

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060322\
 Data File : VL039154.D
 Acq On : 3 Jun 2022 15:10
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/05/2022
 Supervised By : Mahesh Dadoda 06/06/2022

Quant Time: Jun 03 15:49:13 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 03 15:49:13 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.684	49	1322503	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.188	114	3419537	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.101	117	3111475m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.429 95 2628623 10.219 ppbv 0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.060	85	1660060	7.146	ppbv	98
3) Chlorodifluoromethane	3.002	51	1627745	9.673	ppbv	97
4) Chloromethane	3.153	50	863987	9.996	ppbv	98
5) Vinyl Chloride	3.269	62	828675	10.256	ppbv	95
6) Bromomethane	3.488	94	395531	9.951	ppbv	96
7) Chloroethane	3.568	64	287553	10.213	ppbv	96
8) Dichlorotetrafluoroethane	3.201	85	2018161	9.506	ppbv	97
9) Propene	3.021	41	742452	10.119	ppbv	99
10) Heptane	8.134	43	1809328	10.571	ppbv	99
11) Trichlorofluoromethane	3.963	101	1923737	9.149	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.500	101	1341651	9.649	ppbv	100
13) Ethanol	3.623	45	39669m	9.914	ppbv	
14) Bromoethene	3.754	108	629953	10.077	ppbv	98
15) Acetone	3.861	43	1347412	9.781	ppbv	99
16) 1,3-Butadiene	3.340	39	745563	10.068	ppbv	99
17) tert-Butyl alcohol	4.298	59	1225760	11.471	ppbv	98
18) 1,1-Dichloroethene	4.304	96	619408	9.930	ppbv	95
19) Isopropyl Alcohol	3.976	45	699194	10.821	ppbv	100
20) Methylene Chloride	4.359	84	497625	8.572	ppbv	95
21) Allyl Chloride	4.426	41	908029	9.771	ppbv	97
22) trans-1,2-Dichloroethene	4.899	96	619348	10.319	ppbv	98
23) Vinyl Acetate	5.086	43	1177400	10.330	ppbv	98
24) 1,1-Dichloroethane	5.028	63	1211401	7.757	ppbv	99
25) Ethyl Acetate	5.690	43	3149679	10.144	ppbv	99
26) Hexane	5.703	57	1384892	10.149	ppbv	98
27) Carbon Disulfide	4.565	76	1412084	9.985	ppbv	99
28) Methyl tert-Butyl Ether	5.047	73	1207686	8.017	ppbv	100
29) Chloroform	5.767	83	2279238	9.927	ppbv	98
30) Cyclohexane	7.147	84	1168096	10.190	ppbv	98
31) cis-1,2-Dichloroethene	5.565	61	1441200	10.359	ppbv	98
32) 1,1,1-Trichloroethane	6.526	97	2293046	10.206	ppbv	99
34) 2-Butanone	5.256	43	1935774	10.420	ppbv	99
35) Carbon Tetrachloride	7.034	117	2365404	9.477	ppbv	98
36) Benzene	6.905	78	2814181	10.137	ppbv	99
37) 1,2-Dichloroethane	6.320	62	1717415	9.400	ppbv	98
38) Trichloroethene	7.851	130	1357301	10.644	ppbv	97
39) 1,2-Dichloropropane	7.629	63	1107601	10.030	ppbv	97
40) 1,4-Dioxane	7.841	88	328669m	9.041	ppbv	
41) Tetrahydrofuran	6.063	42	1151036	10.302	ppbv	99
42) Bromodichloromethane	7.806	83	2525246	9.959	ppbv	99
43) Methyl Methacrylate	8.024	69	1169537	10.815	ppbv	98
44) 2,2,4-Trimethylpentane	7.883	57	4764343	9.810	ppbv	99
45) t-1,3-Dichloropropene	9.291	75	1313972	11.667	ppbv	97

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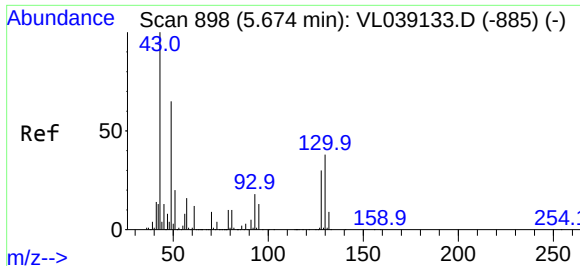
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 03 15:49:13 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

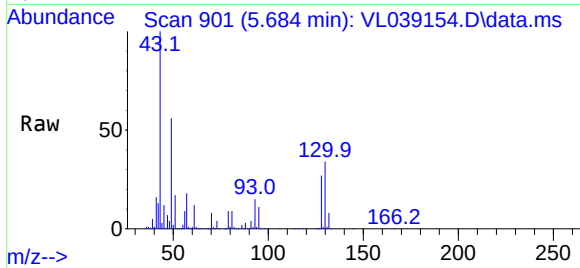
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.719	75	1648455	11.080	ppbv	99
47) 1,1,2-Trichloroethane	9.491	97	1173263	10.184	ppbv	98
48) Dibromochloromethane	10.320	129	2129596	10.353	ppbv	98
49) Bromoform	13.056	173	1722865	10.050	ppbv	99
50) 4-Methyl-2-Pentanone	8.751	43	2915868	10.486	ppbv	99
51) 2-Hexanone	10.143	43	2295556	10.609	ppbv #	100
52) Tetrachloroethene	11.240	164	1059716	9.777	ppbv	97
53) Toluene	9.822	91	3347809	10.473	ppbv	100
54) 1,2-Dibromoethane	10.626	107	1666903	10.768	ppbv	94
56) 1,1,1,2-Tetrachloroethane	12.140	131	1458469	9.906	ppbv	98
57) Chlorobenzene	12.163	112	2471594	10.557	ppbv	96
58) Ethyl Benzene	12.722	91	4518317	10.542	ppbv	97
59) m/p-Xylene	13.015	91	7635565m	20.231	ppbv	
60) o-Xylene	13.706	91	3686776	10.396	ppbv	100
61) Styrene	13.542	104	2147806	11.309	ppbv	97
62) Isopropylbenzene	14.680	105	5303321	10.061	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.690	83	1870769	9.398	ppbv	98
64) n-propylbenzene	15.574	120	1331047	10.272	ppbv	94
65) tert-Butylbenzene	16.757	119	4703161	9.757	ppbv	99
66) Benzyl Chloride	16.998	91	714268	11.397	ppbv	98
67) sec-Butylbenzene	17.304	105	6660634	10.128	ppbv	100
69) p-Isopropyltoluene	17.664	119	5590493	10.075	ppbv	99
70) n-Butylbenzene	18.561	91	5891067	10.344	ppbv	100
71) 2-Chlorotoluene	15.468	91	3995168	9.939	ppbv	99
72) 4-Ethyltoluene	15.850	105	4231513	10.180	ppbv	99
73) 1,3,5-Trimethylbenzene	16.008	105	3949826	10.536	ppbv	100
74) 1,2,4-Trimethylbenzene	16.776	105	4221765	10.091	ppbv	92
75) 1,3-Dichlorobenzene	17.008	146	2461623	10.395	ppbv	99
76) 1,4-Dichlorobenzene	17.149	146	2342723	9.916	ppbv	99
77) 1,2-Dichlorobenzene	17.828	146	2376504	9.957	ppbv	99
78) Hexachloro-1,3-Butadiene	23.384	225	2001576	9.171	ppbv	99
79) Naphthalene	22.207	128	4036319	12.533	ppbv	98
80) Naphthalene,2-methyl-	24.976	142	1765631	14.756	ppbv	95
81) 1,2,4-Trichlorobenzene	21.937	180	2259498	11.074	ppbv #	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.684 min Scan# 90
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

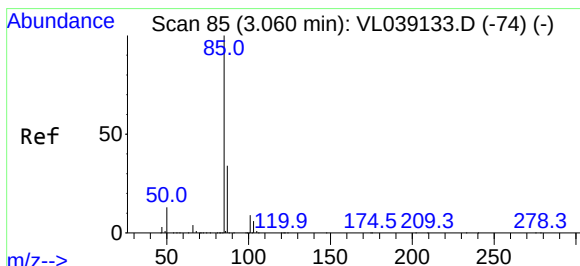
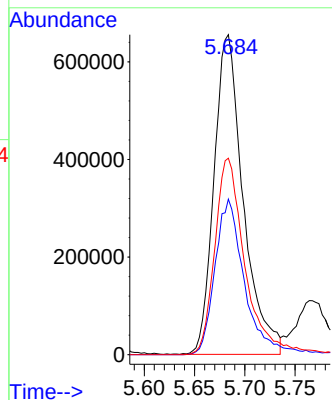
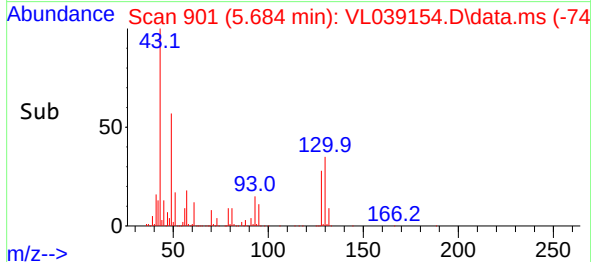
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



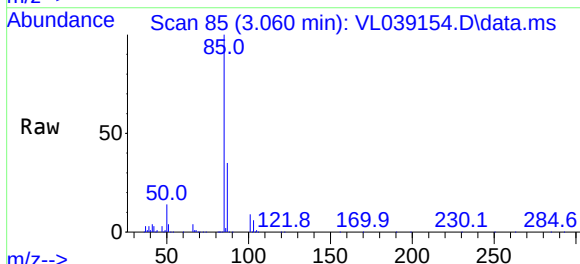
Tgt Ion: 49 Resp: 132250
Ion Ratio Lower Upper
49 100
128 50.4 24.7 74.1
130 65.0 31.4 94.0

Manual Integrations
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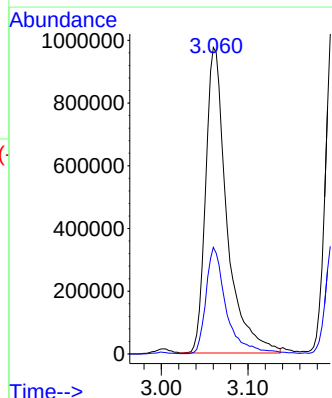
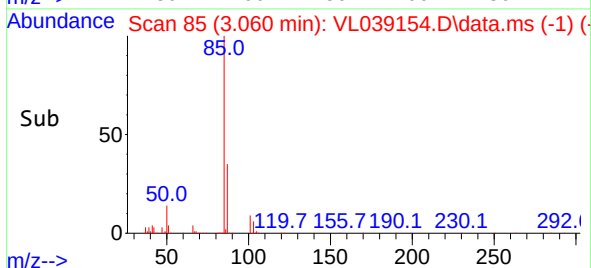
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

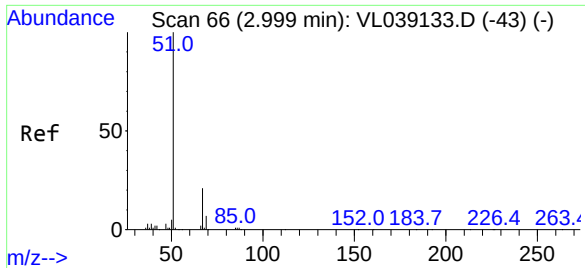


#2
Dichlorodifluoromethane
Concen: 7.146 ppbv
RT: 3.060 min Scan# 85
Delta R.T. -0.000 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10



Tgt Ion: 85 Resp: 1660060
Ion Ratio Lower Upper
85 100
87 34.7 26.9 40.3





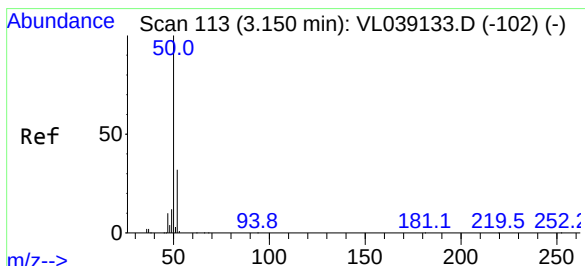
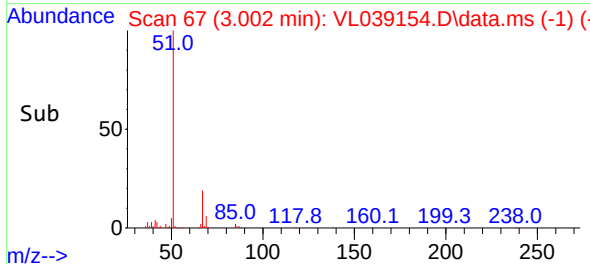
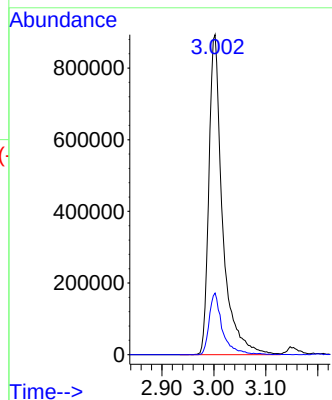
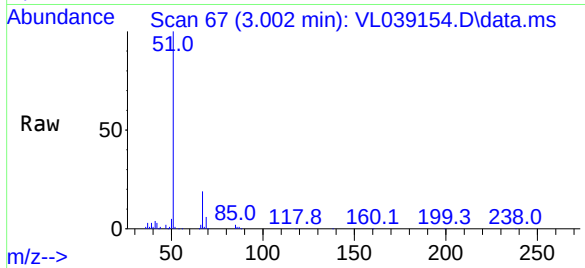
#3
Chlorodifluoromethane
Concen: 9.673 ppbv
RT: 3.002 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 162774
Ion Ratio Lower Upper
51 100
67 18.9 16.2 24.4

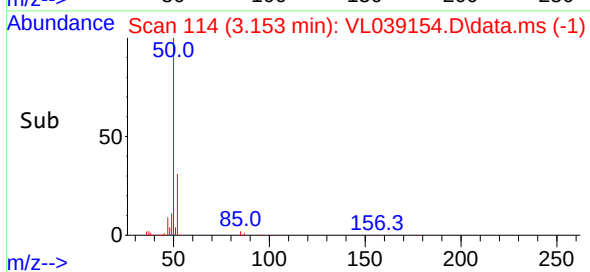
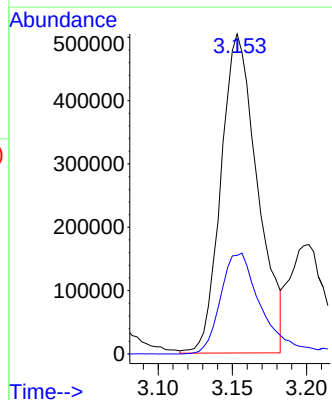
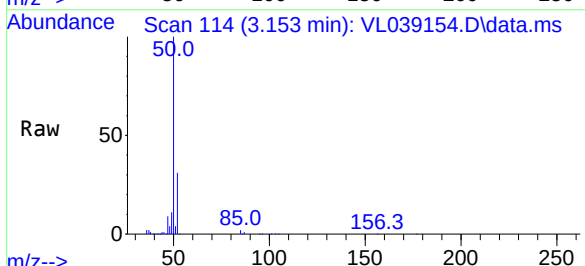
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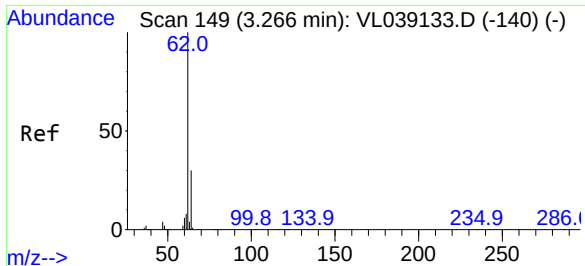
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#4
Chloromethane
Concen: 9.996 ppbv
RT: 3.153 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Tgt Ion: 50 Resp: 863987
Ion Ratio Lower Upper
50 100
52 31.1 25.9 38.9





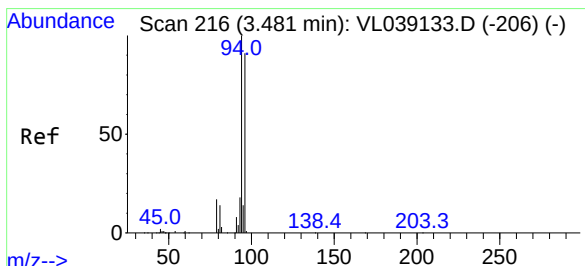
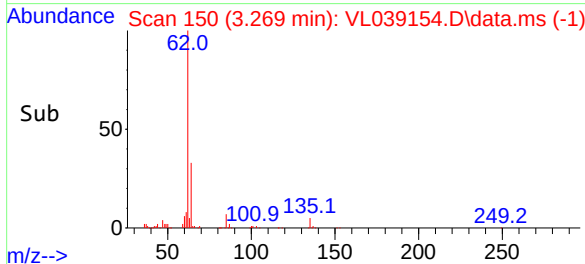
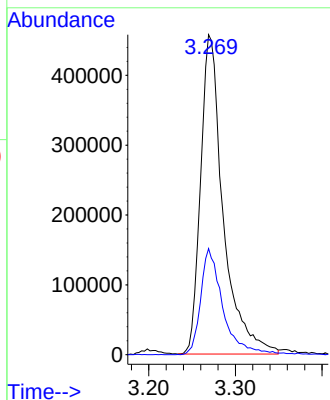
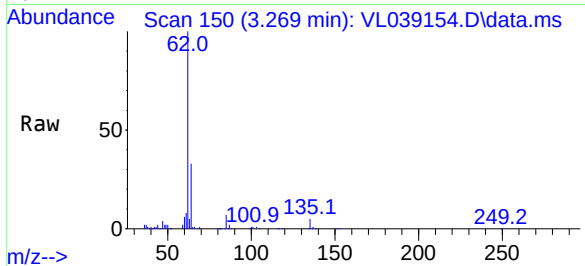
#5
 Vinyl Chloride
 Concen: 10.256 ppbv
 RT: 3.269 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VL039154.D
 Acq: 3 Jun 2022 15:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 82867
 Ion Ratio Lower Upper
 62 100
 64 33.2 24.2 36.2

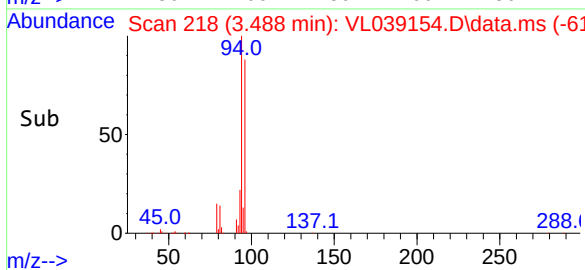
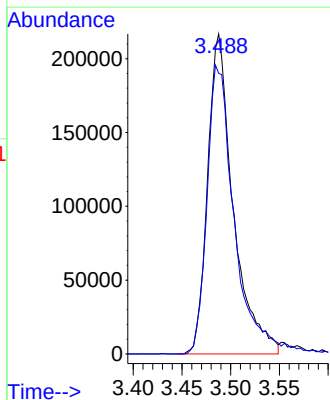
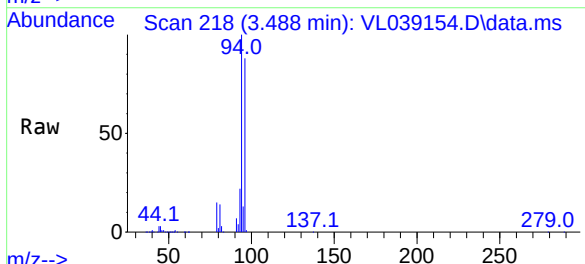
Manual Integrations
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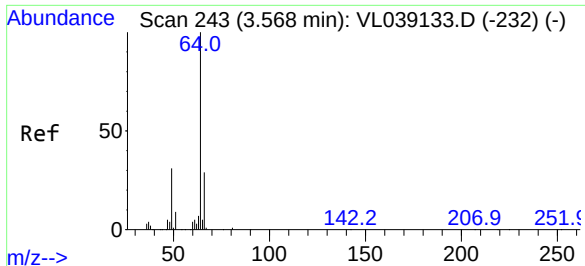
Reviewed By :Semsettin Yesilyurt 06/05/2022
 Supervised By :Mahesh Dadoda 06/06/2022



#6
 Bromomethane
 Concen: 9.951 ppbv
 RT: 3.488 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VL039154.D
 Acq: 3 Jun 2022 15:10

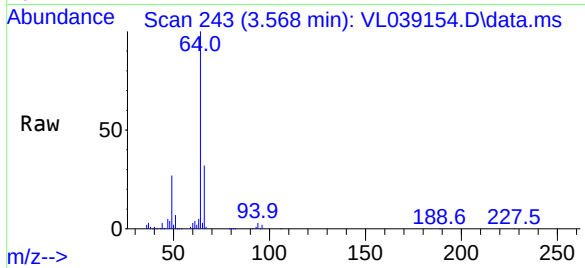
Tgt Ion: 94 Resp: 395531
 Ion Ratio Lower Upper
 94 100
 96 87.7 73.0 109.4





#7
Chloroethane
Concen: 10.213 ppbv
RT: 3.568 min Scan# 243
Delta R.T. -0.000 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

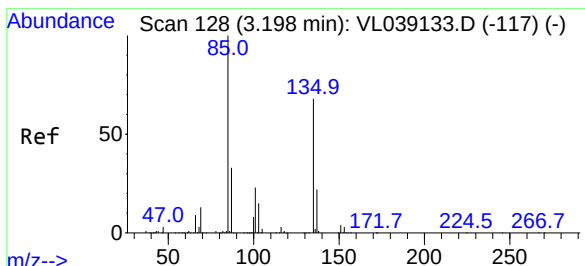
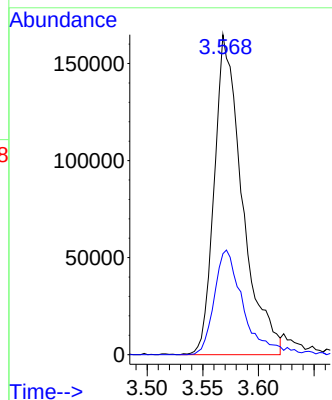
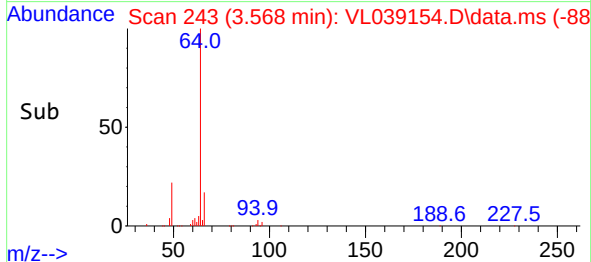
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



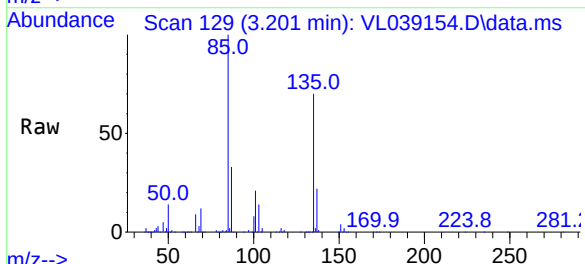
Tgt Ion: 64 Resp: 28755
Ion Ratio Lower Upper
64 100
66 31.6 23.6 35.4

