

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060822\
 Data File : VL039251.D
 Acq On : 9 Jun 2022 1:45
 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 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

Quant Time: Jun 09 06:44:43 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 09 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	5.687	49	932887	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	7.195	114	2057773	10.000	ppbv	0.01
55) Chlorobenzene-d5	12.105	117	1868607	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.433 95 1888857 12.227 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 122.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.063	85	1084784	6.620	ppbv	96
3) Chlorodifluoromethane	3.005	51	1266865	10.673	ppbv	92
4) Chloromethane	3.160	50	642840	10.543	ppbv	99
5) Vinyl Chloride	3.272	62	669796	11.751	ppbv	98
6) Bromomethane	3.488	94	353295	12.600	ppbv	99
7) Chloroethane	3.575	64	267356	13.462	ppbv	100
8) Dichlorotetrafluoroethane	3.205	85	1784179	11.914	ppbv	96
9) Propene	3.028	41	422646	8.166	ppbv	99
10) Heptane	8.140	43	1121721	9.290	ppbv	100
11) Trichlorofluoromethane	3.970	101	2189063	14.759	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.504	101	1410242	14.377	ppbv	100
13) Ethanol	3.610	45	38014	13.468	ppbv #	100
14) Bromoethene	3.755	108	587472	13.323	ppbv #	98
15) Acetone	3.861	43	1464791	15.073	ppbv	97
16) 1,3-Butadiene	3.346	39	632373	12.105	ppbv	98
17) tert-Butyl alcohol	4.301	59	1064010	14.116	ppbv	100
18) 1,1-Dichloroethene	4.308	96	649334	14.757	ppbv	90
19) Isopropyl Alcohol	3.973	45	593944	13.031	ppbv #	95
20) Methylene Chloride	4.362	84	532834	13.011	ppbv	98
21) Allyl Chloride	4.427	41	944886	14.414	ppbv	96
22) trans-1,2-Dichloroethene	4.903	96	661455	15.624	ppbv	97
23) Vinyl Acetate	5.089	43	1007200	12.527	ppbv	99
24) 1,1-Dichloroethane	5.028	63	1408673	12.787	ppbv	100
25) Ethyl Acetate	5.690	43	2244399	10.247	ppbv	99
26) Hexane	5.706	57	917794	9.535	ppbv	91
27) Carbon Disulfide	4.568	76	1545875	15.496	ppbv	99
28) Methyl tert-Butyl Ether	5.050	73	1263619	11.892	ppbv	98
29) Chloroform	5.771	83	1773927	10.953	ppbv	98
30) Cyclohexane	7.150	84	700181	8.659	ppbv	94
31) cis-1,2-Dichloroethene	5.568	61	1016018	10.353	ppbv	91
32) 1,1,1-Trichloroethane	6.529	97	1883392	11.884	ppbv	98
34) 2-Butanone	5.259	43	1394740	12.476	ppbv	96
35) Carbon Tetrachloride	7.037	117	2096214	13.957	ppbv	99
36) Benzene	6.912	78	1751041	10.482	ppbv #	95
37) 1,2-Dichloroethane	6.324	62	1561319	14.201	ppbv #	96
38) Trichloroethene	7.854	130	901688	11.751	ppbv	96
39) 1,2-Dichloropropane	7.629	63	670136	10.085	ppbv #	83
40) 1,4-Dioxane	7.848	88	248951	11.380	ppbv #	1
41) Tetrahydrofuran	6.063	42	693389	10.313	ppbv	99
42) Bromodichloromethane	7.812	83	2008806	13.165	ppbv	98
43) Methyl Methacrylate	8.034	69	754871	11.600	ppbv	95
44) 2,2,4-Trimethylpentane	7.886	57	3047194	10.427	ppbv	94
45) t-1,3-Dichloropropene	9.295	75	963205	14.213	ppbv	97

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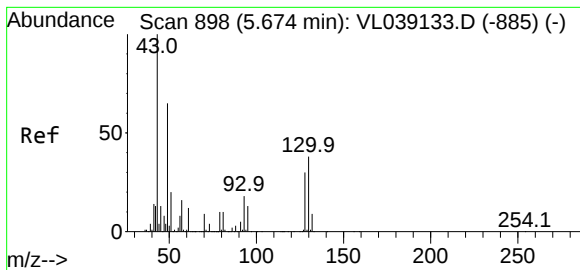
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 09 2022

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

Response via : Initial Calibration

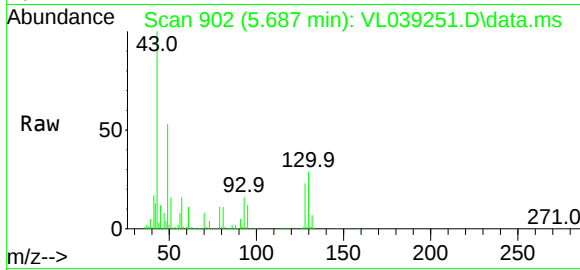
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.722	75	1123795	12.552	ppbv	90
47) 1,1,2-Trichloroethane	9.494	97	763674	11.016	ppbv	98
48) Dibromochloromethane	10.320	129	1619261	13.081	ppbv	99
49) Bromoform	13.060	173	1319449	12.791	ppbv	98
50) 4-Methyl-2-Pentanone	8.758	43	2017765	12.058	ppbv	97
51) 2-Hexanone	10.147	43	1606419	12.337	ppbv #	92
52) Tetrachloroethene	11.243	164	682094	10.457	ppbv	88
53) Toluene	9.825	91	2119197	11.016	ppbv	98
54) 1,2-Dibromoethane	10.629	107	1137228	12.208	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.143	131	1107482	12.525	ppbv	96
57) Chlorobenzene	12.166	112	1604832	11.414	ppbv	95
58) Ethyl Benzene	12.729	91	3039461	11.809	ppbv	96
59) m/p-Xylene	13.015	91	5694909m	25.125	ppbv	
60) o-Xylene	13.709	91	2821782	13.249	ppbv	95
61) Styrene	13.545	104	1433145	12.566	ppbv	96
62) Isopropylbenzene	14.683	105	4020079	12.699	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.693	83	1443518	12.075	ppbv	100
64) n-propylbenzene	15.581	120	998623	12.833	ppbv	91
65) tert-Butylbenzene	16.761	119	3839910	13.265	ppbv	93
66) Benzyl Chloride	17.005	91	654254	17.382	ppbv	97
67) sec-Butylbenzene	17.310	105	5333429	13.504	ppbv	99
69) p-Isopropyltoluene	17.667	119	4501635	13.509	ppbv	97
70) n-Butylbenzene	18.564	91	4735802	13.846	ppbv	98
71) 2-Chlorotoluene	15.468	91	3126303	12.951	ppbv	98
72) 4-Ethyltoluene	15.854	105	3252569	13.030	ppbv	97
73) 1,3,5-Trimethylbenzene	16.011	105	3036197	13.486	ppbv	96
74) 1,2,4-Trimethylbenzene	16.780	105	3470063	13.811	ppbv	94
75) 1,3-Dichlorobenzene	17.015	146	1878576	13.210	ppbv	98
76) 1,4-Dichlorobenzene	17.156	146	1856978	13.087	ppbv	97
77) 1,2-Dichlorobenzene	17.828	146	1822086	12.712	ppbv	97
78) Hexachloro-1,3-Butadiene	23.387	225	1683869	12.847	ppbv	99
79) Naphthalene	22.214	128	2889630	14.940	ppbv	100
80) Naphthalene,2-methyl-	24.982	142	1070552	14.898	ppbv	93
81) 1,2,4-Trichlorobenzene	21.944	180	1621777	13.236	ppbv #	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.687 min Scan# 90
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

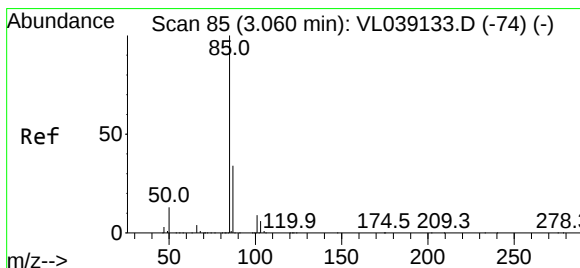
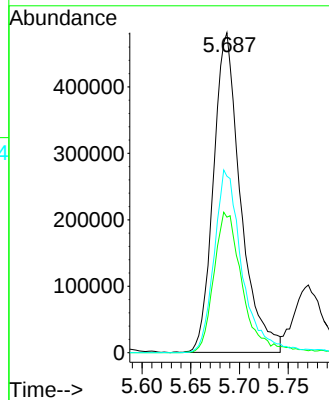
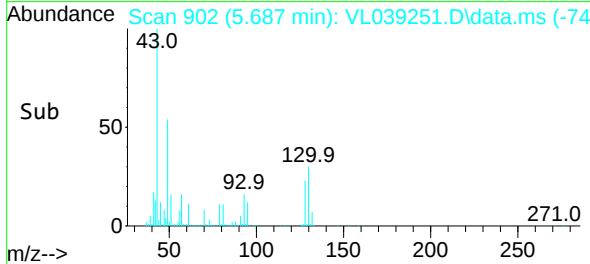
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



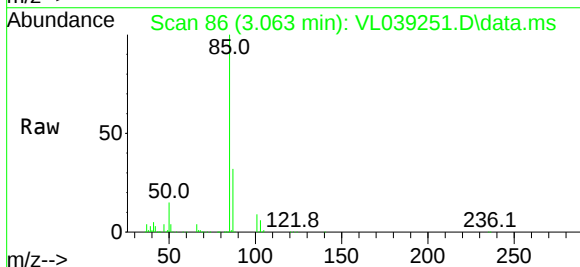
Tgt Ion: 49 Resp: 93288
Ion Ratio Lower Upper
49 100
128 47.2 24.7 74.1
130 60.0 31.4 94.0

Manual Integrations
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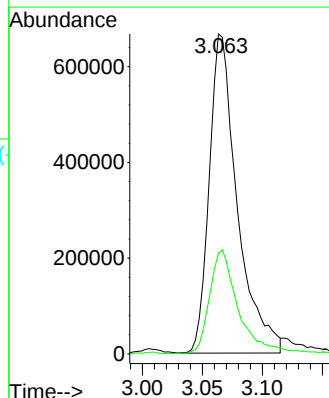
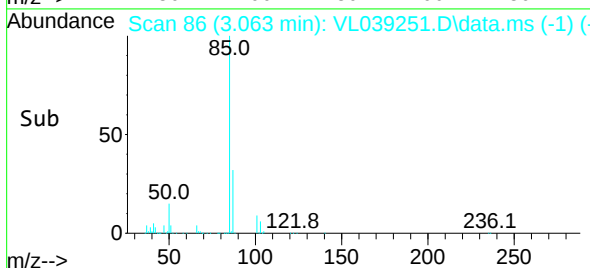
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

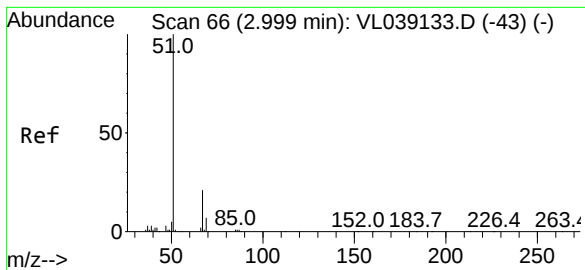


#2
Dichlorodifluoromethane
Concen: 6.620 ppbv
RT: 3.063 min Scan# 86
Delta R.T. 0.003 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45



Tgt Ion: 85 Resp: 1084784
Ion Ratio Lower Upper
85 100
87 31.5 26.9 40.3





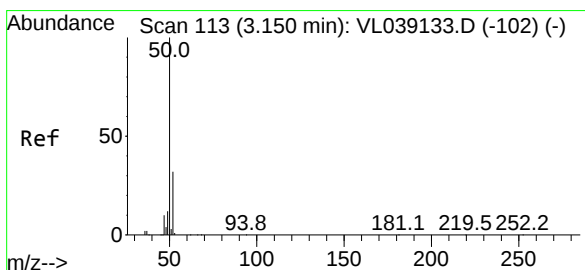
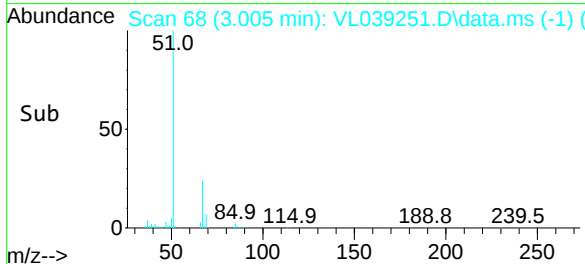
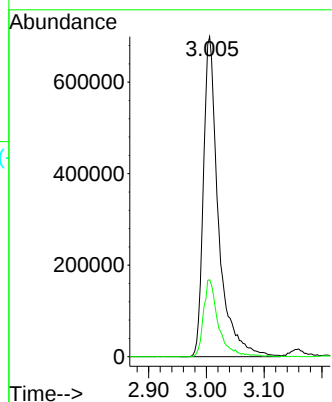
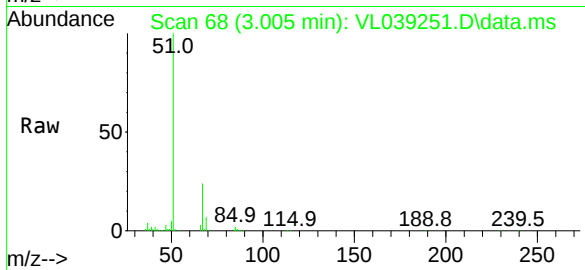
#3
Chlorodifluoromethane
Concen: 10.673 ppbv
RT: 3.005 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 126686
Ion Ratio Lower Upper
51 100
67 23.9 16.2 24.4

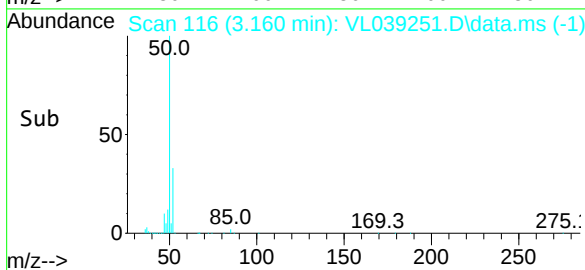
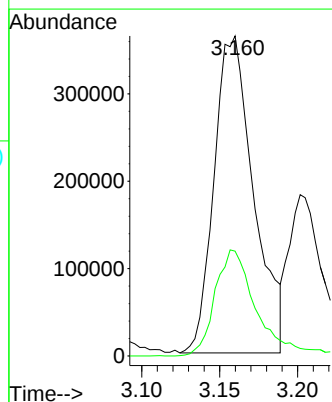
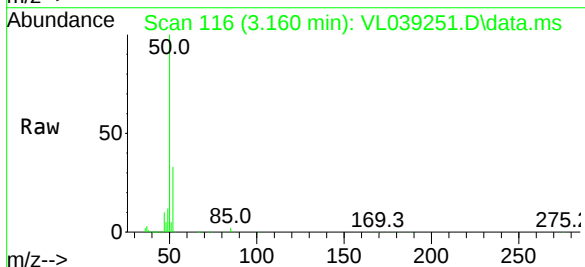
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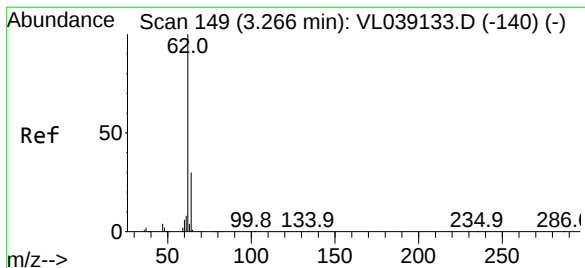
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#4
Chloromethane
Concen: 10.543 ppbv
RT: 3.160 min Scan# 116
Delta R.T. 0.010 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

Tgt Ion: 50 Resp: 642840
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9





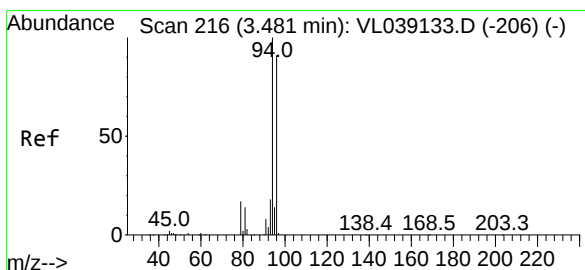
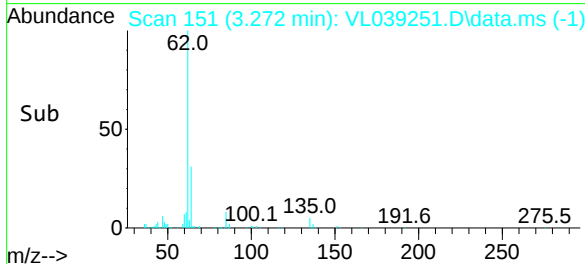
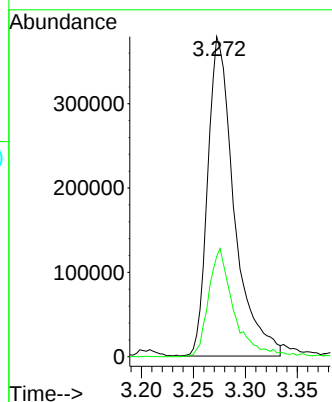
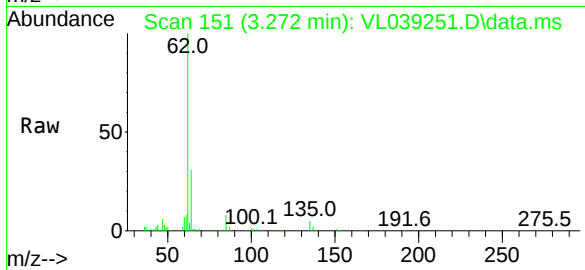
#5
 Vinyl Chloride
 Concen: 11.751 ppbv
 RT: 3.272 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VL039251.D
 Acq: 9 Jun 2022 1:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 669790
 Ion Ratio Lower Upper
 62 100
 64 31.4 24.2 36.2

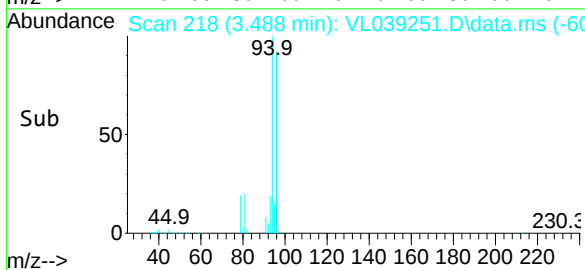
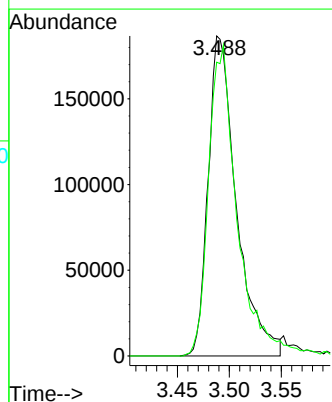
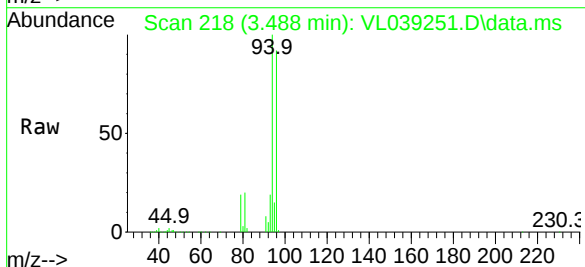
Manual Integrations
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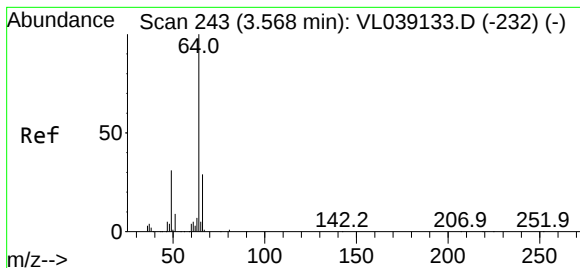
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#6
 Bromomethane
 Concen: 12.600 ppbv
 RT: 3.488 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VL039251.D
 Acq: 9 Jun 2022 1:45

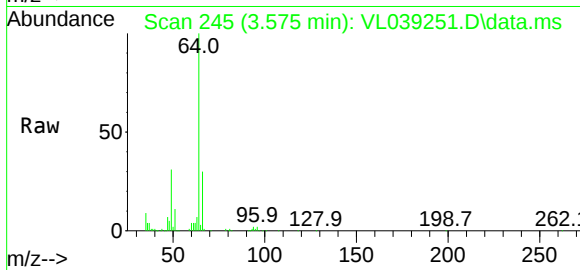
Tgt Ion: 94 Resp: 353295
 Ion Ratio Lower Upper
 94 100
 96 91.8 73.0 109.4





#7
Chloroethane
Concen: 13.462 ppbv
RT: 3.575 min Scan# 243
Delta R.T. 0.006 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

