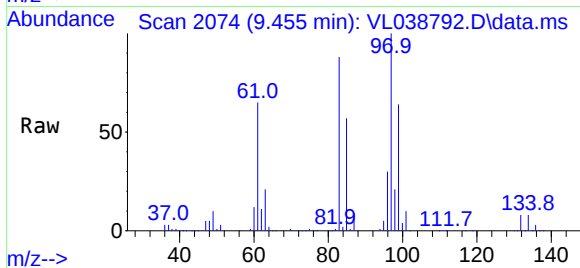
#47
1,1,2-Trichloroethane
Concen: 9.524 ppbv
RT: 9.455 min Scan# 2076
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

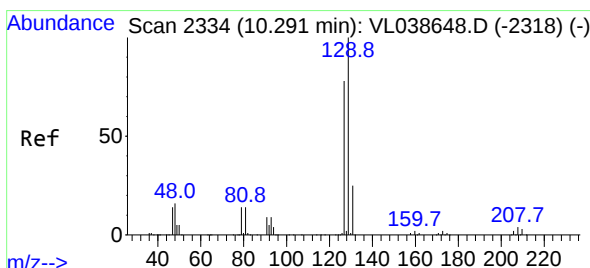
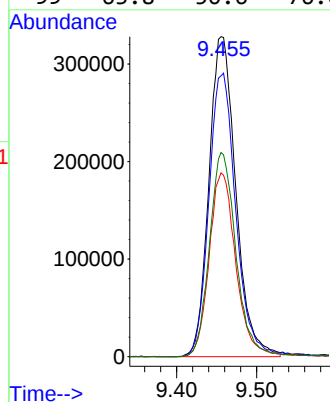
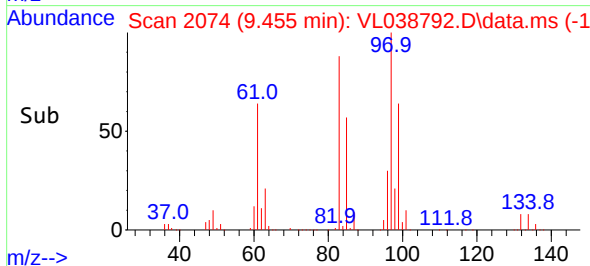


Tgt Ion: 97 Resp: 76580
Ion Ratio Lower Upper
97 100
83 87.7 71.2 106.8
85 57.4 45.3 67.9
99 63.8 50.6 76.0

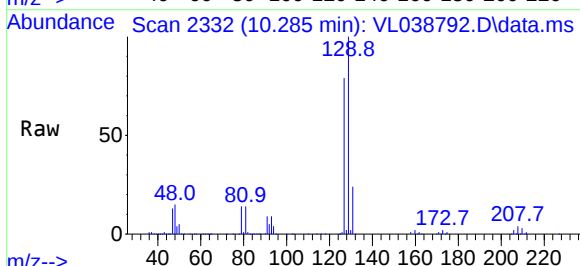
Manual Integrations

APPROVED

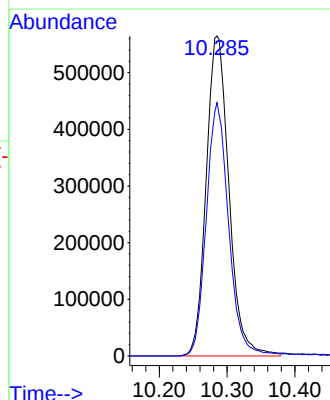
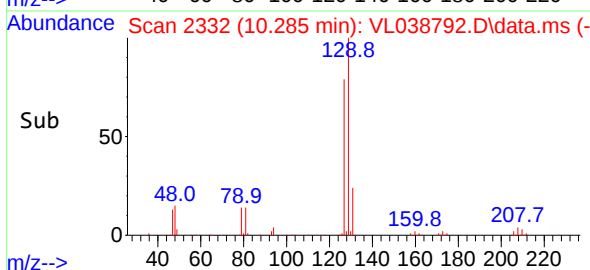
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

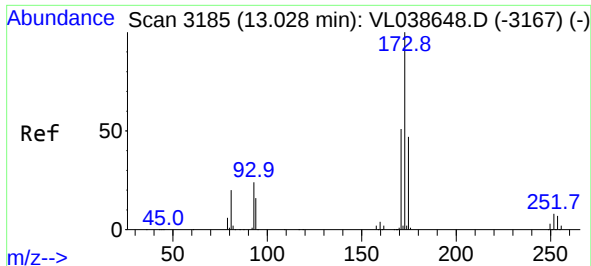


#48
Dibromochloromethane
Concen: 10.467 ppbv
RT: 10.285 min Scan# 2332
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37



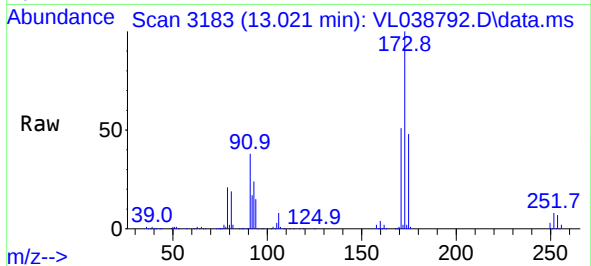
Tgt Ion:129 Resp: 1318290
Ion Ratio Lower Upper
129 100
127 78.2 39.5 118.5





#49
Bromoform
Concen: 10.706 ppbv
RT: 13.021 min Scan# 3185
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

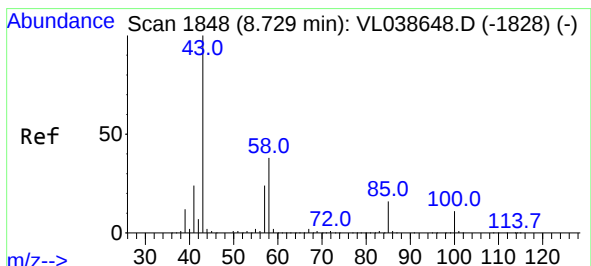
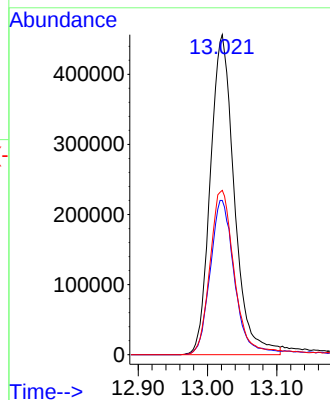
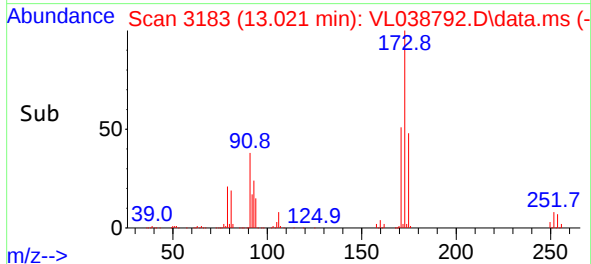
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



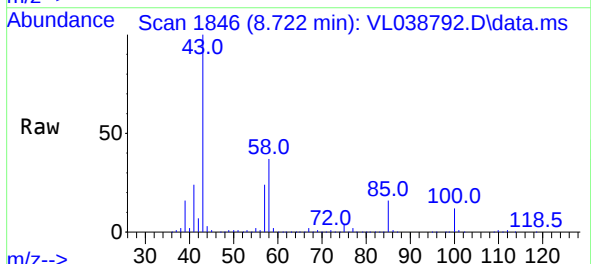
Tgt Ion:173 Resp: 109904
Ion Ratio Lower Upper
173 100
175 50.4 41.0 61.6
171 54.2 43.1 64.7

Manual Integrations
APPROVED

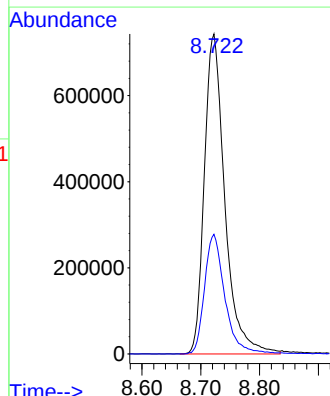
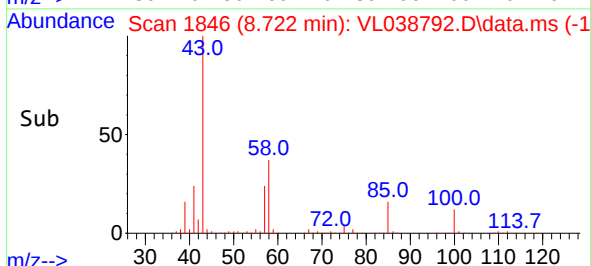
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

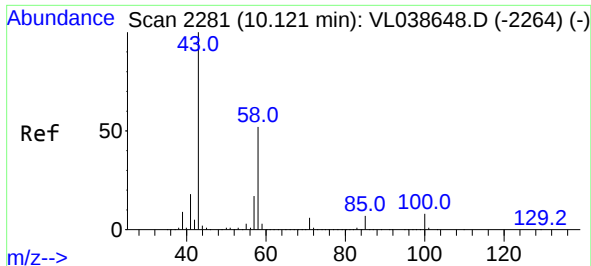


#50
4-Methyl-2-Pentanone
Concen: 9.786 ppbv
RT: 8.722 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37



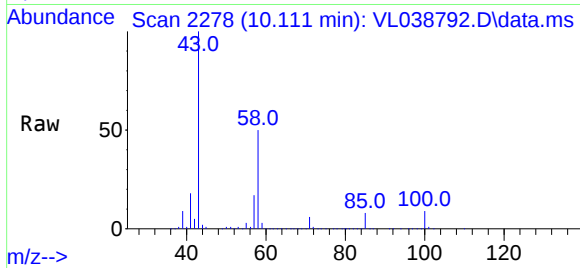
Tgt Ion: 43 Resp: 1797533
Ion Ratio Lower Upper
43 100
58 37.4 29.9 44.9





#51
2-Hexanone
Concen: 10.266 ppbv
RT: 10.111 min Scan# 2117
Delta R.T. -0.010 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