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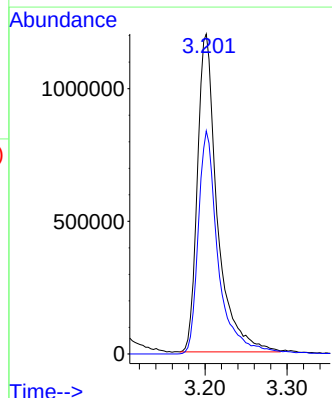
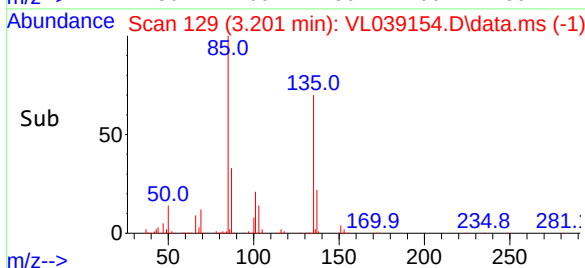
Reviewed By :Semsettin Yesilyurt 06/05/2022
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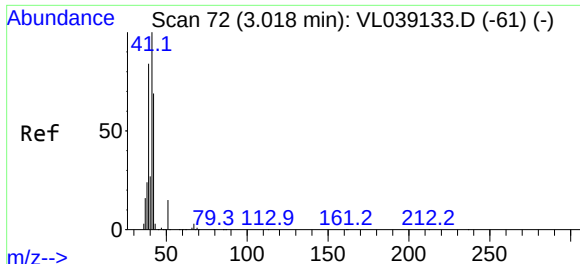


#8
Dichlorotetrafluoroethane
Concen: 9.506 ppbv
RT: 3.201 min Scan# 129
Delta R.T. 0.003 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10



Tgt Ion: 85 Resp: 2018161
Ion Ratio Lower Upper
85 100
135 71.4 55.0 82.4





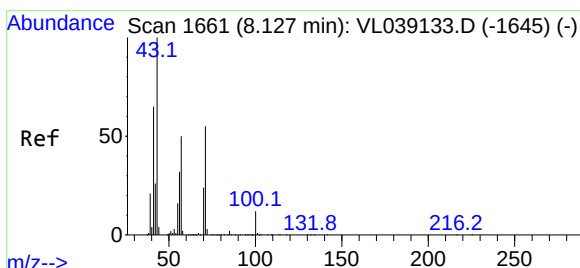
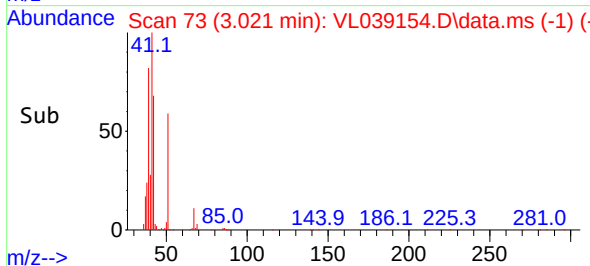
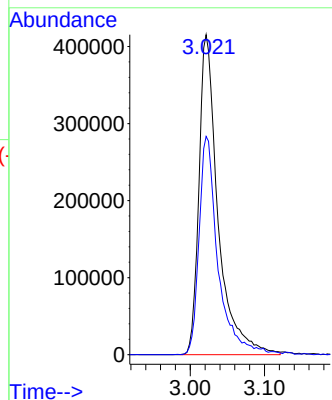
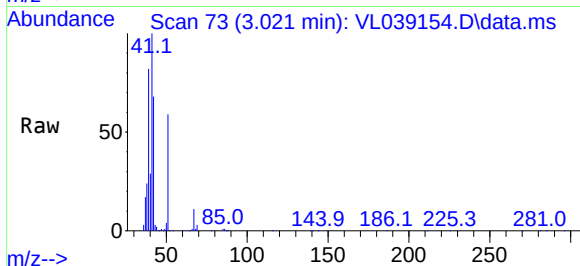
#9
Propene
Concen: 10.119 ppbv
RT: 3.021 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 742452
Ion Ratio Lower Upper
41 100
42 68.4 55.4 83.2

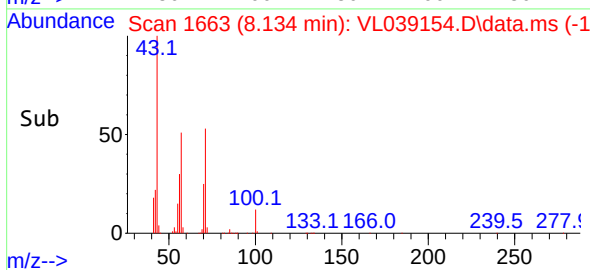
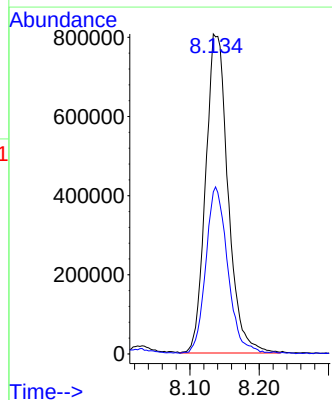
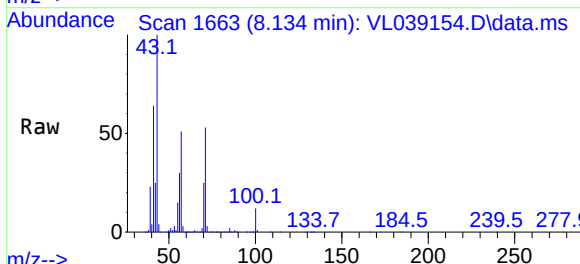
Manual Integrations
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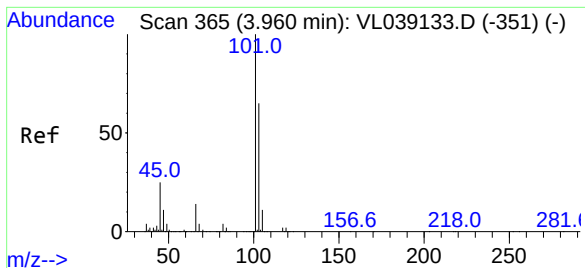
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#10
Heptane
Concen: 10.571 ppbv
RT: 8.134 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

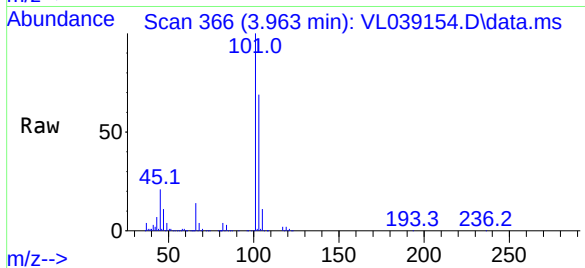
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Ion Ratio Lower Upper
43 100
57 50.9 41.4 62.2





#11
Trichlorofluoromethane
Concen: 9.149 ppbv
RT: 3.963 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

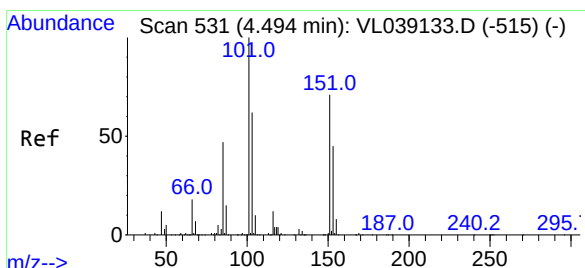
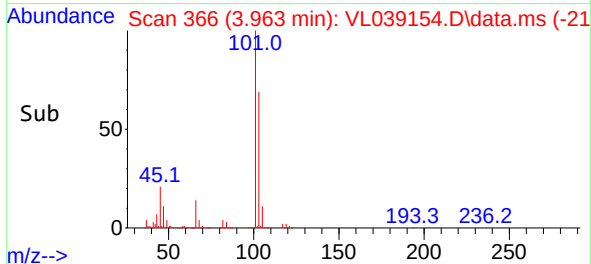
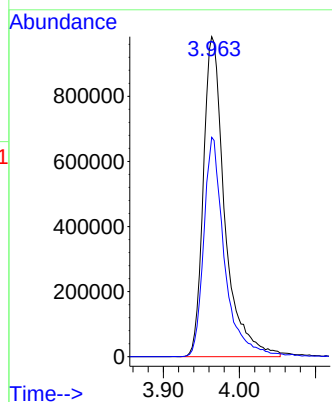
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:101 Resp: 192373
Ion Ratio Lower Upper
101 100
103 68.5 51.7 77.5

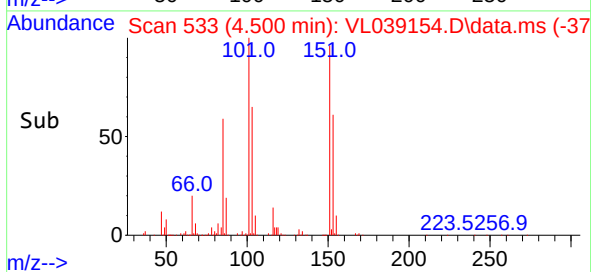
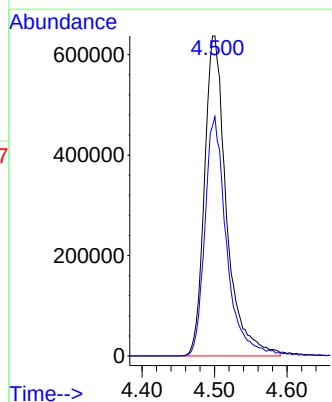
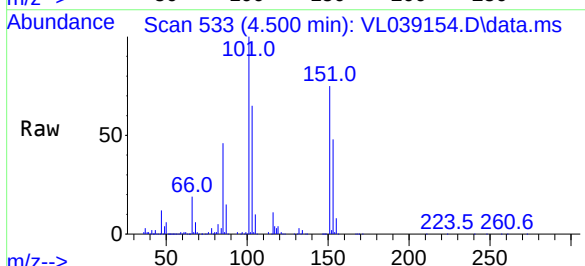
Manual Integrations
APPROVED

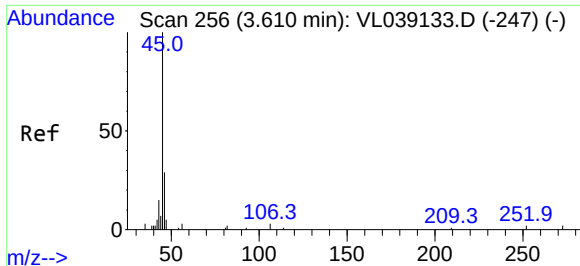
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.649 ppbv
RT: 4.500 min Scan# 533
Delta R.T. 0.006 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

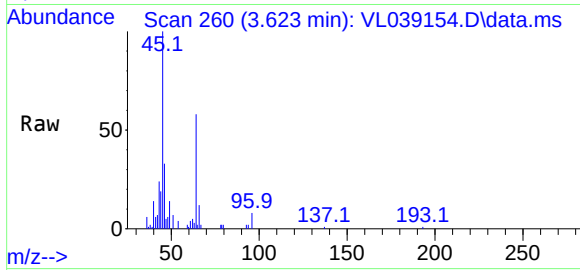
Tgt Ion:101 Resp: 1341651
Ion Ratio Lower Upper
101 100
151 74.4 59.4 89.0





#13
Ethanol
Concen: 9.914 ppbv m
RT: 3.623 min Scan# 2
Delta R.T. 0.013 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

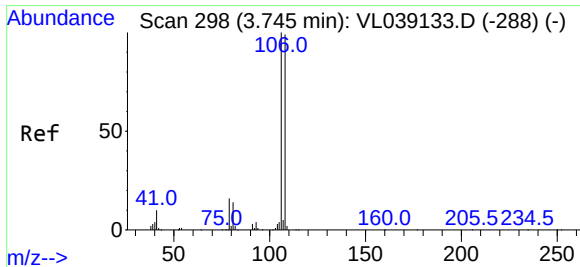
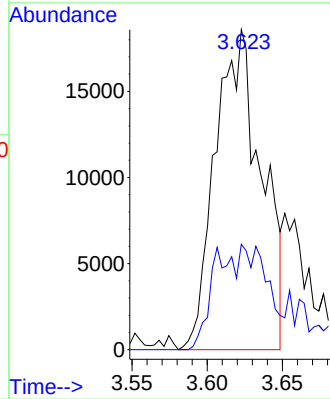
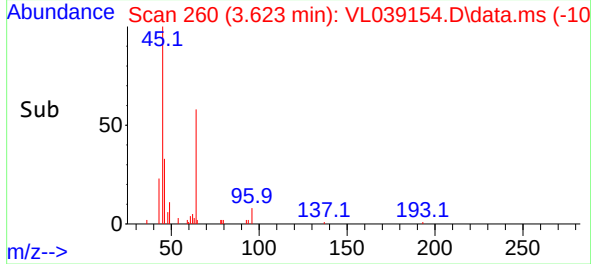
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



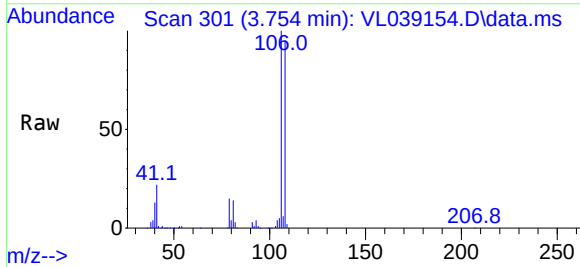
Tgt Ion: 45 Resp: 3966
Ion Ratio Lower Upper
45 100
46 46.9 0.0 0.0

Manual Integrations
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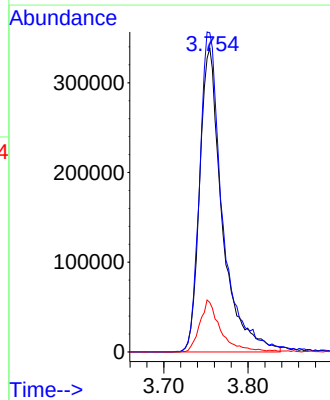
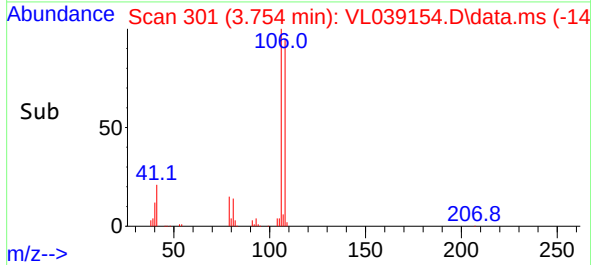
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

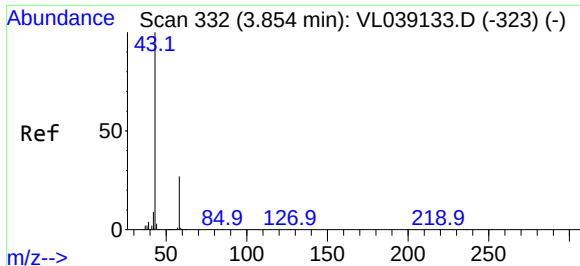


#14
Bromoethene
Concen: 10.077 ppbv
RT: 3.754 min Scan# 301
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10



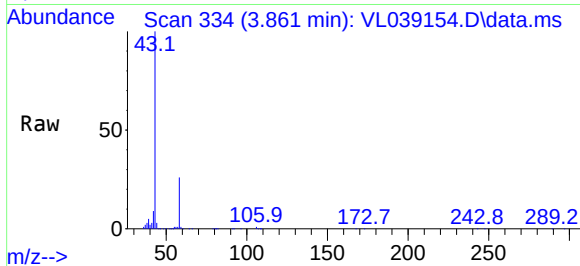
Tgt Ion:108 Resp: 629953
Ion Ratio Lower Upper
108 100
106 108.2 88.4 132.6
79 16.3 13.4 20.2





#15
Acetone
Concen: 9.781 ppbv
RT: 3.861 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

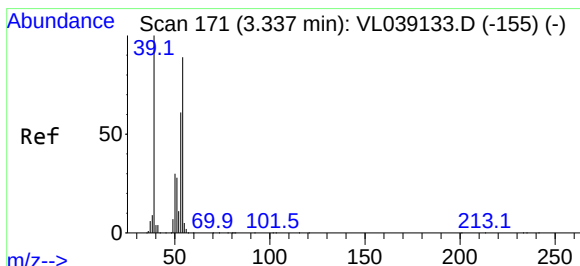
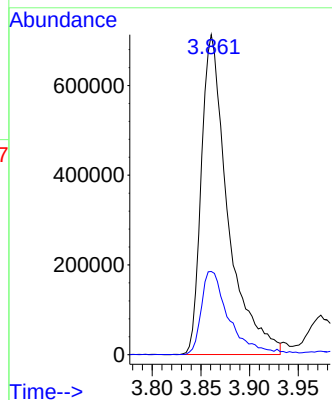
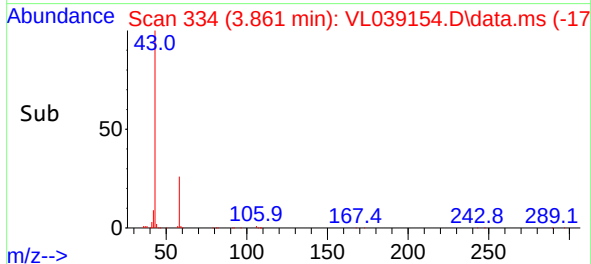
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 134741
Ion Ratio Lower Upper
43 100
58 27.6 22.5 33.7

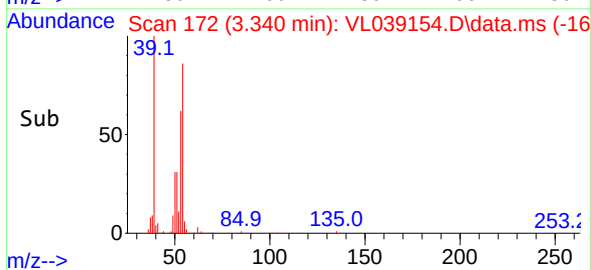
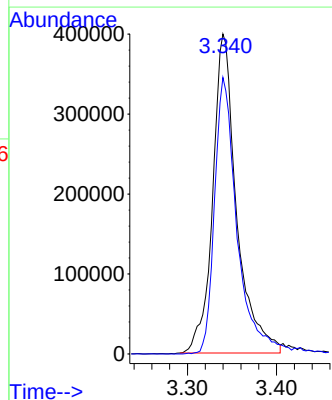
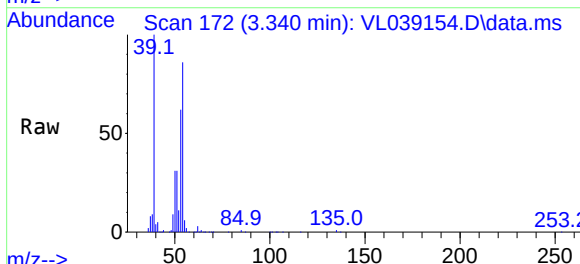
Manual Integrations
APPROVED

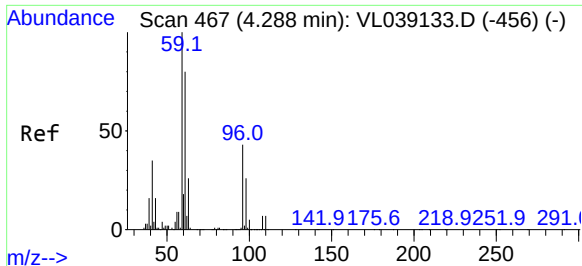
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#16
1,3-Butadiene
Concen: 10.068 ppbv
RT: 3.340 min Scan# 172
Delta R.T. 0.003 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Tgt Ion: 39 Resp: 745563
Ion Ratio Lower Upper
39 100
54 83.4 65.8 98.6





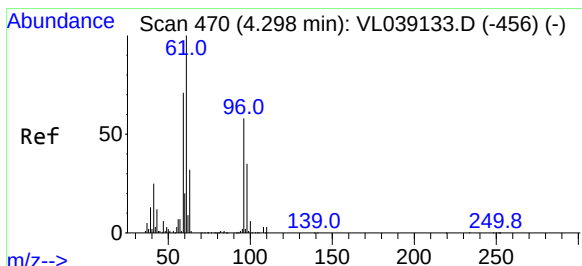
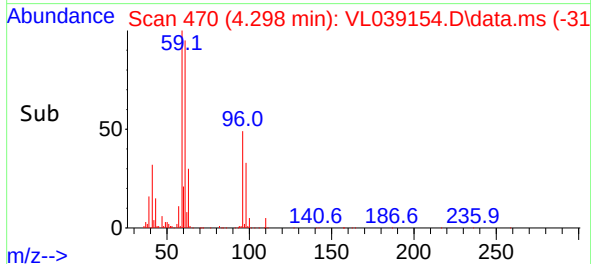
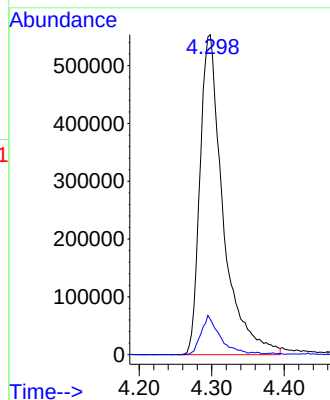
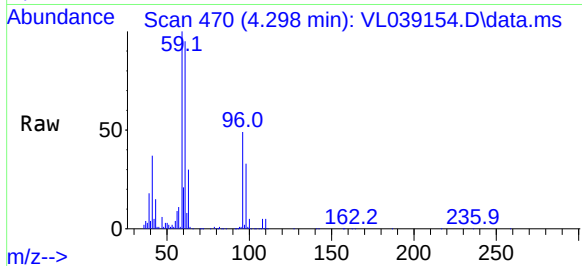
#17
tert-Butyl alcohol
Concen: 11.471 ppbv
RT: 4.298 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1225760
Ion Ratio Lower Upper
59 100
57 10.8 9.1 13.7

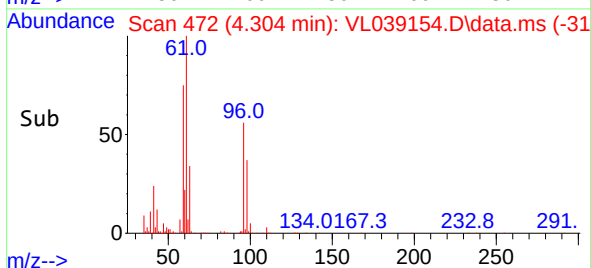
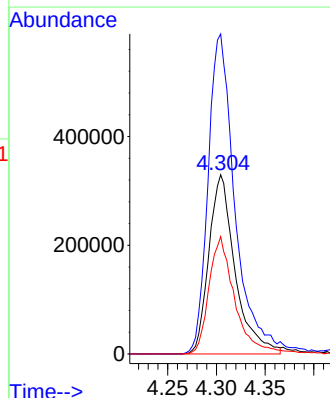
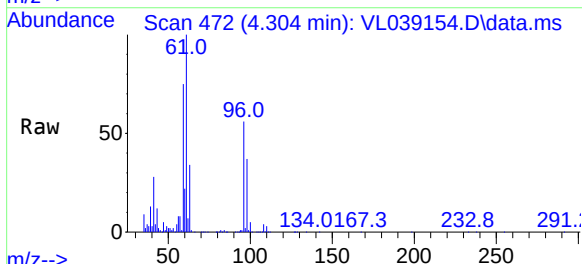
Manual Integrations
APPROVED

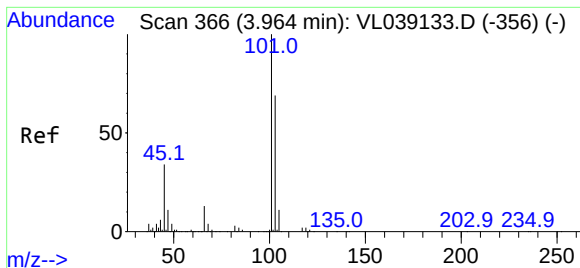
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#18
1,1-Dichloroethene
Concen: 9.930 ppbv
RT: 4.304 min Scan# 472
Delta R.T. 0.006 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

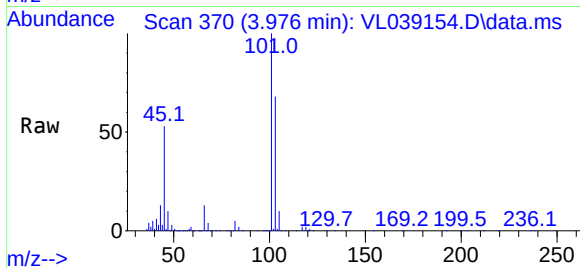
Tgt Ion: 96 Resp: 619408
Ion Ratio Lower Upper
96 100
61 178.4 138.4 207.6
98 65.4 47.8 71.8