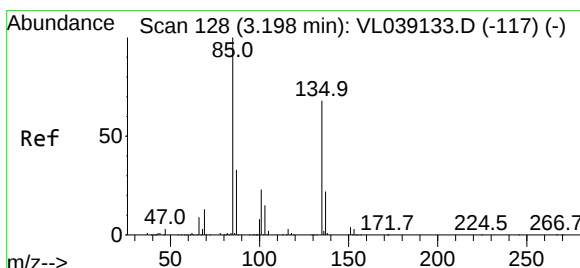
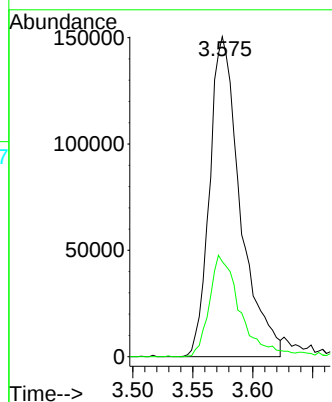
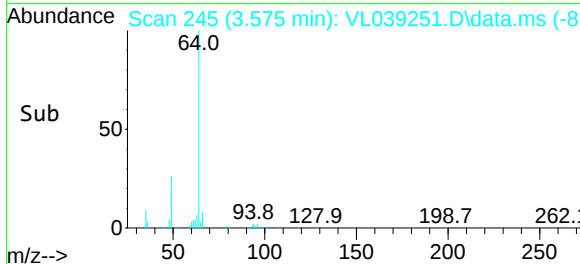
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 267350
Ion Ratio Lower Upper
64 100
66 29.7 23.6 35.4

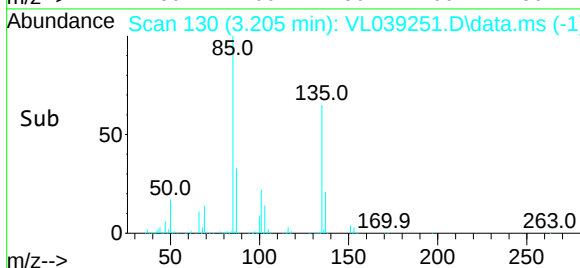
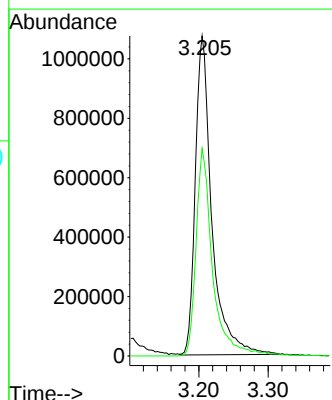
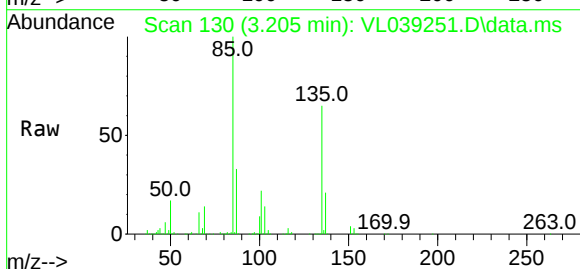
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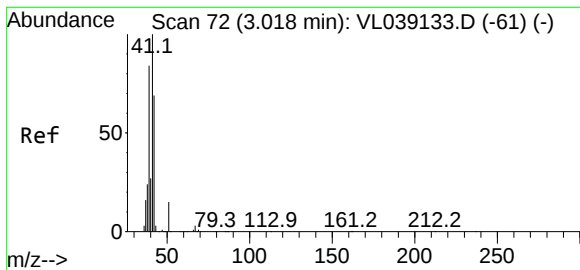
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#8
Dichlorotetrafluoroethane
Concen: 11.914 ppbv
RT: 3.205 min Scan# 130
Delta R.T. 0.006 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

Tgt Ion: 85 Resp: 1784179
Ion Ratio Lower Upper
85 100
135 65.6 55.0 82.4





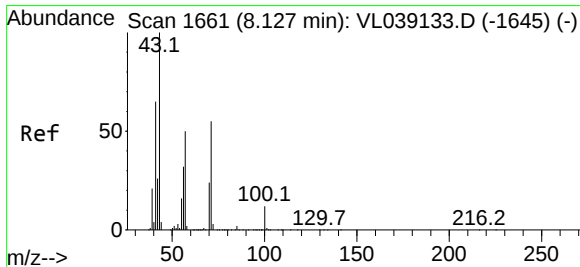
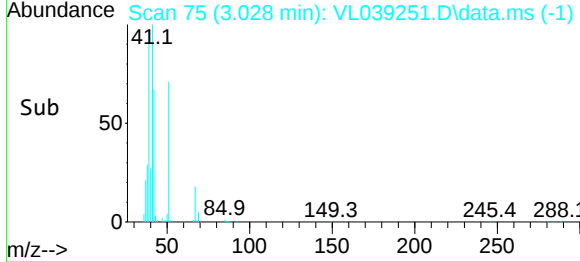
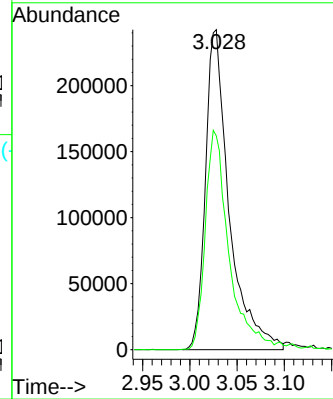
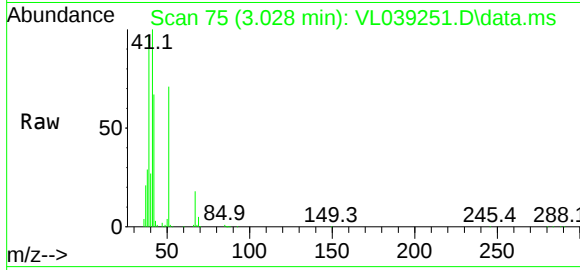
#9
 Propene
 Concen: 8.166 ppbv
 RT: 3.028 min Scan# 70
 Delta R.T. 0.010 min
 Lab File: VL039251.D
 Acq: 9 Jun 2022 1:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 422640
 Ion Ratio Lower Upper
 41 100
 42 70.1 55.4 83.2

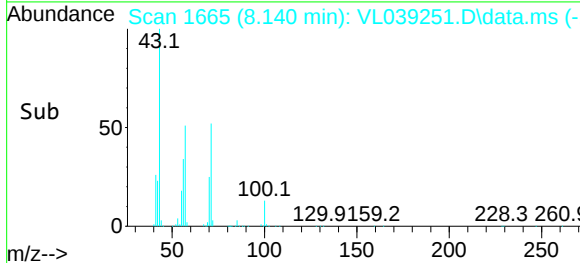
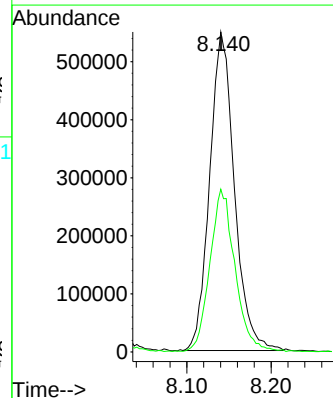
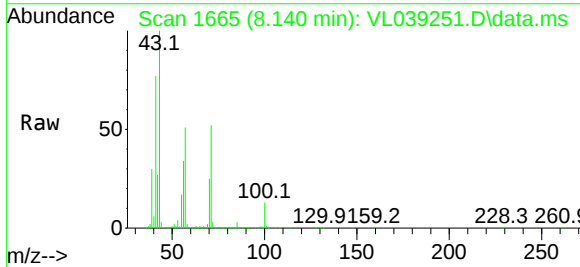
Manual Integrations
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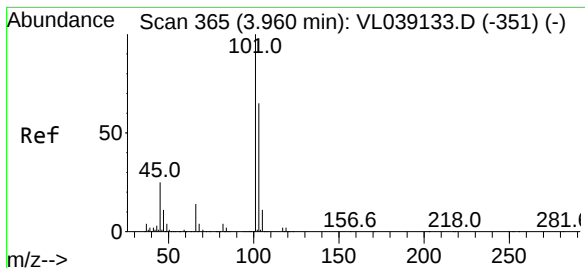
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#10
 Heptane
 Concen: 9.290 ppbv
 RT: 8.140 min Scan# 1665
 Delta R.T. 0.013 min
 Lab File: VL039251.D
 Acq: 9 Jun 2022 1:45

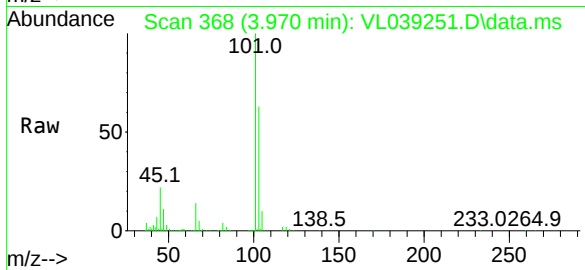
Tgt Ion: 43 Resp: 1121721
 Ion Ratio Lower Upper
 43 100
 57 51.7 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 14.759 ppbv
 RT: 3.970 min Scan# 30
 Delta R.T. 0.010 min
 Lab File: VL039251.D
 Acq: 9 Jun 2022 1:45

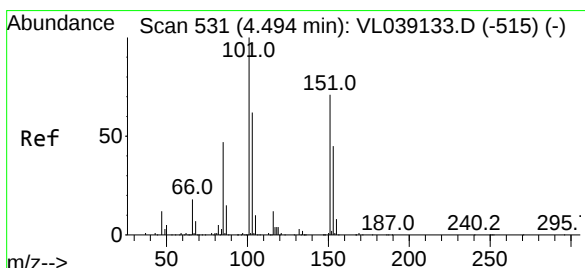
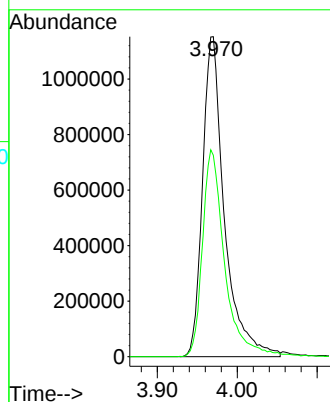
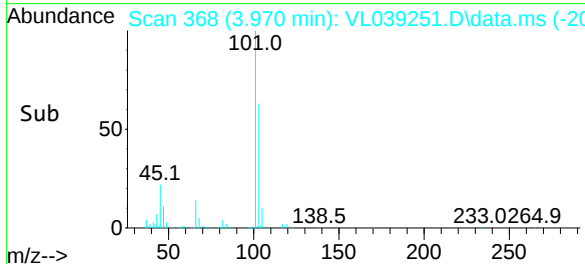
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:101 Resp: 218906
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.7 77.5

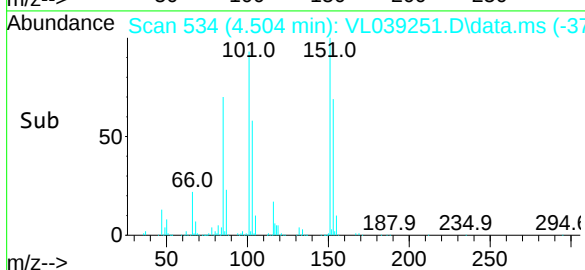
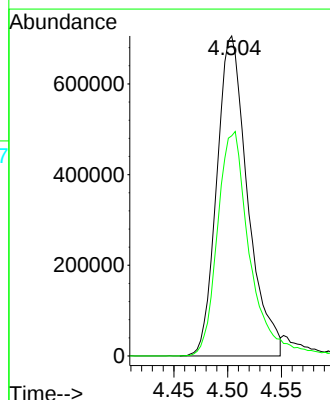
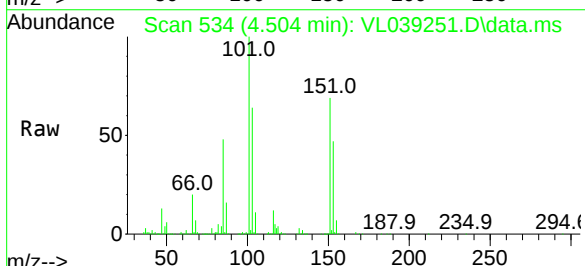
Manual Integrations
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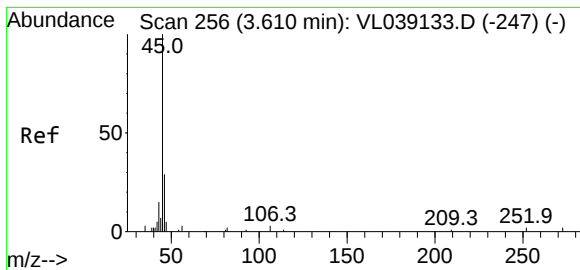
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 14.377 ppbv
 RT: 4.504 min Scan# 534
 Delta R.T. 0.010 min
 Lab File: VL039251.D
 Acq: 9 Jun 2022 1:45

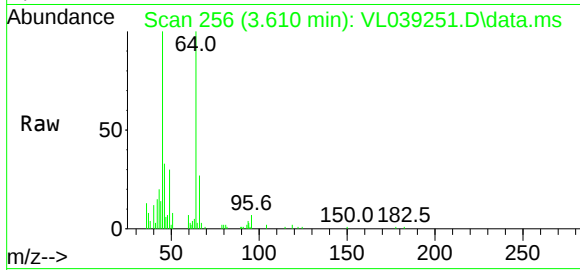
Tgt Ion:101 Resp: 1410242
 Ion Ratio Lower Upper
 101 100
 151 74.4 59.4 89.0





#13
Ethanol
Concen: 13.468 ppbv
RT: 3.610 min Scan# 210
Delta R.T. 0.000 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

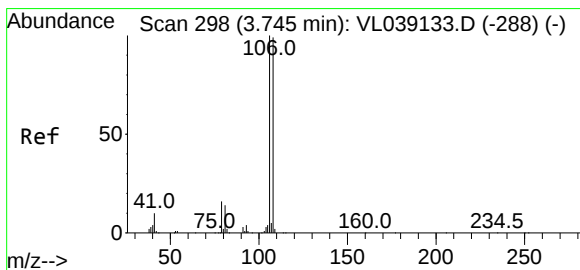
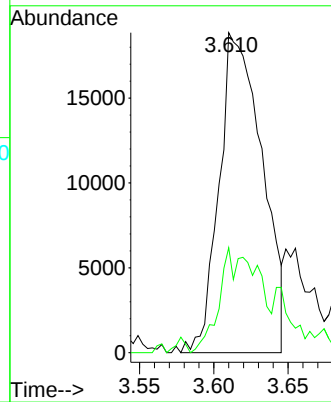
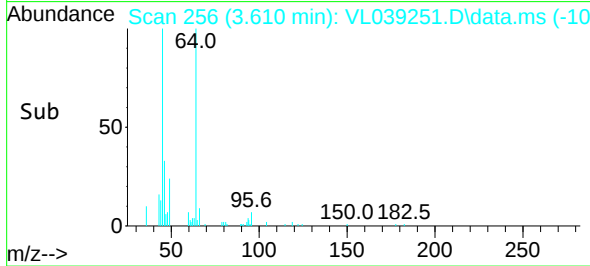
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



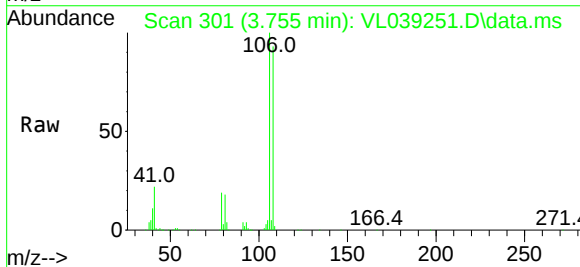
Tgt Ion: 45 Resp: 38014
Ion Ratio Lower Upper
45 100
46 43.0 0.0 0.0

Manual Integrations
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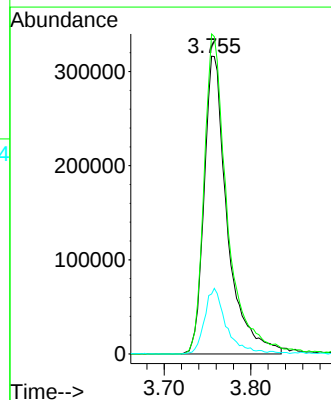
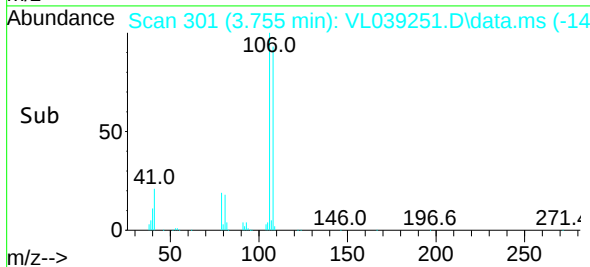
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

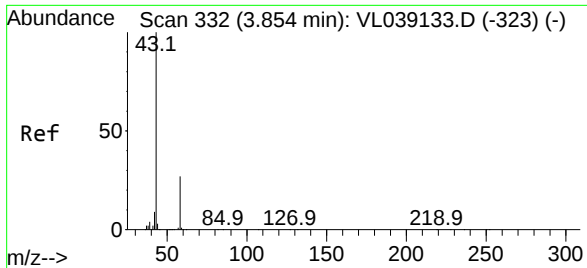


#14
Bromoethene
Concen: 13.323 ppbv
RT: 3.755 min Scan# 301
Delta R.T. 0.010 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45



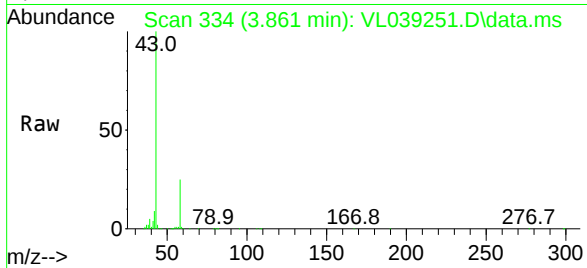
Tgt Ion:108 Resp: 587472
Ion Ratio Lower Upper
108 100
106 109.7 88.4 132.6
79 21.5 13.4 20.2





#15
Acetone
Concen: 15.073 ppbv
RT: 3.861 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

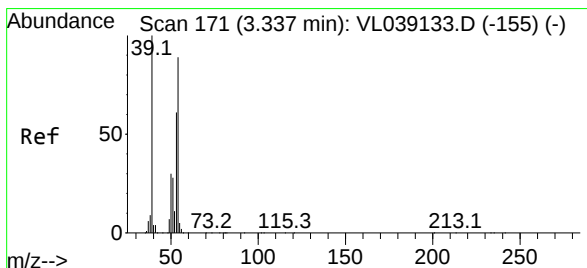
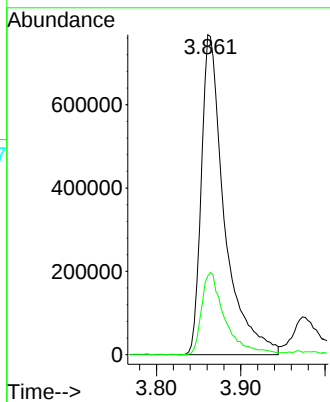
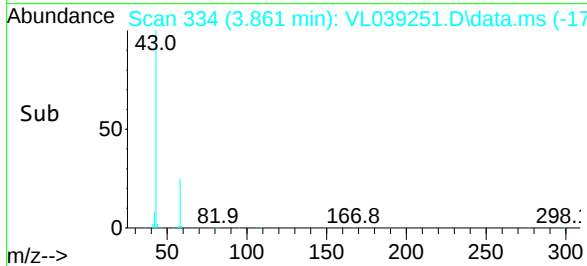
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 146479
Ion Ratio Lower Upper
43 100
58 26.3 22.5 33.7

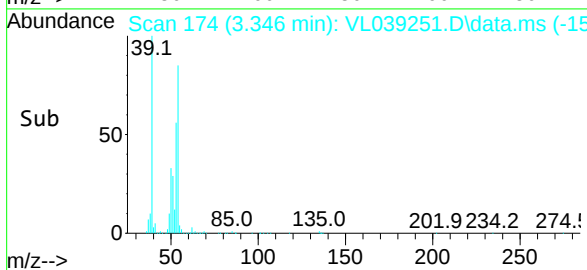
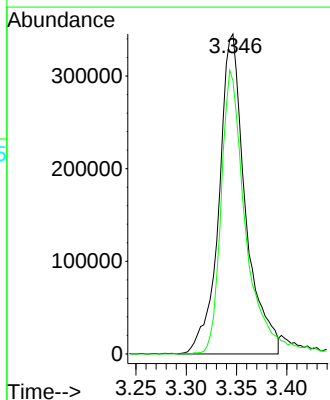
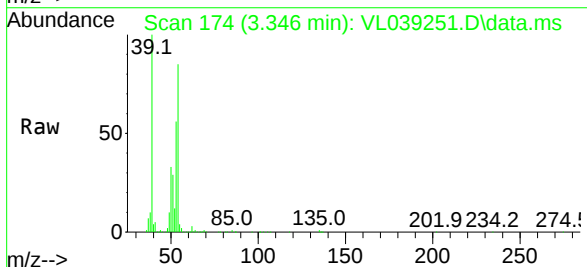
Manual Integrations
APPROVED

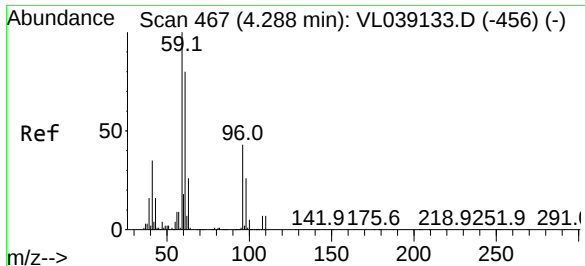
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#16
1,3-Butadiene
Concen: 12.105 ppbv
RT: 3.346 min Scan# 174
Delta R.T. 0.010 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