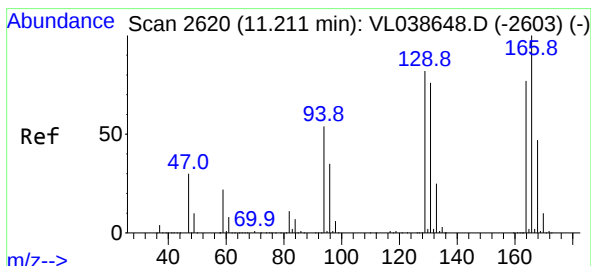
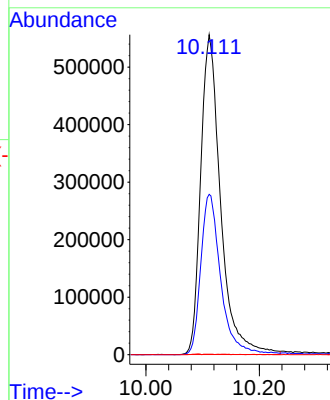
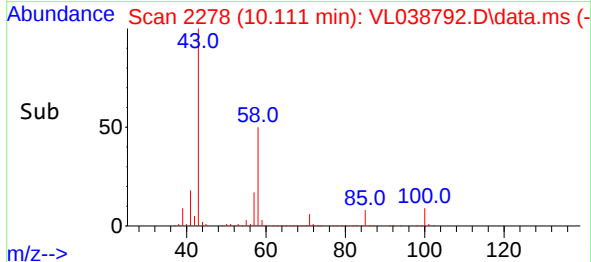
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



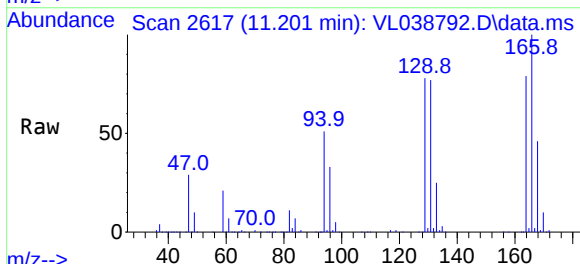
Tgt Ion: 43 Resp: 1354386
Ion Ratio Lower Upper
43 100
58 50.9 41.2 61.8
98 0.2 0.2 0.4

Manual Integrations
APPROVED

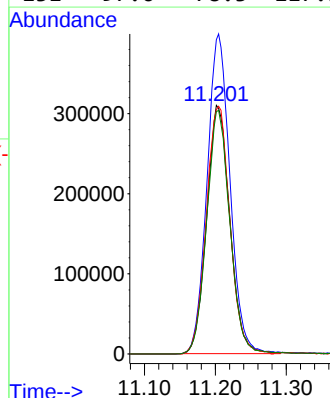
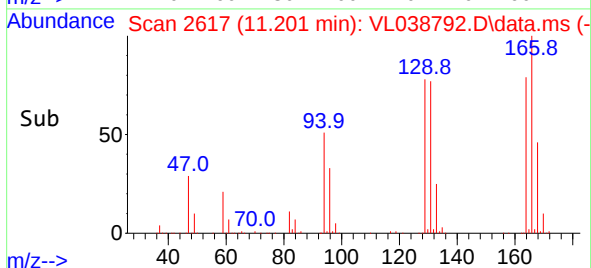
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

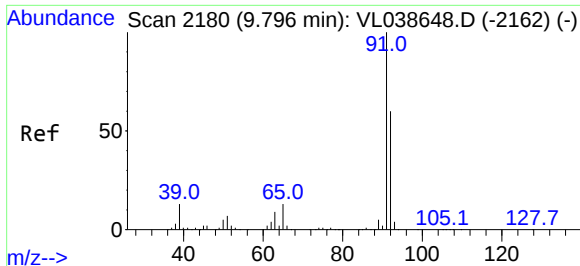


#52
Tetrachloroethene
Concen: 9.991 ppbv
RT: 11.201 min Scan# 2617
Delta R.T. -0.010 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37



Tgt Ion:164 Resp: 704315
Ion Ratio Lower Upper
164 100
166 126.4 103.3 154.9
129 98.3 85.2 127.8
131 97.6 78.3 117.5





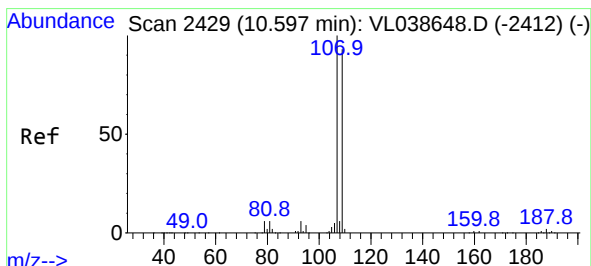
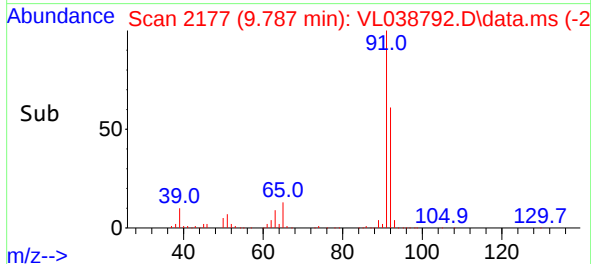
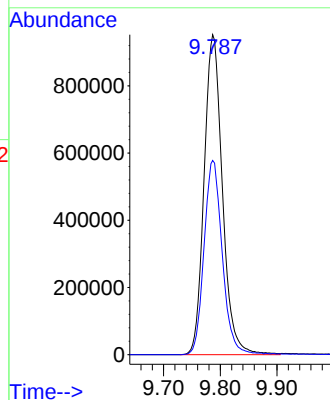
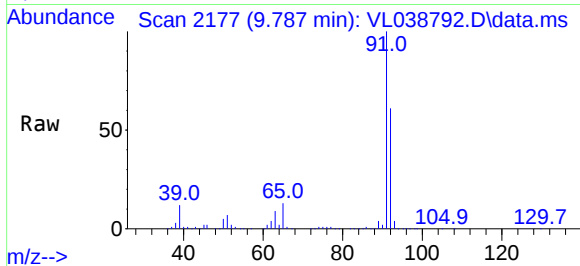
#53
Toluene
Concen: 10.340 ppbv
RT: 9.787 min Scan# 2180
Delta R.T. -0.010 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 214039
Ion Ratio Lower Upper
91 100
92 60.9 48.7 73.1

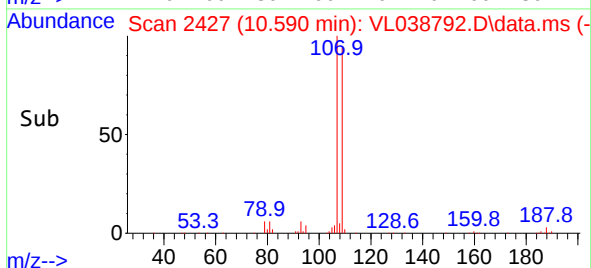
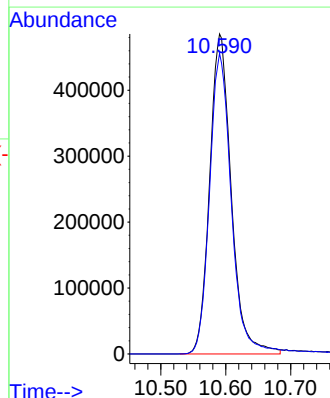
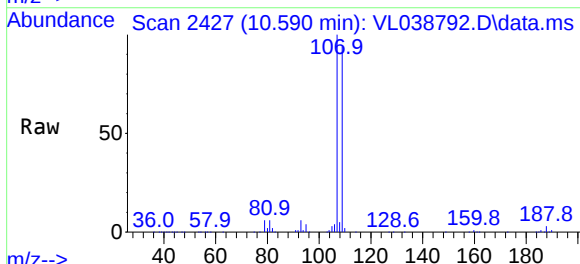
Manual Integrations
APPROVED

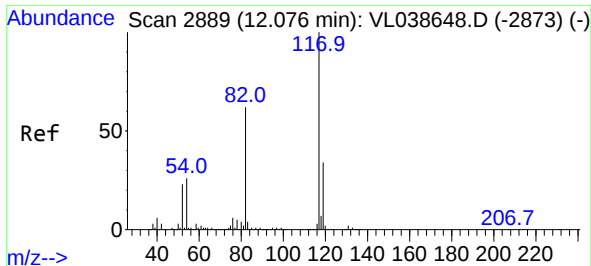
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#54
1,2-Dibromoethane
Concen: 10.202 ppbv
RT: 10.590 min Scan# 2427
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

Tgt Ion:107 Resp: 1120090
Ion Ratio Lower Upper
107 100
109 93.9 74.1 111.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.066 min Scan# 2889

Delta R.T. -0.010 min

Lab File: VL038792.D

Acq: 29 Mar 2022 7:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:117 Resp: 211899

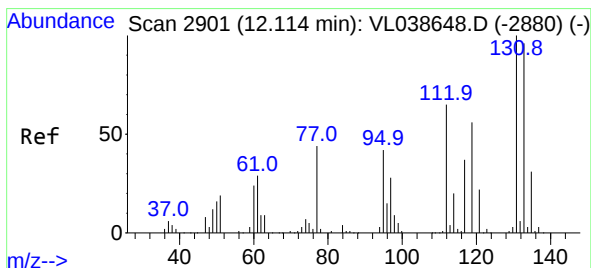
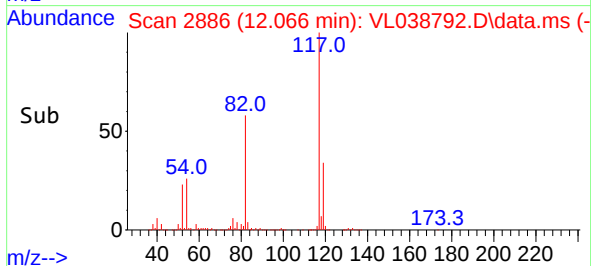
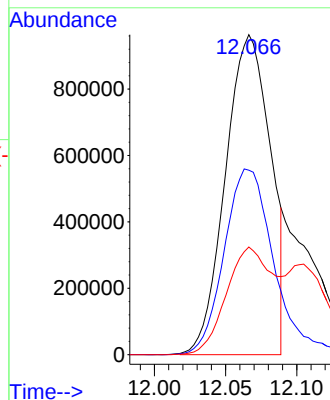
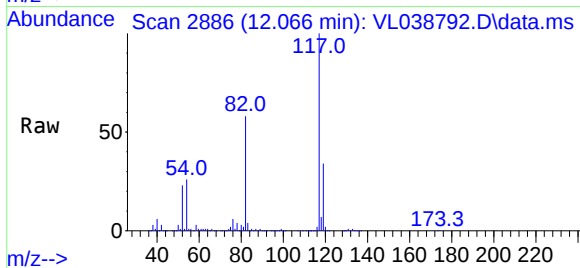
Ion	Ratio	Lower	Upper
117	100		
82	67.4	51.6	77.4
119	33.0	26.9	40.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 10.311 ppbv