#19
Isopropyl Alcohol
Concen: 10.821 ppbv
RT: 3.976 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

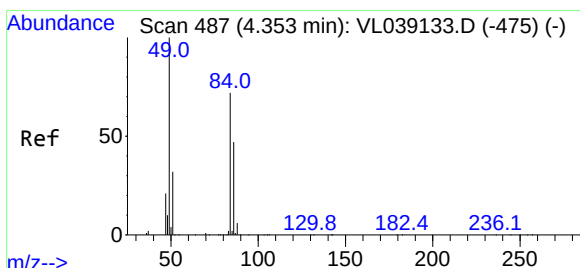
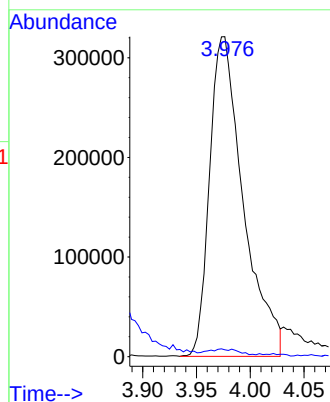
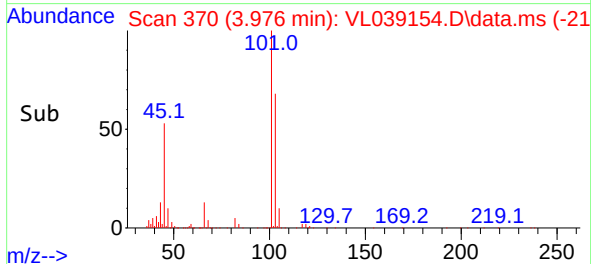
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



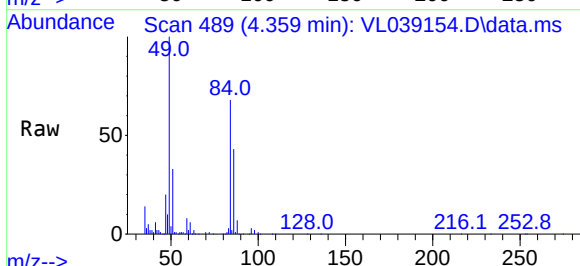
Tgt Ion: 45 Resp: 699194
Ion Ratio Lower Upper
45 100
58 2.5 1.8 2.8

Manual Integrations
APPROVED

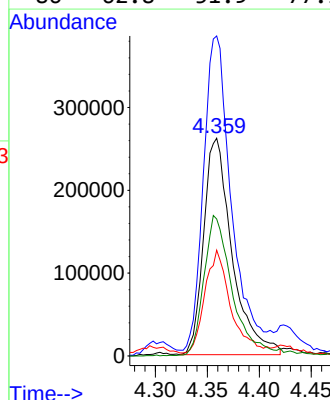
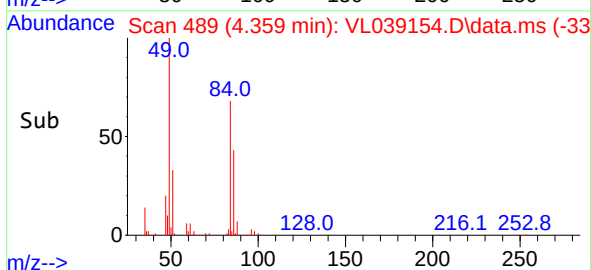
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

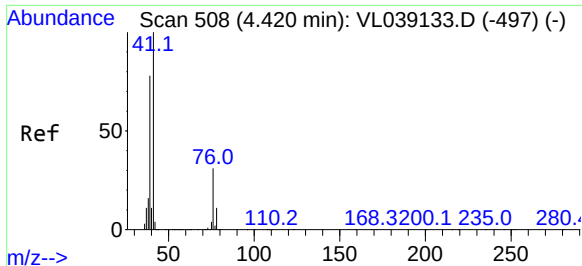


#20
Methylene Chloride
Concen: 8.572 ppbv
RT: 4.359 min Scan# 489
Delta R.T. 0.006 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10



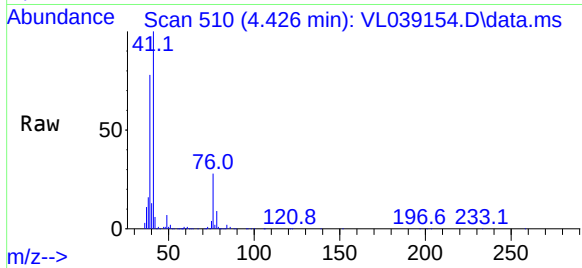
Tgt Ion: 84 Resp: 497625
Ion Ratio Lower Upper
84 100
49 145.2 111.1 166.7
51 47.5 35.3 52.9
86 62.8 51.9 77.9





#21
 Allyl Chloride
 Concen: 9.771 ppbv
 RT: 4.426 min Scan# 510
 Delta R.T. 0.006 min
 Lab File: VL039154.D
 Acq: 3 Jun 2022 15:10

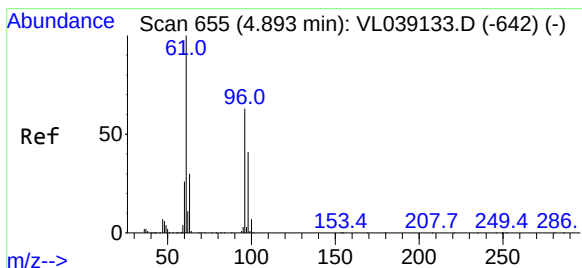
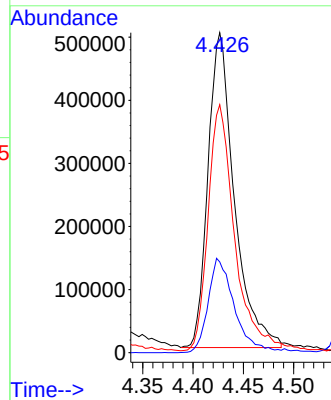
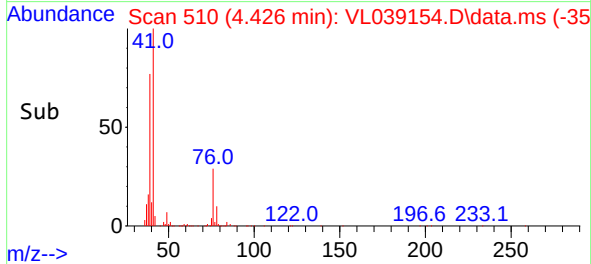
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 908029
 Ion Ratio Lower Upper
 41 100
 76 30.5 24.2 36.2
 39 80.6 62.2 93.2

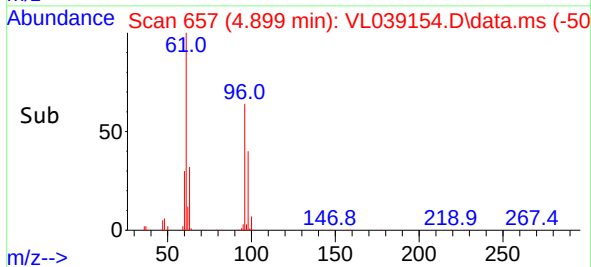
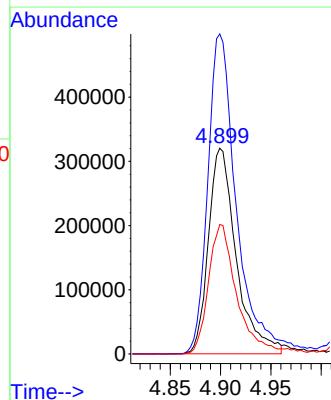
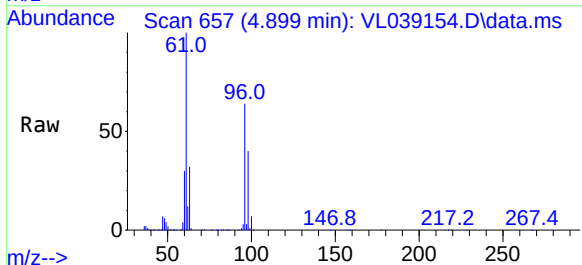
Manual Integrations
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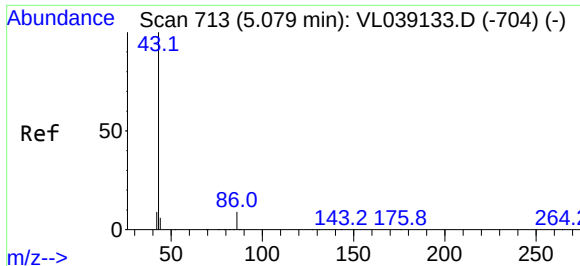
Reviewed By :Semsettin Yesilyurt 06/05/2022
 Supervised By :Mahesh Dadoda 06/06/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.319 ppbv
 RT: 4.899 min Scan# 657
 Delta R.T. 0.006 min
 Lab File: VL039154.D
 Acq: 3 Jun 2022 15:10

Tgt Ion: 96 Resp: 619348
 Ion Ratio Lower Upper
 96 100
 61 155.5 126.6 190.0
 98 63.0 52.5 78.7





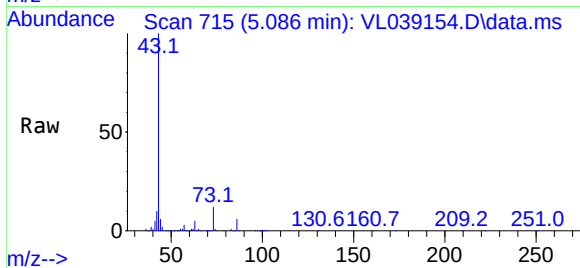
#23
 Vinyl Acetate
 Concen: 10.330 ppbv
 RT: 5.086 min Scan# 713
 Delta R.T. 0.006 min
 Lab File: VL039154.D
 Acq: 3 Jun 2022 15:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



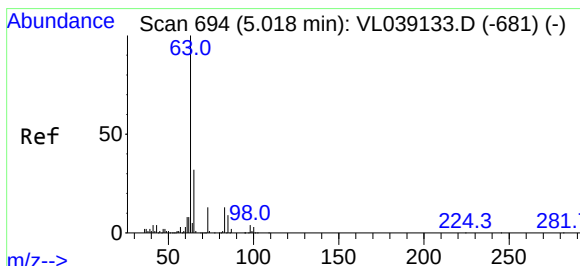
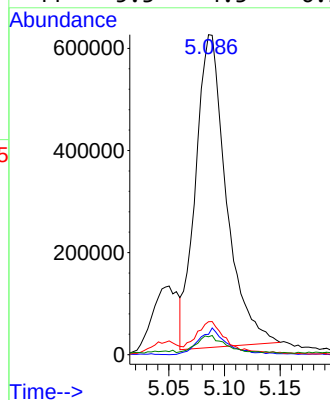
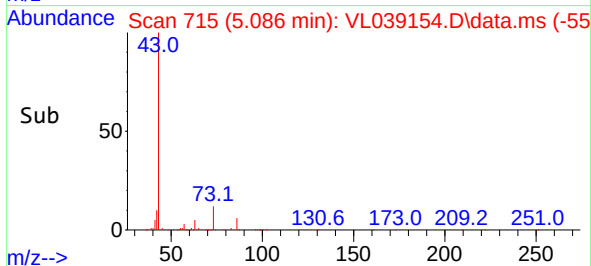
Tgt Ion: 43 Resp: 1177400

Ion	Ratio	Lower	Upper
43	100		
86	6.3	6.0	9.0
42	10.0	8.2	12.4
44	5.3	4.3	6.5

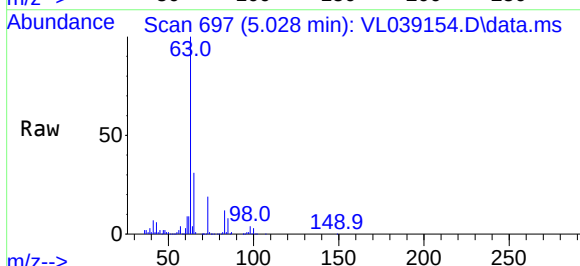
Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/05/2022
 Supervised By :Mahesh Dadoda 06/06/2022

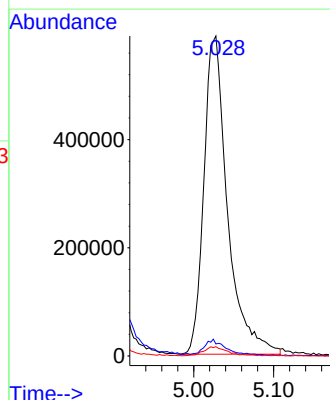
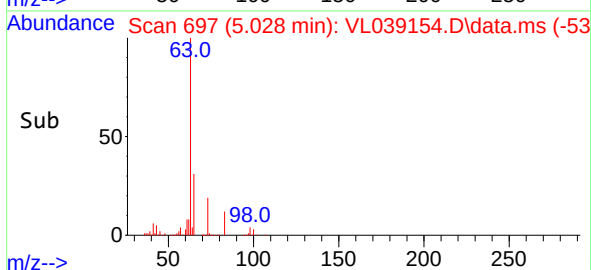


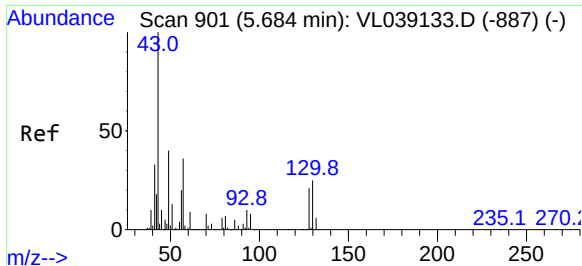
#24
 1,1-Dichloroethane
 Concen: 7.757 ppbv
 RT: 5.028 min Scan# 697
 Delta R.T. 0.010 min
 Lab File: VL039154.D
 Acq: 3 Jun 2022 15:10



Tgt Ion: 63 Resp: 1211401

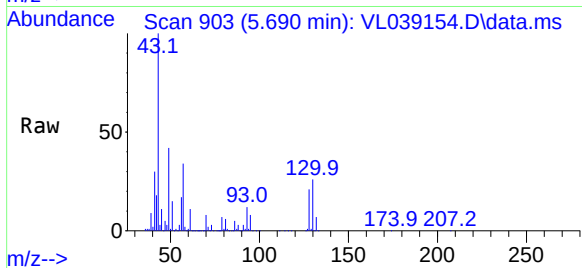
Ion	Ratio	Lower	Upper
63	100		
98	3.4	2.1	6.2
100	2.8	1.5	4.5





#25
Ethyl Acetate
Concen: 10.144 ppbv
RT: 5.690 min Scan# 901
Delta R.T. 0.006 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

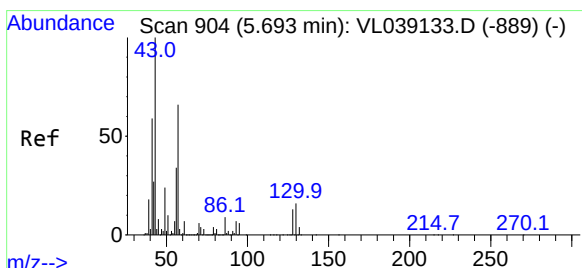
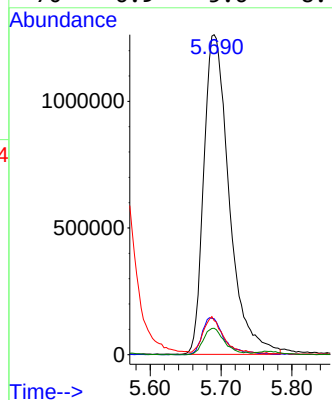
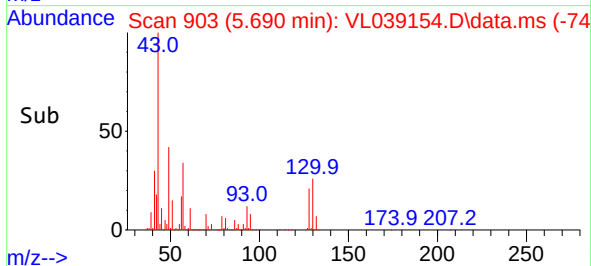


Tgt Ion: 43 Resp: 3149679

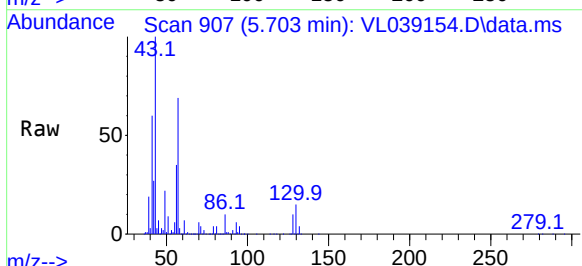
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.2
61	10.0	8.4	12.6
70	6.9	5.6	8.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

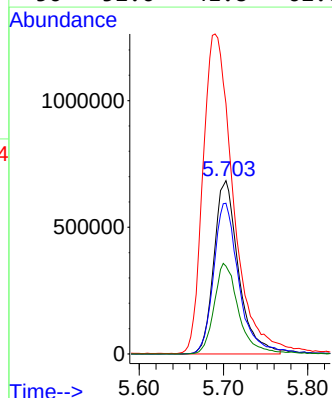
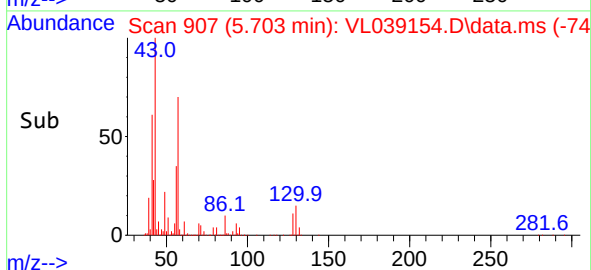


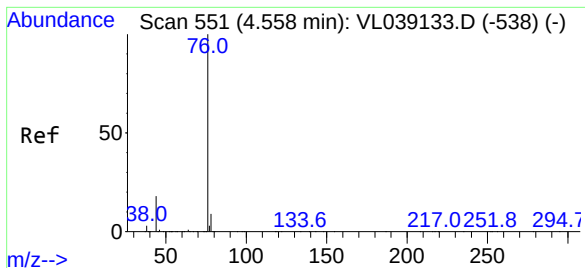
#26
Hexane
Concen: 10.149 ppbv
RT: 5.703 min Scan# 907
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10



Tgt Ion: 57 Resp: 1384892

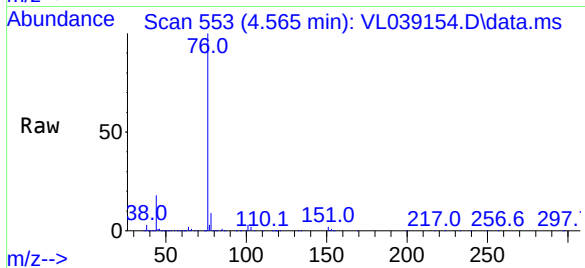
Ion	Ratio	Lower	Upper
57	100		
41	90.9	72.4	108.6
43	230.0	187.0	280.6
56	52.6	41.8	62.6





#27
Carbon Disulfide
Concen: 9.985 ppbv
RT: 4.565 min Scan# 511
Delta R.T. 0.006 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

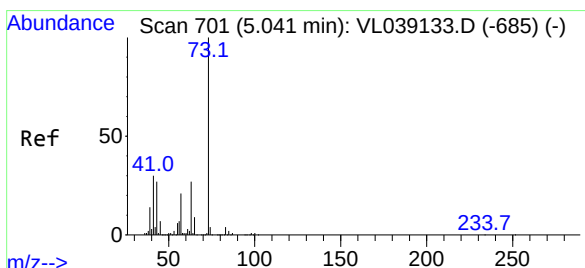
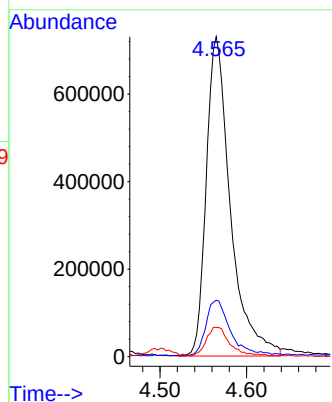
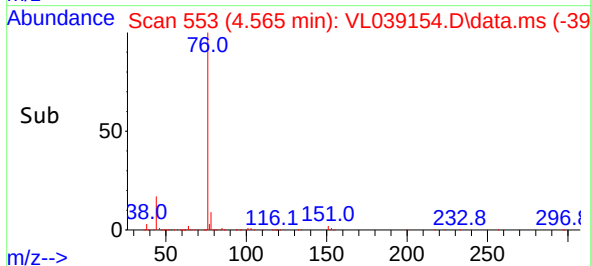
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1412084
Ion Ratio Lower Upper
76 100
44 18.8 14.4 21.6
78 9.5 7.7 11.5

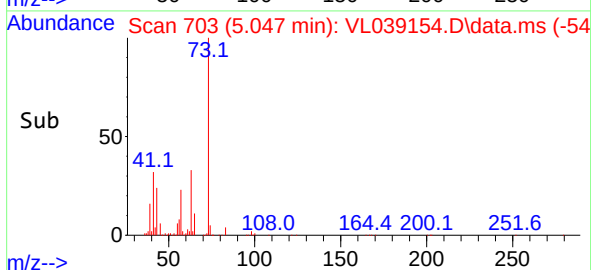
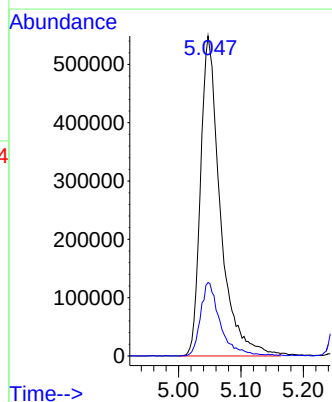
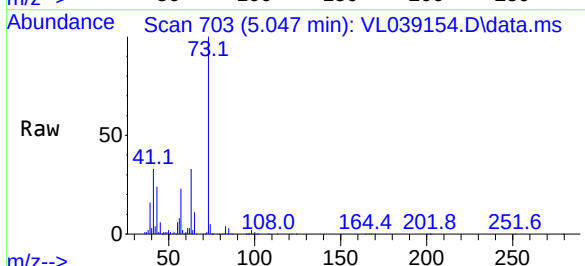
Manual Integrations
APPROVED

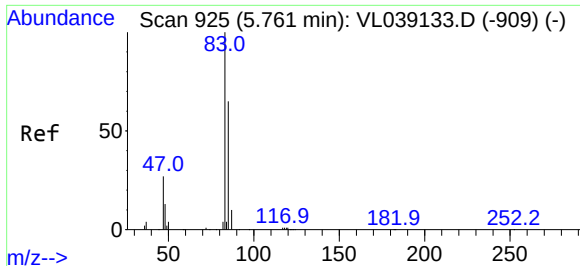
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#28
Methyl tert-Butyl Ether
Concen: 8.017 ppbv
RT: 5.047 min Scan# 703
Delta R.T. 0.006 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

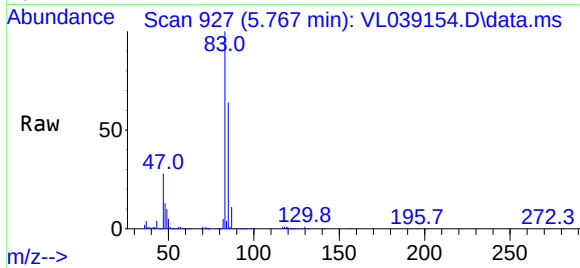
Tgt Ion: 73 Resp: 1207686
Ion Ratio Lower Upper
73 100
57 23.3 18.6 27.8





#29
Chloroform
Concen: 9.927 ppbv
RT: 5.767 min Scan# 91
Delta R.T. 0.006 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