Tgt Ion: 39 Resp: 632373
Ion Ratio Lower Upper
39 100
54 84.3 65.8 98.6





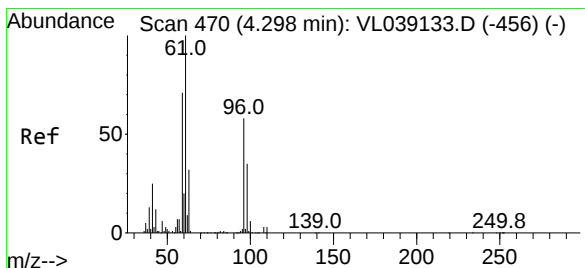
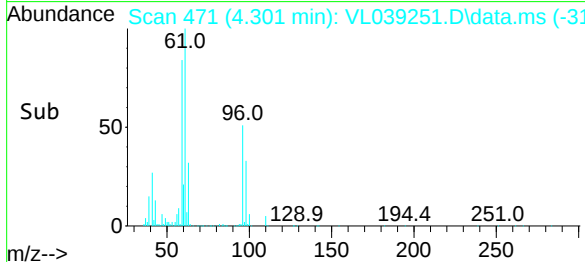
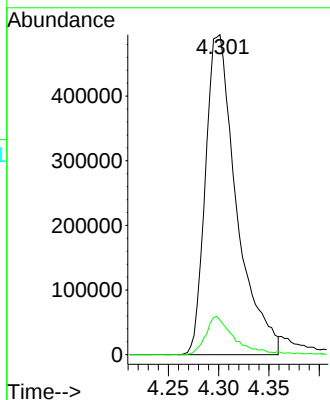
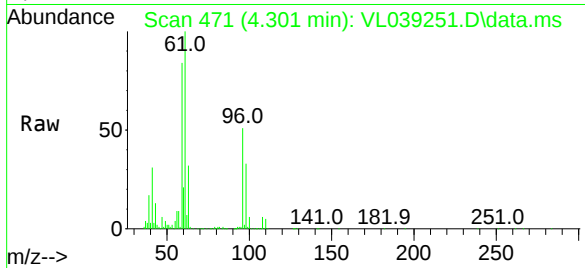
#17
tert-Butyl alcohol
Concen: 14.116 ppbv
RT: 4.301 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 1064010
Ion Ratio Lower Upper
59 100
57 11.3 9.1 13.7

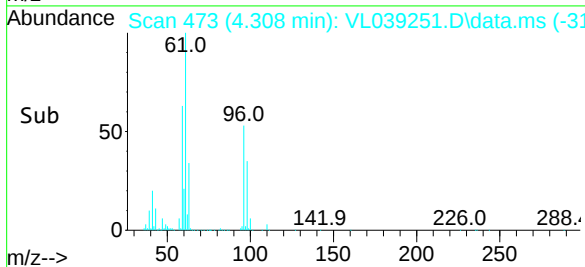
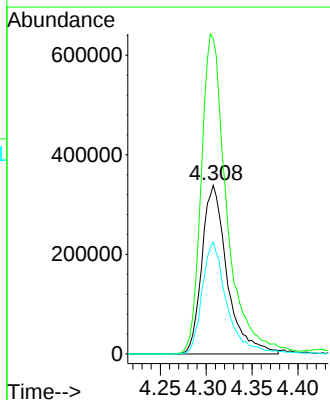
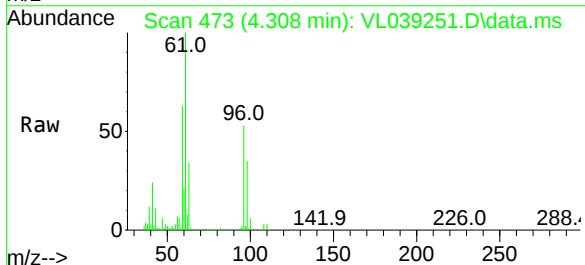
Manual Integrations
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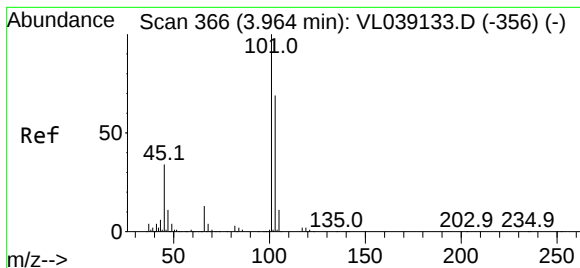
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#18
1,1-Dichloroethene
Concen: 14.757 ppbv
RT: 4.308 min Scan# 473
Delta R.T. 0.010 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

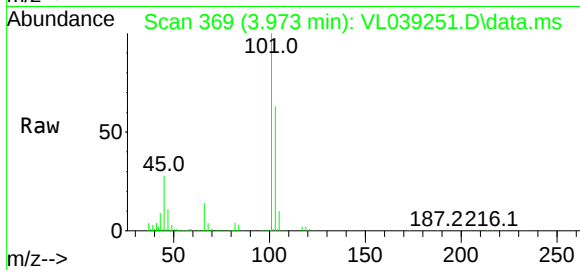
Tgt Ion: 96 Resp: 649334
Ion Ratio Lower Upper
96 100
61 186.6 138.4 207.6
98 66.3 47.8 71.8





#19
Isopropyl Alcohol
Concen: 13.031 ppbv
RT: 3.973 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

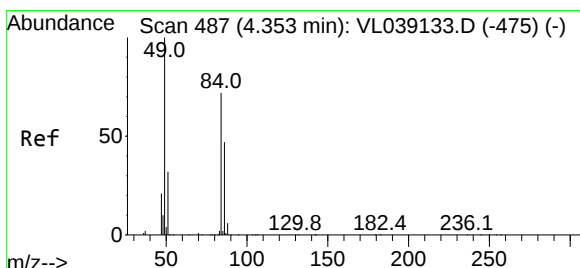
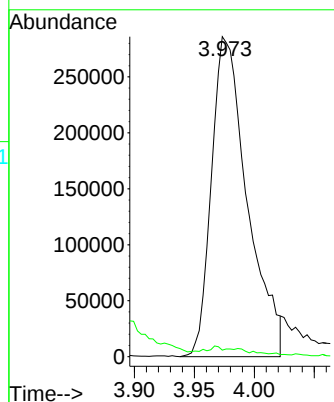
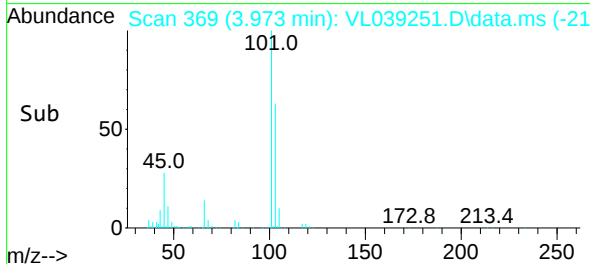
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



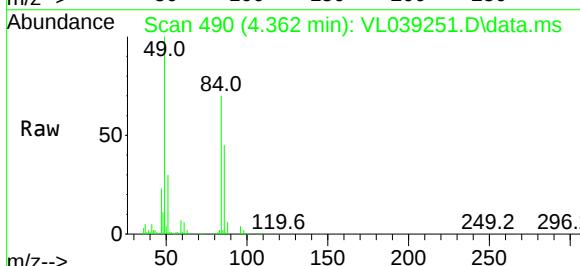
Tgt Ion: 45 Resp: 593944
Ion Ratio Lower Upper
45 100
58 4.1 1.8 2.8

Manual Integrations
APPROVED

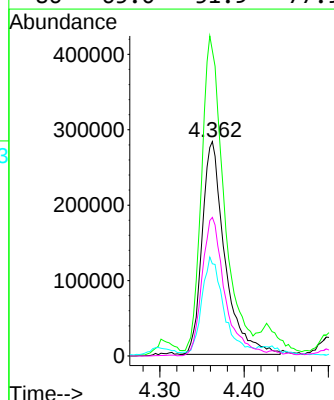
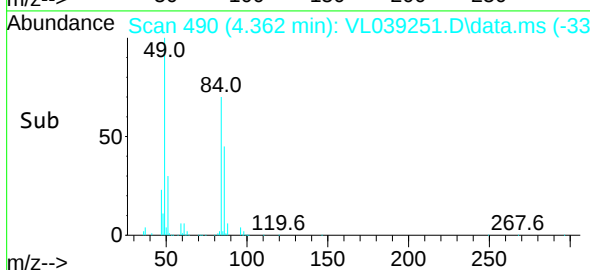
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

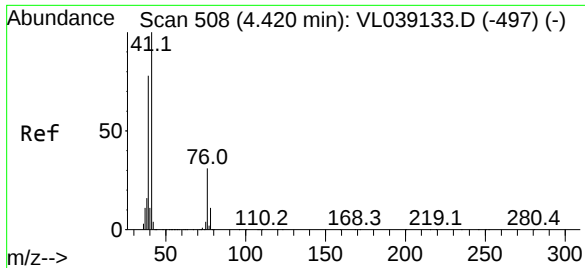


#20
Methylene Chloride
Concen: 13.011 ppbv
RT: 4.362 min Scan# 490
Delta R.T. 0.010 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45



Tgt Ion: 84 Resp: 532834
Ion Ratio Lower Upper
84 100
49 140.8 111.1 166.7
51 41.7 35.3 52.9
86 65.0 51.9 77.9





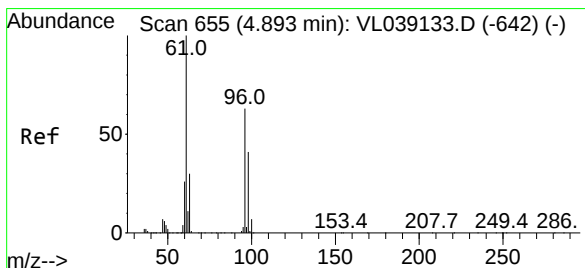
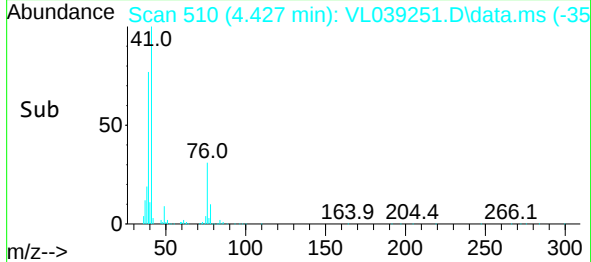
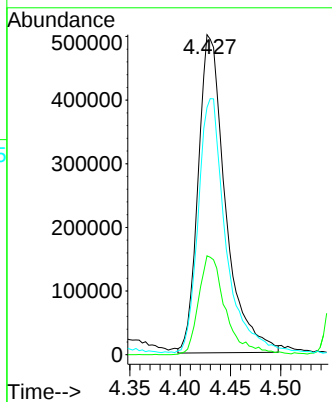
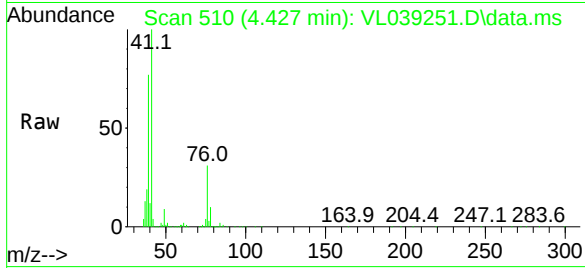
#21
 Allyl Chloride
 Concen: 14.414 ppbv
 RT: 4.427 min Scan# 510
 Delta R.T. 0.007 min
 Lab File: VL039251.D
 Acq: 9 Jun 2022 1:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 944880
 Ion Ratio Lower Upper
 41 100
 76 31.1 24.2 36.2
 39 81.6 62.2 93.2

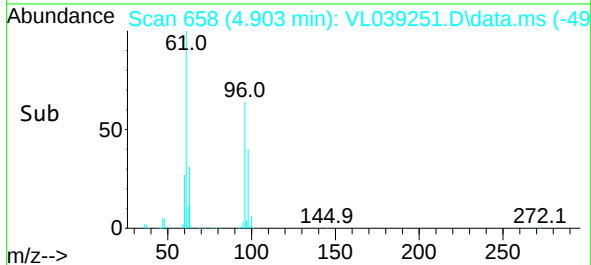
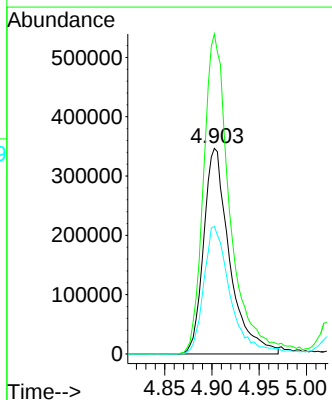
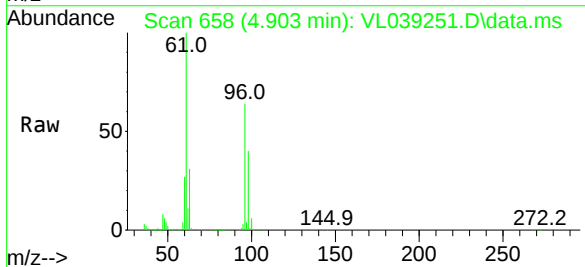
Manual Integrations
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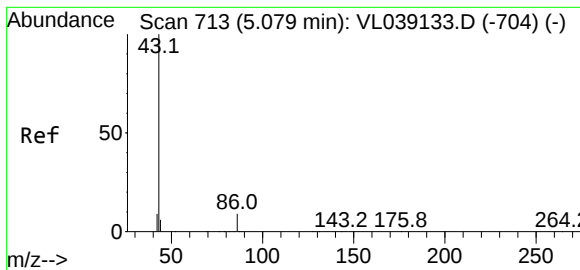
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#22
 trans-1,2-Dichloroethene
 Concen: 15.624 ppbv
 RT: 4.903 min Scan# 658
 Delta R.T. 0.010 min
 Lab File: VL039251.D
 Acq: 9 Jun 2022 1:45

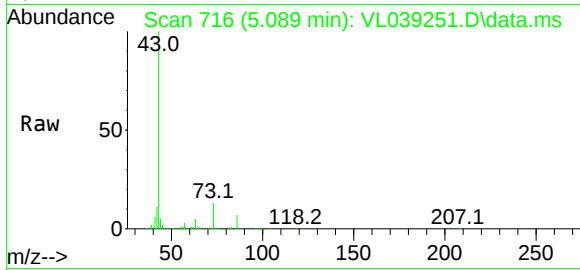
Tgt Ion: 96 Resp: 661455
 Ion Ratio Lower Upper
 96 100
 61 155.6 126.6 190.0
 98 61.9 52.5 78.7





#23
 Vinyl Acetate
 Concen: 12.527 ppbv
 RT: 5.089 min Scan# 713
 Delta R.T. 0.010 min
 Lab File: VL039251.D
 Acq: 9 Jun 2022 1:45

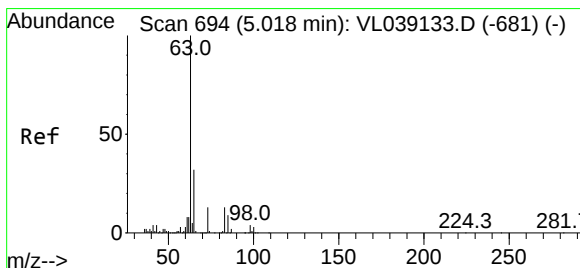
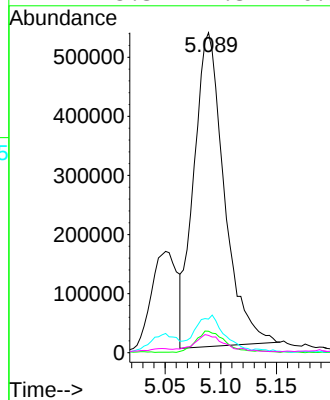
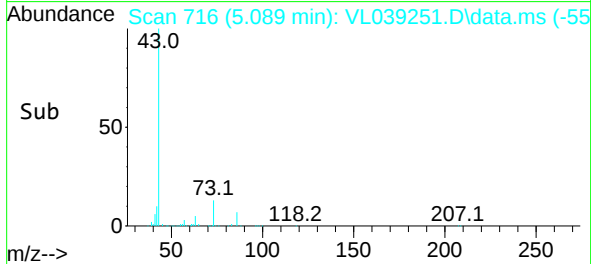
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 43 Resp: 1007200
 Ion Ratio Lower Upper
 43 100
 86 6.8 6.0 9.0
 42 10.4 8.2 12.4
 44 5.3 4.3 6.5

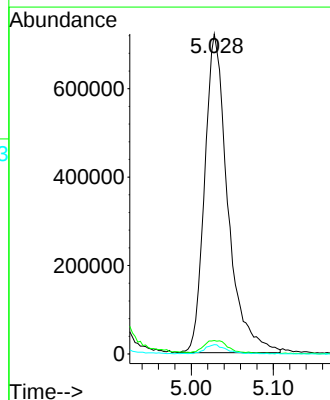
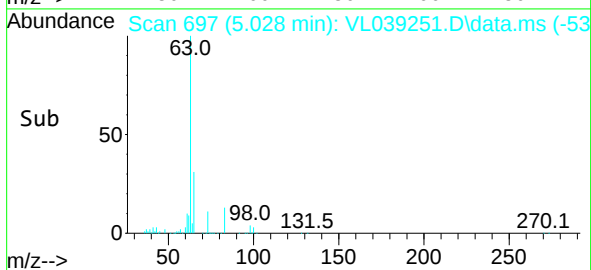
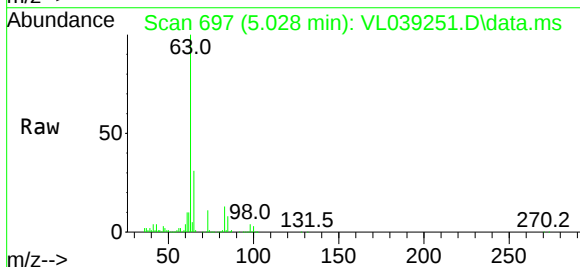
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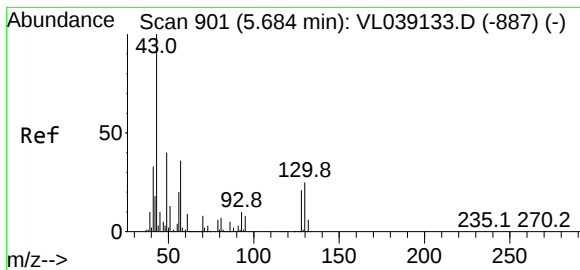
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#24
 1,1-Dichloroethane
 Concen: 12.787 ppbv
 RT: 5.028 min Scan# 697
 Delta R.T. 0.010 min
 Lab File: VL039251.D
 Acq: 9 Jun 2022 1:45

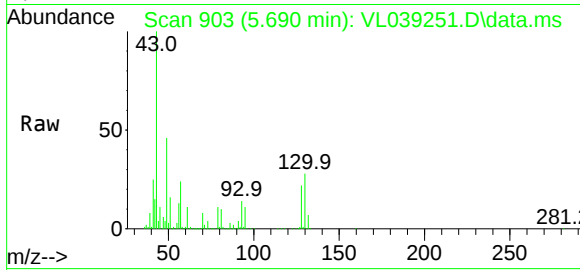
Tgt Ion: 63 Resp: 1408673
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.1 6.2
 100 2.9 1.5 4.5





#25
Ethyl Acetate
Concen: 10.247 ppbv
RT: 5.690 min Scan# 901
Delta R.T. 0.006 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

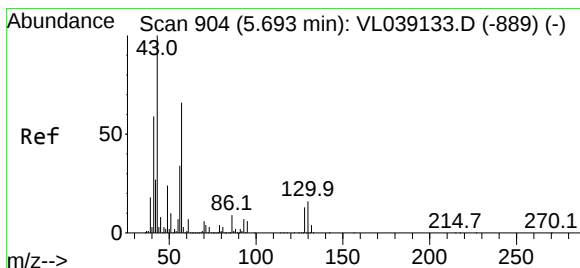
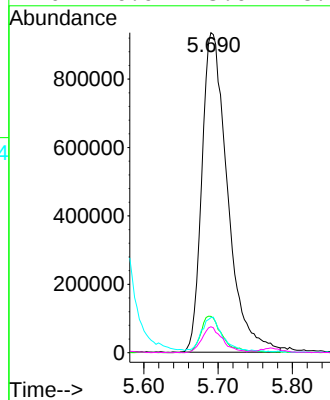
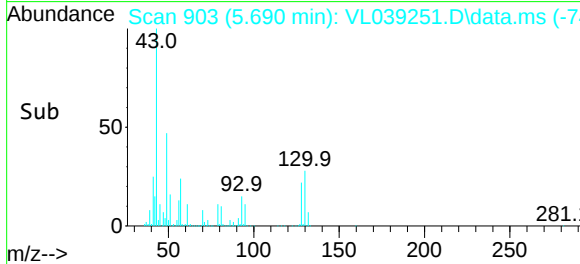
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



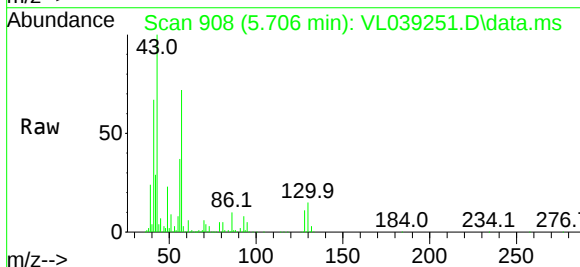
Tgt Ion: 43 Resp: 2244399
Ion Ratio Lower Upper
43 100
45 9.9 8.2 12.2
61 10.0 8.4 12.6
70 6.6 5.6 8.4