RT: 12.105 min Scan# 2898

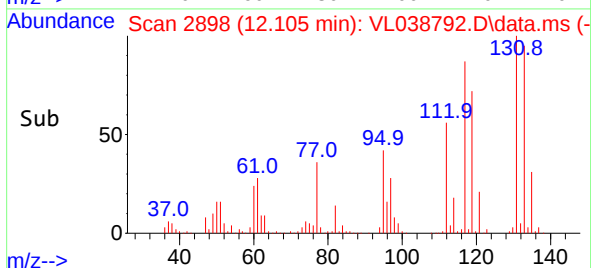
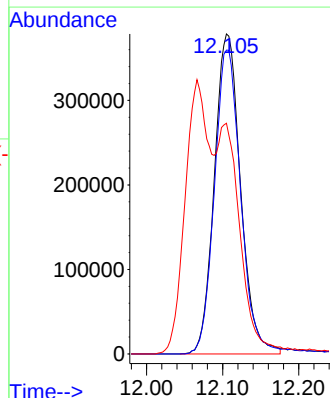
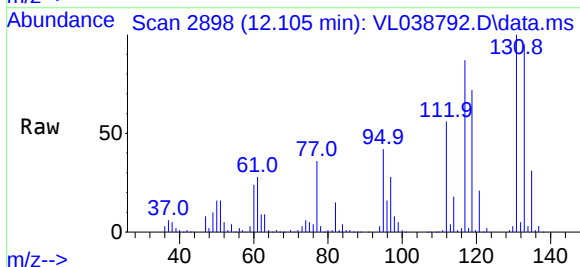
Delta R.T. -0.010 min

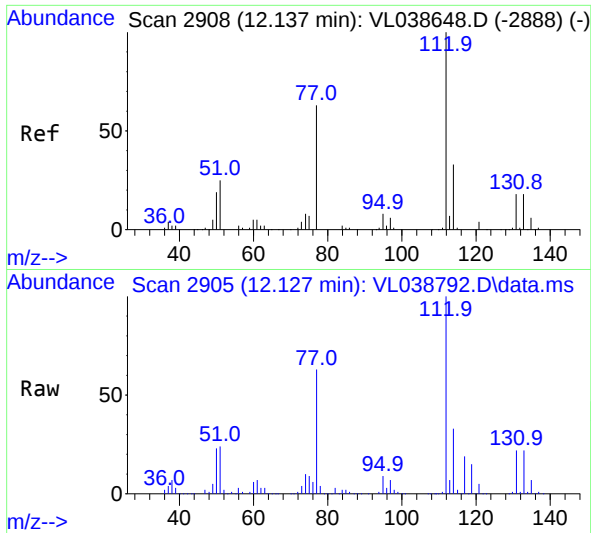
Lab File: VL038792.D

Acq: 29 Mar 2022 7:37

Tgt Ion:131 Resp: 905786

Ion	Ratio	Lower	Upper
131	100		
133	97.4	77.3	115.9
119	67.6	53.0	79.6





#57

Chlorobenzene

Concen: 10.297 ppbv

RT: 12.127 min Scan# 2905

Delta R.T. -0.010 min

Lab File: VL038792.D

Acq: 29 Mar 2022 7:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

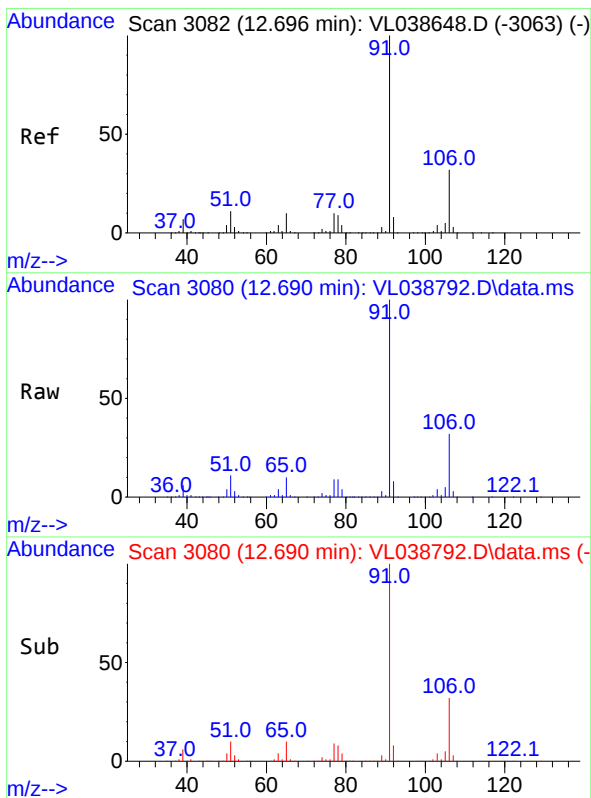
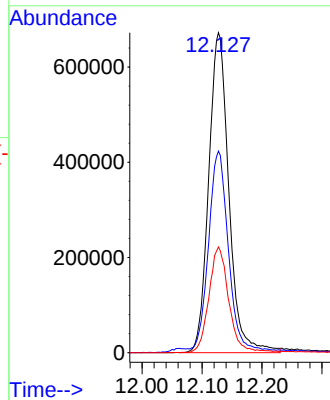
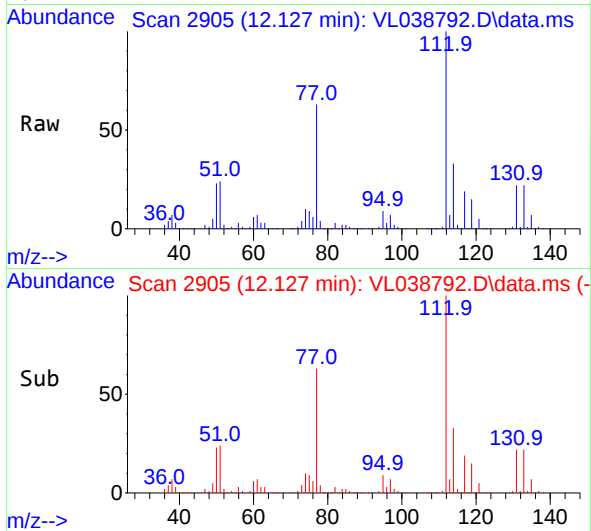
Tgt Ion:112 Resp: 1573624

Ion	Ratio	Lower	Upper
112	100		
77	62.1	51.0	76.6
114	33.0	29.8	36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#58

Ethyl Benzene

Concen: 11.059 ppbv

RT: 12.690 min Scan# 3080

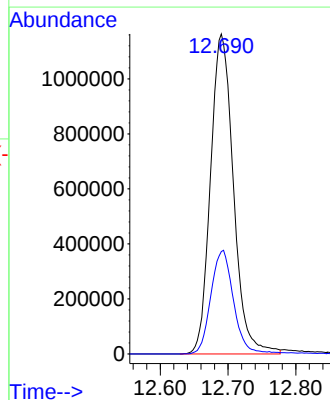
Delta R.T. -0.006 min

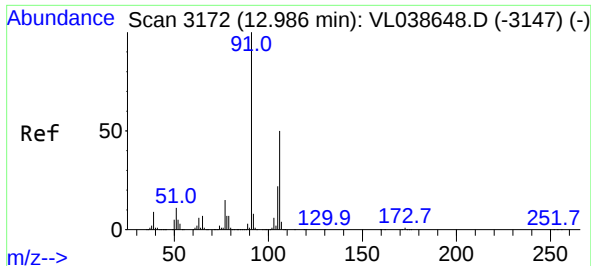
Lab File: VL038792.D

Acq: 29 Mar 2022 7:37

Tgt Ion: 91 Resp: 2739589

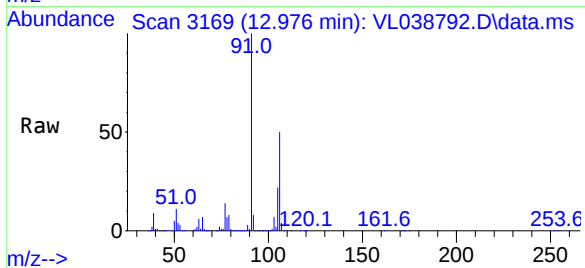
Ion	Ratio	Lower	Upper
91	100		
106	32.0	25.4	38.0





#59
m/p-Xylene
Concen: 20.861 ppbv m
RT: 12.976 min Scan# 3172
Delta R.T. -0.010 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

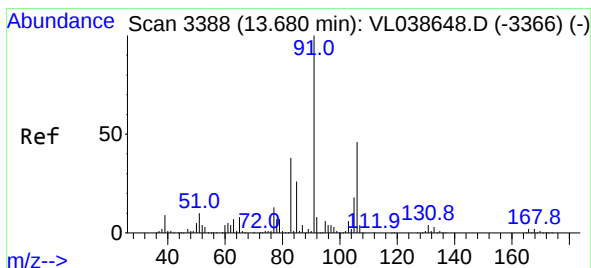
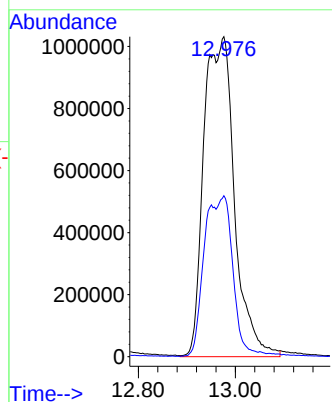
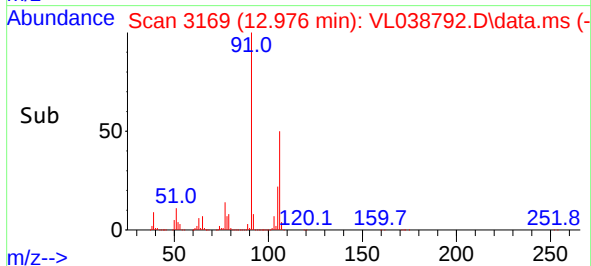
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