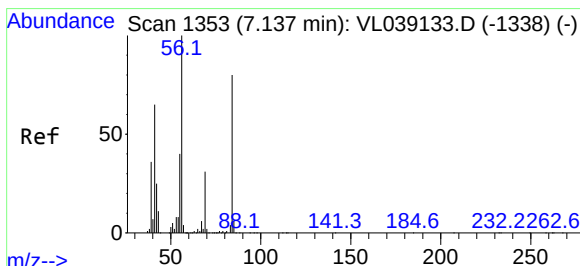
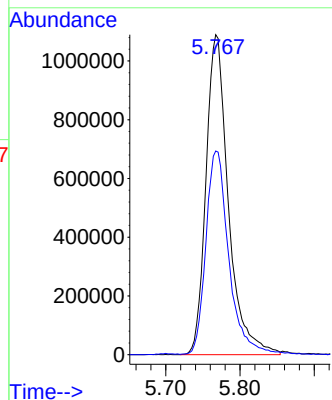
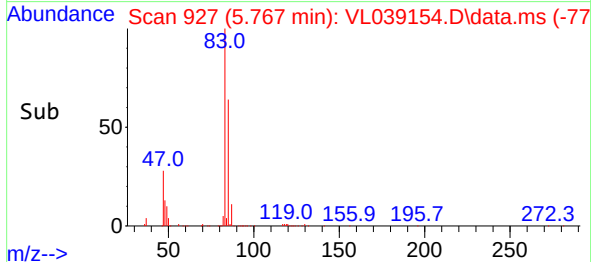
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



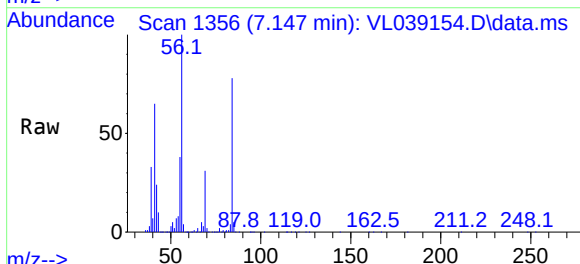
Tgt Ion: 83 Resp: 2279238
Ion Ratio Lower Upper
83 100
85 63.6 52.4 78.6

Manual Integrations
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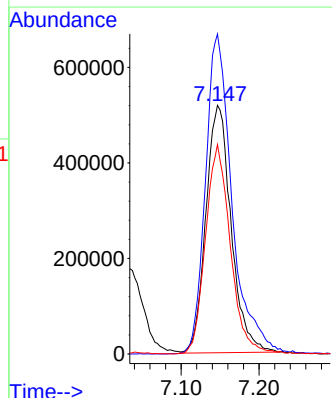
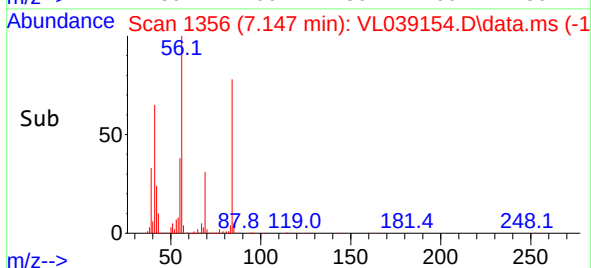
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

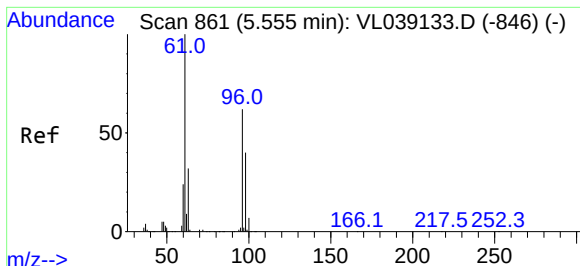


#30
Cyclohexane
Concen: 10.190 ppbv
RT: 7.147 min Scan# 1356
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10



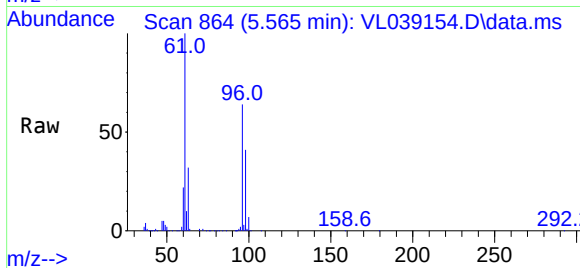
Tgt Ion: 84 Resp: 1168096
Ion Ratio Lower Upper
84 100
56 136.9 110.6 165.8
41 83.3 68.9 103.3





#31
cis-1,2-Dichloroethene
Concen: 10.359 ppbv
RT: 5.565 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

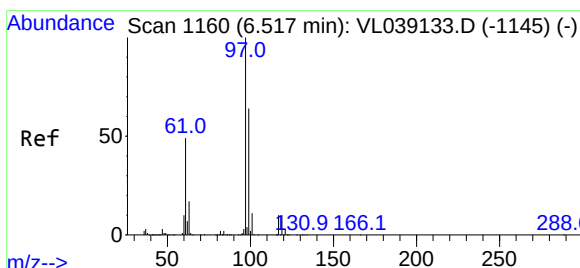
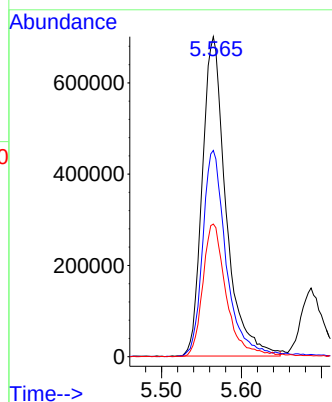
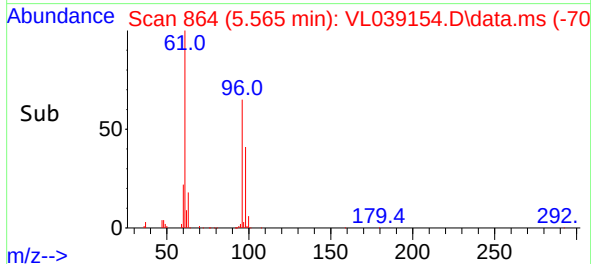
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



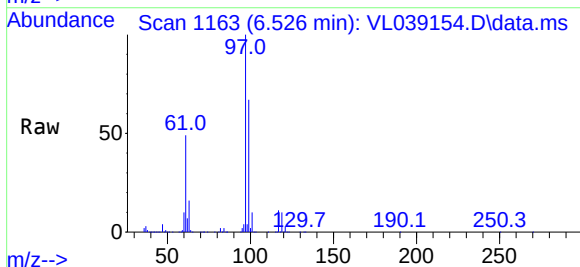
Tgt Ion: 61 Resp: 1441200
Ion Ratio Lower Upper
61 100
96 64.3 49.9 74.9
98 41.4 32.0 48.0

Manual Integrations
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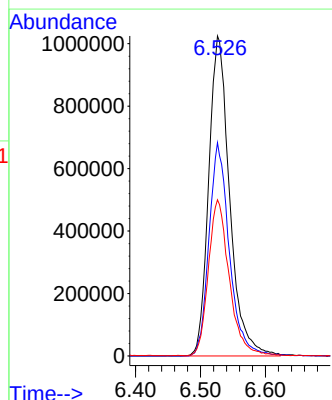
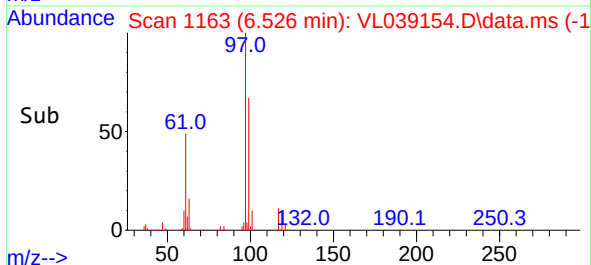
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

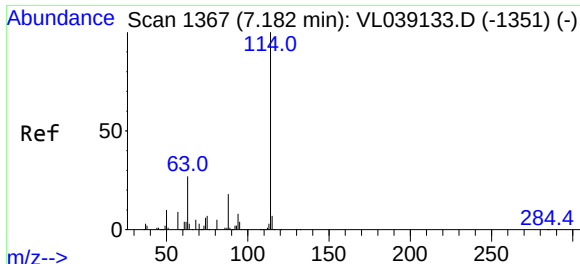


#32
1,1,1-Trichloroethane
Concen: 10.206 ppbv
RT: 6.526 min Scan# 1163
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10



Tgt Ion: 97 Resp: 2293046
Ion Ratio Lower Upper
97 100
99 65.0 52.1 78.1
61 49.1 40.0 60.0





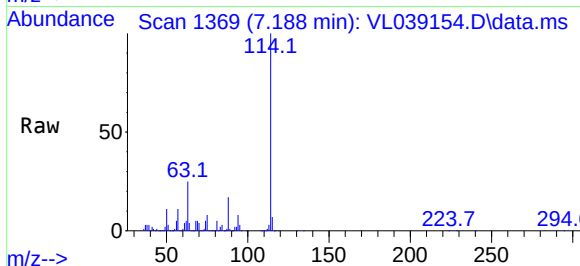
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.188 min Scan# 114
Delta R.T. 0.006 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

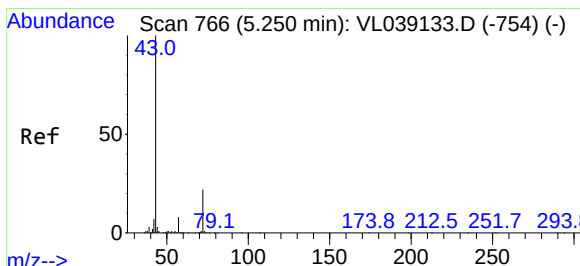
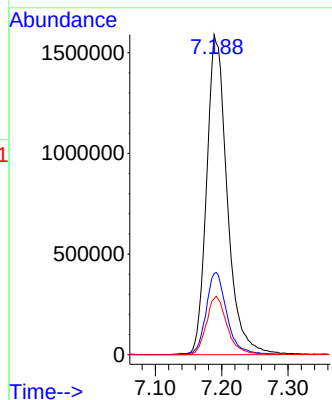
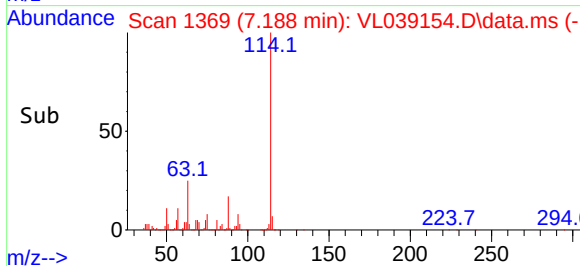


Tgt Ion:114 Resp: 341953
Ion Ratio Lower Upper
114 100
63 26.3 21.7 32.5
88 18.5 14.8 22.2

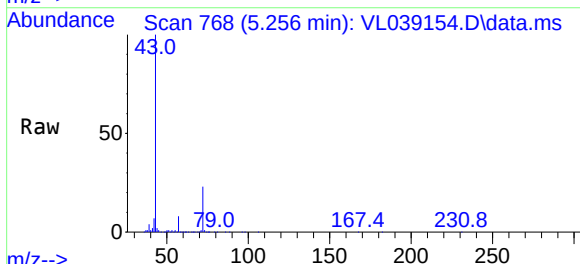
Manual Integrations

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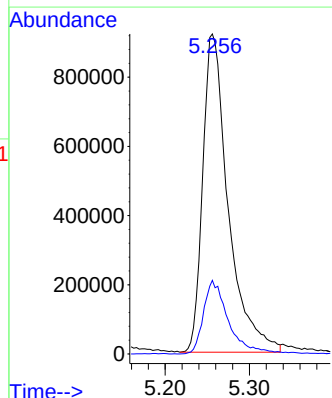
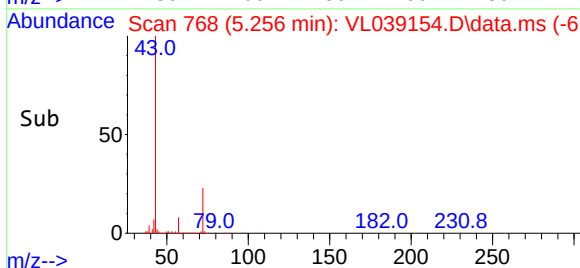
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

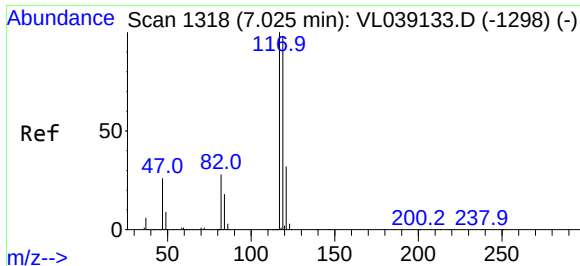


#34
2-Butanone
Concen: 10.420 ppbv
RT: 5.256 min Scan# 768
Delta R.T. 0.006 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10



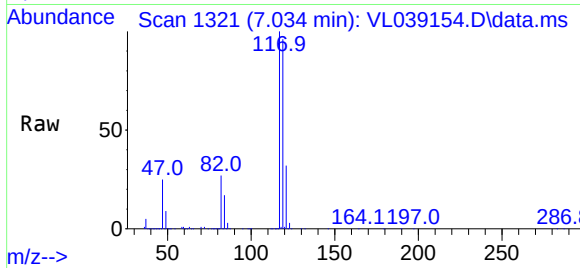
Tgt Ion: 43 Resp: 1935774
Ion Ratio Lower Upper
43 100
72 23.0 18.2 27.2





#35
Carbon Tetrachloride
Concen: 9.477 ppbv
RT: 7.034 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

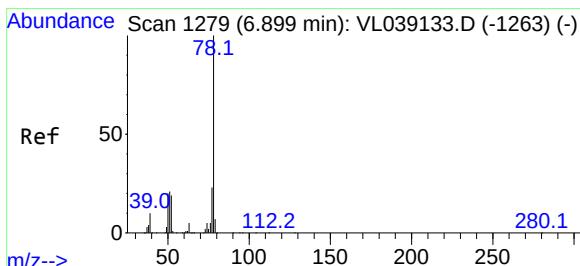
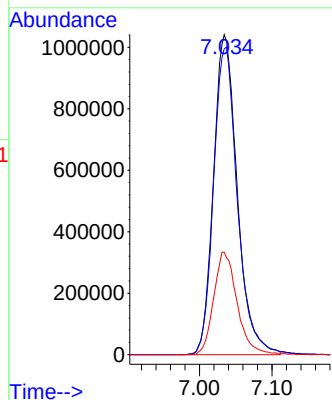
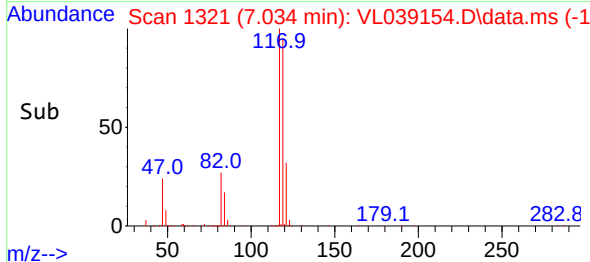
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



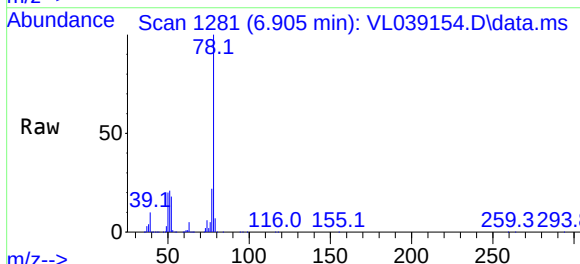
Tgt Ion: 117 Resp: 2365404
Ion Ratio Lower Upper
117 100
119 95.5 78.6 118.0
121 32.0 25.4 38.0

Manual Integrations
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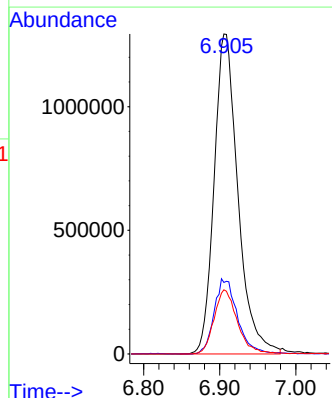
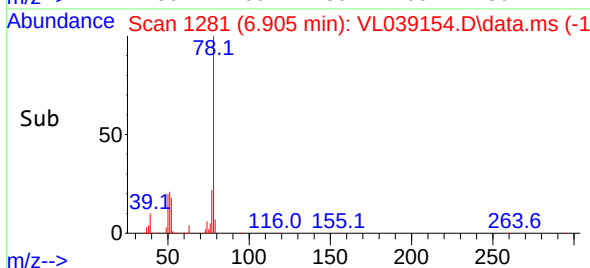
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

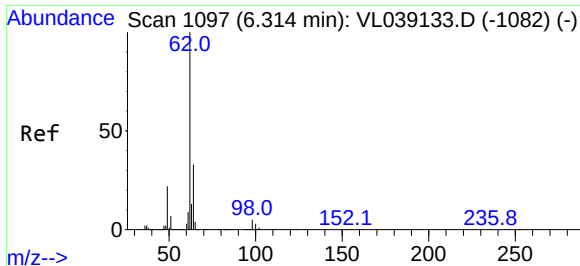


#36
Benzene
Concen: 10.137 ppbv
RT: 6.905 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10



Tgt Ion: 78 Resp: 2814181
Ion Ratio Lower Upper
78 100
77 22.4 18.6 27.8
50 20.0 15.8 23.8





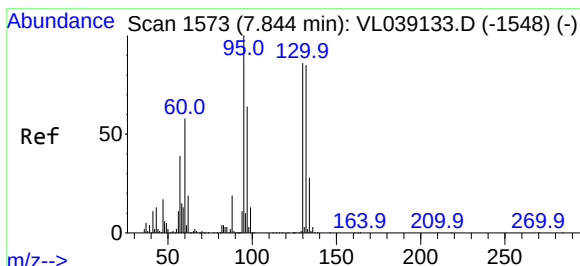
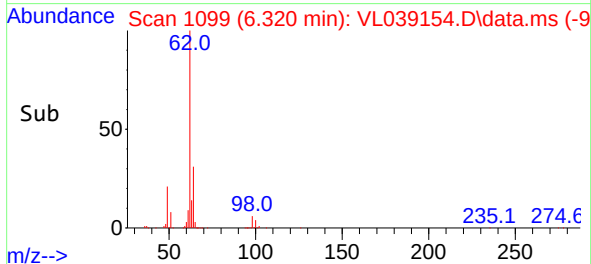
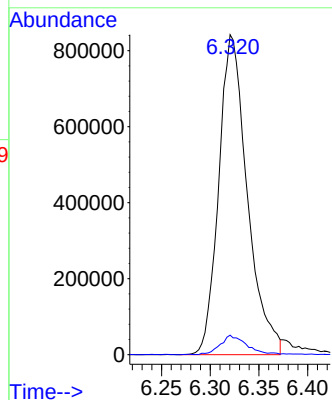
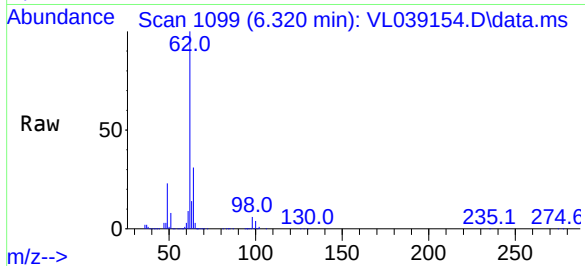
#37
1,2-Dichloroethane
Concen: 9.400 ppbv
RT: 6.320 min Scan# 1099
Delta R.T. 0.006 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 171741
Ion Ratio Lower Upper
62 100
98 5.9 4.3 6.5

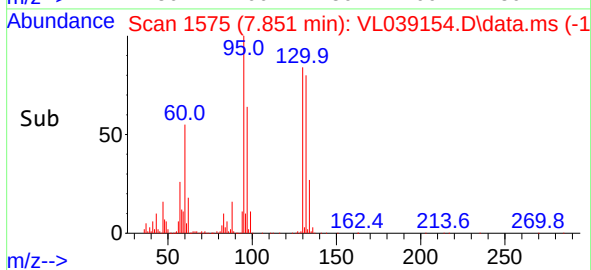
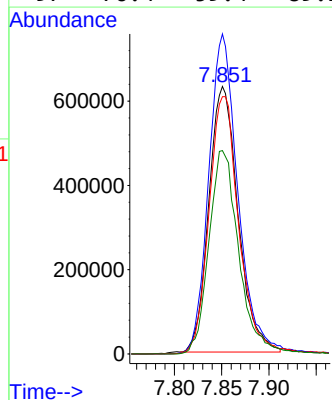
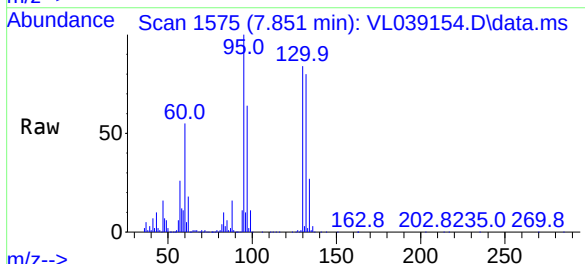
Manual Integrations
APPROVED

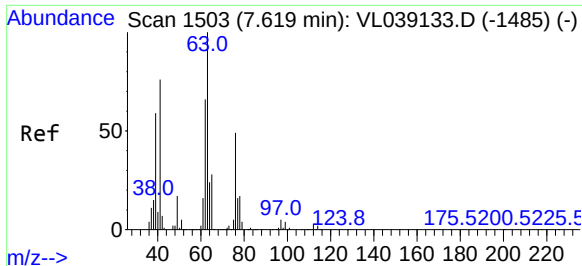
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#38
Trichloroethene
Concen: 10.644 ppbv
RT: 7.851 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

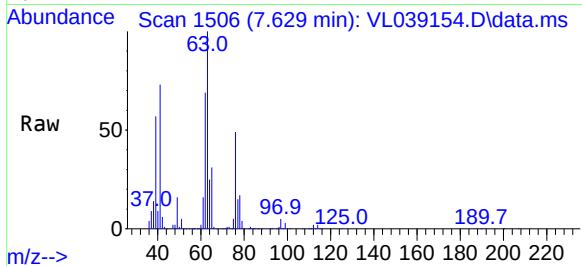
Tgt Ion:130 Resp: 1357301
Ion Ratio Lower Upper
130 100
95 120.1 93.3 139.9
132 96.7 79.0 118.4
97 76.4 59.4 89.2





#39
1,2-Dichloropropane
Concen: 10.030 ppbv
RT: 7.629 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

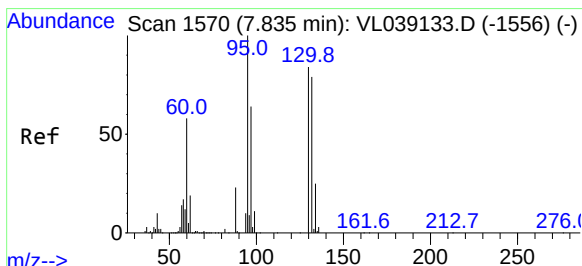
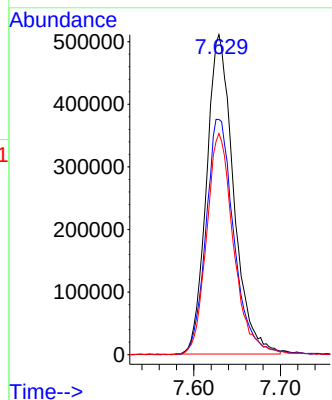
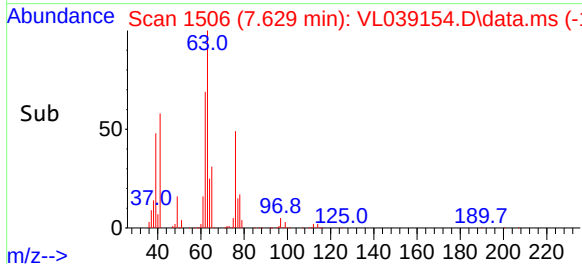
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