Manual Integrations
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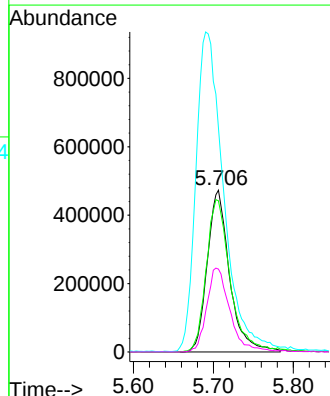
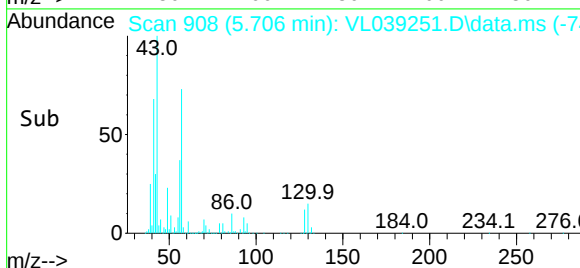
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

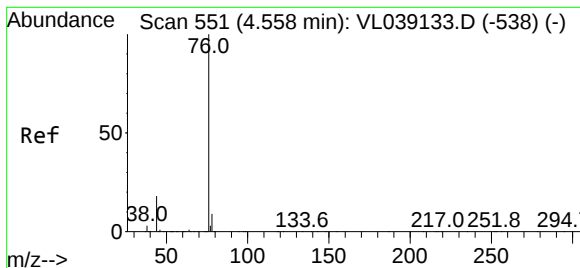


#26
Hexane
Concen: 9.535 ppbv
RT: 5.706 min Scan# 908
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45



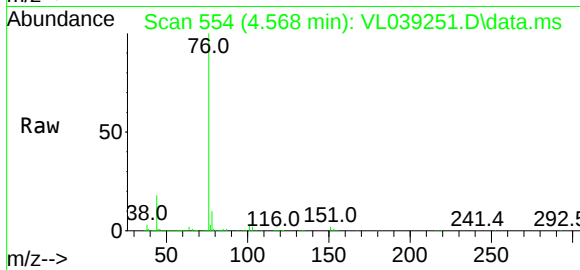
Tgt Ion: 57 Resp: 917794
Ion Ratio Lower Upper
57 100
41 102.6 72.4 108.6
43 247.8 187.0 280.6
56 54.4 41.8 62.6





#27
Carbon Disulfide
Concen: 15.496 ppbv
RT: 4.568 min Scan# 51
Delta R.T. 0.010 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

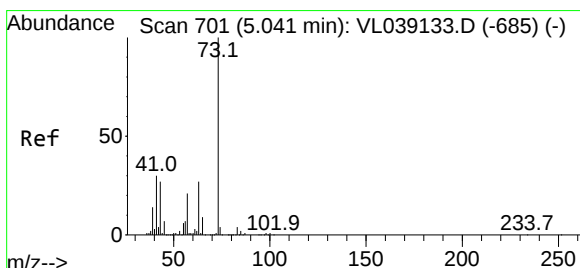
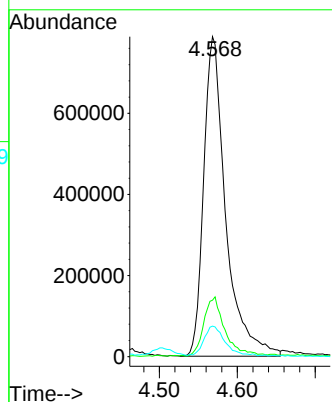
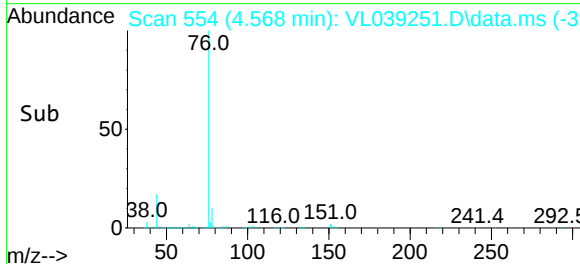
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 1545879
Ion Ratio Lower Upper
76 100
44 18.4 14.4 21.6
78 10.1 7.7 11.5

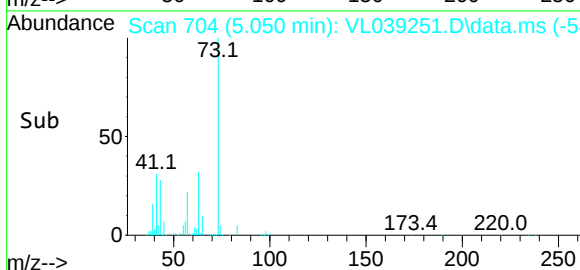
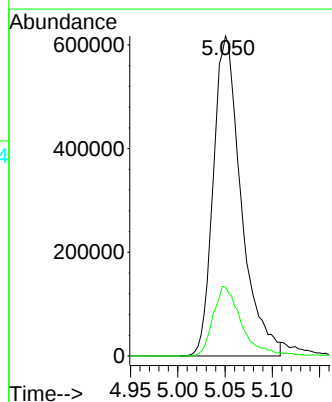
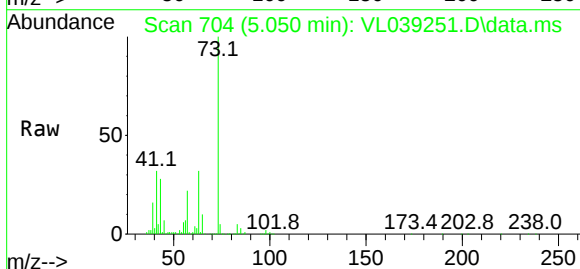
Manual Integrations
APPROVED

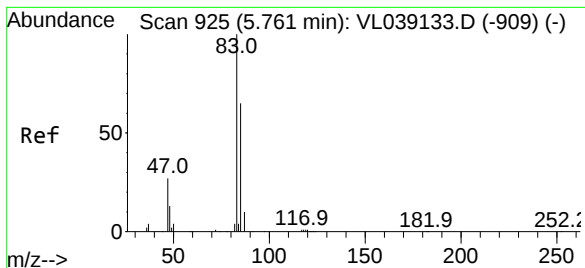
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#28
Methyl tert-Butyl Ether
Concen: 11.892 ppbv
RT: 5.050 min Scan# 704
Delta R.T. 0.010 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

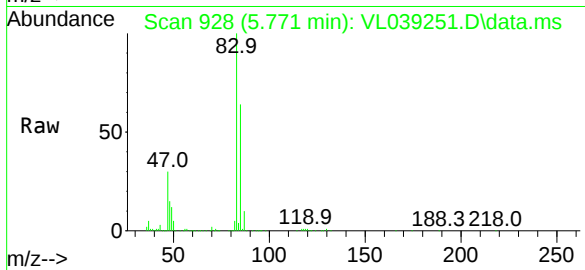
Tgt Ion: 73 Resp: 1263619
Ion Ratio Lower Upper
73 100
57 22.4 18.6 27.8





#29
Chloroform
Concen: 10.953 ppbv
RT: 5.771 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

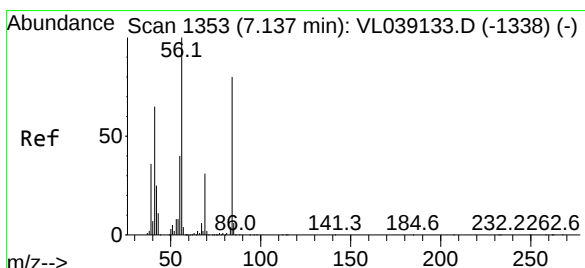
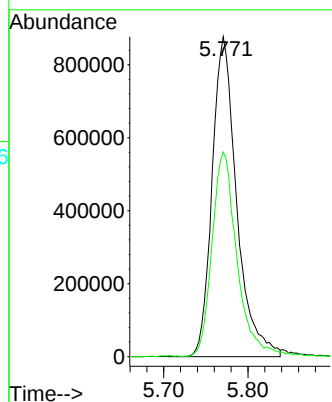
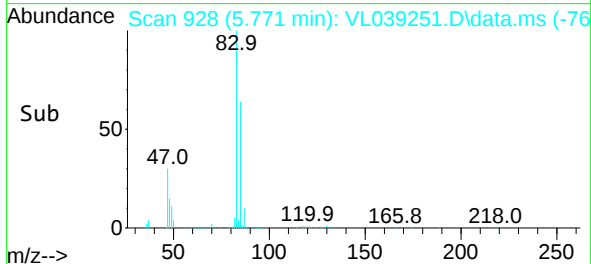
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



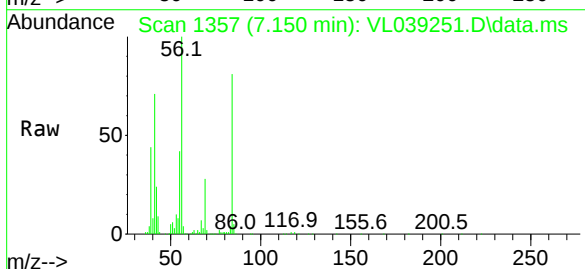
Tgt Ion: 83 Resp: 177392
Ion Ratio Lower Upper
83 100
85 63.8 52.4 78.6

Manual Integrations
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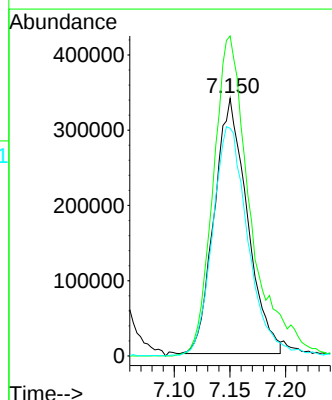
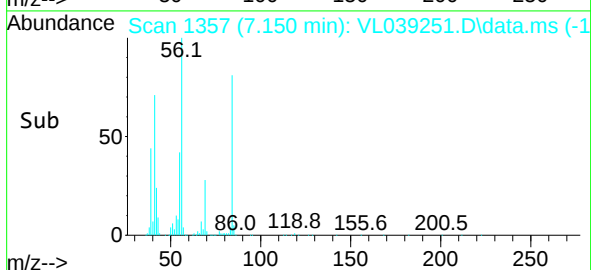
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

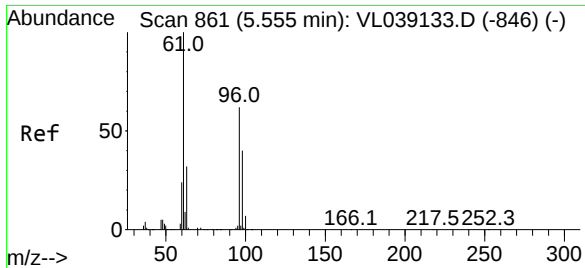


#30
Cyclohexane
Concen: 8.659 ppbv
RT: 7.150 min Scan# 1357
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45



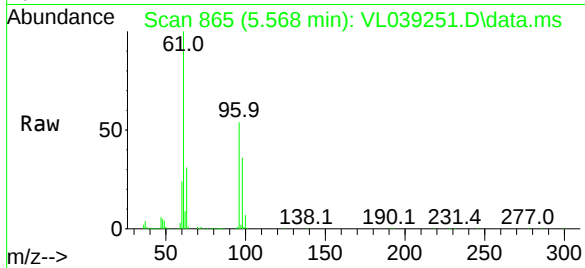
Tgt Ion: 84 Resp: 700181
Ion Ratio Lower Upper
84 100
56 142.0 110.6 165.8
41 96.8 68.9 103.3





#31
cis-1,2-Dichloroethene
Concen: 10.353 ppbv
RT: 5.568 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

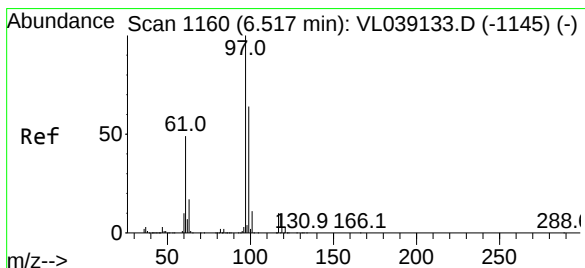
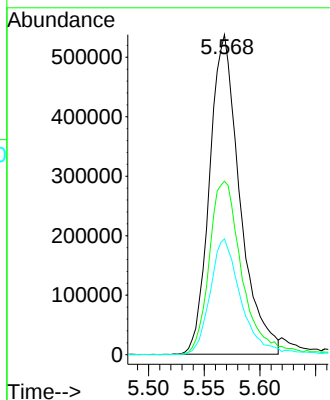
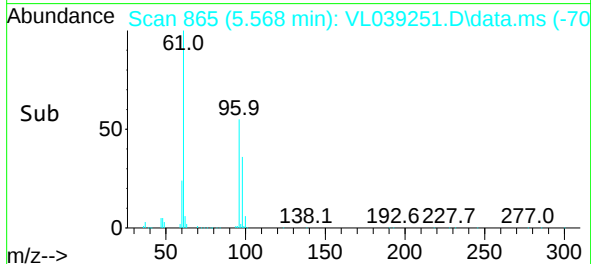
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



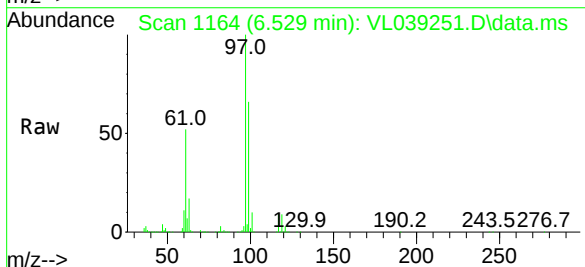
Tgt Ion: 61 Resp: 1016018
Ion Ratio Lower Upper
61 100
96 54.2 49.9 74.9
98 36.2 32.0 48.0

Manual Integrations
APPROVED

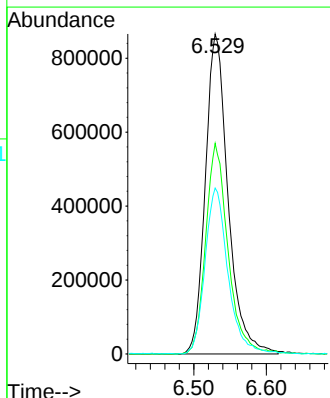
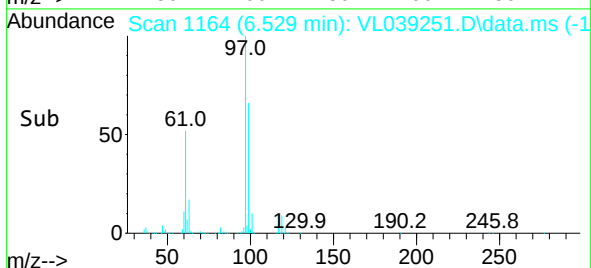
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

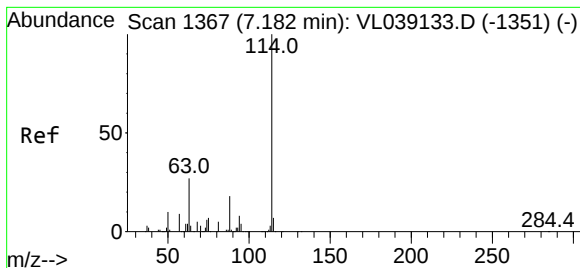


#32
1,1,1-Trichloroethane
Concen: 11.884 ppbv
RT: 6.529 min Scan# 1164
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45



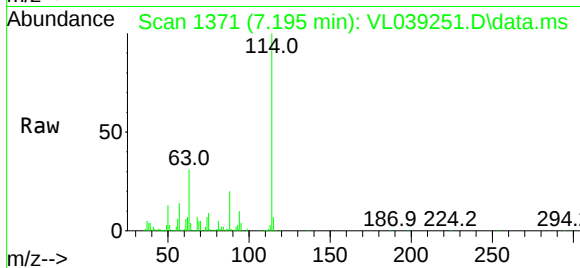
Tgt Ion: 97 Resp: 1883392
Ion Ratio Lower Upper
97 100
99 65.0 52.1 78.1
61 52.8 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.195 min Scan# 114
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

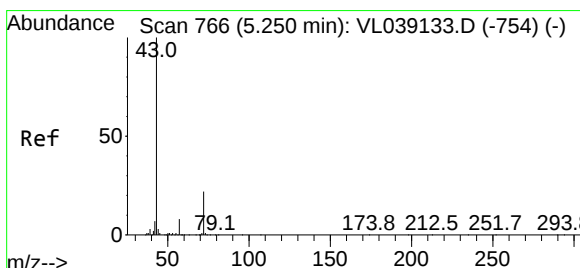
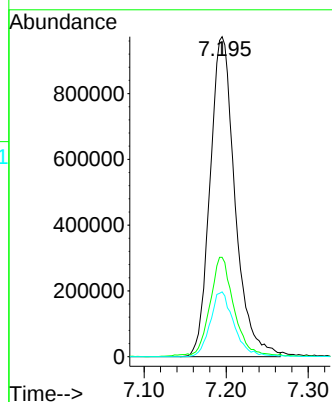
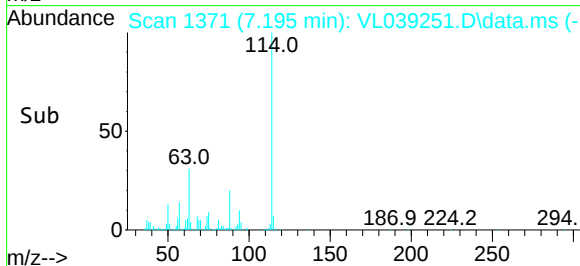
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



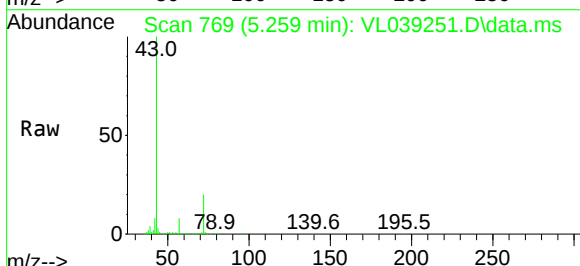
Tgt Ion:114 Resp: 205777
Ion Ratio Lower Upper
114 100
63 30.8 21.7 32.5
88 19.5 14.8 22.2

Manual Integrations
APPROVED

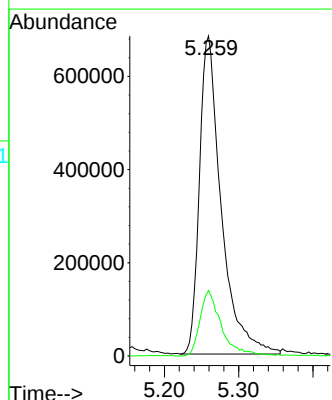
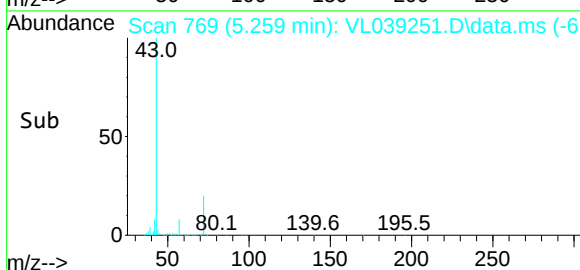
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

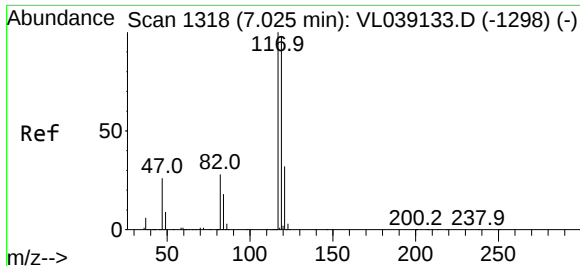


#34
2-Butanone
Concen: 12.476 ppbv
RT: 5.259 min Scan# 769
Delta R.T. 0.010 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45



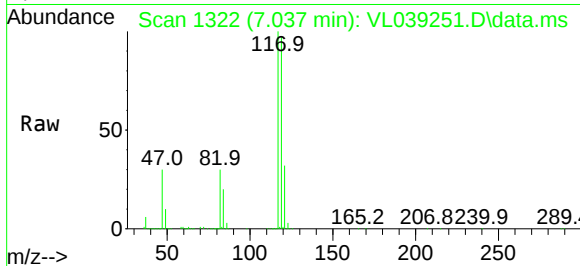
Tgt Ion: 43 Resp: 1394740
Ion Ratio Lower Upper
43 100
72 20.7 18.2 27.2





#35
Carbon Tetrachloride
Concen: 13.957 ppbv
RT: 7.037 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

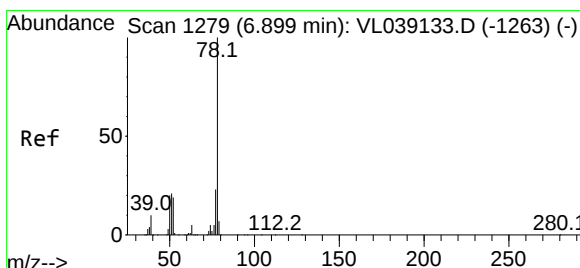
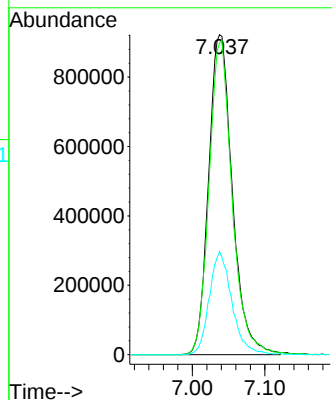
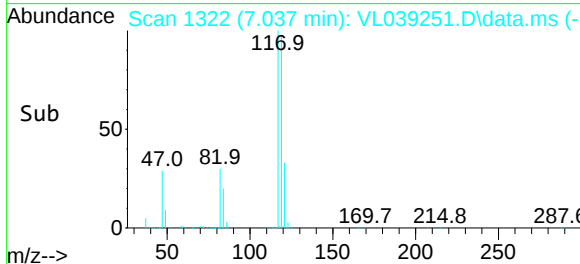
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