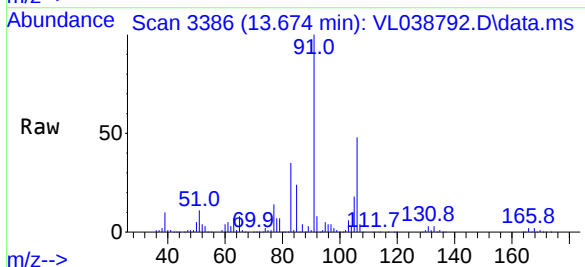
Tgt Ion: 91 Resp: 452039
Ion Ratio Lower Upper
91 100
106 47.5 37.2 55.8

Manual Integrations
APPROVED

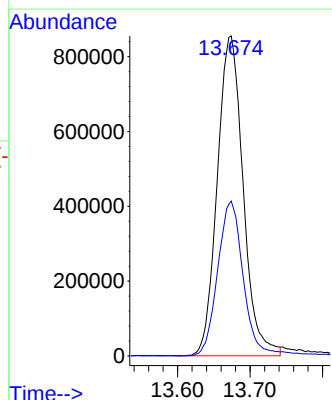
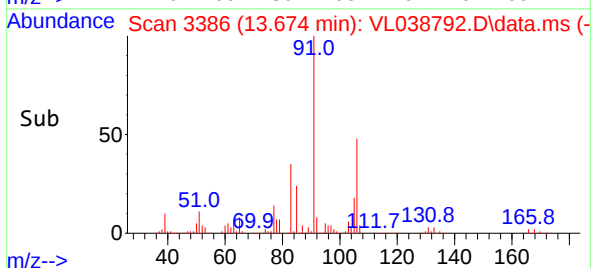
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

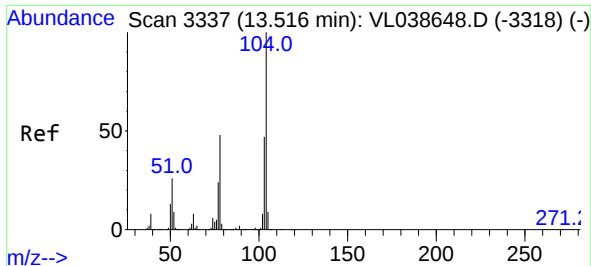


#60
o-Xylene
Concen: 10.298 ppbv
RT: 13.674 min Scan# 3386
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37



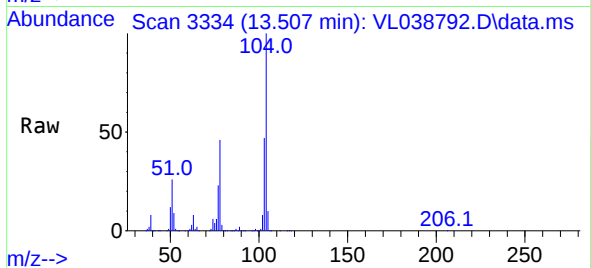
Tgt Ion: 91 Resp: 2118824
Ion Ratio Lower Upper
91 100
106 48.8 23.5 70.5





#61
Styrene
Concen: 11.697 ppbv
RT: 13.507 min Scan# 3110
Delta R.T. -0.010 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

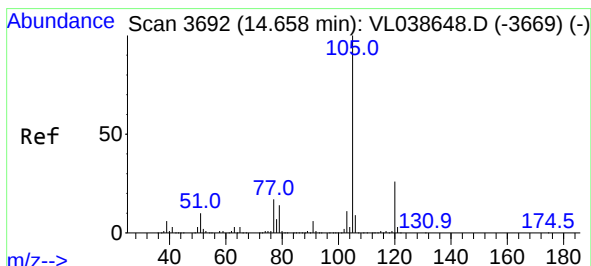
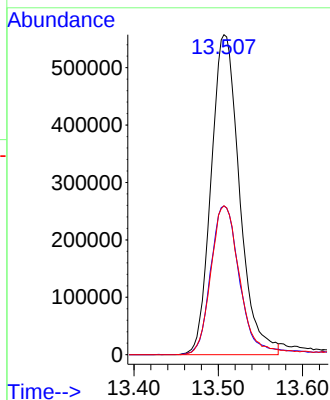
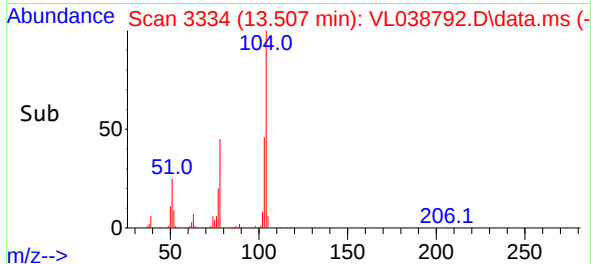
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



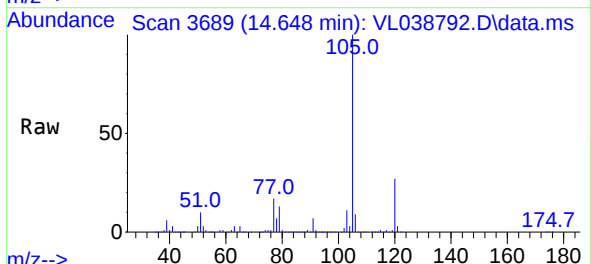
Tgt Ion:104 Resp: 1305110
Ion Ratio Lower Upper
104 100
78 48.2 39.0 58.4
103 48.0 37.8 56.8

Manual Integrations
APPROVED

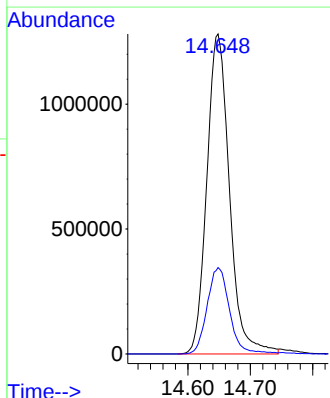
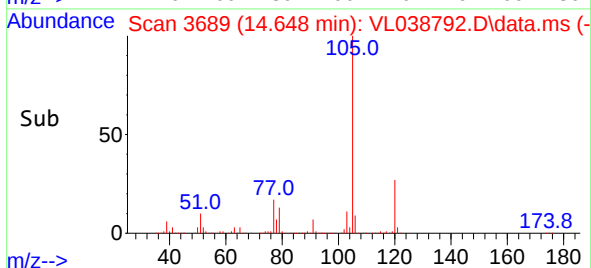
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

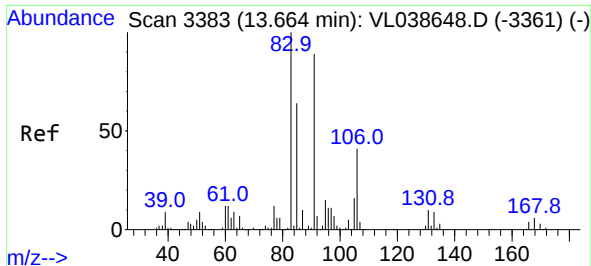


#62
Isopropylbenzene
Concen: 10.430 ppbv
RT: 14.648 min Scan# 3689
Delta R.T. -0.010 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37



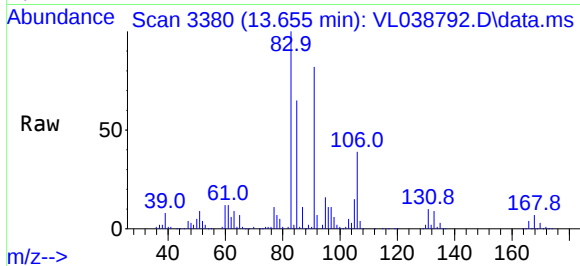
Tgt Ion:105 Resp: 3226025
Ion Ratio Lower Upper
105 100
120 27.0 21.2 31.8





#63
1,1,2,2-Tetrachloroethane
Concen: 8.794 ppbv
RT: 13.655 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

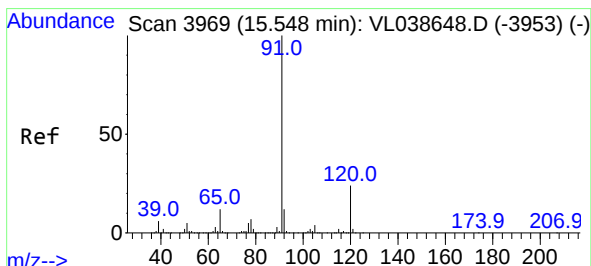
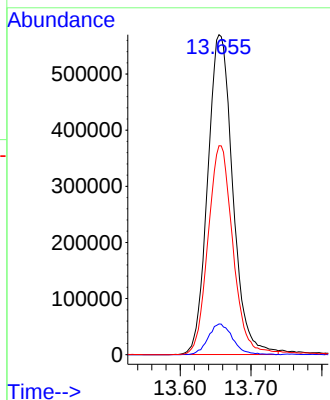
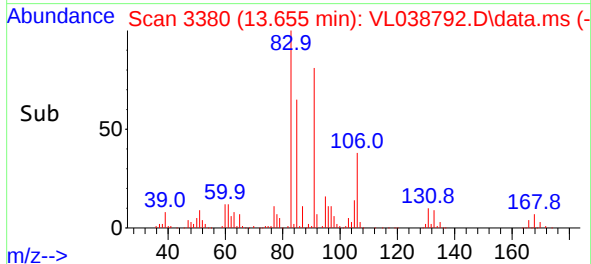
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



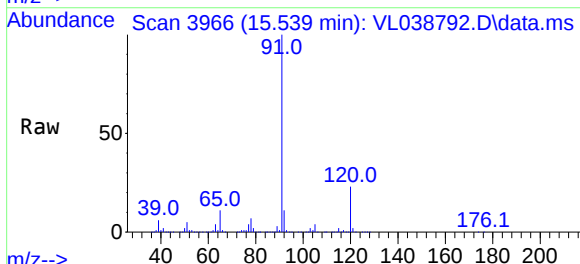
Tgt Ion: 83 Resp: 1401572
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.3
85 66.1 32.6 97.8