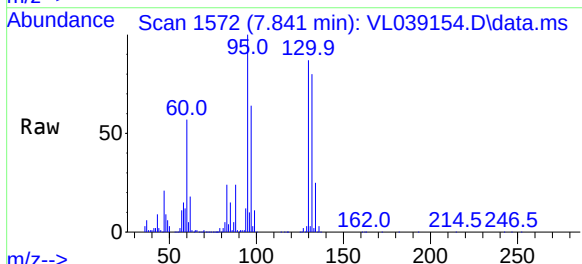
Tgt Ion: 63 Resp: 110760
Ion Ratio Lower Upper
63 100
41 73.4 60.8 91.2
62 69.0 52.9 79.3

Manual Integrations
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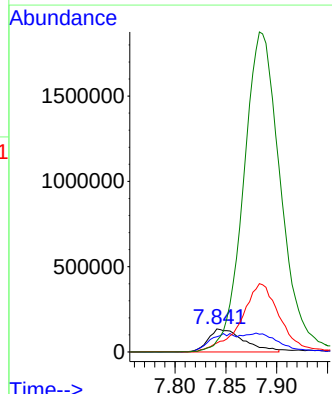
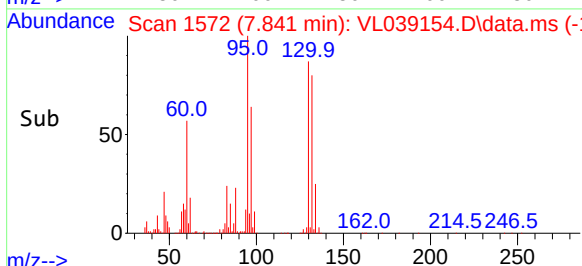
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

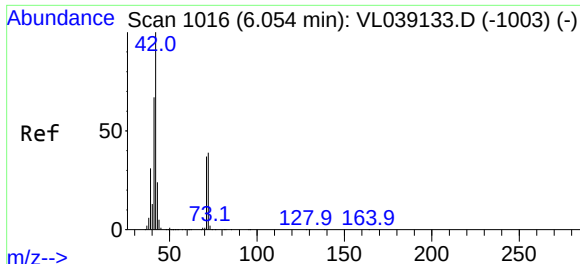


#40
1,4-Dioxane
Concen: 9.041 ppbv m
RT: 7.841 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10



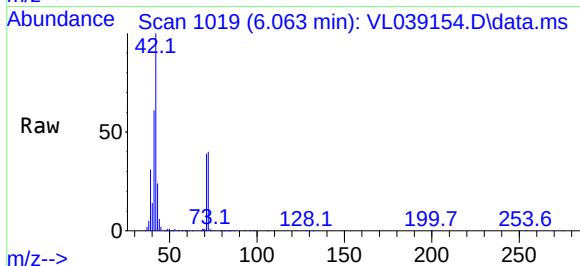
Tgt Ion: 88 Resp: 328669
Ion Ratio Lower Upper
88 100
58 144.9 111.2 166.8
43 325.5 234.2 351.4
57 1457.2 1039.9 1559.9





#41
Tetrahydrofuran
Concen: 10.302 ppbv
RT: 6.063 min Scan# 1016
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

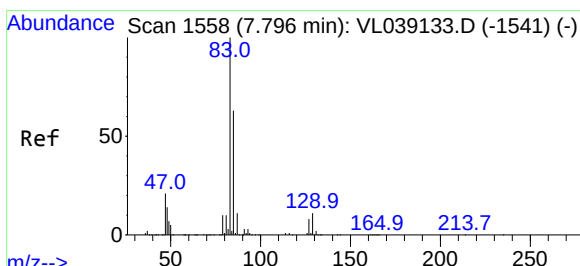
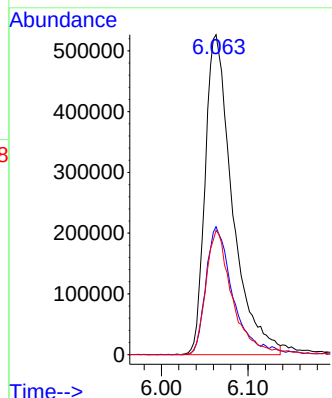
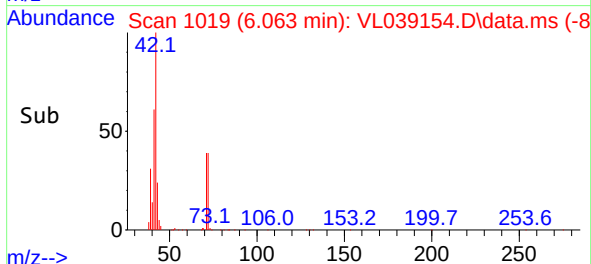
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



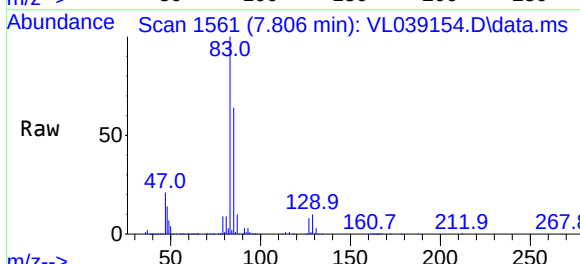
Tgt Ion: 42 Resp: 1151036
Ion Ratio Lower Upper
42 100
72 40.7 32.0 48.0
71 38.5 31.1 46.7

Manual Integrations
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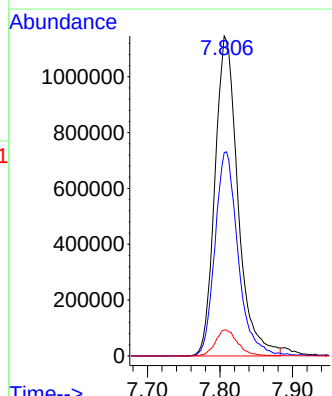
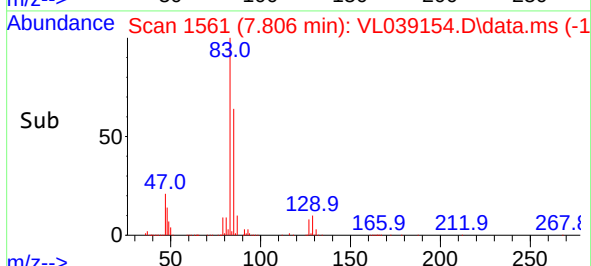
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

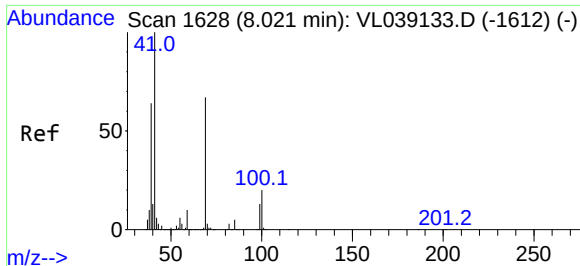


#42
Bromodichloromethane
Concen: 9.959 ppbv
RT: 7.806 min Scan# 1561
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10



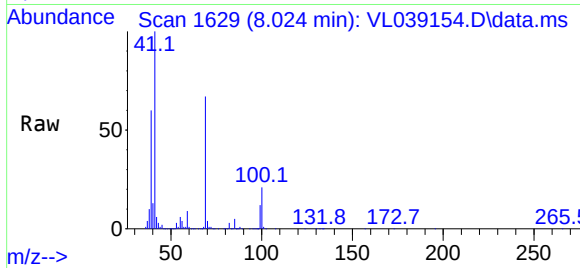
Tgt Ion: 83 Resp: 2525246
Ion Ratio Lower Upper
83 100
85 63.6 50.2 75.4
127 8.1 6.6 9.8





#43
Methyl Methacrylate
Concen: 10.815 ppbv
RT: 8.024 min Scan# 116953
Delta R.T. 0.003 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

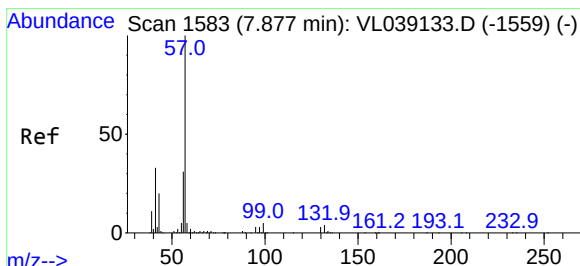
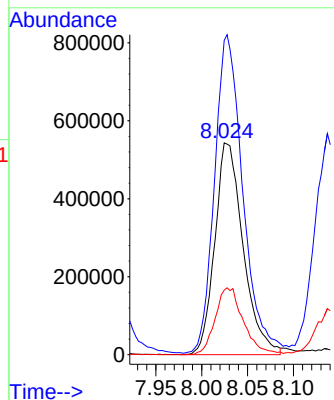
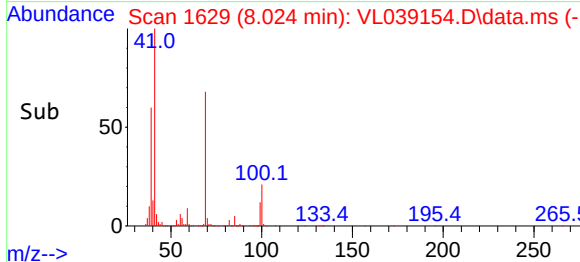
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



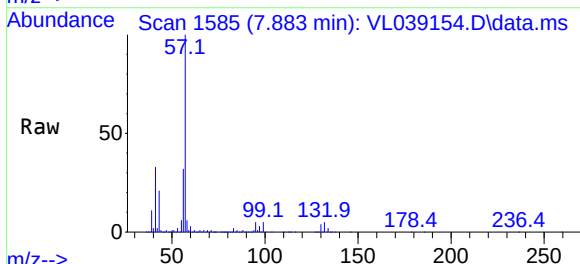
Tgt Ion: 69 Resp: 116953
Ion Ratio Lower Upper
69 100
41 150.5 121.9 182.9
100 31.4 24.1 36.1

Manual Integrations
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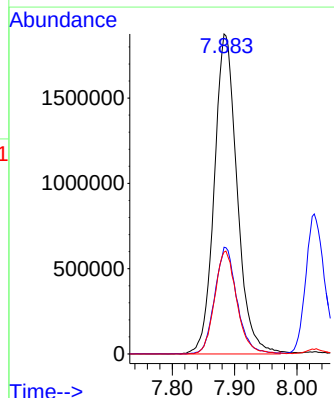
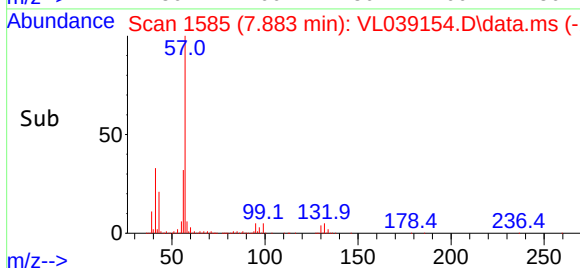
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

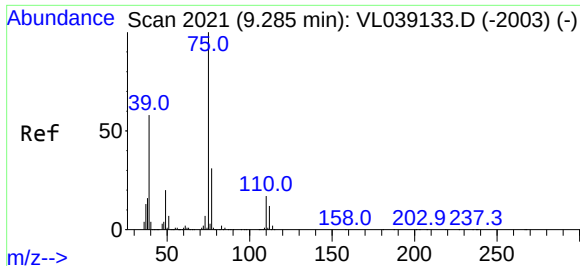


#44
2,2,4-Trimethylpentane
Concen: 9.810 ppbv
RT: 7.883 min Scan# 1585
Delta R.T. 0.006 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10



Tgt Ion: 57 Resp: 4764343
Ion Ratio Lower Upper
57 100
41 32.3 26.2 39.4
56 31.3 24.7 37.1





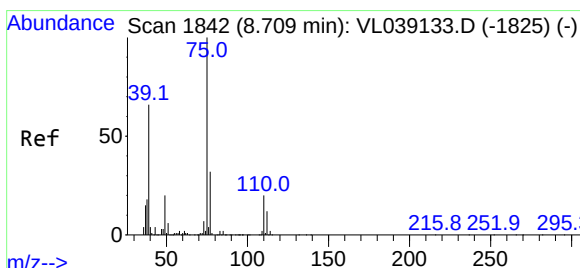
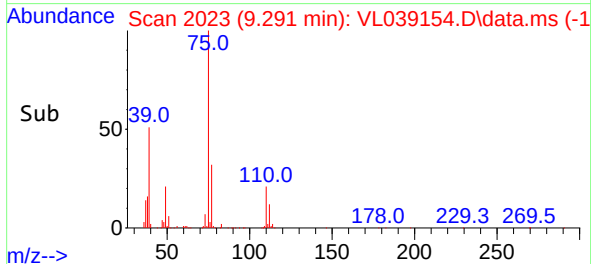
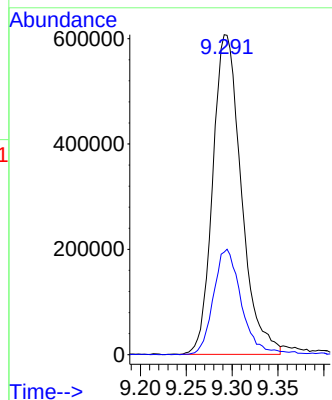
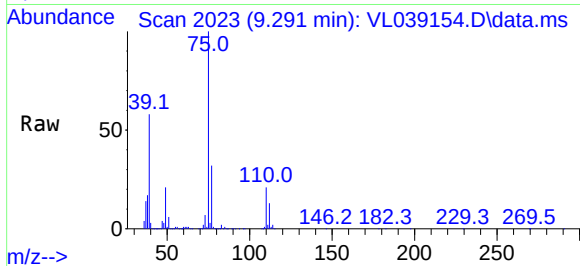
#45
t-1,3-Dichloropropene
Concen: 11.667 ppbv
RT: 9.291 min Scan# 2021
Delta R.T. 0.006 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 1313972
Ion Ratio Lower Upper
75 100
77 32.1 24.4 36.6

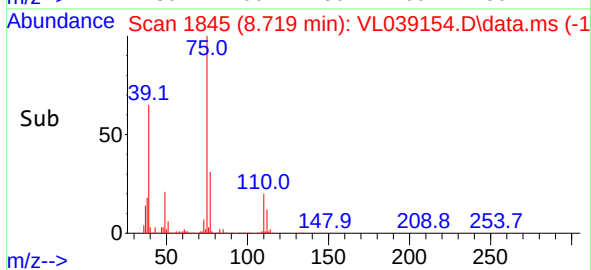
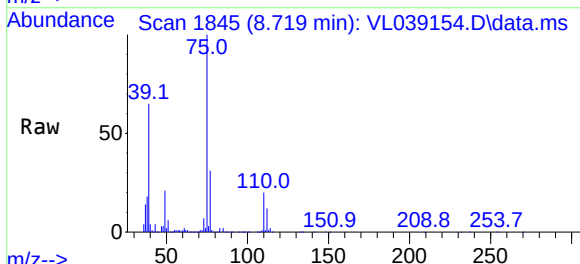
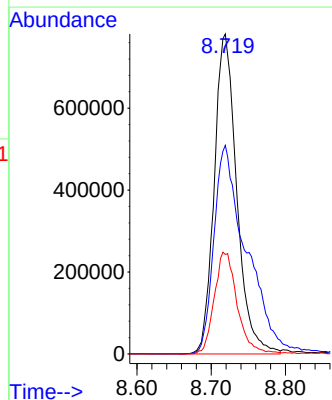
Manual Integrations
APPROVED

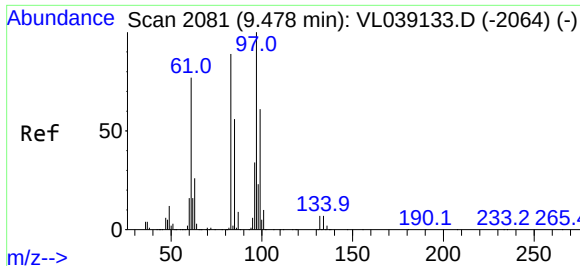
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#46
cis-1,3-Dichloropropene
Concen: 11.080 ppbv
RT: 8.719 min Scan# 1845
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

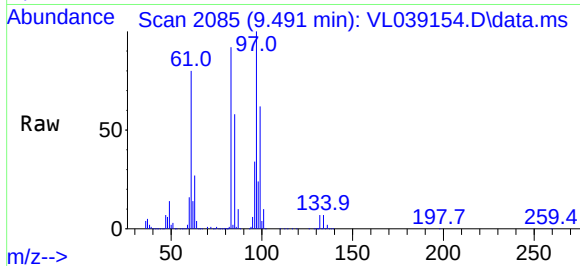
Tgt Ion: 75 Resp: 1648455
Ion Ratio Lower Upper
75 100
39 65.2 52.4 78.6
77 31.1 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 10.184 ppbv
RT: 9.491 min Scan# 2085
Delta R.T. 0.013 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

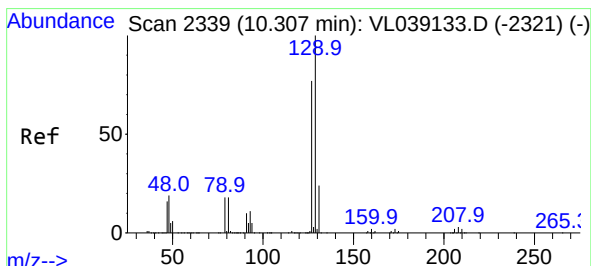
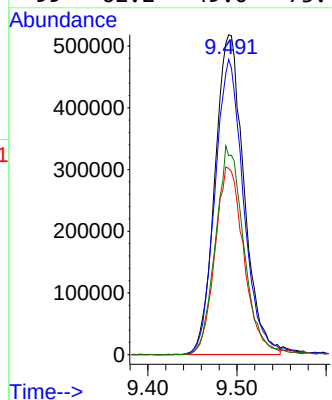
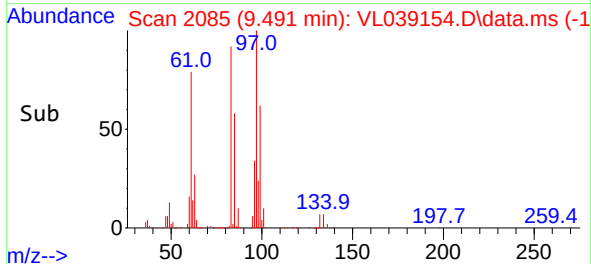


Tgt Ion: 97 Resp: 117326

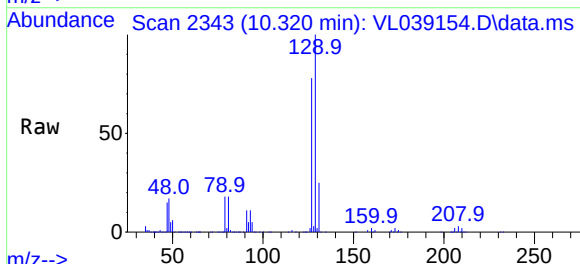
Ion	Ratio	Lower	Upper
97	100		
83	92.3	71.6	107.4
85	58.1	44.8	67.2
99	62.2	49.0	73.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

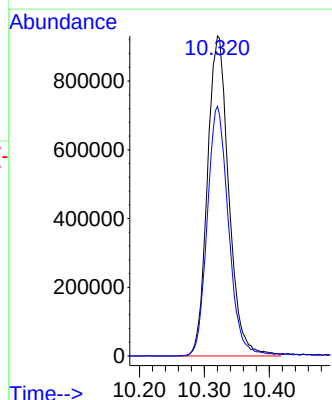
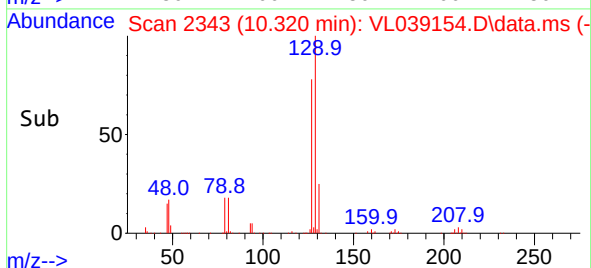


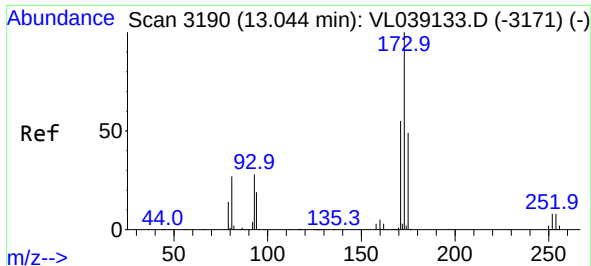
#48
Dibromochloromethane
Concen: 10.353 ppbv
RT: 10.320 min Scan# 2343
Delta R.T. 0.013 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10



Tgt Ion:129 Resp: 2129596

Ion	Ratio	Lower	Upper
129	100		
127	78.2	40.0	119.9





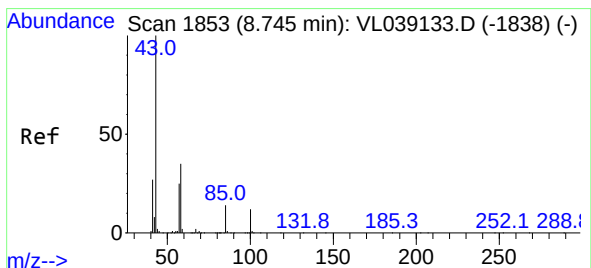
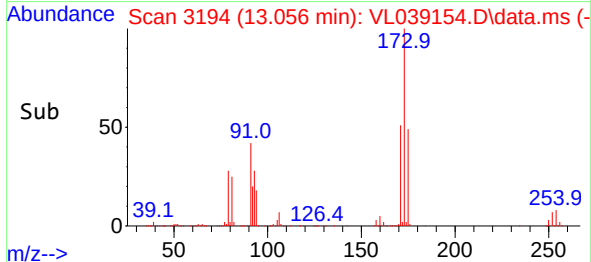
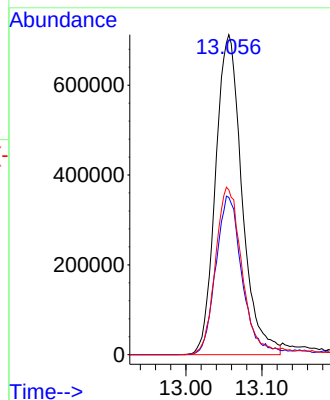
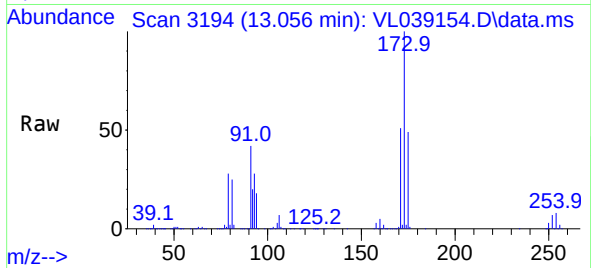
#49
Bromoform
Concen: 10.050 ppbv
RT: 13.056 min Scan# 3190
Delta R.T. 0.013 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1722868
Ion Ratio Lower Upper
173 100
175 49.3 40.2 60.2
171 54.5 43.9 65.9