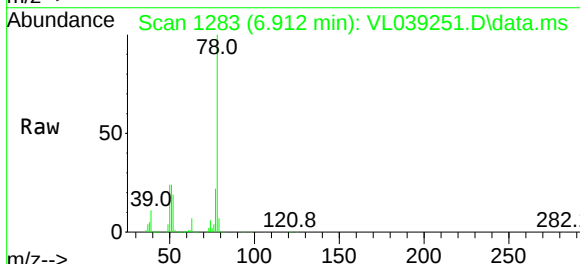
Tgt Ion:117 Resp: 2096214
Ion Ratio Lower Upper
117 100
119 97.3 78.6 118.0
121 32.2 25.4 38.0

Manual Integrations
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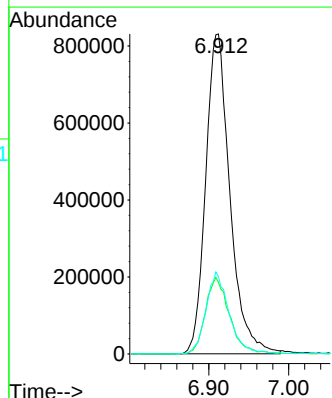
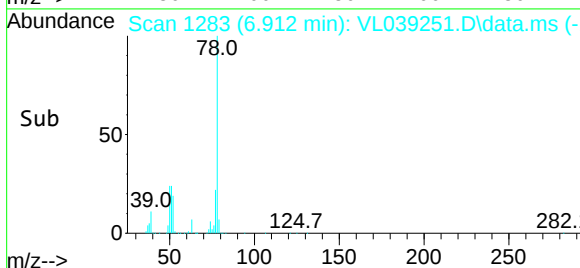
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

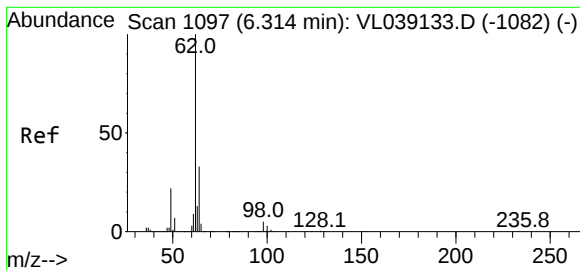


#36
Benzene
Concen: 10.482 ppbv
RT: 6.912 min Scan# 1283
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45



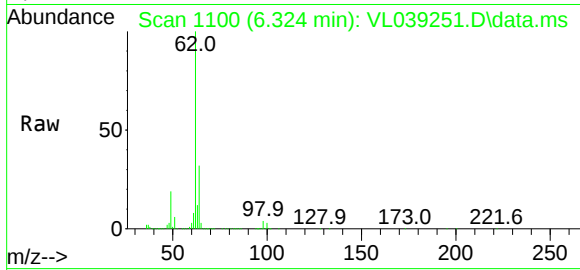
Tgt Ion: 78 Resp: 1751041
Ion Ratio Lower Upper
78 100
77 22.3 18.6 27.8
50 24.0 15.8 23.8#





#37
1,2-Dichloroethane
Concen: 14.201 ppbv
RT: 6.324 min Scan# 1100
Delta R.T. 0.010 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

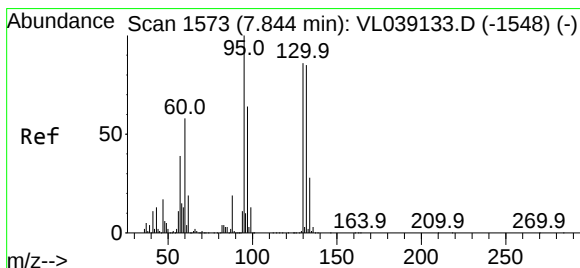
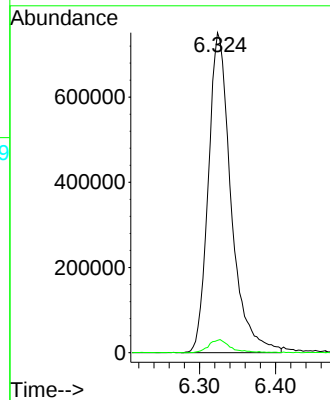
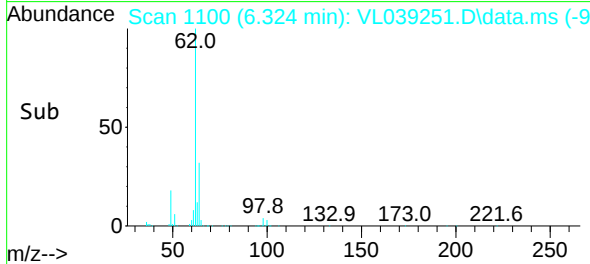
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 1561319
Ion Ratio Lower Upper
62 100
98 4.0 4.3 6.5

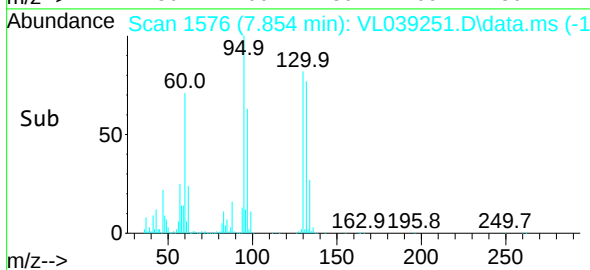
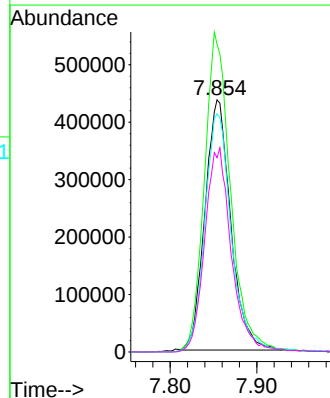
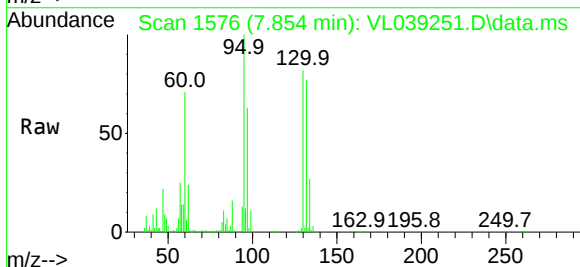
Manual Integrations
APPROVED

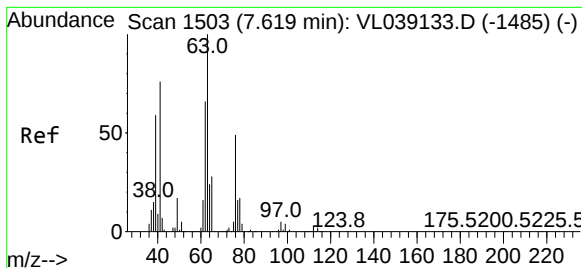
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#38
Trichloroethene
Concen: 11.751 ppbv
RT: 7.854 min Scan# 1576
Delta R.T. 0.010 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

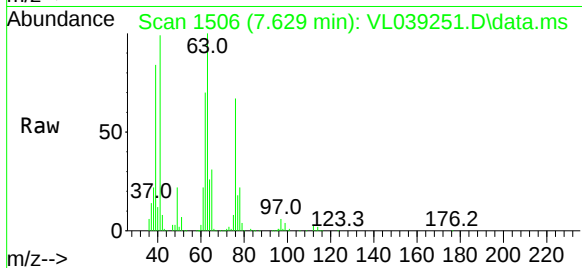
Tgt Ion:130 Resp: 901688
Ion Ratio Lower Upper
130 100
95 122.2 93.3 139.9
132 94.9 79.0 118.4
97 77.2 59.4 89.2





#39
1,2-Dichloropropane
Concen: 10.085 ppbv
RT: 7.629 min Scan# 1506
Delta R.T. 0.010 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

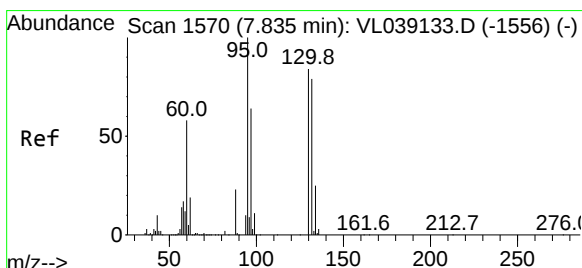
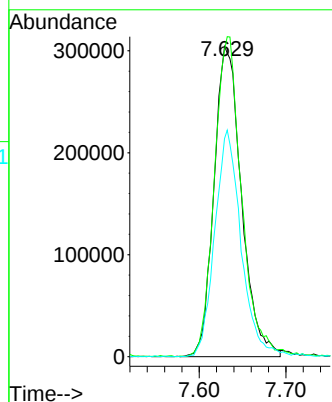
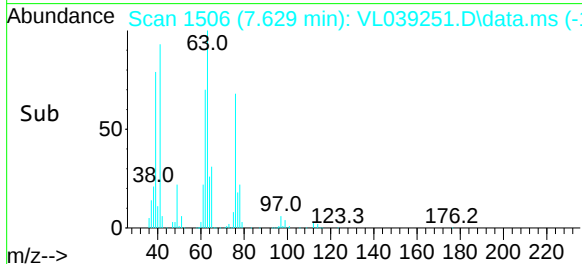
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



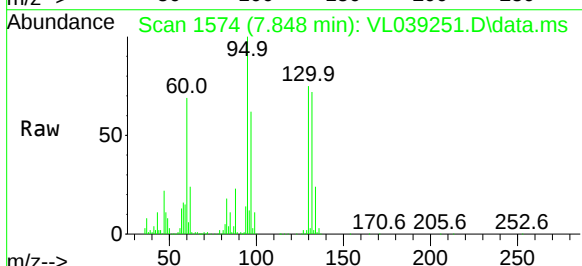
Tgt Ion: 63 Resp: 670130
Ion Ratio Lower Upper
63 100
41 98.6 60.8 91.2
62 70.3 52.9 79.3

Manual Integrations
APPROVED

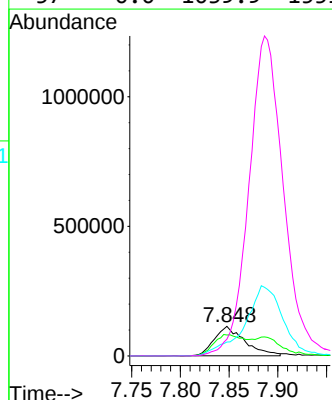
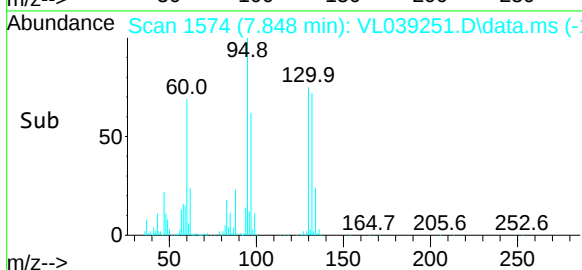
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

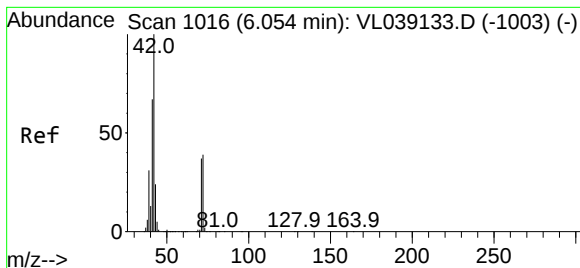


#40
1,4-Dioxane
Concen: 11.380 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45



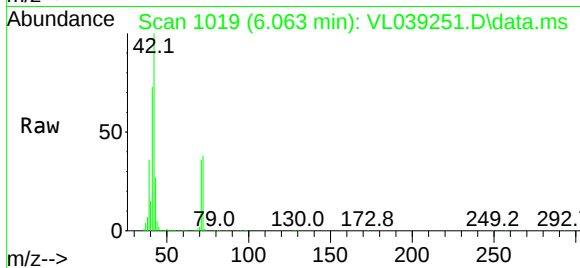
Tgt Ion: 88 Resp: 248951
Ion Ratio Lower Upper
88 100
58 135.9 111.2 166.8
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 10.313 ppbv
RT: 6.063 min Scan# 1016
Delta R.T. 0.010 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

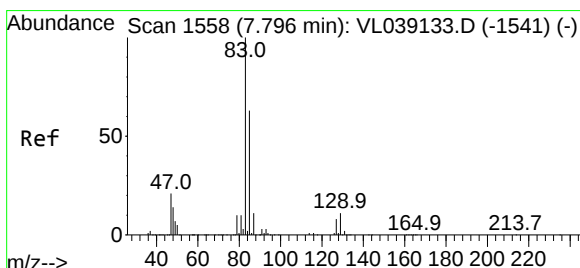
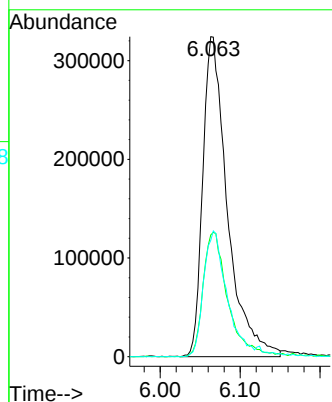
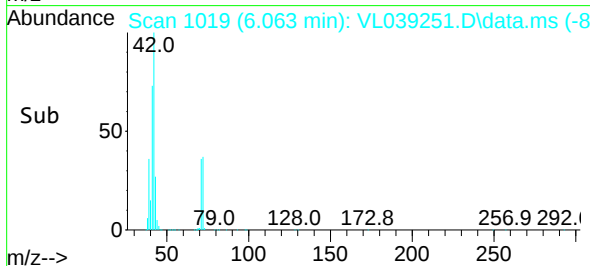
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



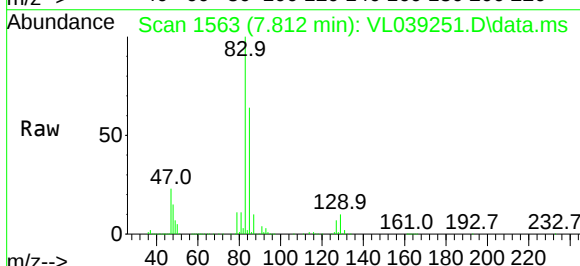
Tgt Ion: 42 Resp: 693389
Ion Ratio Lower Upper
42 100
72 39.9 32.0 48.0
71 39.5 31.1 46.7

Manual Integrations
APPROVED

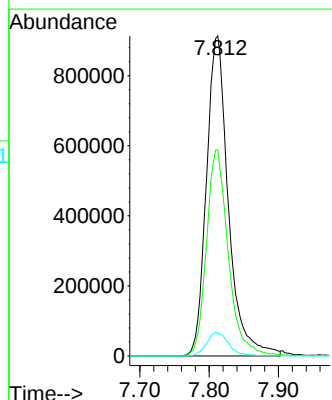
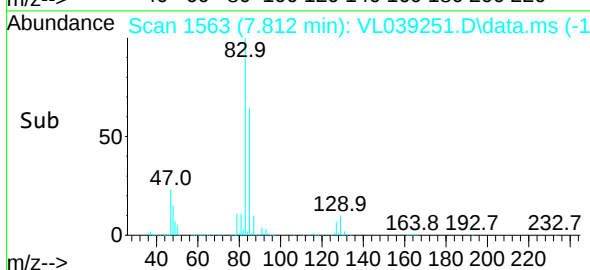
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

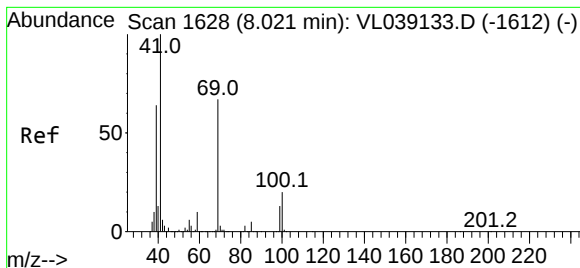


#42
Bromodichloromethane
Concen: 13.165 ppbv
RT: 7.812 min Scan# 1563
Delta R.T. 0.016 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45



Tgt Ion: 83 Resp: 2008806
Ion Ratio Lower Upper
83 100
85 64.4 50.2 75.4
127 7.2 6.6 9.8





#43

Methyl Methacrylate

Concen: 11.600 ppbv

RT: 8.034 min Scan# 1

Delta R.T. 0.013 min

Lab File: VL039251.D

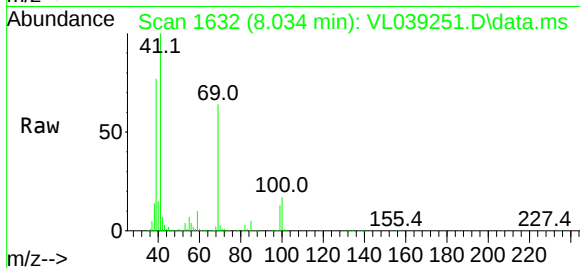
Acq: 9 Jun 2022 1:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 69 Resp: 75487

Ion Ratio Lower Upper

69 100

41 160.0 121.9 182.9

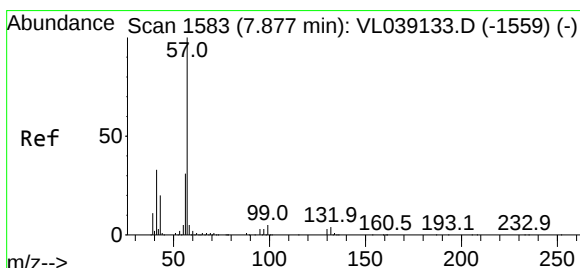
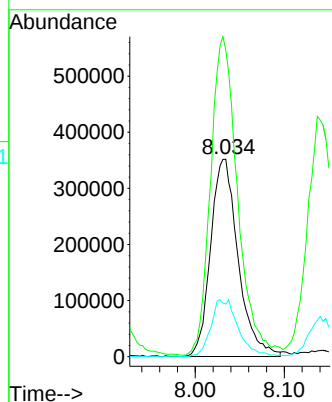
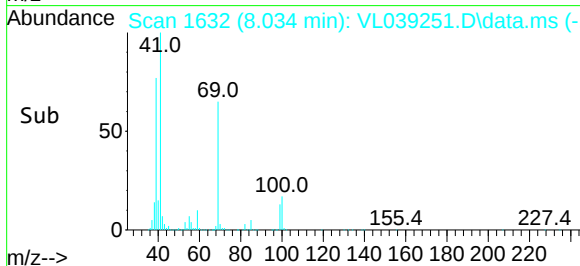
100 29.0 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#44

2,2,4-Trimethylpentane

Concen: 10.427 ppbv

RT: 7.886 min Scan# 1586

Delta R.T. 0.010 min

Lab File: VL039251.D

Acq: 9 Jun 2022 1:45

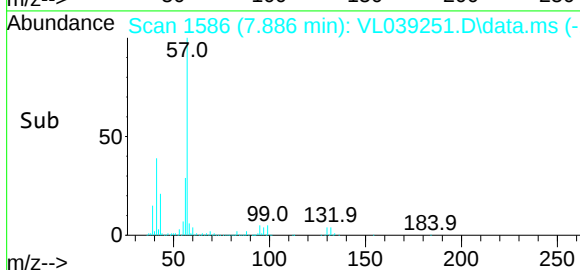
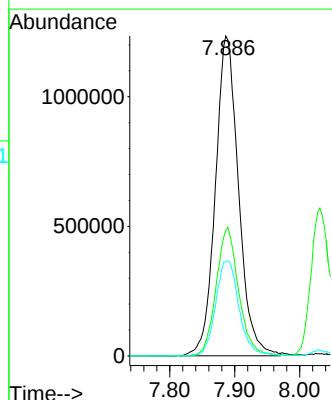
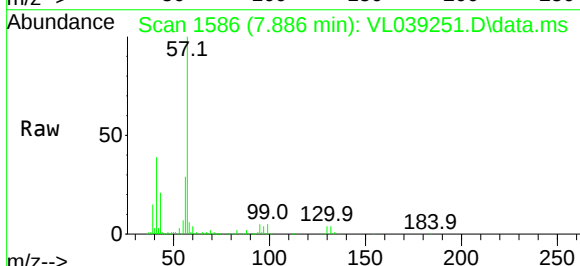
Tgt Ion: 57 Resp: 3047194

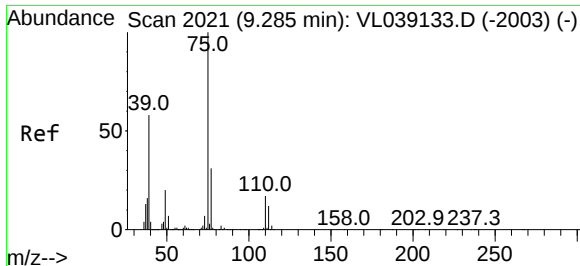
Ion Ratio Lower Upper

57 100

41 39.1 26.2 39.4

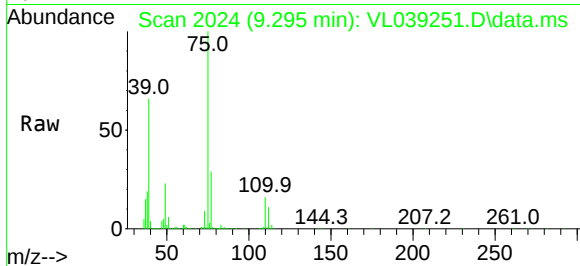
56 30.1 24.7 37.1





#45
t-1,3-Dichloropropene
Concen: 14.213 ppbv
RT: 9.295 min Scan# 2021
Delta R.T. 0.010 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