Manual Integrations
APPROVED

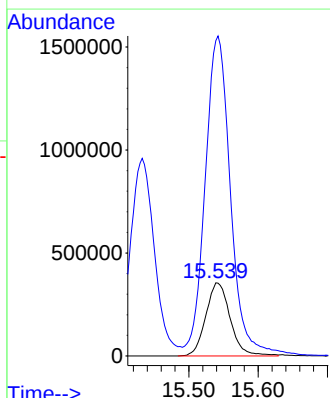
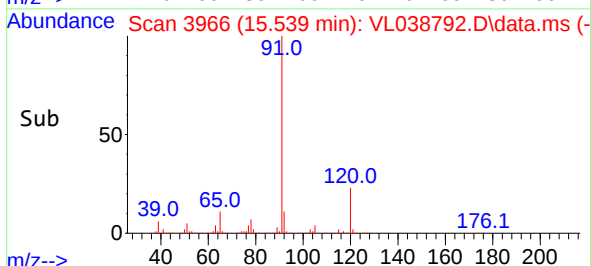
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

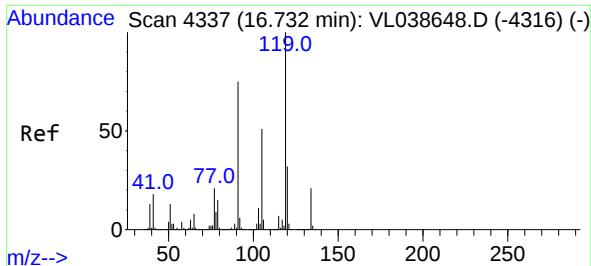


#64
n-propylbenzene
Concen: 10.695 ppbv
RT: 15.539 min Scan# 3966
Delta R.T. -0.010 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37



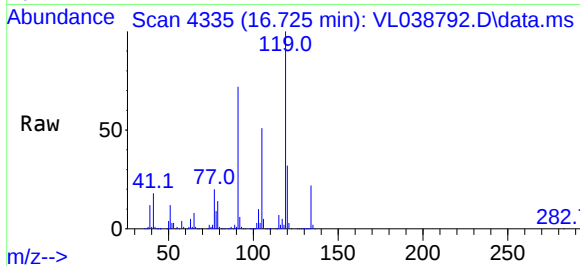
Tgt Ion:120 Resp: 868074
Ion Ratio Lower Upper
120 100
91 456.4 368.0 552.0





#65
tert-Butylbenzene
Concen: 10.037 ppbv
RT: 16.725 min Scan# 411
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

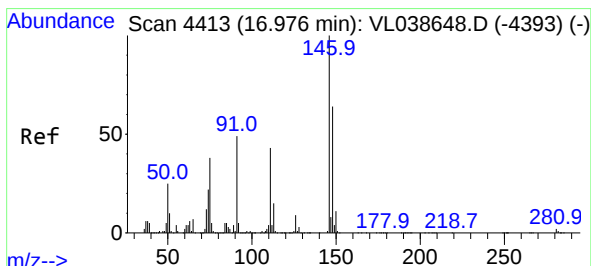
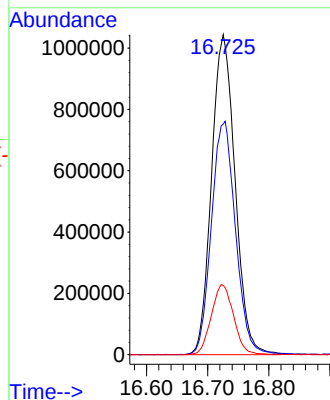
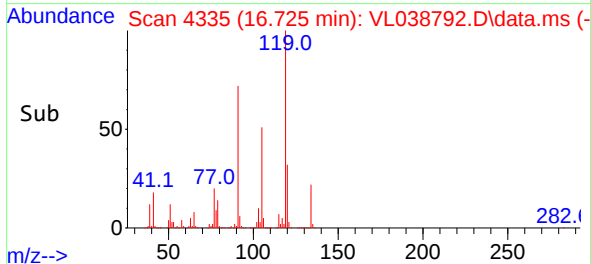
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



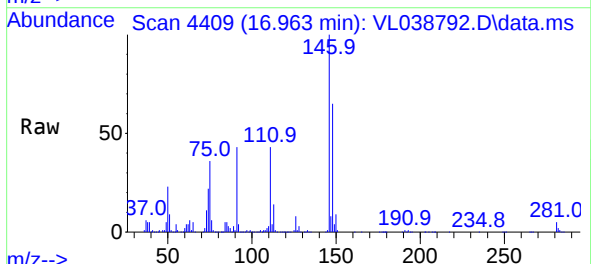
Tgt Ion: 119 Resp: 2789590
Ion Ratio Lower Upper
119 100
91 74.6 61.2 91.8
134 20.8 16.3 24.5

Manual Integrations
APPROVED

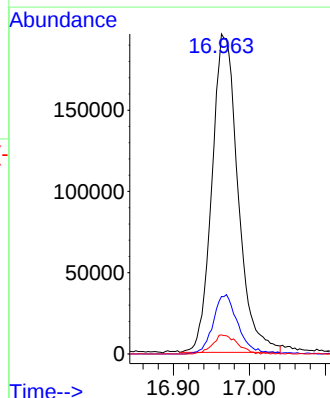
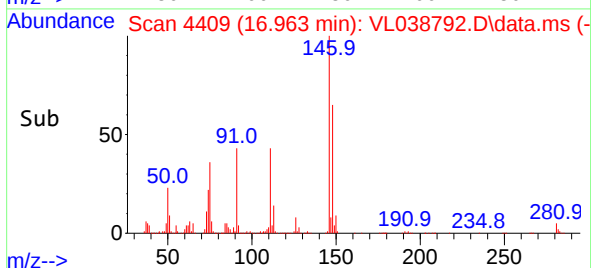
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

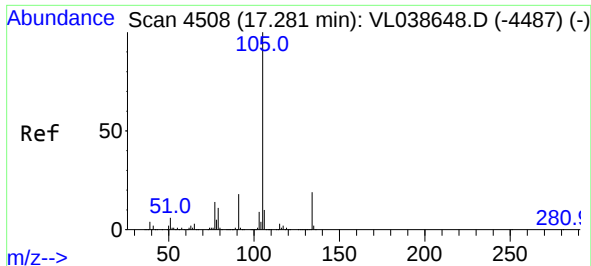


#66
Benzyl Chloride
Concen: 8.866 ppbv
RT: 16.963 min Scan# 4409
Delta R.T. -0.013 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37



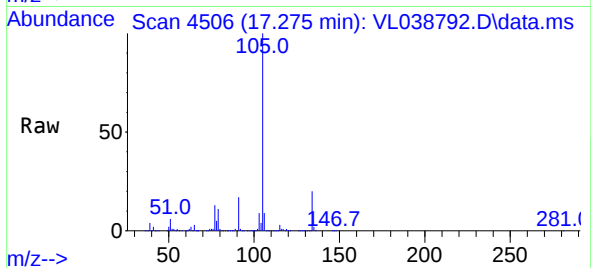
Tgt Ion: 91 Resp: 466593
Ion Ratio Lower Upper
91 100
126 18.1 14.3 21.5
128 5.8 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 9.981 ppbv
 RT: 17.275 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL038792.D
 Acq: 29 Mar 2022 7:37

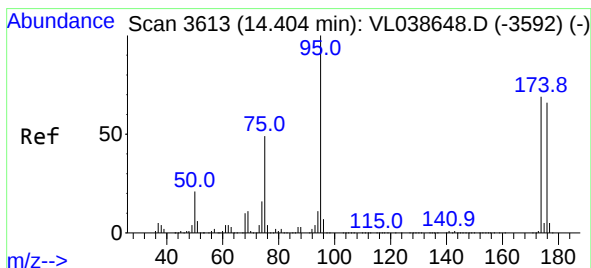
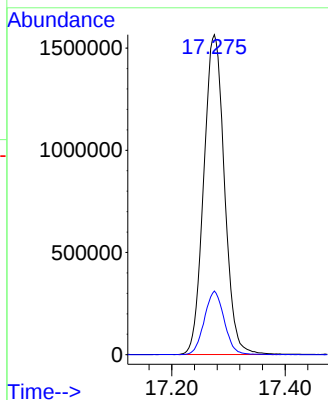
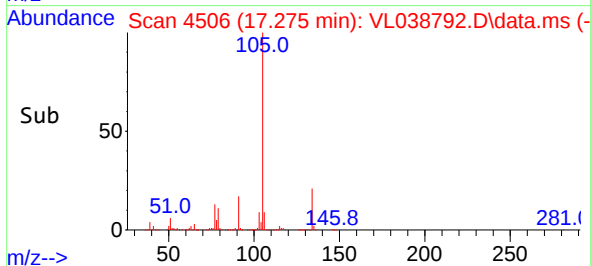
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



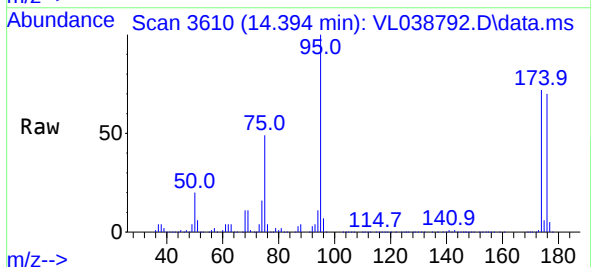
Tgt Ion:105 Resp: 3967190
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.1 22.7

Manual Integrations
 APPROVED

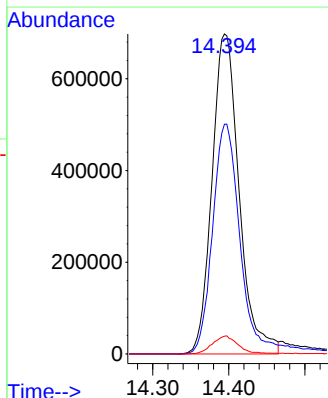
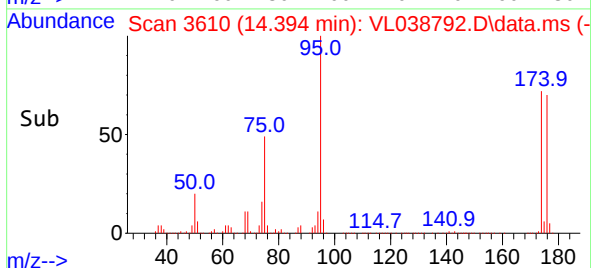
Reviewed By :Semsettin Yesilyurt 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022