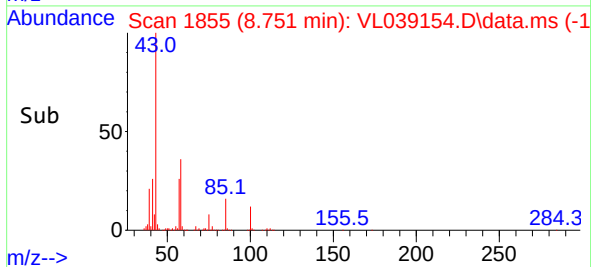
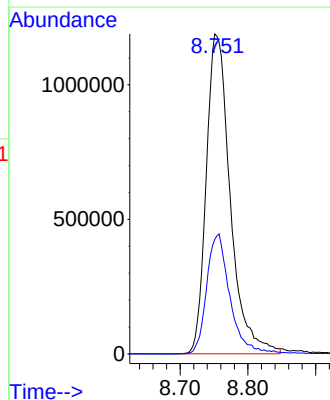
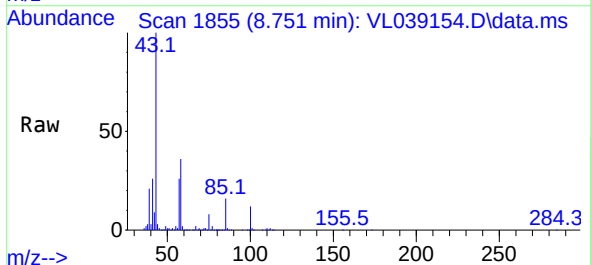
Manual Integrations
APPROVED

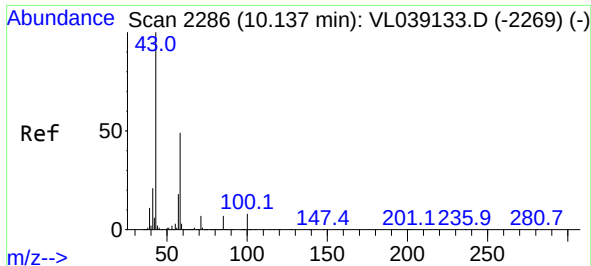
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#50
4-Methyl-2-Pentanone
Concen: 10.486 ppbv
RT: 8.751 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

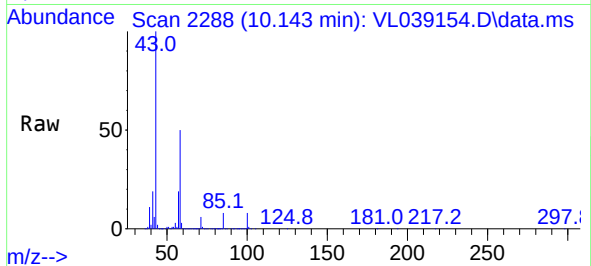
Tgt Ion: 43 Resp: 2915868
Ion Ratio Lower Upper
43 100
58 36.7 28.7 43.1





#51
2-Hexanone
Concen: 10.609 ppbv
RT: 10.143 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

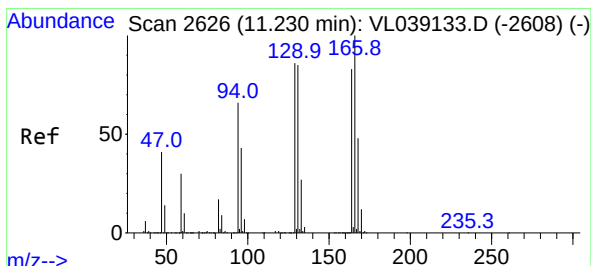
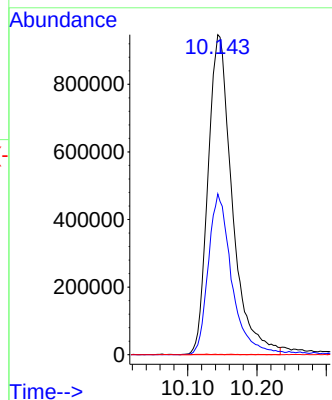
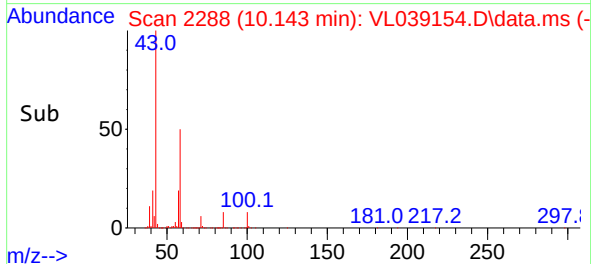
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



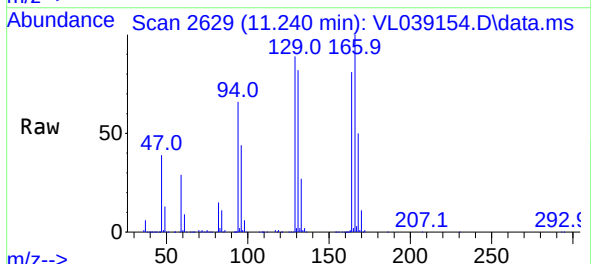
Tgt Ion: 43 Resp: 229555
Ion Ratio Lower Upper
43 100
58 50.2 40.0 60.0
98 0.2 0.1 0.1

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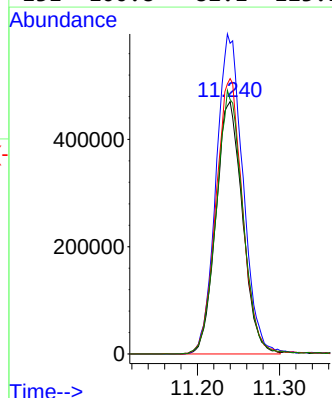
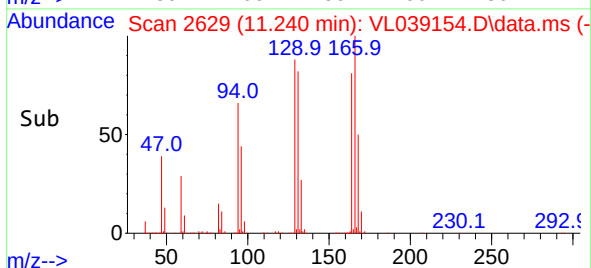
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

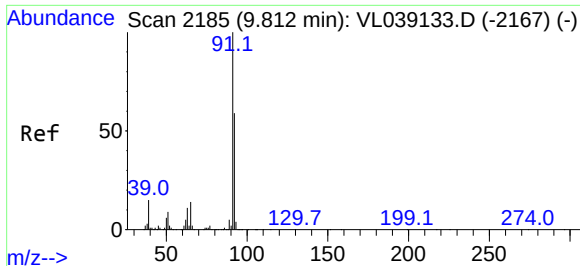


#52
Tetrachloroethene
Concen: 9.777 ppbv
RT: 11.240 min Scan# 2629
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10



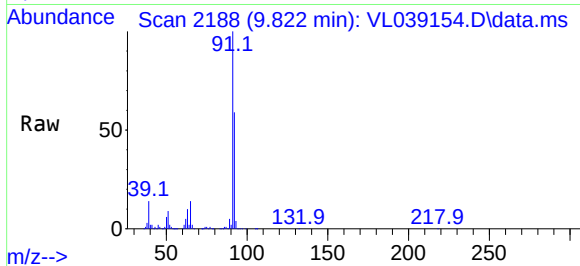
Tgt Ion:164 Resp: 1059716
Ion Ratio Lower Upper
164 100
166 123.1 96.3 144.5
129 109.2 82.5 123.7
131 100.8 82.1 123.1





#53
Toluene
Concen: 10.473 ppbv
RT: 9.822 min Scan# 2185
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

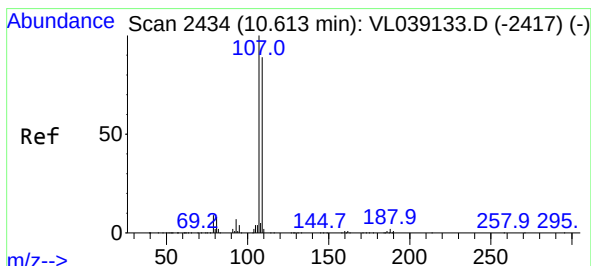
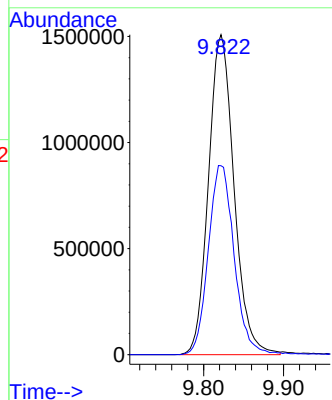
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 3347809
Ion Ratio Lower Upper
91 100
92 60.4 48.1 72.1

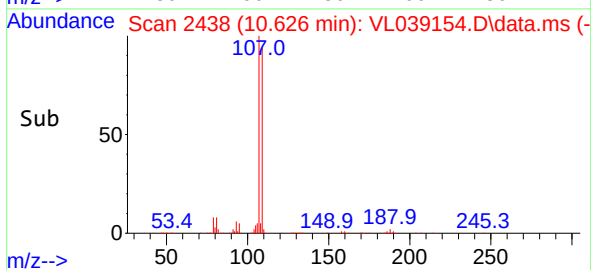
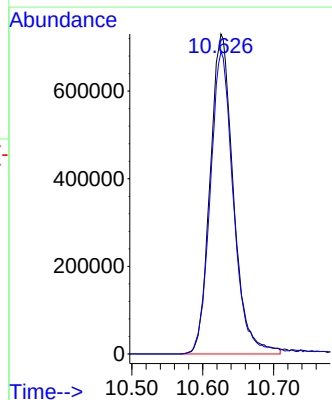
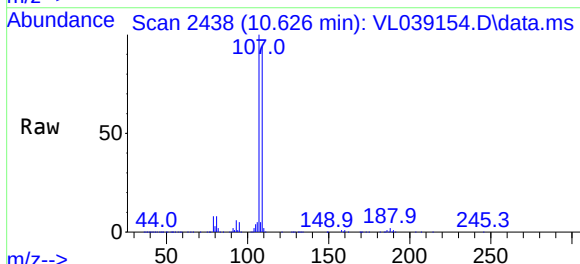
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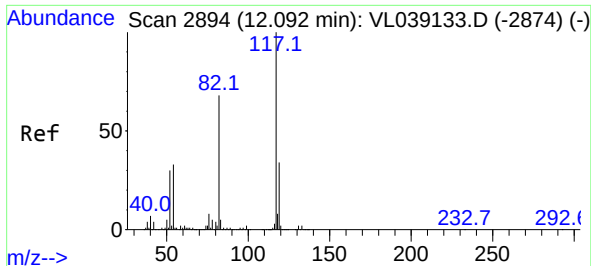
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#54
1,2-Dibromoethane
Concen: 10.768 ppbv
RT: 10.626 min Scan# 2438
Delta R.T. 0.013 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

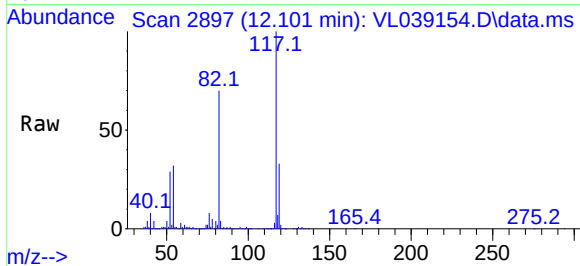
Tgt Ion:107 Resp: 1666903
Ion Ratio Lower Upper
107 100
109 94.4 71.4 107.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.101 min Scan# 2897
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

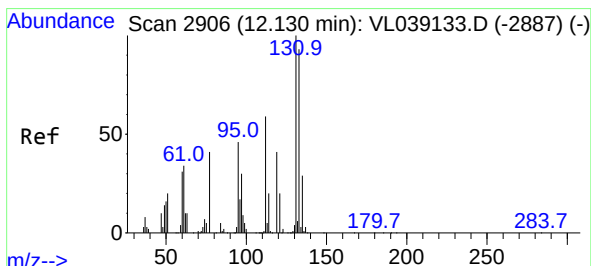
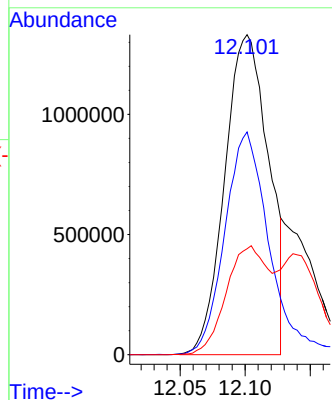
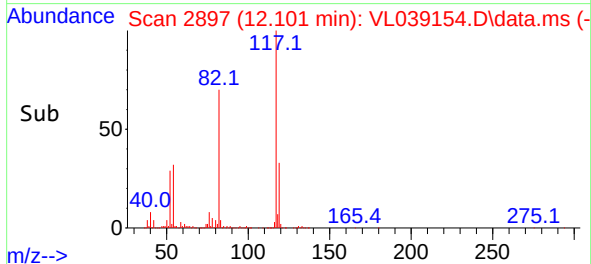
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



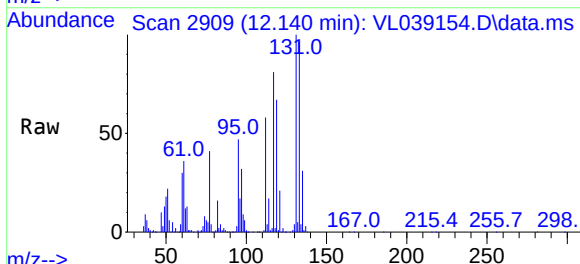
Tgt Ion:117 Resp: 311147
Ion Ratio Lower Upper
117 100
82 73.1 55.1 82.7
119 34.4 24.7 37.1

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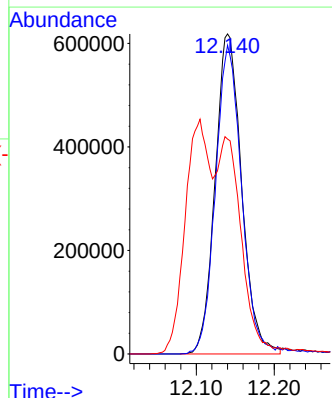
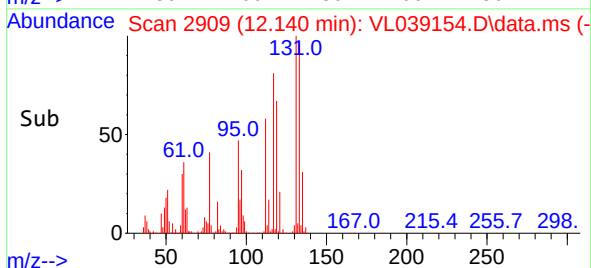
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

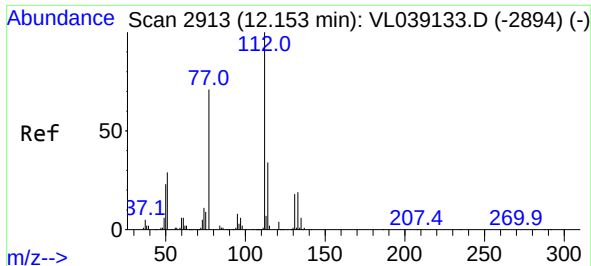


#56
1,1,1,2-Tetrachloroethane
Concen: 9.906 ppbv
RT: 12.140 min Scan# 2909
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10



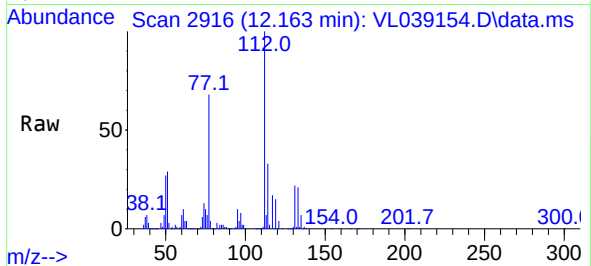
Tgt Ion:131 Resp: 1458469
Ion Ratio Lower Upper
131 100
133 97.2 78.6 117.8
119 67.1 51.7 77.5





#57
Chlorobenzene
Concen: 10.557 ppbv
RT: 12.163 min Scan# 2916
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

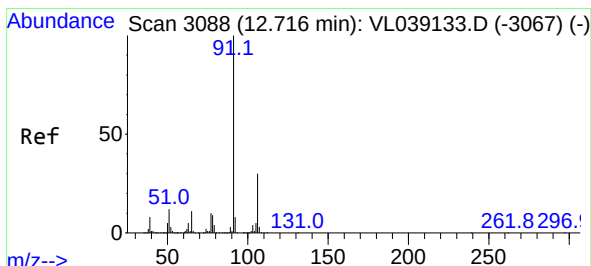
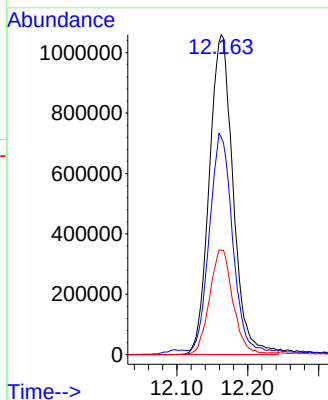
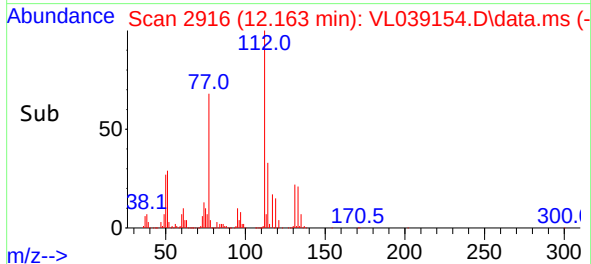
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



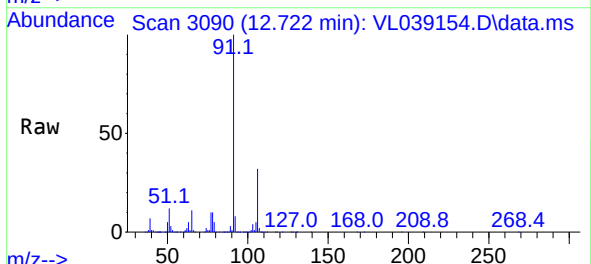
Tgt Ion: 112 Resp: 2471594
Ion Ratio Lower Upper
112 100
77 66.5 56.5 84.7
114 32.6 30.3 37.1

Manual Integrations
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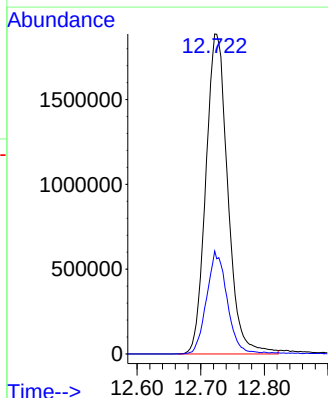
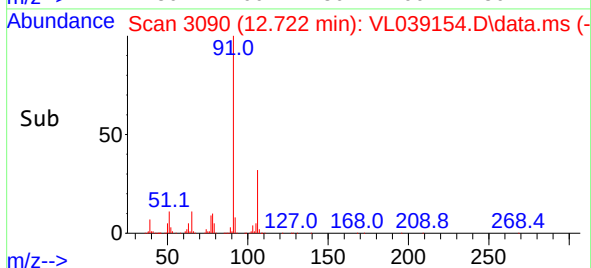
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

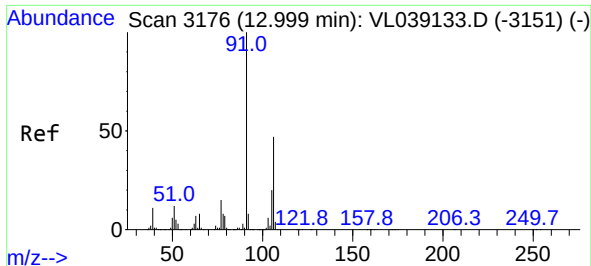


#58
Ethyl Benzene
Concen: 10.542 ppbv
RT: 12.722 min Scan# 3090
Delta R.T. 0.006 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10



Tgt Ion: 91 Resp: 4518317
Ion Ratio Lower Upper
91 100
106 32.1 24.2 36.4





#59

m/p-Xylene

Concen: 20.231 ppbv m

RT: 13.015 min Scan# 3176

Delta R.T. 0.016 min

Lab File: VL039154.D

Acq: 3 Jun 2022 15:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 763556

Ion Ratio Lower Upper

91 100

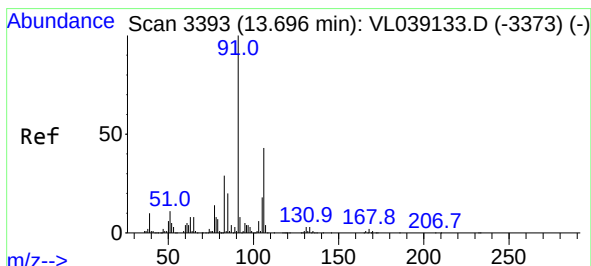
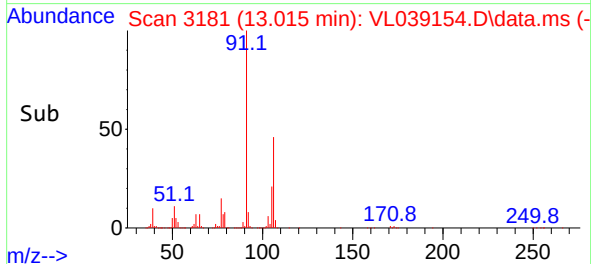
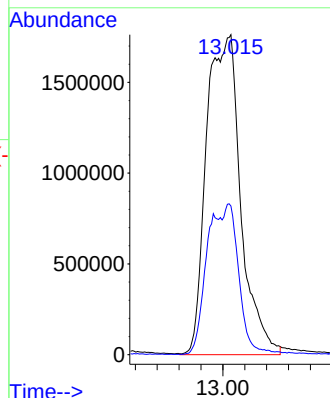
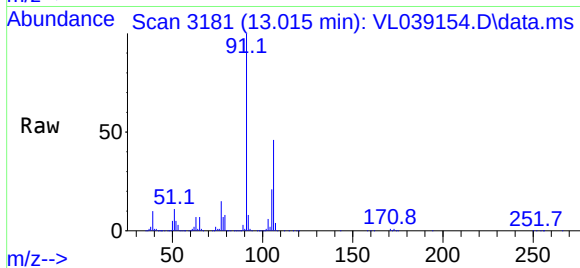
106 43.5 34.3 51.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/05/2022

Supervised By :Mahesh Dadoda 06/06/2022



#60

o-Xylene

Concen: 10.396 ppbv

RT: 13.706 min Scan# 3396

Delta R.T. 0.010 min

Lab File: VL039154.D

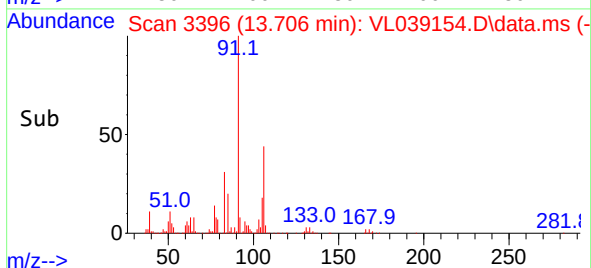
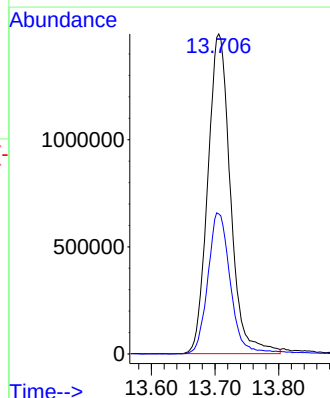
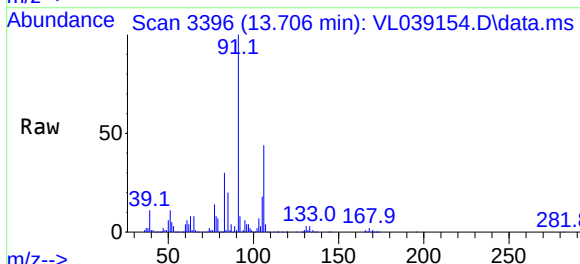
Acq: 3 Jun 2022 15:10