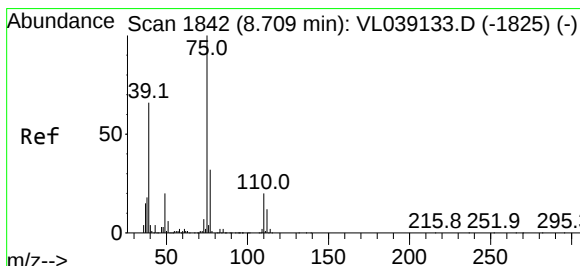
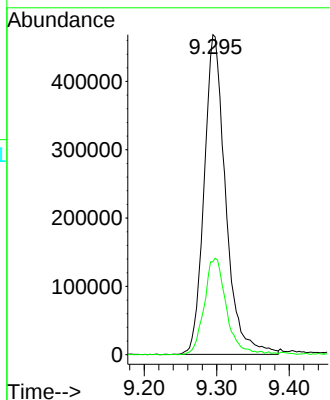
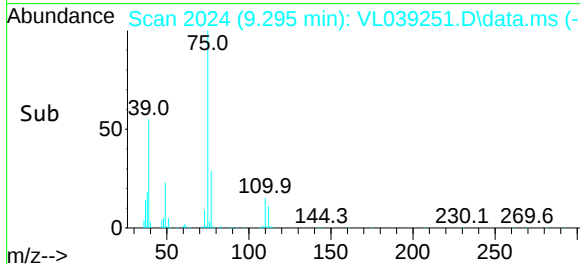
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



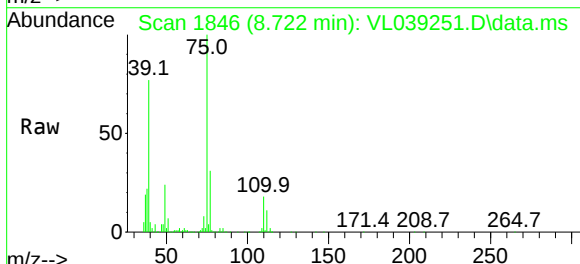
Tgt Ion: 75 Resp: 96320
Ion Ratio Lower Upper
75 100
77 29.0 24.4 36.6

Manual Integrations
APPROVED

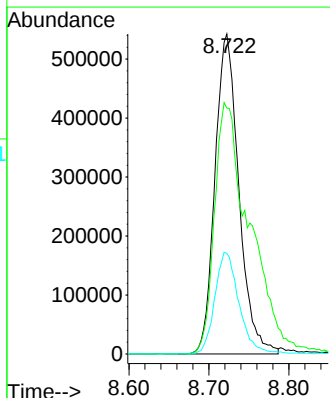
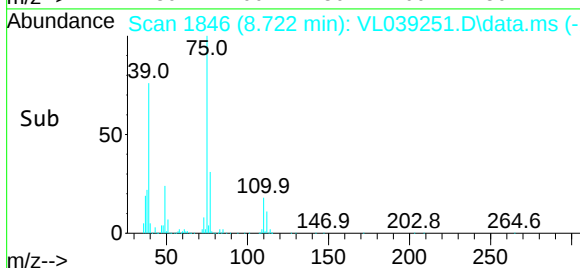
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

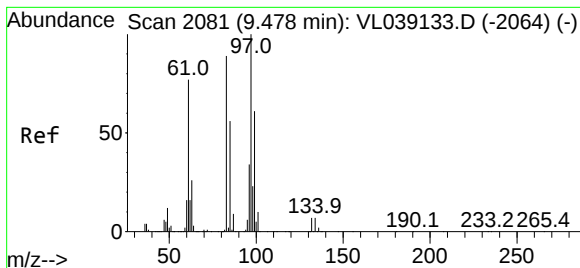


#46
cis-1,3-Dichloropropene
Concen: 12.552 ppbv
RT: 8.722 min Scan# 1846
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45



Tgt Ion: 75 Resp: 1123795
Ion Ratio Lower Upper
75 100
39 76.8 52.4 78.6
77 31.4 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 11.016 ppbv

RT: 9.494 min Scan# 2081

Delta R.T. 0.016 min

Lab File: VL039251.D

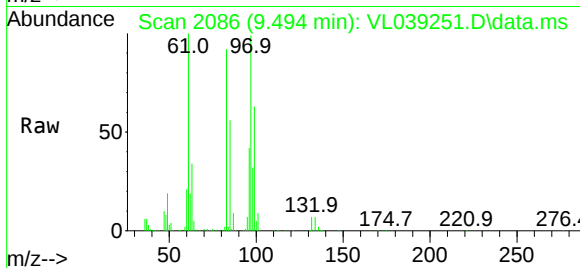
Acq: 9 Jun 2022 1:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 97 Resp: 763674

Ion Ratio Lower Upper

97 100

83 92.1 71.6 107.4

85 56.5 44.8 67.2

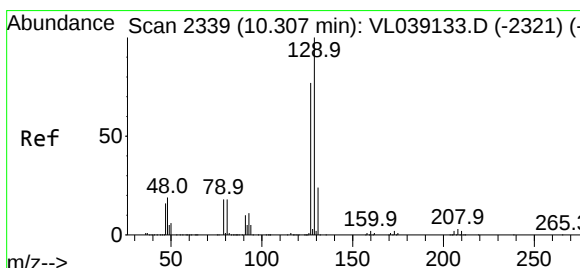
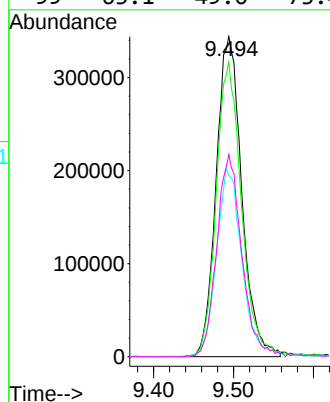
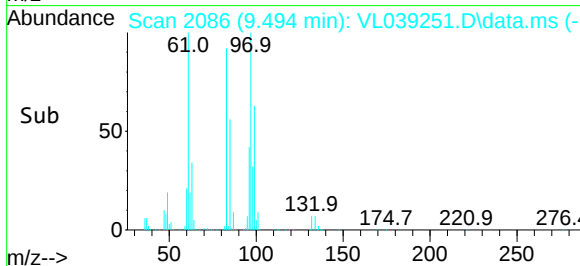
99 63.1 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#48

Dibromochloromethane

Concen: 13.081 ppbv

RT: 10.320 min Scan# 2343

Delta R.T. 0.013 min

Lab File: VL039251.D

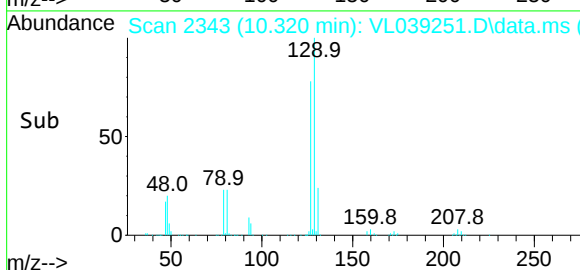
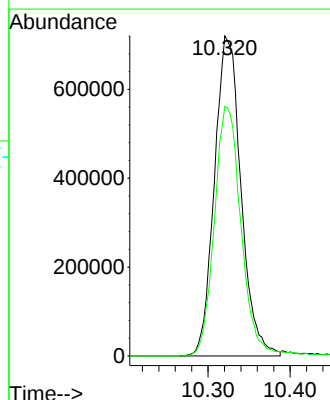
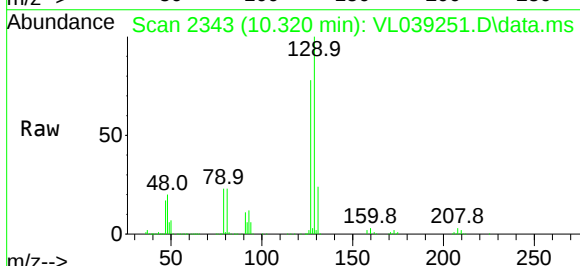
Acq: 9 Jun 2022 1:45

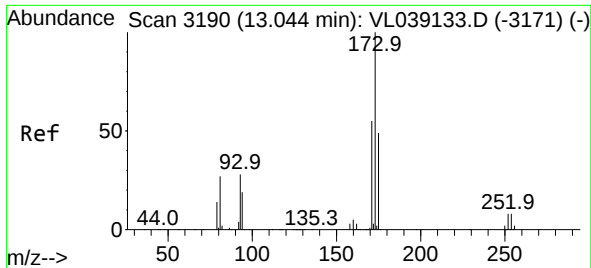
Tgt Ion:129 Resp: 1619261

Ion Ratio Lower Upper

129 100

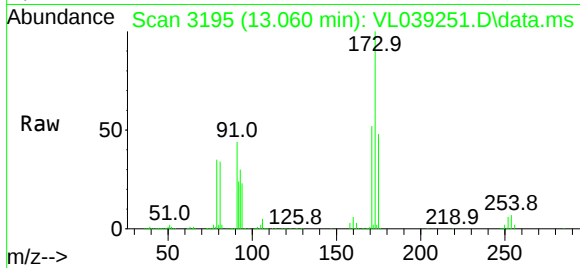
127 78.9 40.0 119.9





#49
Bromoform
Concen: 12.791 ppbv
RT: 13.060 min Scan# 3190
Delta R.T. 0.016 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

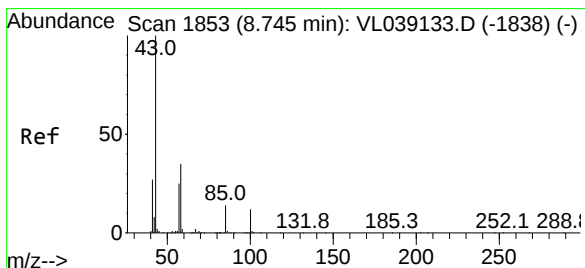
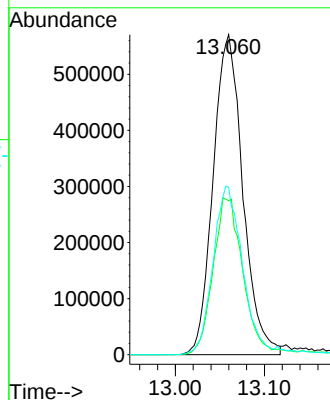
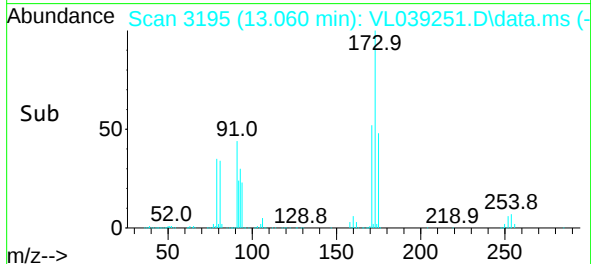
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



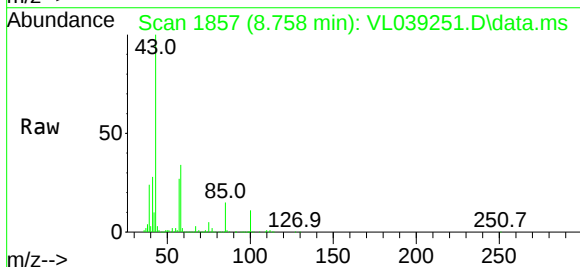
Tgt Ion: 173 Resp: 1319449
Ion Ratio Lower Upper
173 100
175 51.4 40.2 60.2
171 53.8 43.9 65.9

Manual Integrations
APPROVED

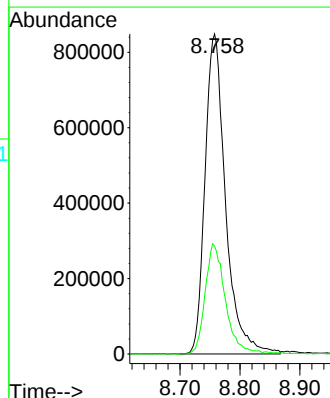
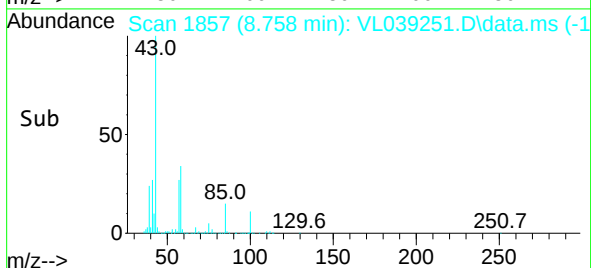
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

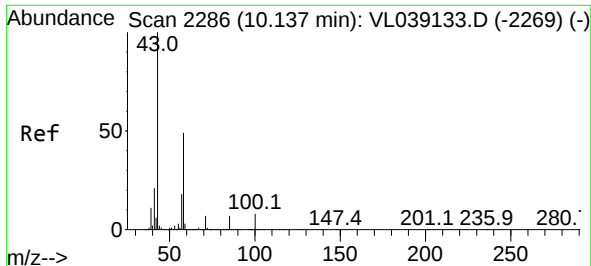


#50
4-Methyl-2-Pentanone
Concen: 12.058 ppbv
RT: 8.758 min Scan# 1857
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45



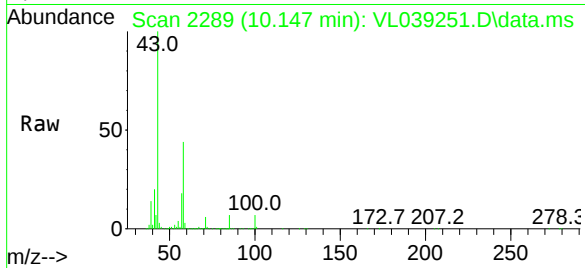
Tgt Ion: 43 Resp: 2017765
Ion Ratio Lower Upper
43 100
58 34.1 28.7 43.1





#51
2-Hexanone
Concen: 12.337 ppbv
RT: 10.147 min Scan# 2289
Delta R.T. 0.010 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

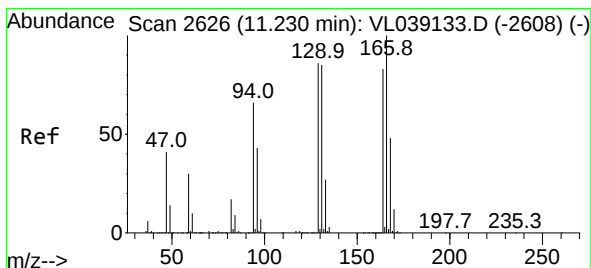
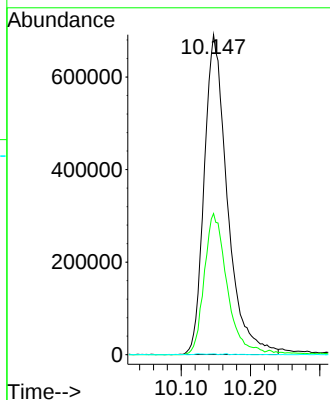
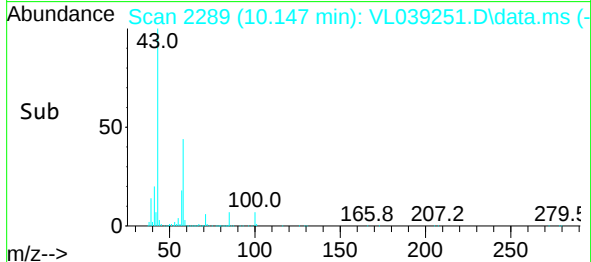
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



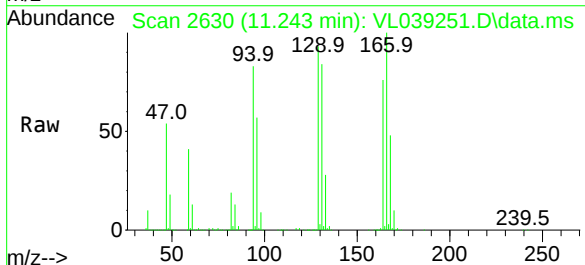
Tgt Ion: 43 Resp: 1606419
Ion Ratio Lower Upper
43 100
58 44.7 40.0 60.0
98 0.3 0.1 0.1

Manual Integrations
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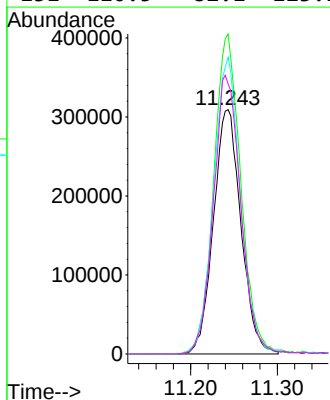
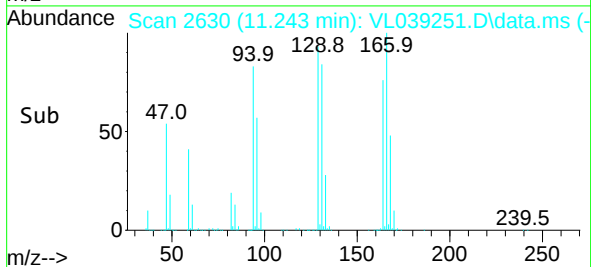
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

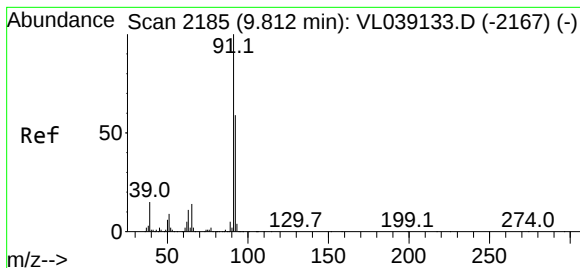


#52
Tetrachloroethene
Concen: 10.457 ppbv
RT: 11.243 min Scan# 2630
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45



Tgt Ion:164 Resp: 682094
Ion Ratio Lower Upper
164 100
166 131.0 96.3 144.5
129 121.3 82.5 123.7
131 110.5 82.1 123.1





#53

Toluene

Concen: 11.016 ppbv

RT: 9.825 min Scan# 2185

Delta R.T. 0.013 min

Lab File: VL039251.D

Acq: 9 Jun 2022 1:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 211919

Ion Ratio Lower Upper

91 100

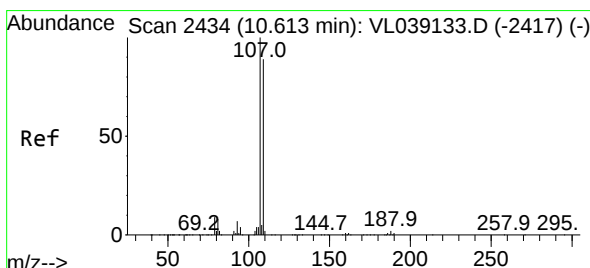
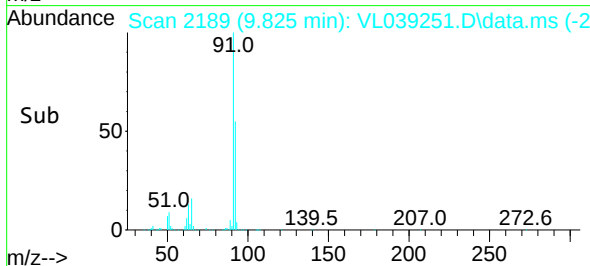
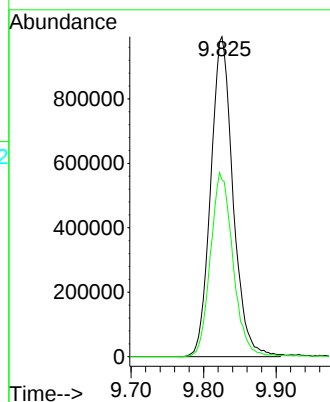
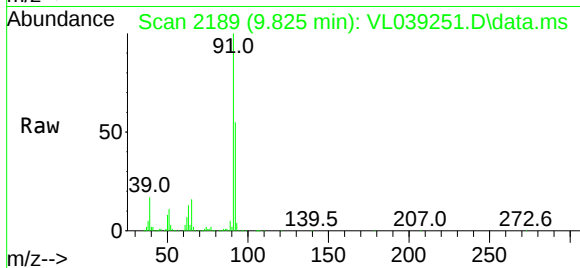
92 58.3 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#54

1,2-Dibromoethane

Concen: 12.208 ppbv

RT: 10.629 min Scan# 2439

Delta R.T. 0.016 min

Lab File: VL039251.D

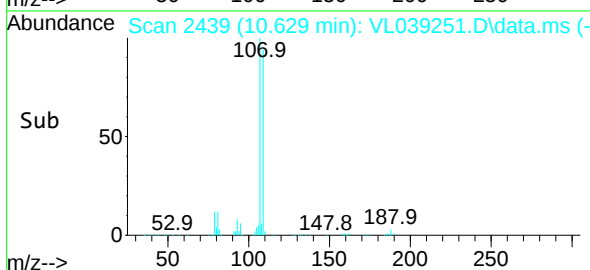
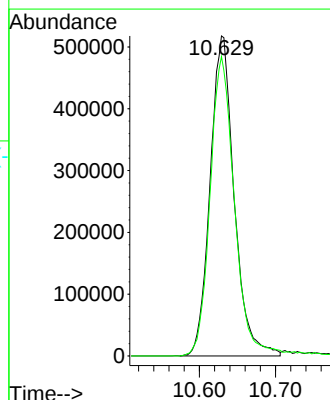
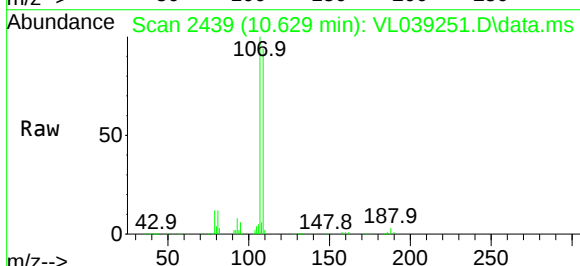
Acq: 9 Jun 2022 1:45