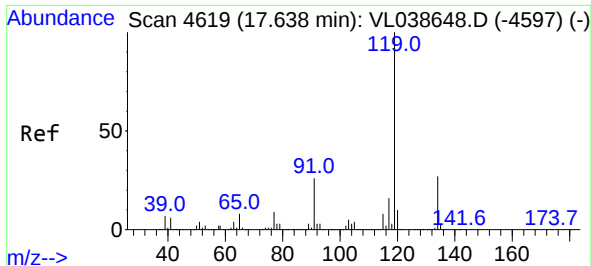


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.651 ppbv
 RT: 14.394 min Scan# 3610
 Delta R.T. -0.010 min
 Lab File: VL038792.D
 Acq: 29 Mar 2022 7:37



Tgt Ion: 95 Resp: 1730396
 Ion Ratio Lower Upper
 95 100
 174 75.1 56.1 84.1
 175 5.7 4.2 6.2





#69

p-Isopropyltoluene

Concen: 10.129 ppbv

RT: 17.635 min Scan# 4619

Delta R.T. -0.003 min

Lab File: VL038792.D

Acq: 29 Mar 2022 7:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 3285750

Ion Ratio Lower Upper

119 100

134 26.6 21.2 31.8

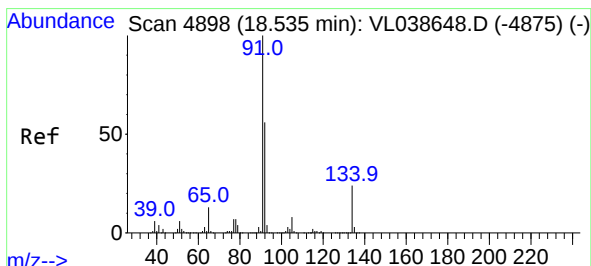
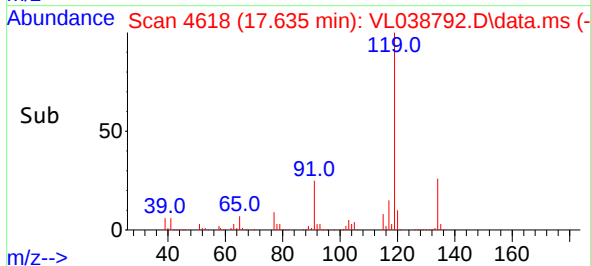
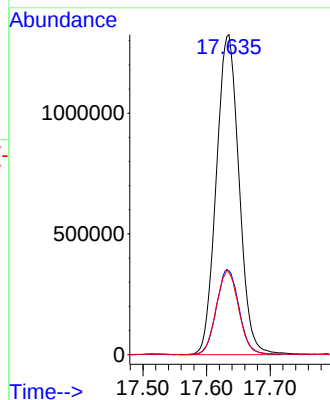
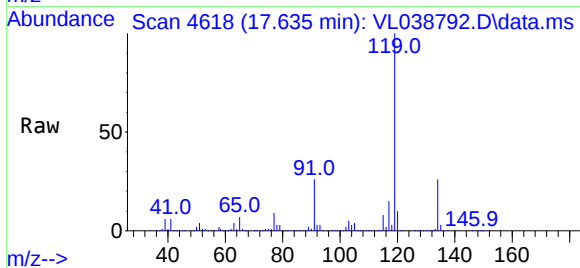
91 26.1 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#70

n-Butylbenzene

Concen: 9.723 ppbv

RT: 18.529 min Scan# 4896

Delta R.T. -0.006 min

Lab File: VL038792.D

Acq: 29 Mar 2022 7:37

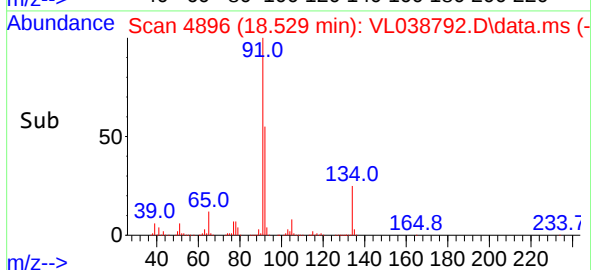
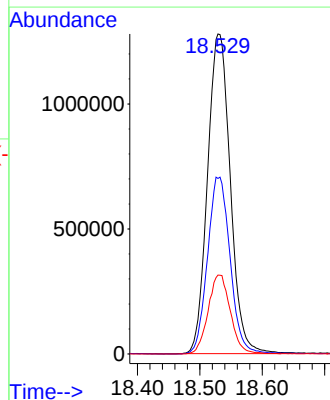
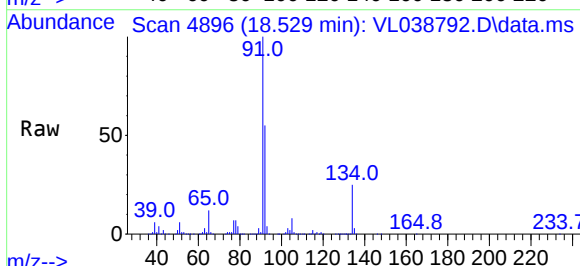
Tgt Ion: 91 Resp: 3253260

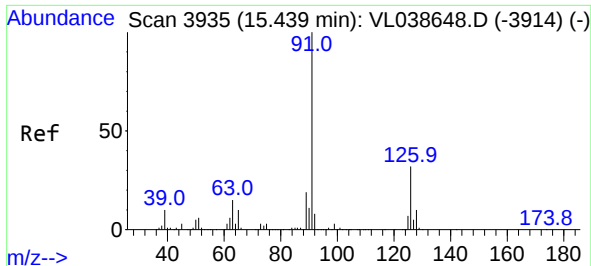
Ion Ratio Lower Upper

91 100

92 55.2 43.9 65.9

134 24.2 18.7 28.1





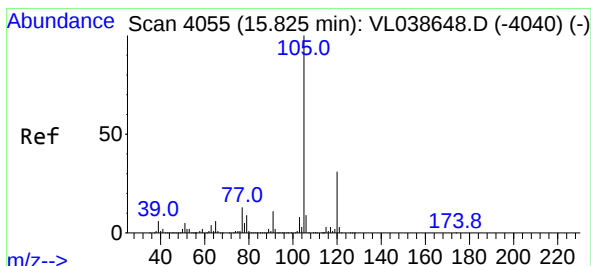
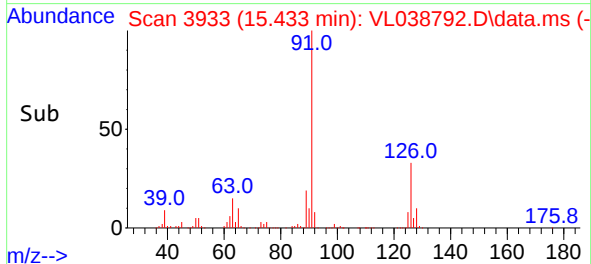
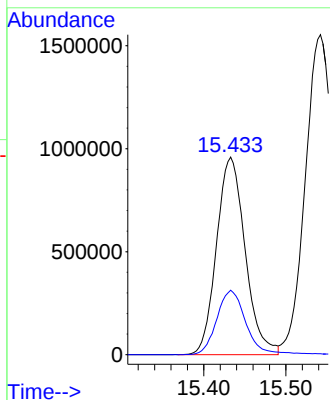
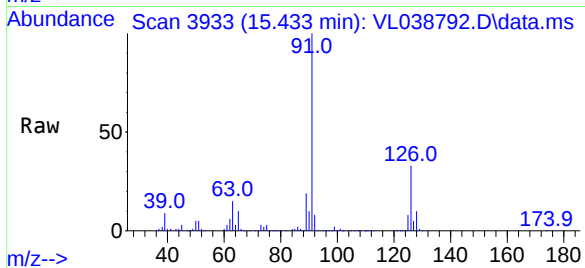
#71
2-Chlorotoluene
Concen: 10.148 ppbv
RT: 15.433 min Scan# 3935
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 232976
Ion Ratio Lower Upper
91 100
126 33.6 13.1 52.3

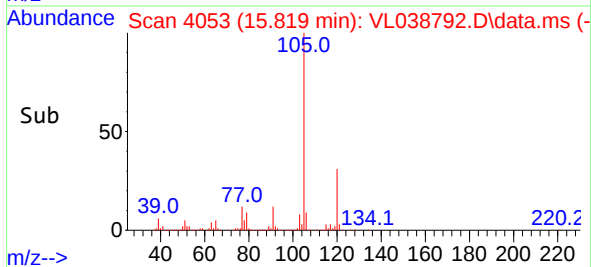
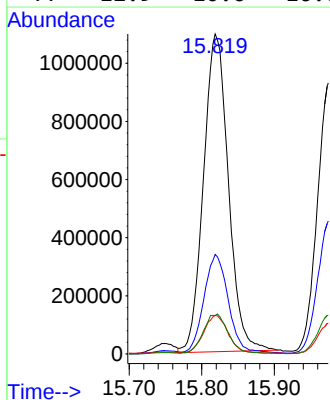
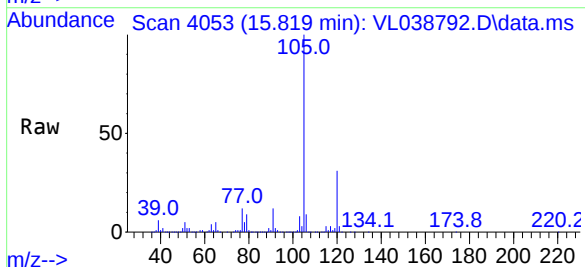
Manual Integrations
APPROVED

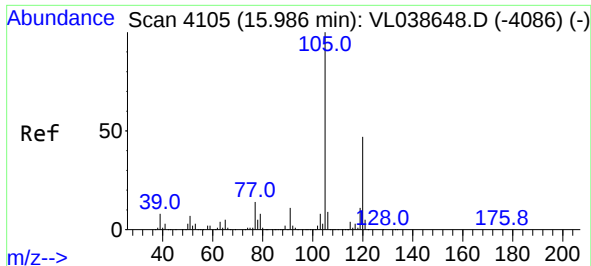
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#72
4-Ethyltoluene
Concen: 10.719 ppbv
RT: 15.819 min Scan# 4053
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