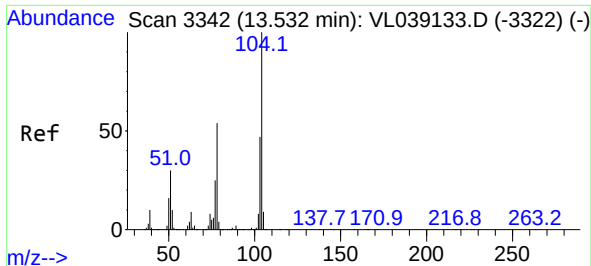
Tgt Ion: 91 Resp: 3686776

Ion Ratio Lower Upper

91 100

106 44.5 22.3 66.9





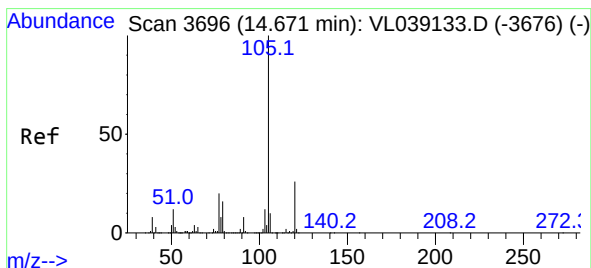
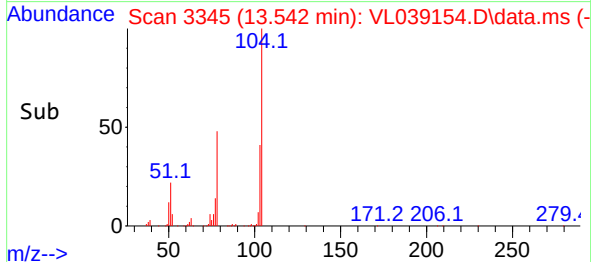
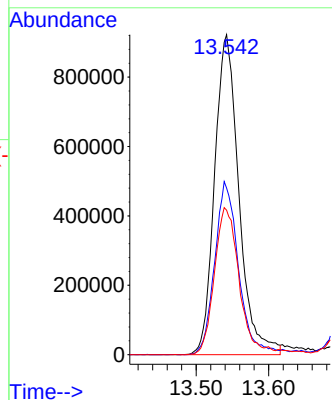
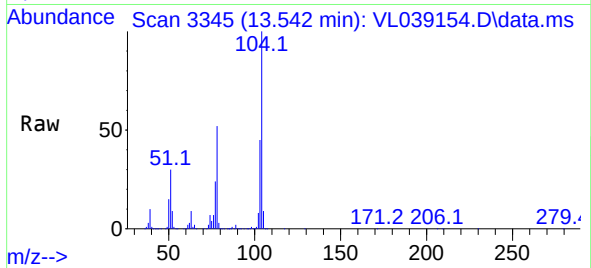
#61
Styrene
Concen: 11.309 ppbv
RT: 13.542 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 2147800
Ion Ratio Lower Upper
104 100
78 53.8 45.7 68.5
103 48.2 39.6 59.4

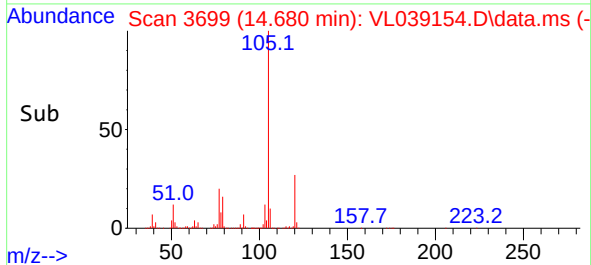
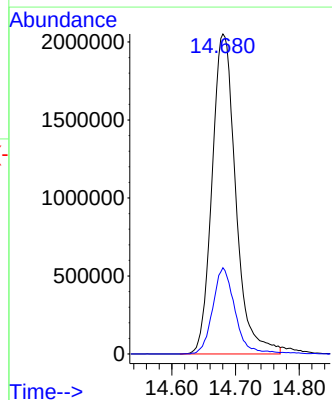
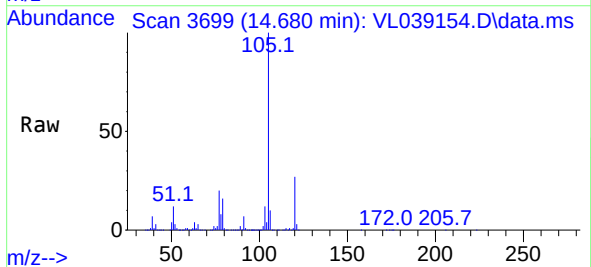
Manual Integrations
APPROVED

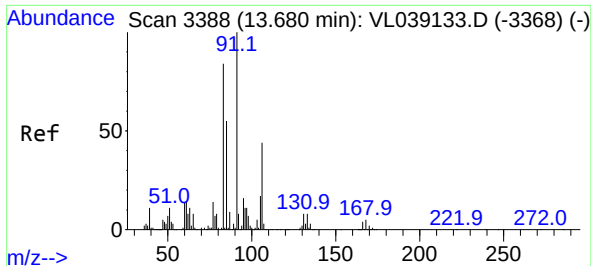
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#62
Isopropylbenzene
Concen: 10.061 ppbv
RT: 14.680 min Scan# 3699
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Tgt Ion:105 Resp: 5303321
Ion Ratio Lower Upper
105 100
120 25.7 20.3 30.5





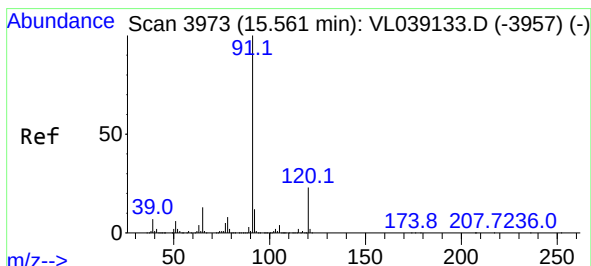
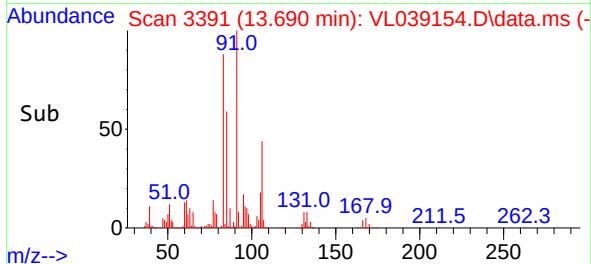
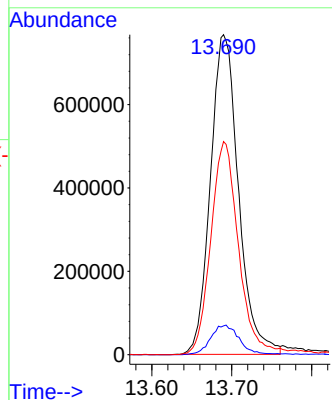
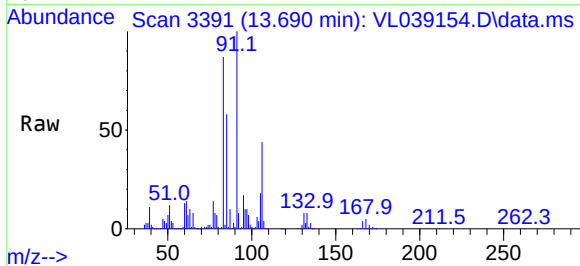
#63
1,1,2,2-Tetrachloroethane
Concen: 9.398 ppbv
RT: 13.690 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1870769
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.3
85 67.9 33.0 99.0

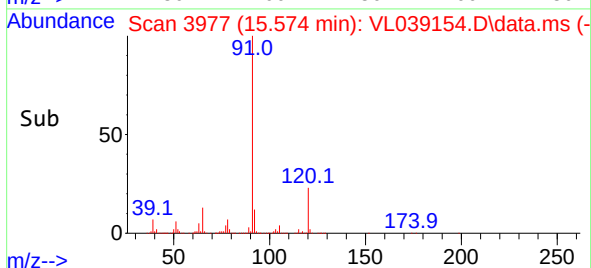
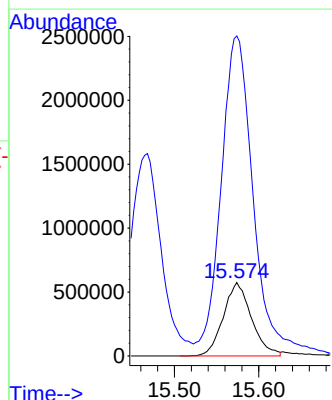
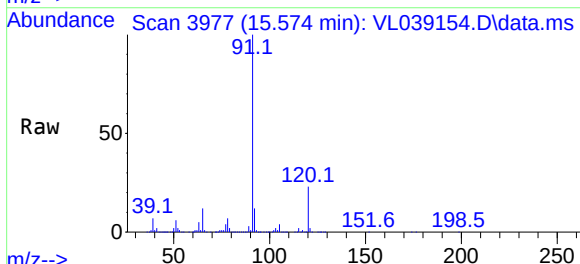
Manual Integrations
APPROVED

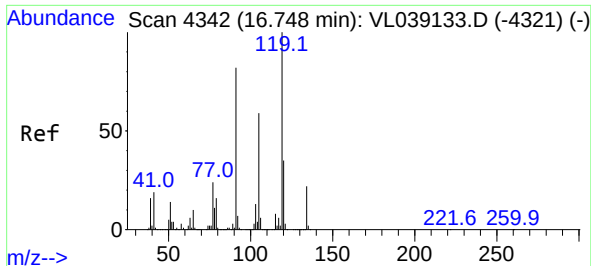
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#64
n-propylbenzene
Concen: 10.272 ppbv
RT: 15.574 min Scan# 3977
Delta R.T. 0.013 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

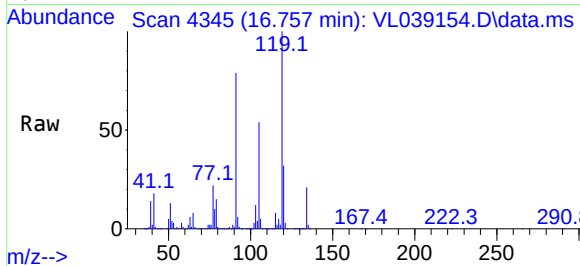
Tgt Ion:120 Resp: 1331047
Ion Ratio Lower Upper
120 100
91 501.7 388.4 582.6





#65
tert-Butylbenzene
Concen: 9.757 ppbv
RT: 16.757 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

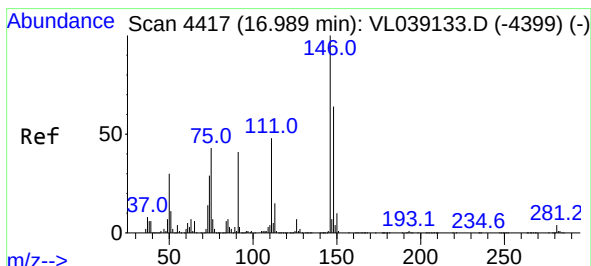
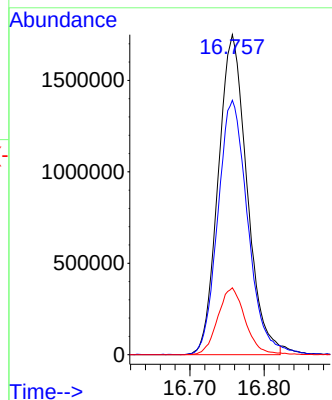
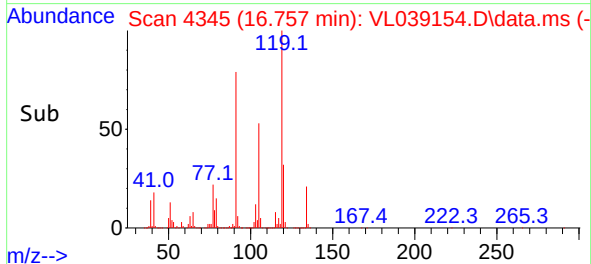
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



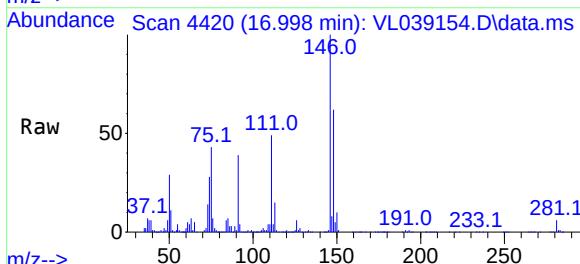
Tgt Ion: 119 Resp: 470316
Ion Ratio Lower Upper
119 100
91 83.1 67.1 100.7
134 20.0 15.8 23.8

Manual Integrations
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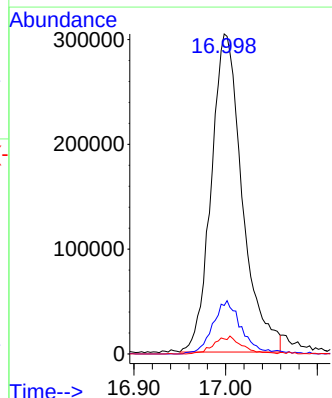
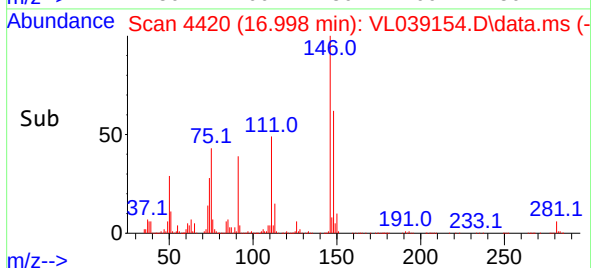
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

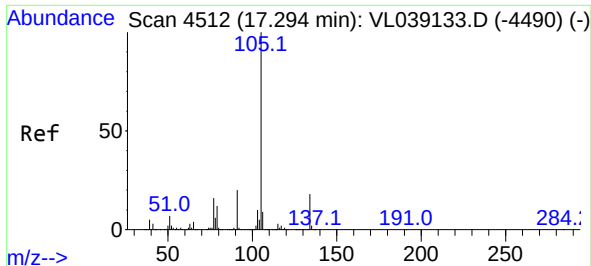


#66
Benzyl Chloride
Concen: 11.397 ppbv
RT: 16.998 min Scan# 4420
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10



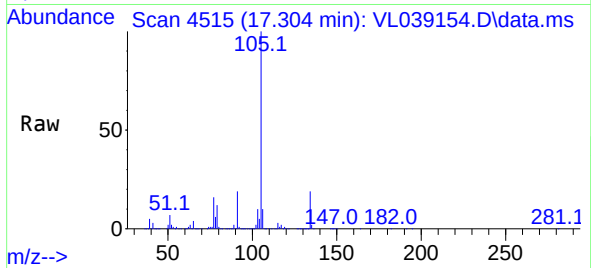
Tgt Ion: 91 Resp: 714268
Ion Ratio Lower Upper
91 100
126 15.9 13.4 20.0
128 5.3 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 10.128 ppbv
 RT: 17.304 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL039154.D
 Acq: 3 Jun 2022 15:10

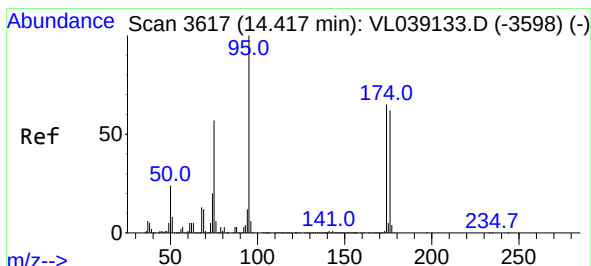
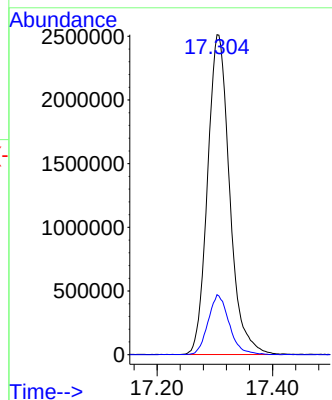
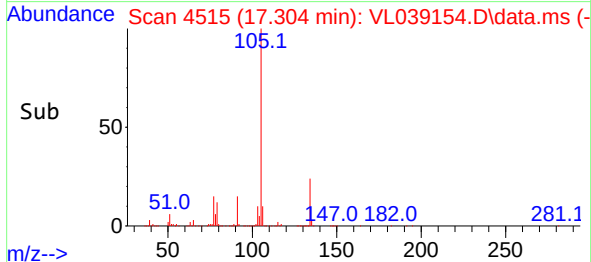
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



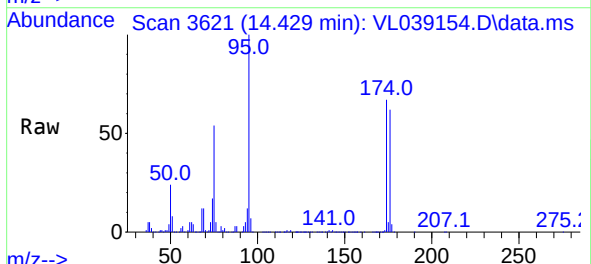
Tgt Ion:105 Resp: 6660634
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.4 21.6

Manual Integrations
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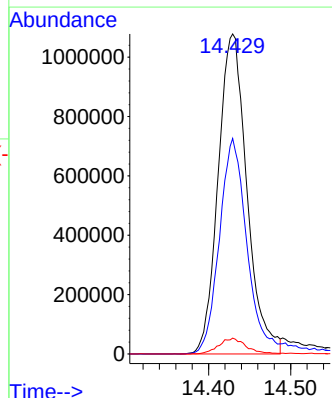
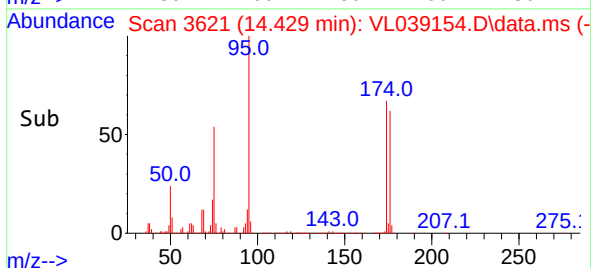
Reviewed By :Semsettin Yesilyurt 06/05/2022
 Supervised By :Mahesh Dadoda 06/06/2022

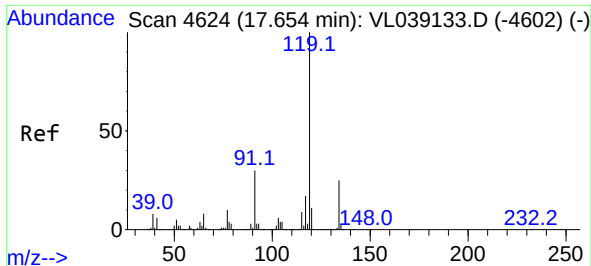


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.219 ppbv
 RT: 14.429 min Scan# 3621
 Delta R.T. 0.013 min
 Lab File: VL039154.D
 Acq: 3 Jun 2022 15:10



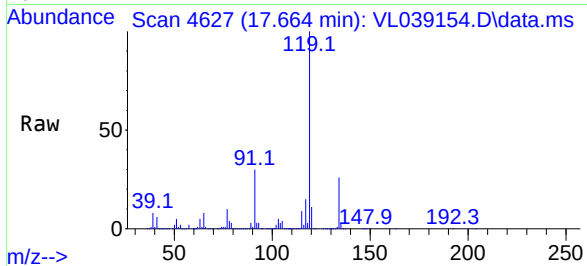
Tgt Ion: 95 Resp: 2628623
 Ion Ratio Lower Upper
 95 100
 174 68.1 53.8 80.8
 175 4.8 4.1 6.1





#69
p-Isopropyltoluene
Concen: 10.075 ppbv
RT: 17.664 min Scan# 406
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

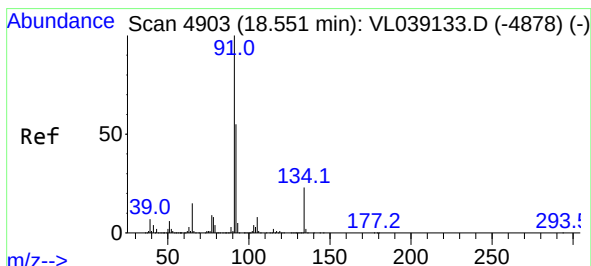
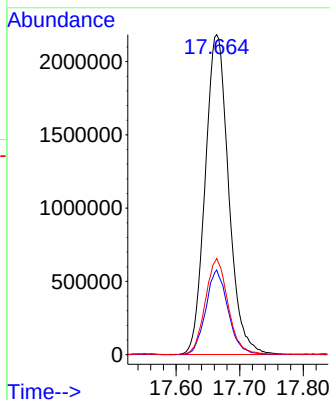
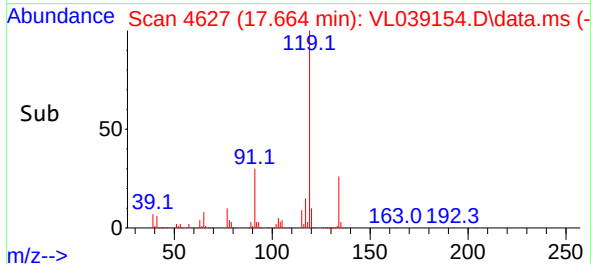
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



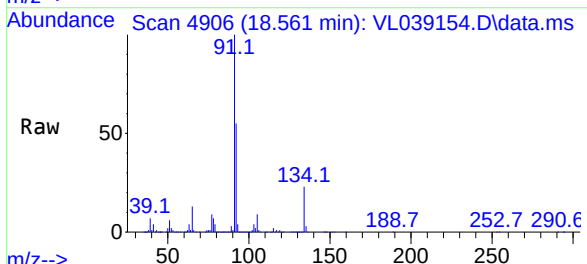
Tgt Ion:119 Resp: 559049
Ion Ratio Lower Upper
119 100
134 25.3 20.4 30.6
91 29.1 24.2 36.4

Manual Integrations
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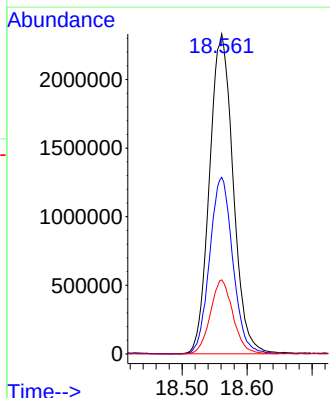
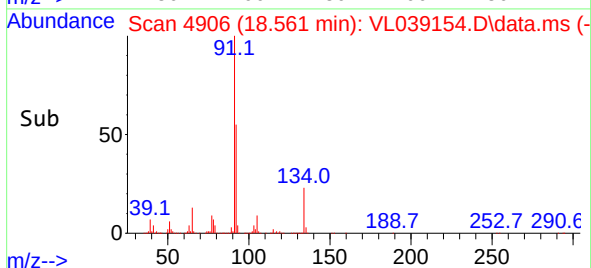
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

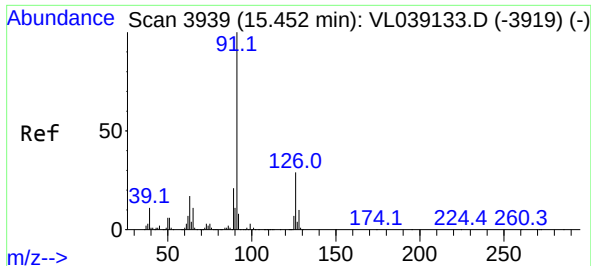


#70
n-Butylbenzene
Concen: 10.344 ppbv
RT: 18.561 min Scan# 4906
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10



Tgt Ion: 91 Resp: 5891067
Ion Ratio Lower Upper
91 100
92 54.3 43.6 65.4
134 22.2 17.7 26.5