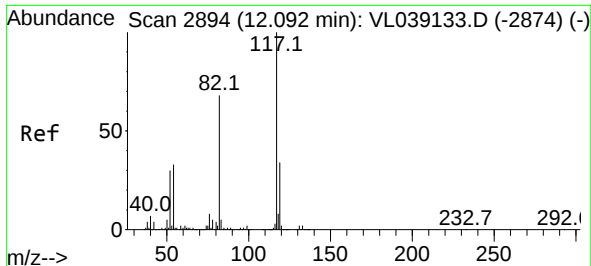
Tgt Ion:107 Resp: 1137228

Ion Ratio Lower Upper

107 100

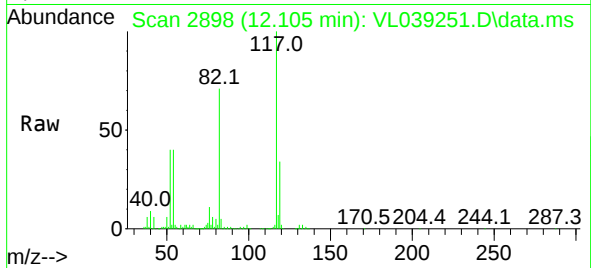
109 93.6 71.4 107.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.105 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

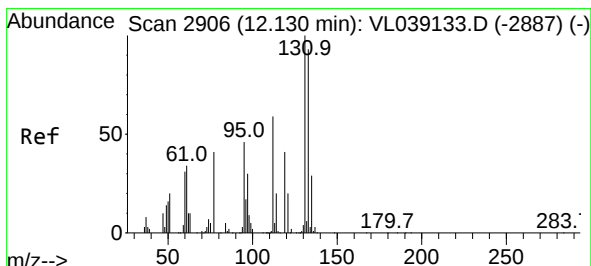
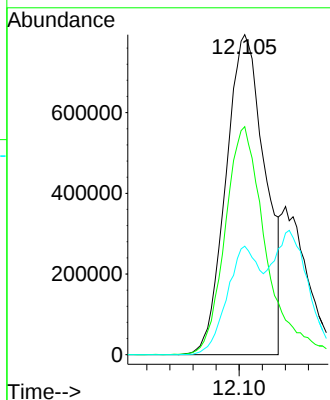
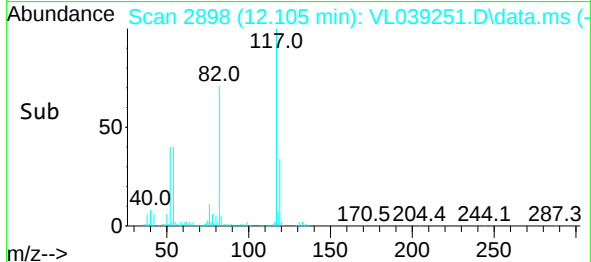
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



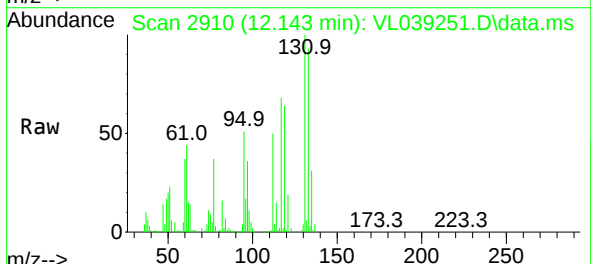
Tgt Ion:117 Resp: 186860
Ion Ratio Lower Upper
117 100
82 74.9 55.1 82.7
119 30.5 24.7 37.1

Manual Integrations
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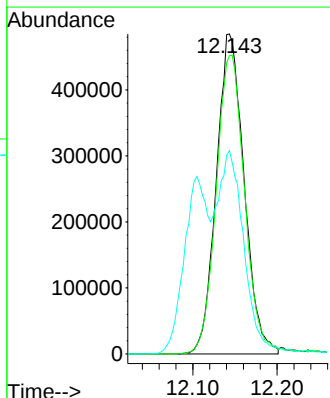
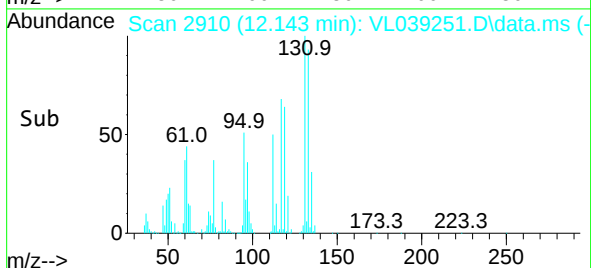
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

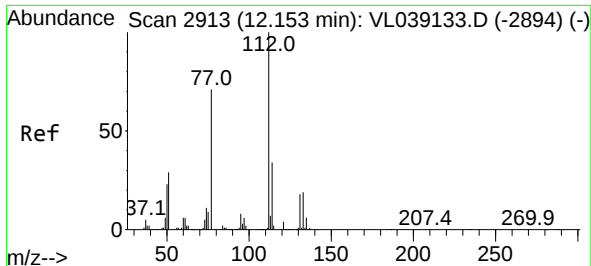


#56
1,1,1,2-Tetrachloroethane
Concen: 12.525 ppbv
RT: 12.143 min Scan# 2910
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45



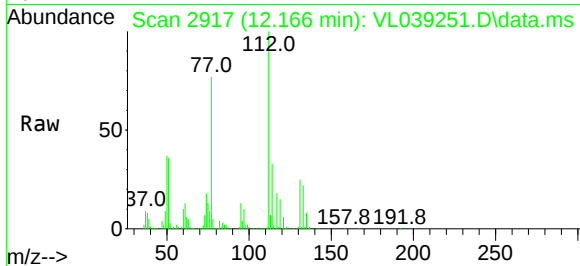
Tgt Ion:131 Resp: 1107482
Ion Ratio Lower Upper
131 100
133 96.0 78.6 117.8
119 59.2 51.7 77.5





#57
Chlorobenzene
Concen: 11.414 ppbv
RT: 12.166 min Scan# 2917
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

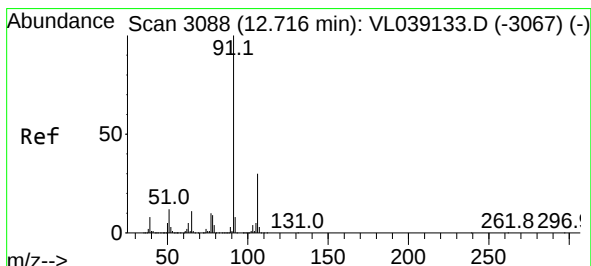
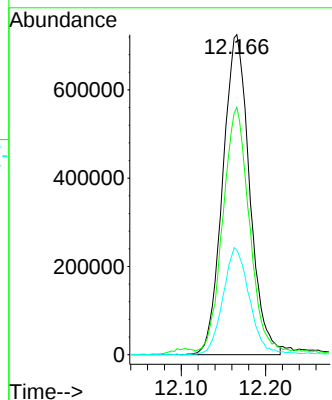
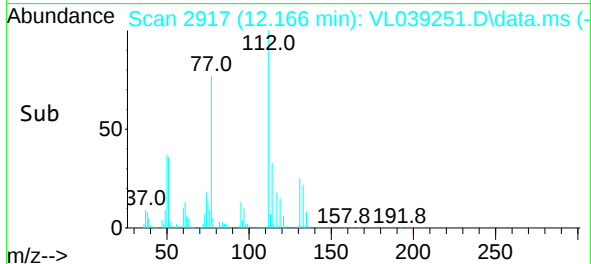
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



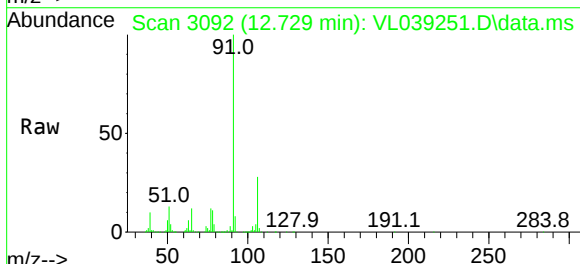
Tgt Ion: 112 Resp: 160483
Ion Ratio Lower Upper
112 100
77 75.7 56.5 84.7
114 32.9 30.3 37.1

Manual Integrations
APPROVED

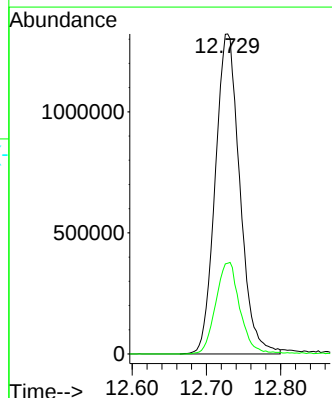
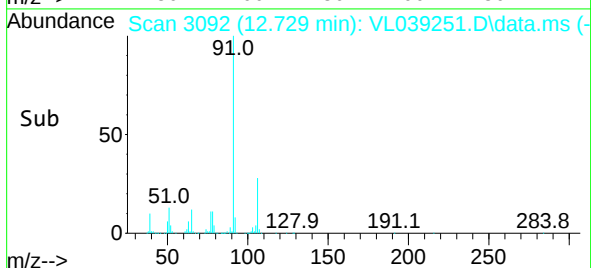
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

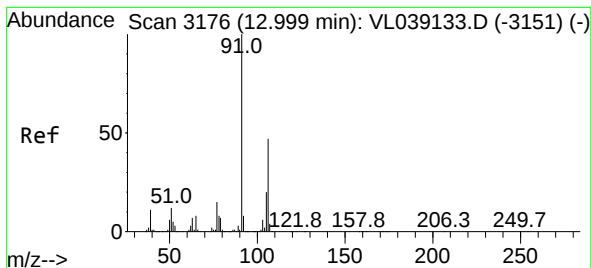


#58
Ethyl Benzene
Concen: 11.809 ppbv
RT: 12.729 min Scan# 3092
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45



Tgt Ion: 91 Resp: 3039461
Ion Ratio Lower Upper
91 100
106 28.4 24.2 36.4





#59

m/p-Xylene

Concen: 25.125 ppbv

RT: 13.015 min Scan# 3176

Delta R.T. 0.016 min

Lab File: VL039251.D

Acq: 9 Jun 2022 1:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 569490

Ion Ratio Lower Upper

91 100

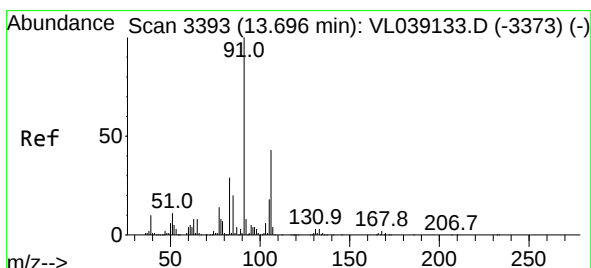
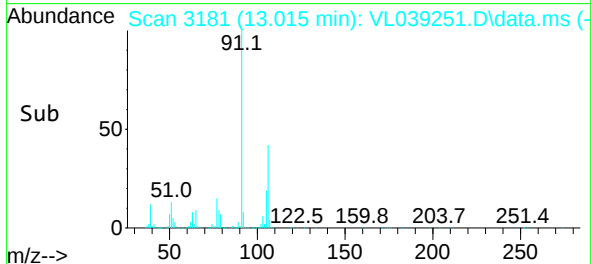
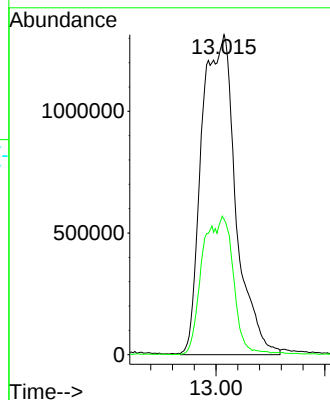
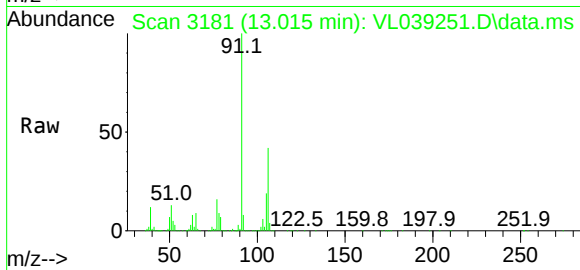
106 39.5 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#60

o-Xylene

Concen: 13.249 ppbv

RT: 13.709 min Scan# 3397

Delta R.T. 0.013 min

Lab File: VL039251.D

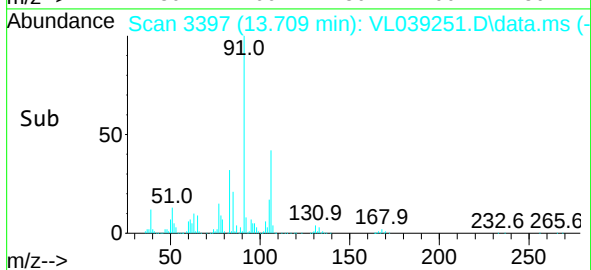
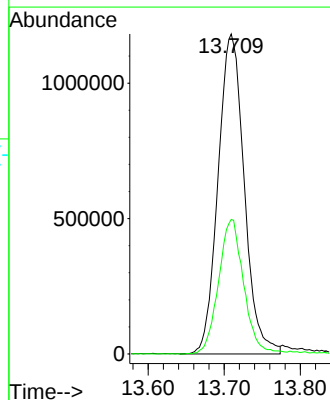
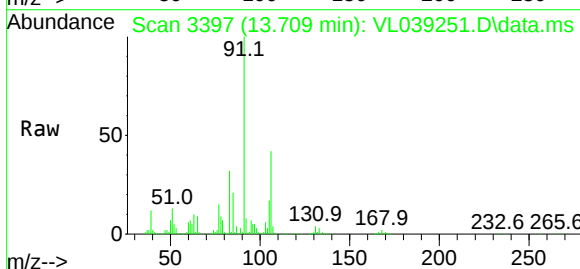
Acq: 9 Jun 2022 1:45

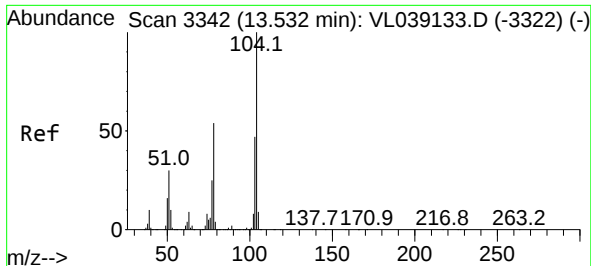
Tgt Ion: 91 Resp: 2821782

Ion Ratio Lower Upper

91 100

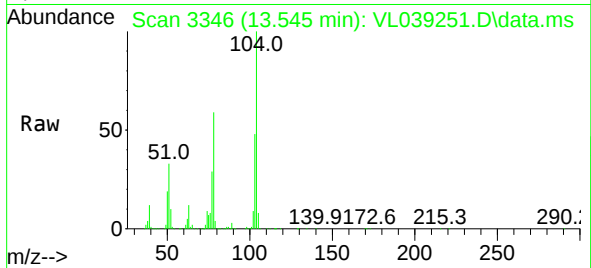
106 41.2 22.3 66.9





#61
Styrene
Concen: 12.566 ppbv
RT: 13.545 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

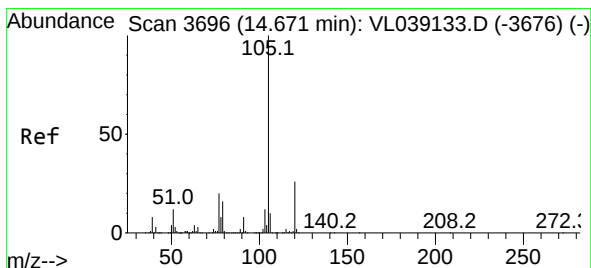
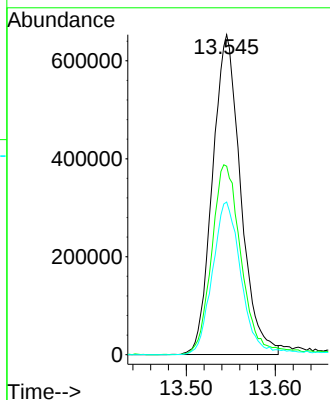
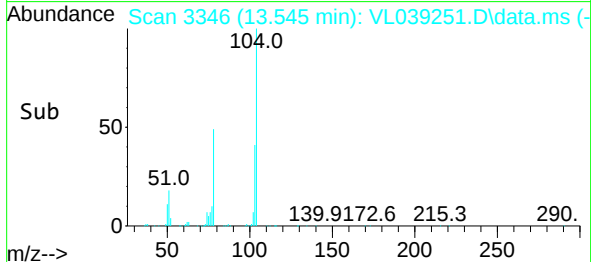
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



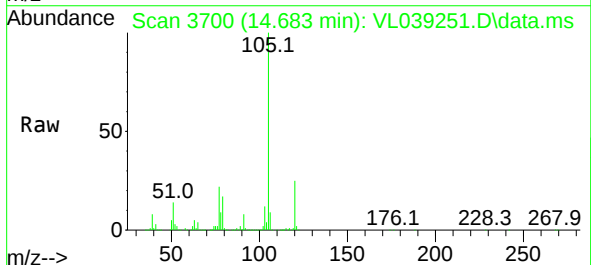
Tgt Ion:104 Resp: 143314
Ion Ratio Lower Upper
104 100
78 63.0 45.7 68.5
103 49.5 39.6 59.4

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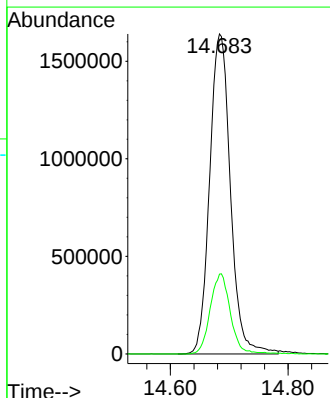
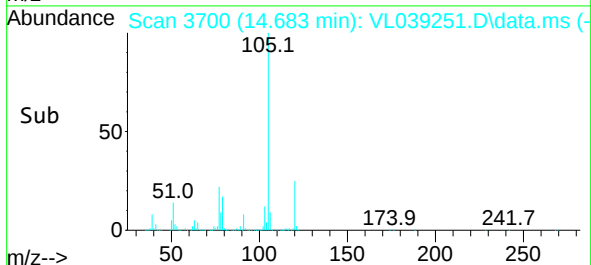
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

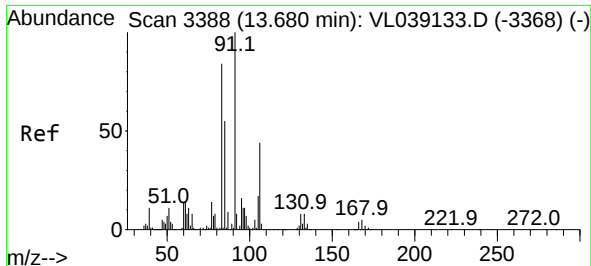


#62
Isopropylbenzene
Concen: 12.699 ppbv
RT: 14.683 min Scan# 3700
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45



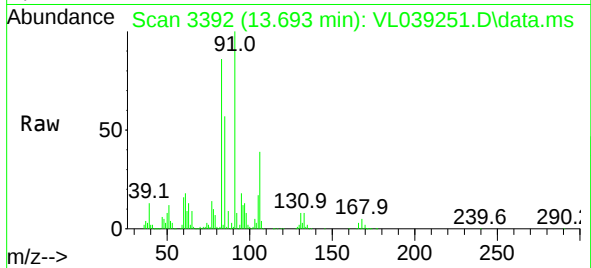
Tgt Ion:105 Resp: 4020079
Ion Ratio Lower Upper
105 100
120 24.5 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 12.075 ppbv
RT: 13.693 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

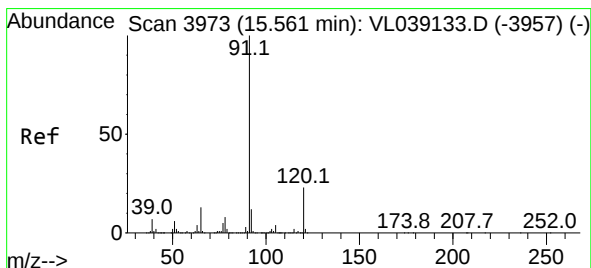
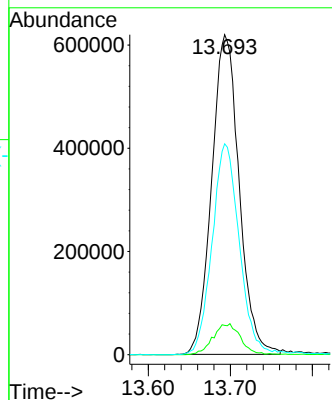
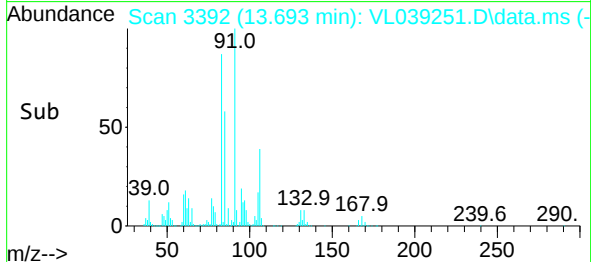
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 1443518
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 66.2 33.0 99.0