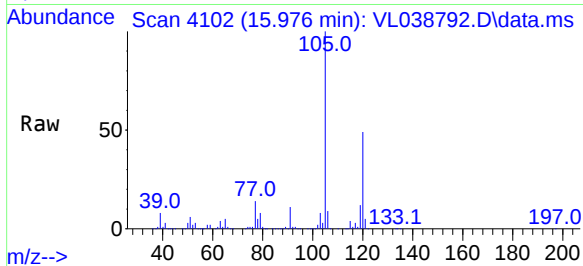
Tgt Ion:105 Resp: 2603443
Ion Ratio Lower Upper
105 100
120 31.4 24.9 37.3
91 11.9 9.8 14.6
77 12.9 10.6 16.0





#73
1,3,5-Trimethylbenzene
Concen: 10.363 ppbv
RT: 15.976 min Scan# 4105
Delta R.T. -0.010 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

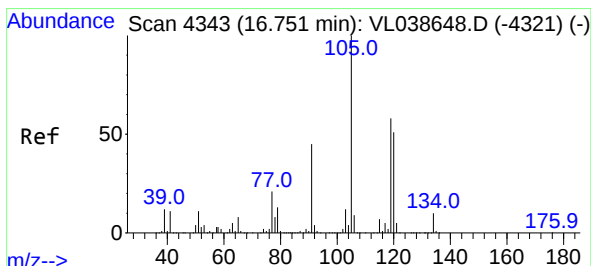
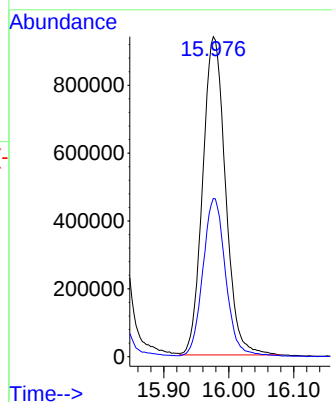
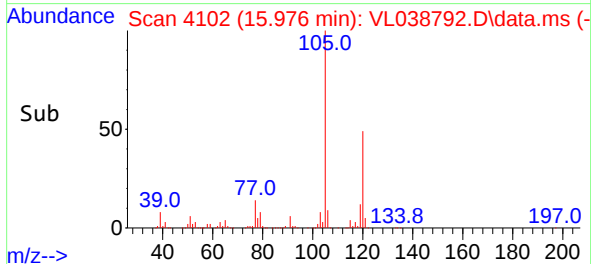
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



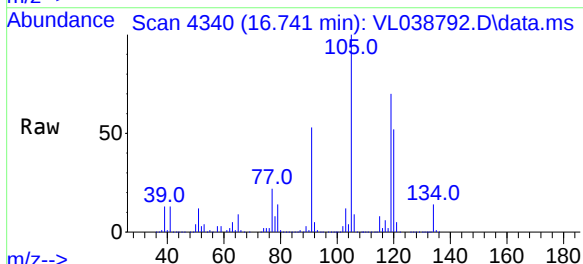
Tgt Ion:105 Resp: 229360
Ion Ratio Lower Upper
105 100
120 49.4 37.6 56.4

Manual Integrations
APPROVED

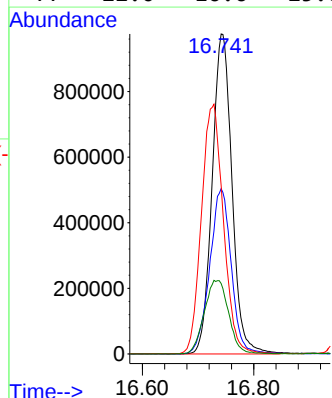
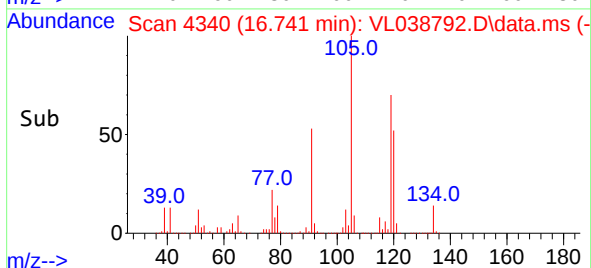
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

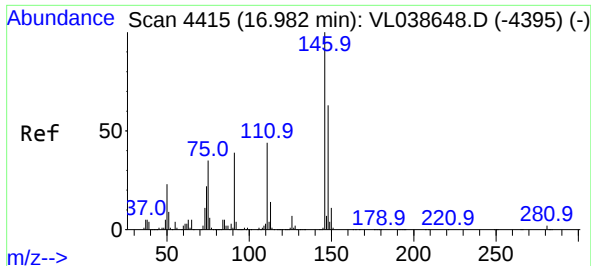


#74
1,2,4-Trimethylbenzene
Concen: 9.980 ppbv
RT: 16.741 min Scan# 4340
Delta R.T. -0.010 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37



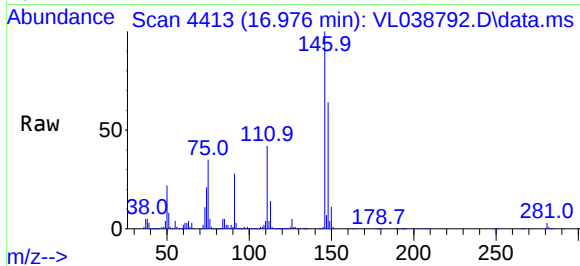
Tgt Ion:105 Resp: 2405782
Ion Ratio Lower Upper
105 100
120 51.6 40.5 60.7
91 52.5 35.9 53.9
77 22.0 16.6 25.0





#75
1,3-Dichlorobenzene
Concen: 9.762 ppbv
RT: 16.976 min Scan# 4413
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

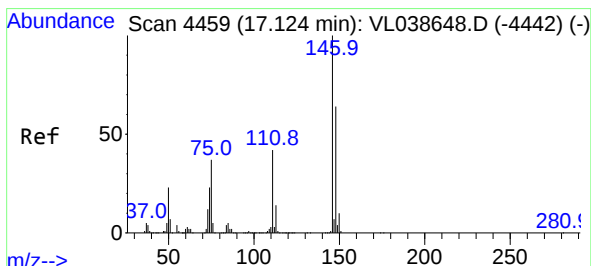
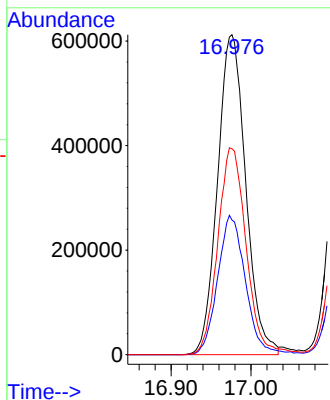
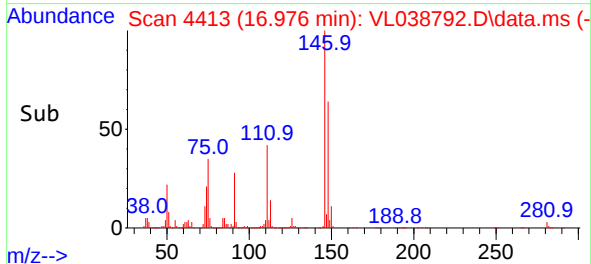
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



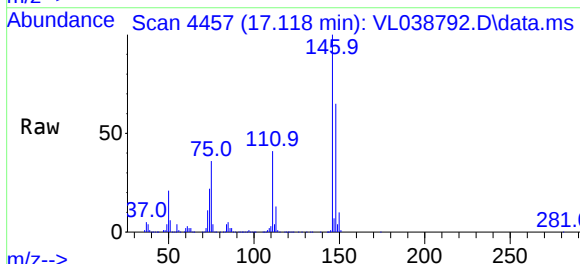
Tgt Ion:146 Resp: 1498944
Ion Ratio Lower Upper
146 100
111 43.1 22.2 66.6
148 65.2 32.5 97.5

Manual Integrations
APPROVED

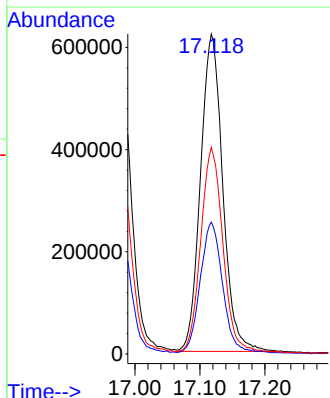
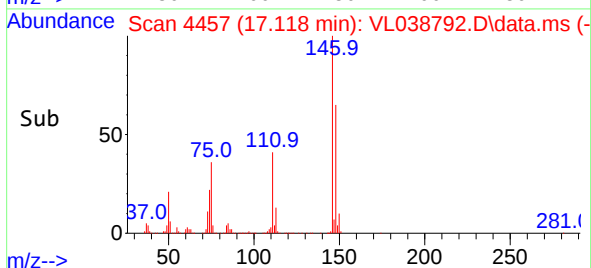
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



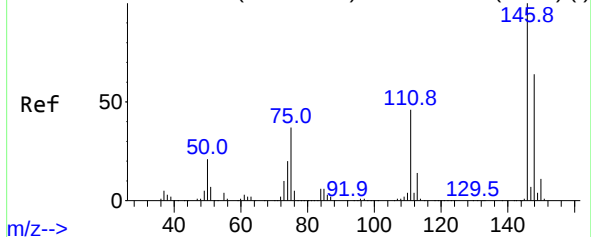
#76
1,4-Dichlorobenzene
Concen: 9.690 ppbv
RT: 17.118 min Scan# 4457
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37



Tgt Ion:146 Resp: 1479652
Ion Ratio Lower Upper
146 100
111 42.8 21.4 64.2
148 66.1 32.1 96.3

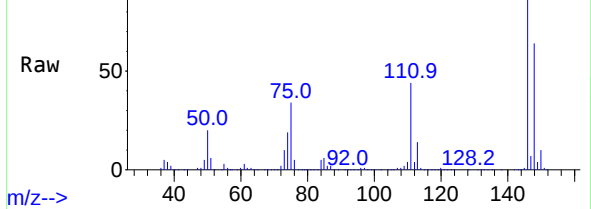


Abundance Scan 4670 (17.802 min): VL038648.D (-4650) (-)