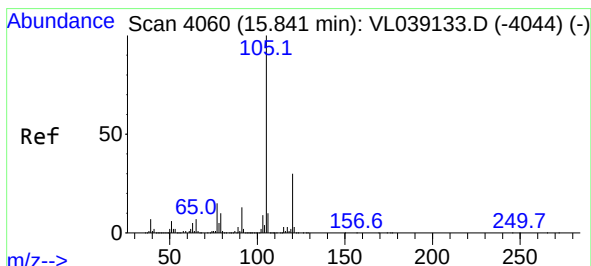
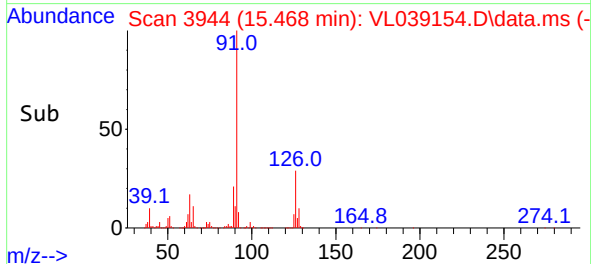
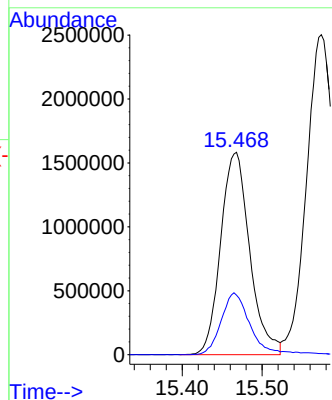
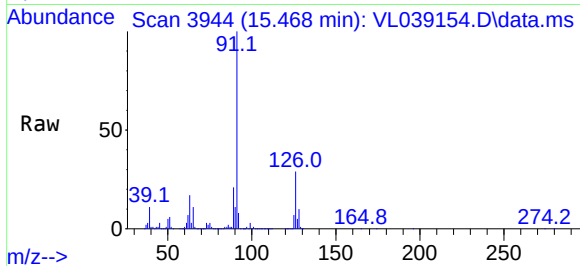
#71
2-Chlorotoluene
Concen: 9.939 ppbv
RT: 15.468 min Scan# 3939
Delta R.T. 0.016 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3995168
Ion Ratio Lower Upper
91 100
126 31.1 12.2 48.6

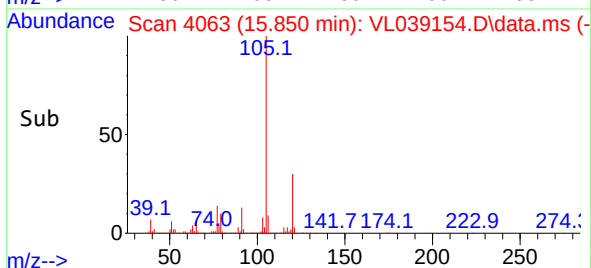
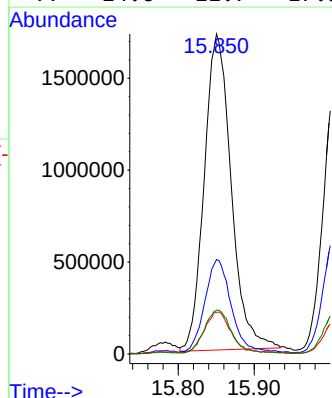
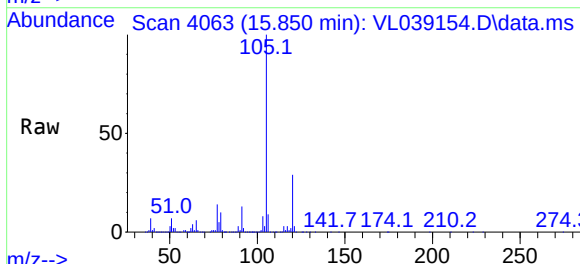
Manual Integrations
APPROVED

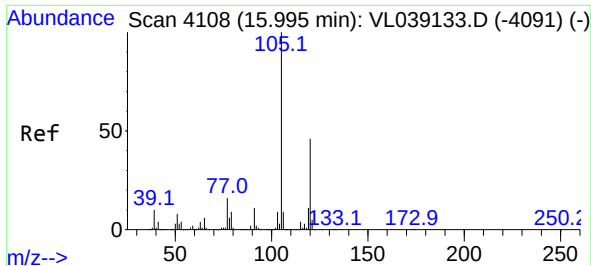
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#72
4-Ethyltoluene
Concen: 10.180 ppbv
RT: 15.850 min Scan# 4063
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Tgt Ion:105 Resp: 4231513
Ion Ratio Lower Upper
105 100
120 31.2 23.9 35.9
91 13.0 10.6 16.0
77 14.6 11.7 17.5





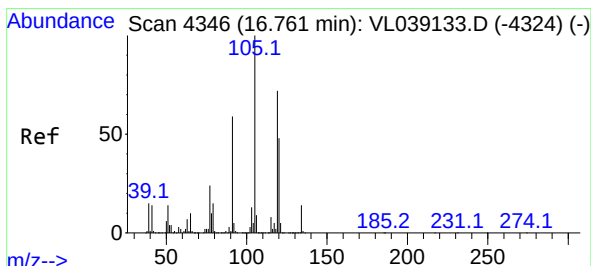
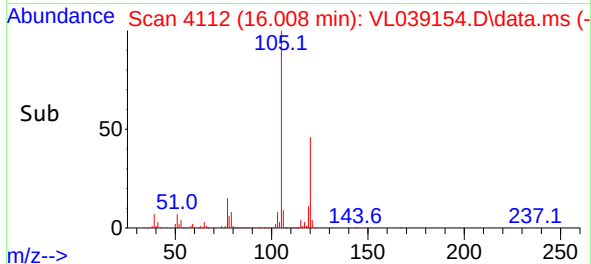
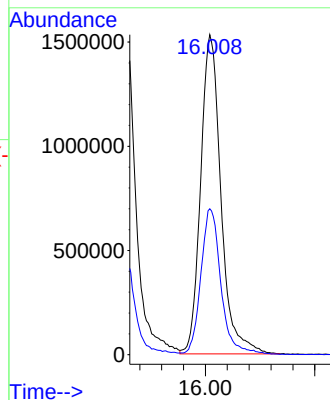
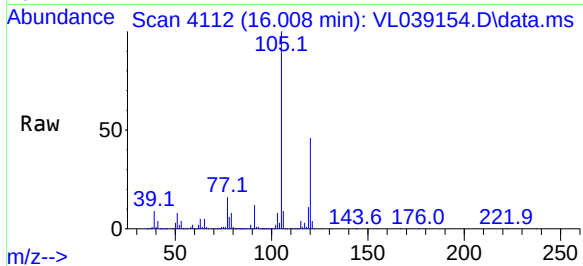
#73
1,3,5-Trimethylbenzene
Concen: 10.536 ppbv
RT: 16.008 min Scan# 4112
Delta R.T. 0.013 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 3949820
Ion Ratio Lower Upper
105 100
120 45.6 36.7 55.1

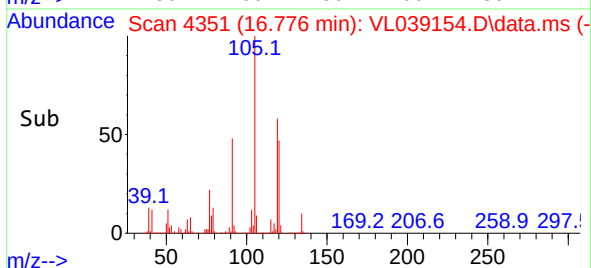
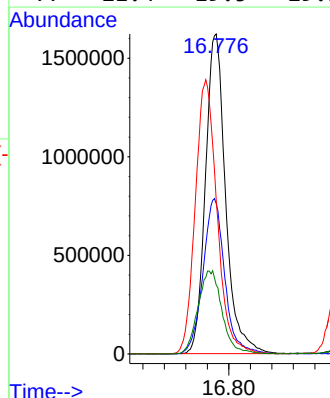
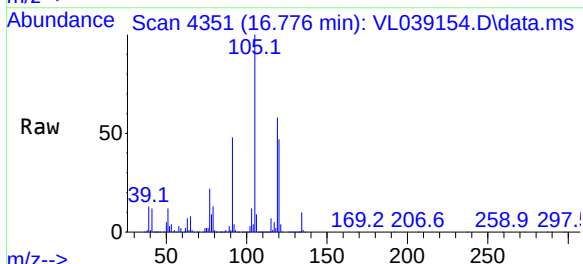
Manual Integrations
APPROVED

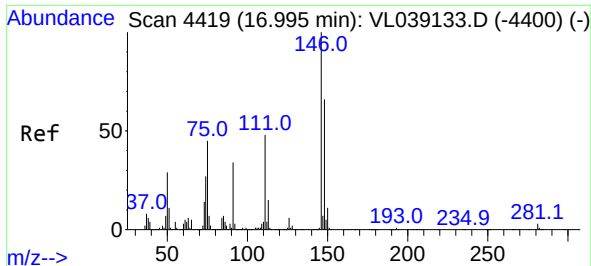
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#74
1,2,4-Trimethylbenzene
Concen: 10.091 ppbv
RT: 16.776 min Scan# 4351
Delta R.T. 0.016 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Tgt Ion:105 Resp: 4221765
Ion Ratio Lower Upper
105 100
120 46.9 38.1 57.1
91 48.1 47.4 71.0
77 21.4 19.5 29.3





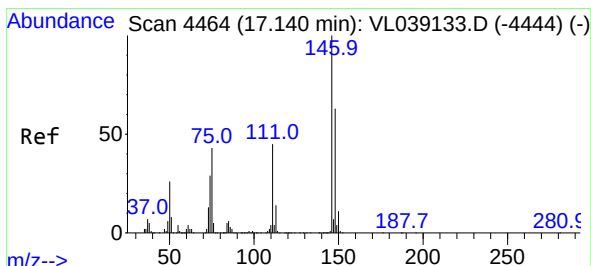
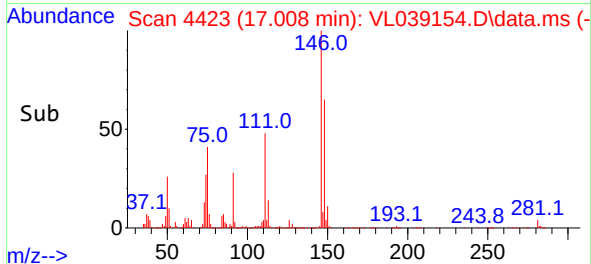
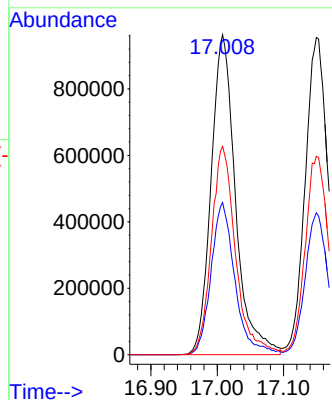
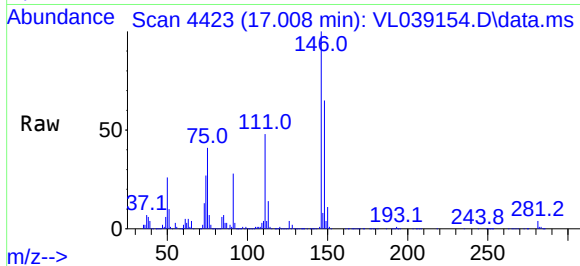
#75
1,3-Dichlorobenzene
Concen: 10.395 ppbv
RT: 17.008 min Scan# 4423
Delta R.T. 0.013 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 2461623
Ion Ratio Lower Upper
146 100
111 46.7 23.8 71.4
148 64.7 32.4 97.0

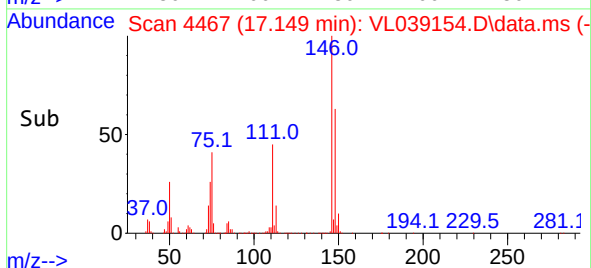
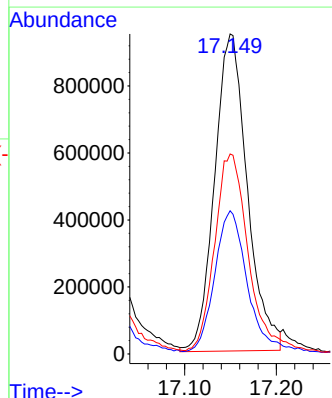
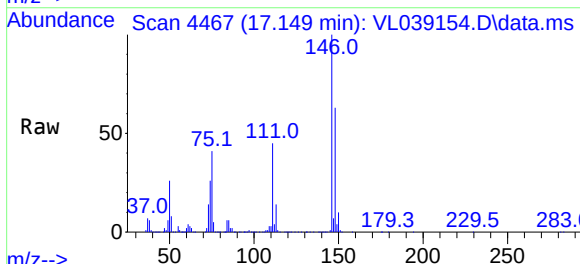
Manual Integrations
APPROVED

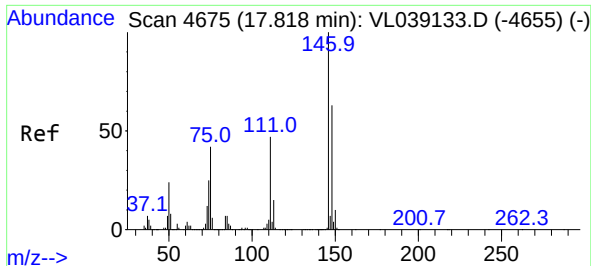
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#76
1,4-Dichlorobenzene
Concen: 9.916 ppbv
RT: 17.149 min Scan# 4467
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Tgt Ion:146 Resp: 2342723
Ion Ratio Lower Upper
146 100
111 46.6 23.6 71.0
148 66.9 33.7 101.0





#77
1,2-Dichlorobenzene
Concen: 9.957 ppbv
RT: 17.828 min Scan# 410
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Instrument :

MSVOA_L

ClientSampleId :

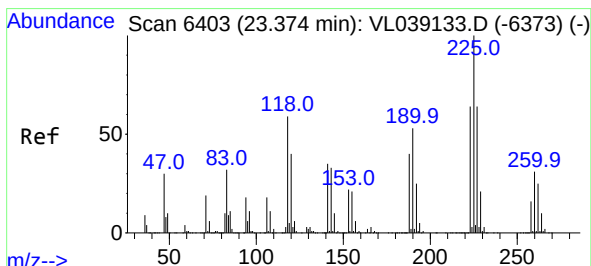
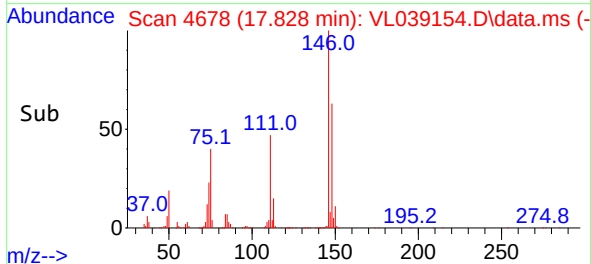
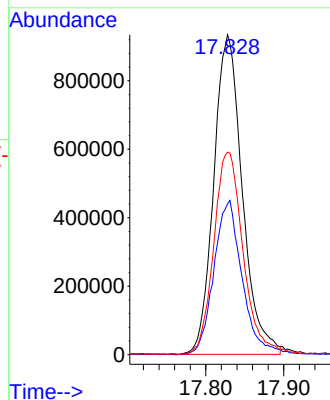
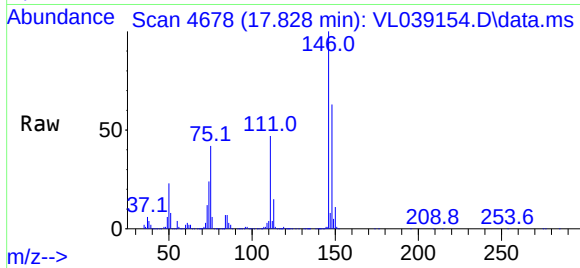
VSTDCCC010

Tgt Ion:146 Resp: 2376504
Ion Ratio Lower Upper
146 100
111 47.8 24.4 73.4
148 65.3 32.1 96.5

Manual Integrations

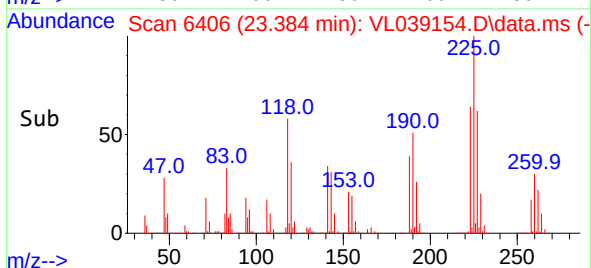
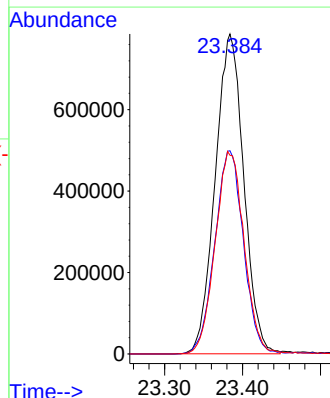
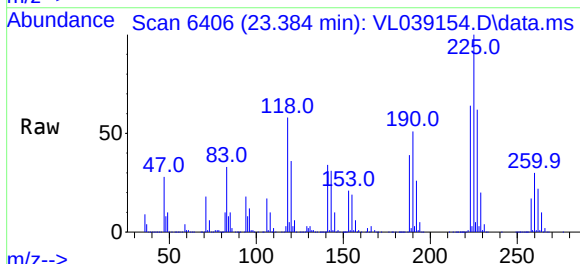
APPROVED

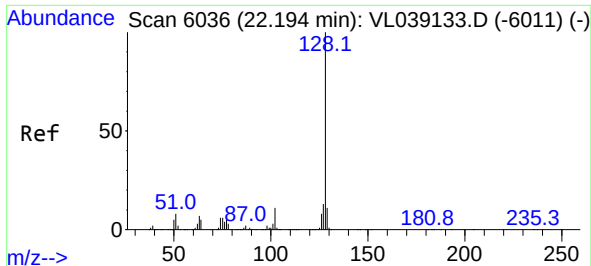
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#78
Hexachloro-1,3-Butadiene
Concen: 9.171 ppbv
RT: 23.384 min Scan# 6406
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

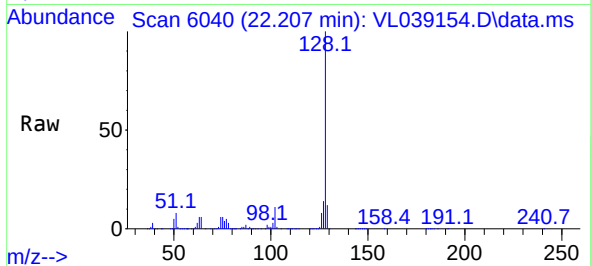
Tgt Ion:225 Resp: 2001576
Ion Ratio Lower Upper
225 100
223 64.4 51.4 77.0
227 64.4 50.6 75.8





#79
Naphthalene
Concen: 12.533 ppbv
RT: 22.207 min Scan# 6036
Delta R.T. 0.013 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

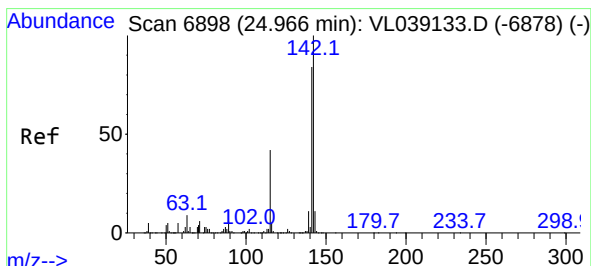
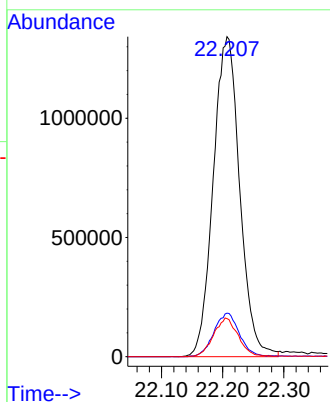
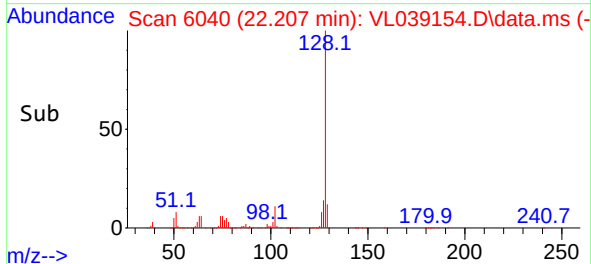
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



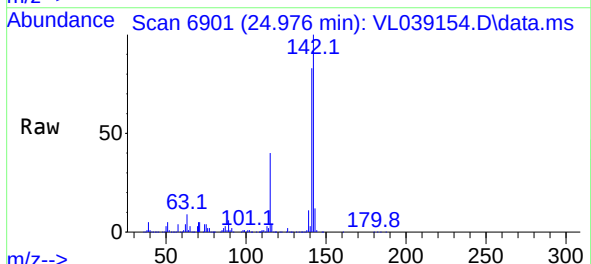
Tgt Ion:128 Resp: 4036319
Ion Ratio Lower Upper
128 100
127 13.6 10.4 15.6
129 11.9 9.0 13.6

Manual Integrations
APPROVED

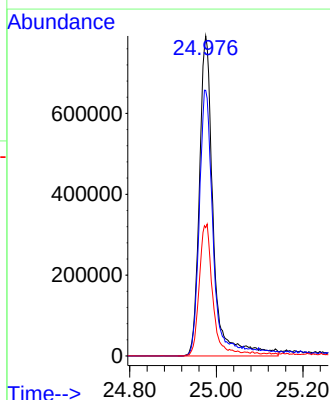
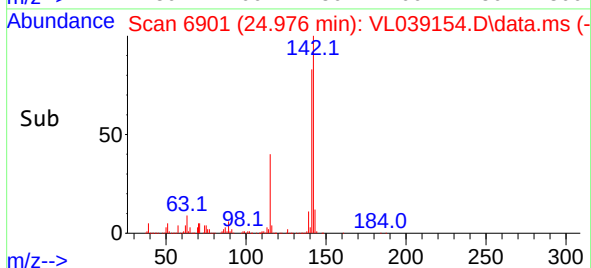
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

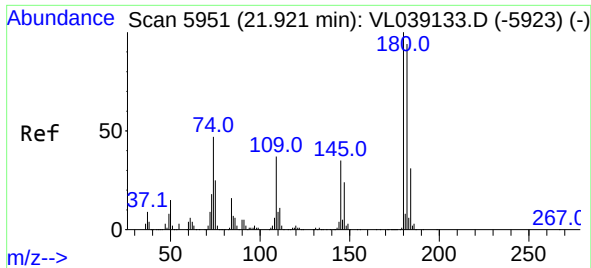


#80
Naphthalene,2-methyl-
Concen: 14.756 ppbv
RT: 24.976 min Scan# 6901
Delta R.T. 0.010 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10



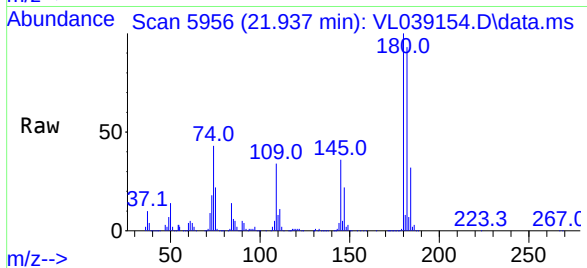
Tgt Ion:142 Resp: 1765631
Ion Ratio Lower Upper
142 100
141 87.4 64.6 96.8
115 41.1 32.7 49.1





#81
1,2,4-Trichlorobenzene
Concen: 11.074 ppbv
RT: 21.937 min Scan# 5956
Delta R.T. 0.016 min
Lab File: VL039154.D
Acq: 3 Jun 2022 15:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 2259498
Ion Ratio Lower Upper
180 100
182 95.7 0.0 0.0
184 31.2 0.0 0.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