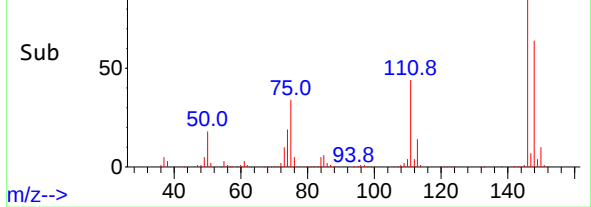
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Abundance Scan 4668 (17.796 min): VL038792.D\data.ms



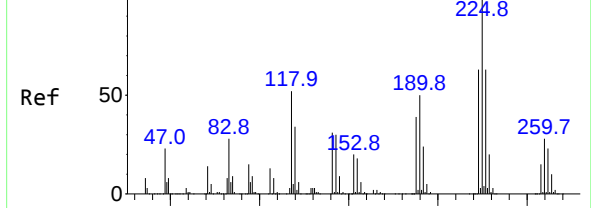
m/z-->

Abundance Scan 4668 (17.796 min): VL038792.D\data.ms (-)



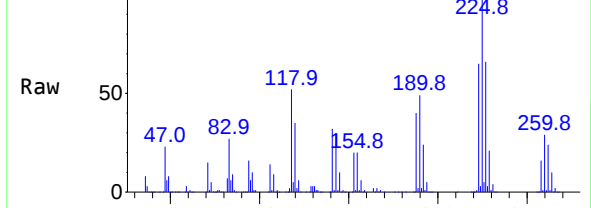
m/z-->

Abundance Scan 6399 (23.362 min): VL038648.D (-6378) (-)



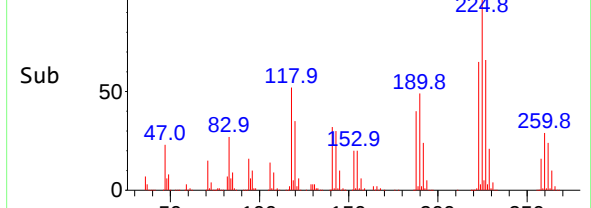
m/z-->

Abundance Scan 6397 (23.355 min): VL038792.D\data.ms



m/z-->

Abundance Scan 6397 (23.355 min): VL038792.D\data.ms (-)



m/z-->

#77

1,2-Dichlorobenzene

Concen: 9.524 ppbv

RT: 17.796 min Scan# 4668

Delta R.T. -0.006 min

Lab File: VL038792.D

Acq: 29 Mar 2022 7:37

Tgt Ion:146 Resp: 1448630

Ion Ratio Lower Upper

146 100

111 45.0 22.8 68.4

148 65.0 32.5 97.4

Instrument :

MSVOA_L

ClientSampleId :

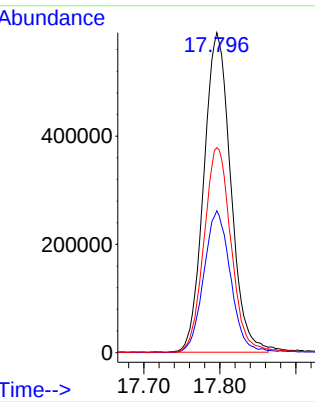
VSTDCCC010EC

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#78

Hexachloro-1,3-Butadiene

Concen: 6.960 ppbv m

RT: 23.355 min Scan# 6397

Delta R.T. -0.006 min

Lab File: VL038792.D

Acq: 29 Mar 2022 7:37

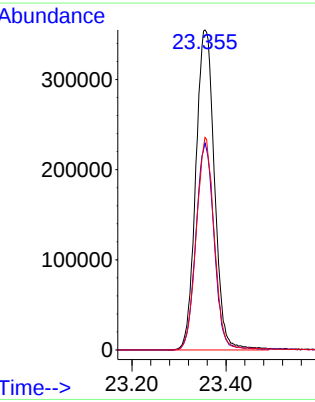
Tgt Ion:225 Resp: 978491

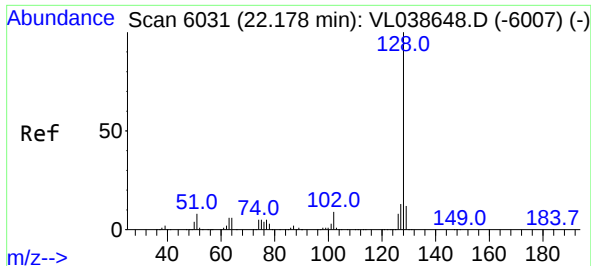
Ion Ratio Lower Upper

225 100

223 63.0 51.0 76.6

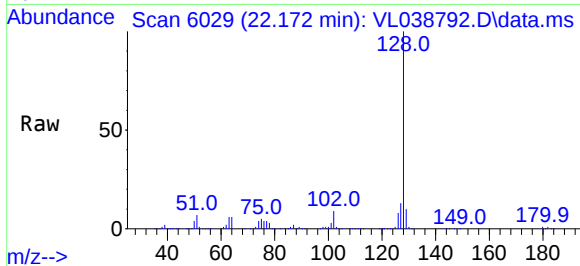
227 64.0 51.5 77.3





#79
Naphthalene
Concen: 9.192 ppbv
RT: 22.172 min Scan# 6031
Delta R.T. -0.006 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37

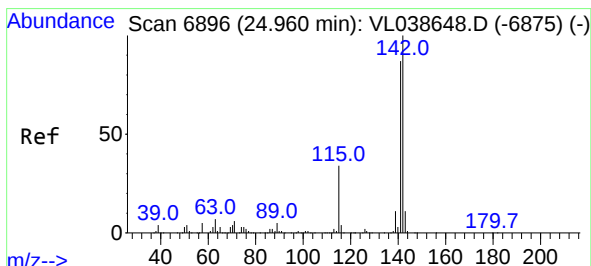
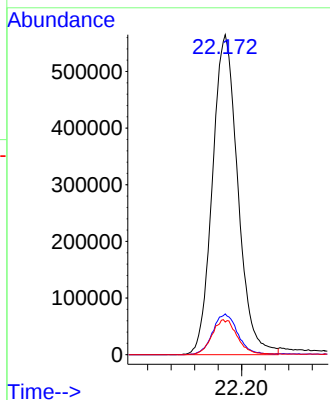
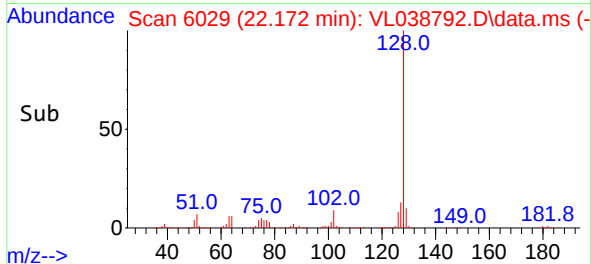
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



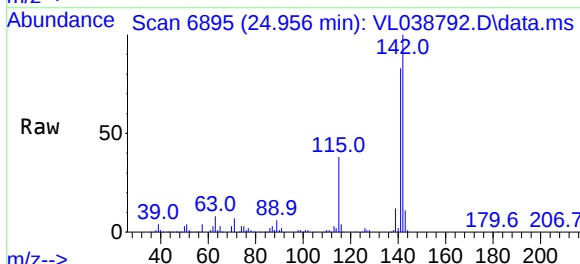
Tgt Ion:128 Resp: 169298
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.2 9.2 13.8

Manual Integrations
APPROVED

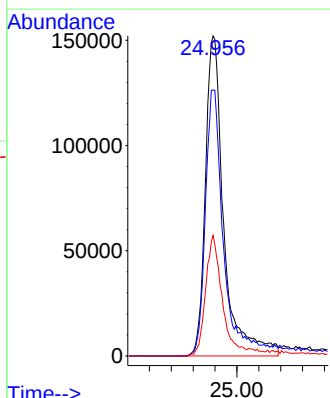
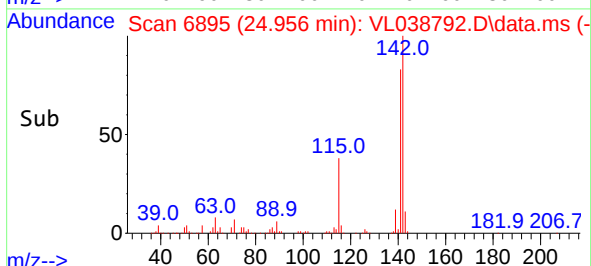
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

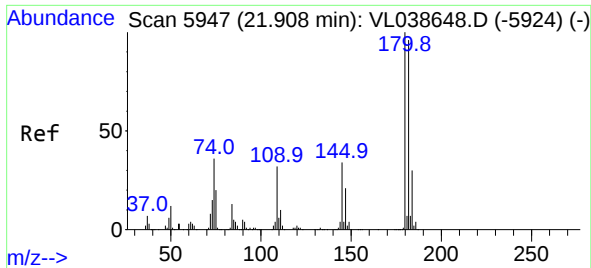


#80
Naphthalene,2-methyl-
Concen: 7.197 ppbv
RT: 24.956 min Scan# 6895
Delta R.T. -0.003 min
Lab File: VL038792.D
Acq: 29 Mar 2022 7:37



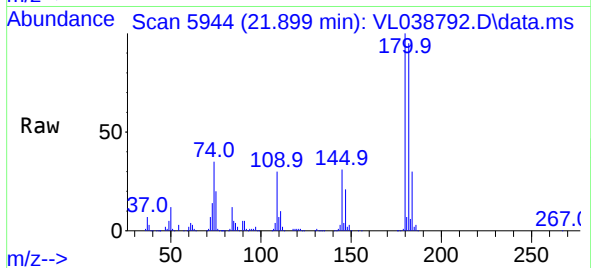
Tgt Ion:142 Resp: 355439
Ion Ratio Lower Upper
142 100
141 84.4 66.4 99.6
115 38.4 27.8 41.6





#81
 1,2,4-Trichlorobenzene
 Concen: 8.176 ppbv
 RT: 21.899 min Scan# 5944
 Delta R.T. -0.009 min
 Lab File: VL038792.D
 Acq: 29 Mar 2022 7:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1030814

Ion	Ratio	Lower	Upper
180	100		
182	99.0	79.2	118.8
184	30.8	24.8	37.2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022