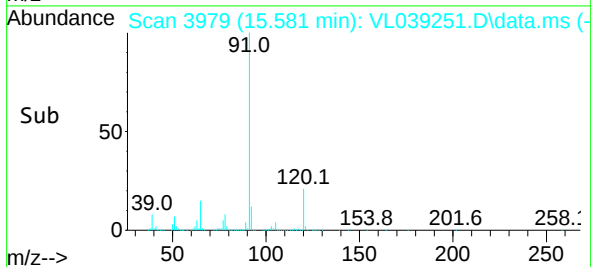
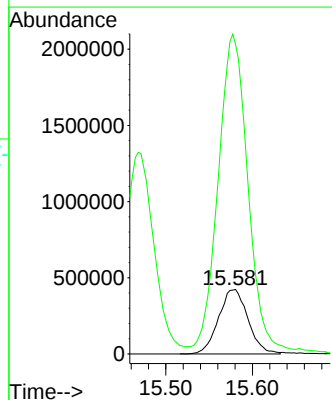
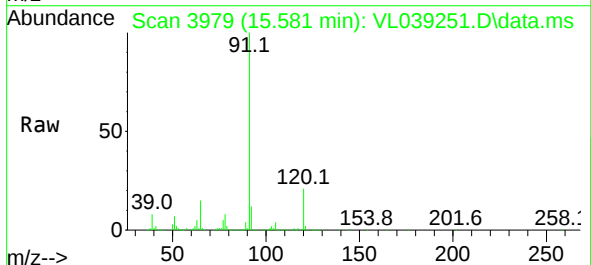
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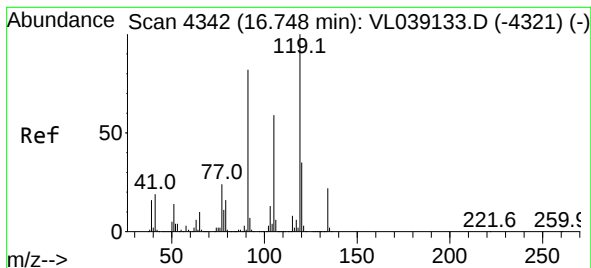
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#64
n-propylbenzene
Concen: 12.833 ppbv
RT: 15.581 min Scan# 3979
Delta R.T. 0.019 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

Tgt Ion:120 Resp: 998623
Ion Ratio Lower Upper
120 100
91 509.8 388.4 582.6





#65

tert-Butylbenzene

Concen: 13.265 ppbv

RT: 16.761 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL039251.D

Acq: 9 Jun 2022 1:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 119 Resp: 3839910

Ion Ratio Lower Upper

119 100

91 90.8 67.1 100.7

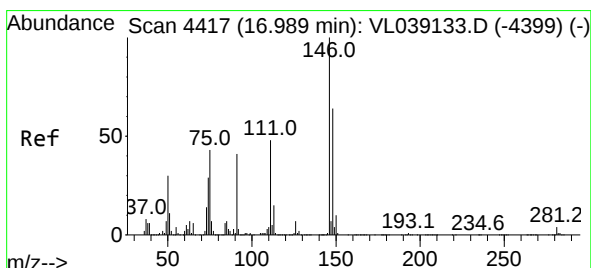
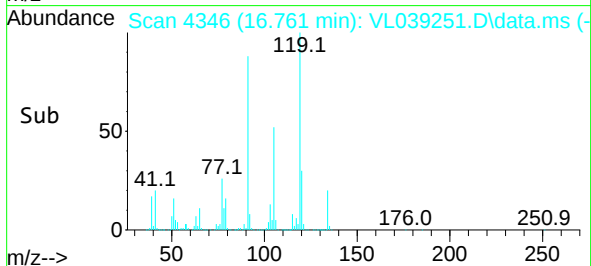
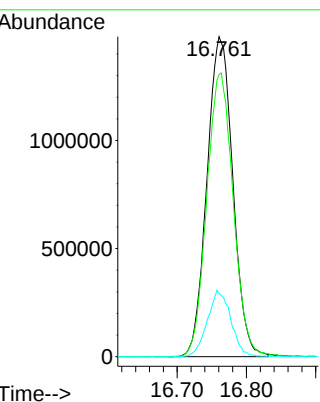
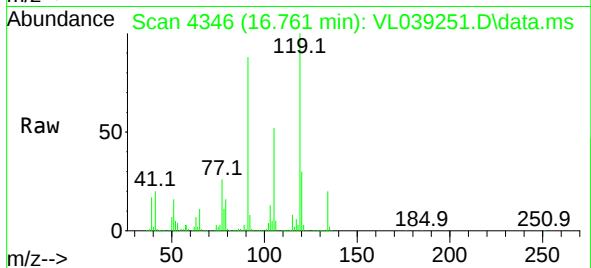
134 18.9 15.8 23.8

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Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#66

Benzyl Chloride

Concen: 17.382 ppbv

RT: 17.005 min Scan# 4422

Delta R.T. 0.016 min

Lab File: VL039251.D

Acq: 9 Jun 2022 1:45

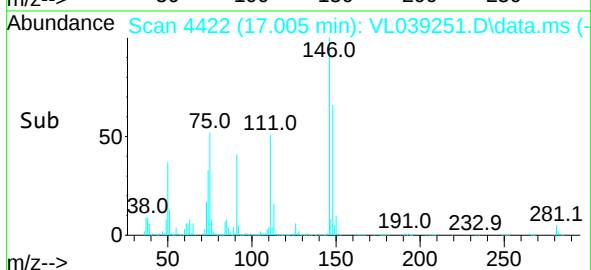
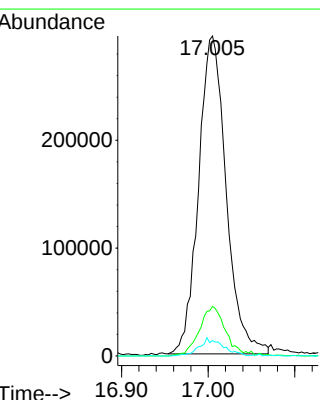
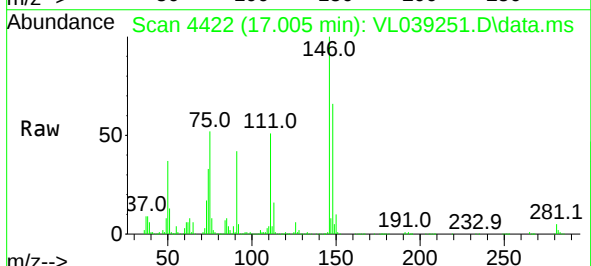
Tgt Ion: 91 Resp: 654254

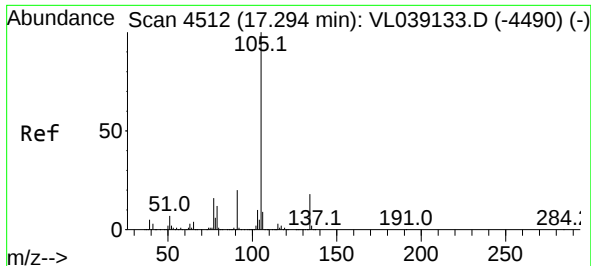
Ion Ratio Lower Upper

91 100

126 15.2 13.4 20.0

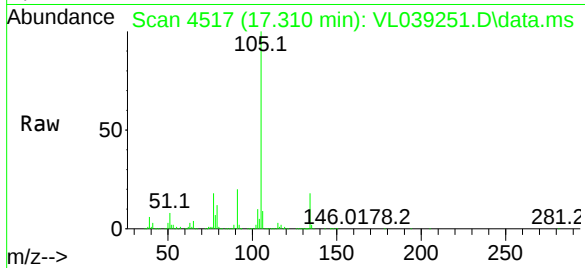
128 5.1 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 13.504 ppbv
 RT: 17.310 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: VL039251.D
 Acq: 9 Jun 2022 1:45

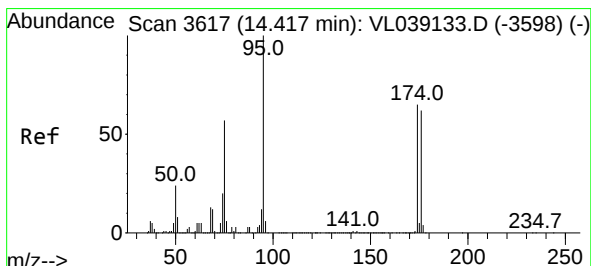
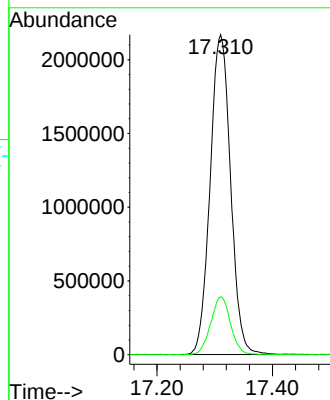
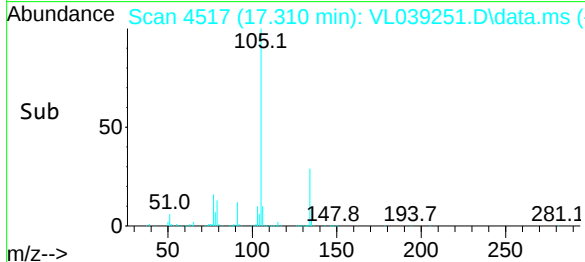
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



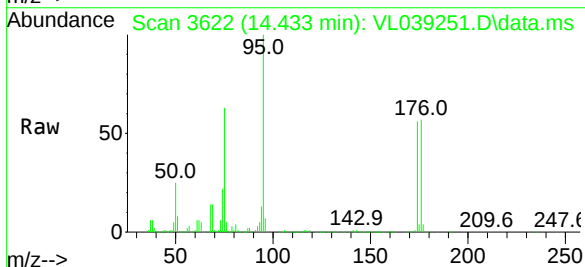
Tgt Ion: 105 Resp: 5333429
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.4 21.6

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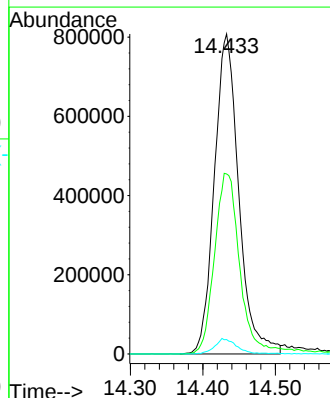
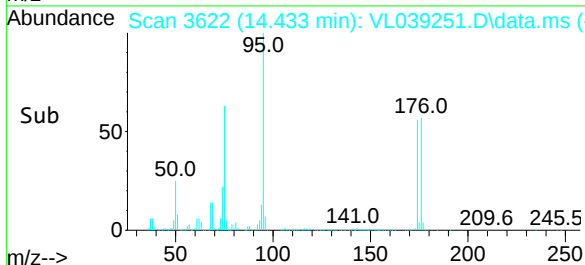
Reviewed By : Semsettin Yesilyurt 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

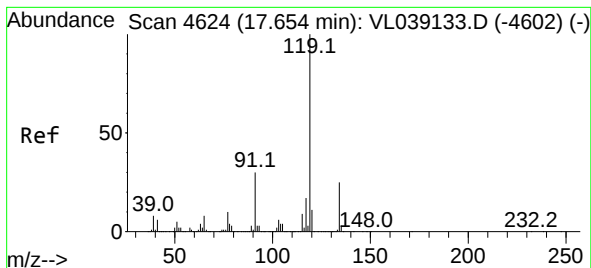


#68
 1-Bromo-4-Fluorobenzene
 Concen: 12.227 ppbv
 RT: 14.433 min Scan# 3622
 Delta R.T. 0.016 min
 Lab File: VL039251.D
 Acq: 9 Jun 2022 1:45



Tgt Ion: 95 Resp: 1888857
 Ion Ratio Lower Upper
 95 100
 174 60.0 53.8 80.8
 175 4.5 4.1 6.1





#69

p-Isopropyltoluene

Concen: 13.509 ppbv

RT: 17.667 min Scan# 40

Delta R.T. 0.013 min

Lab File: VL039251.D

Acq: 9 Jun 2022 1:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 119 Resp: 450163

Ion Ratio Lower Upper

119 100

134 24.6 20.4 30.6

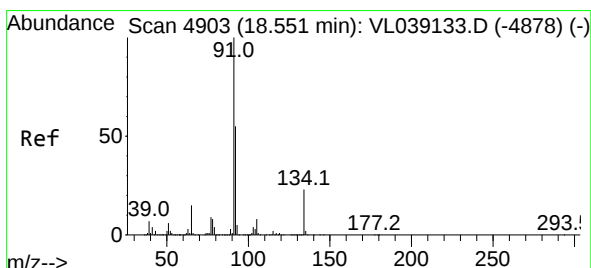
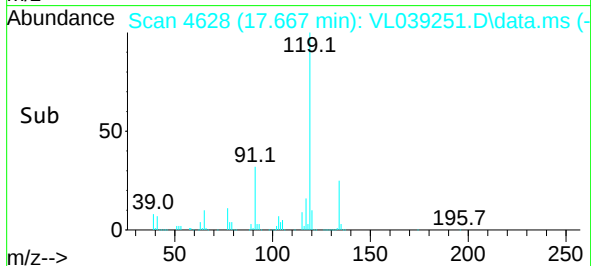
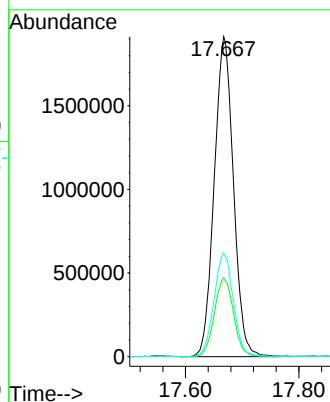
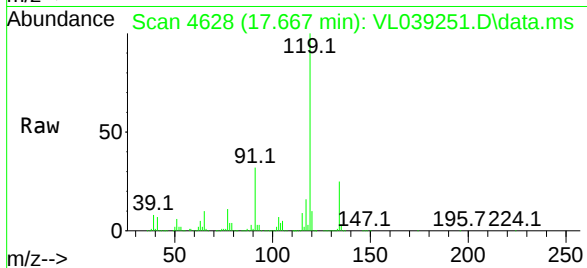
91 32.6 24.2 36.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#70

n-Butylbenzene

Concen: 13.846 ppbv

RT: 18.564 min Scan# 4907

Delta R.T. 0.013 min

Lab File: VL039251.D

Acq: 9 Jun 2022 1:45

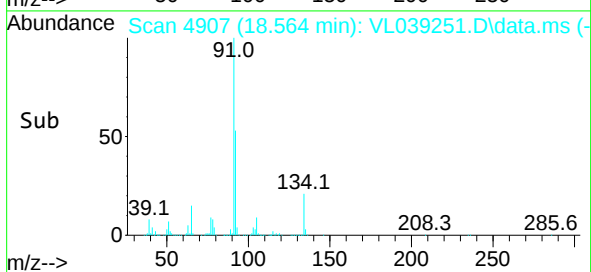
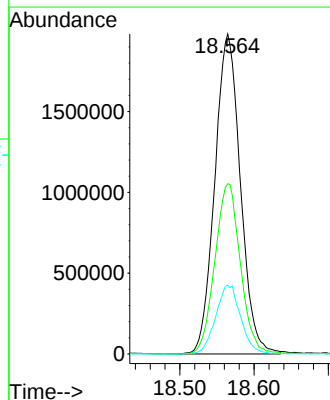
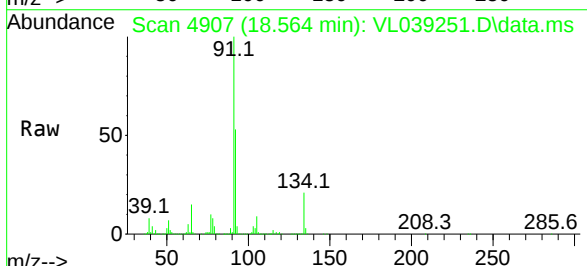
Tgt Ion: 91 Resp: 4735802

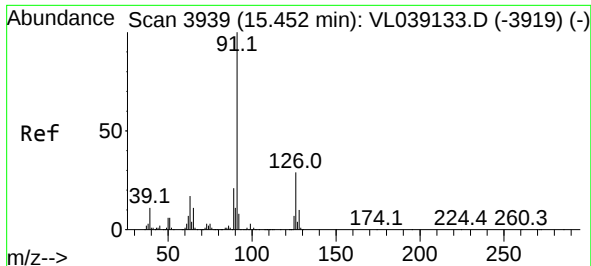
Ion Ratio Lower Upper

91 100

92 53.4 43.6 65.4

134 21.2 17.7 26.5





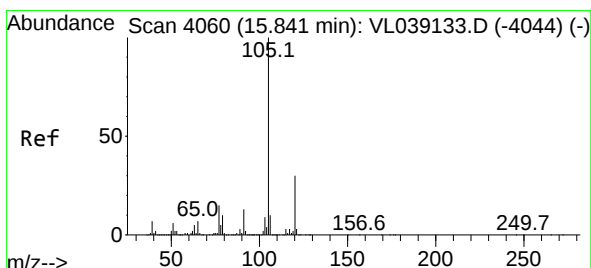
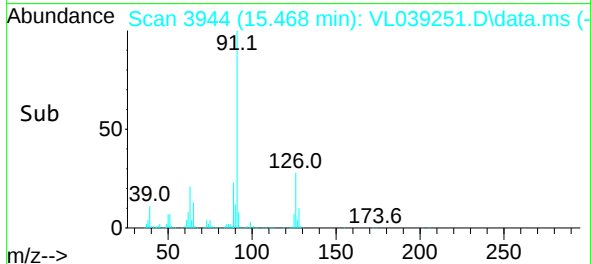
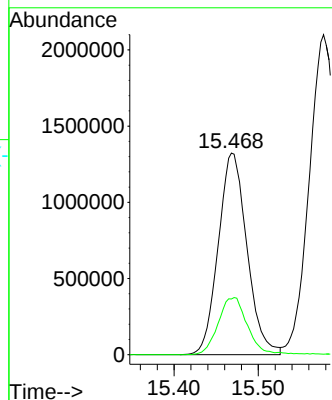
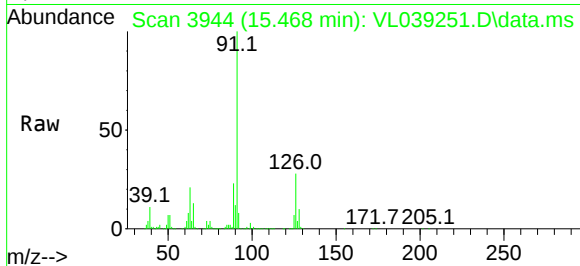
#71
2-Chlorotoluene
Concen: 12.951 ppbv
RT: 15.468 min Scan# 3939
Delta R.T. 0.016 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 312630
Ion Ratio Lower Upper
91 100
126 29.5 12.2 48.6

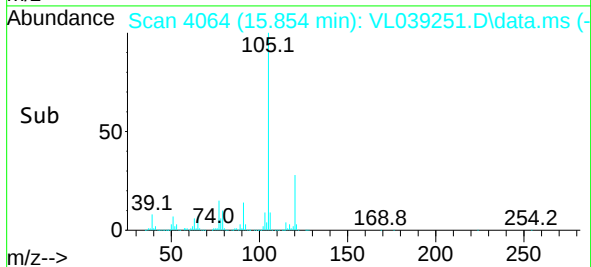
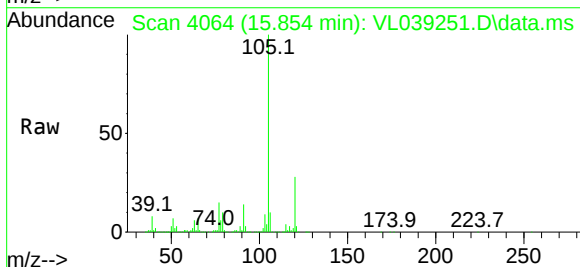
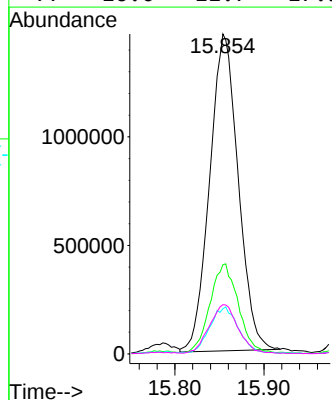
Manual Integrations
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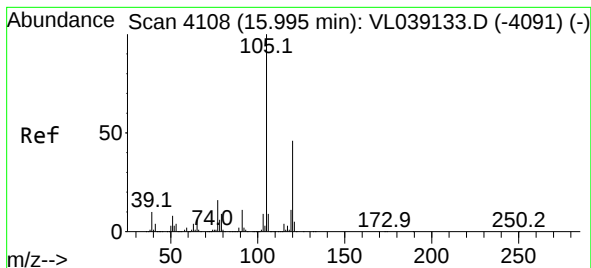
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#72
4-Ethyltoluene
Concen: 13.030 ppbv
RT: 15.854 min Scan# 4064
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

Tgt Ion:105 Resp: 3252569
Ion Ratio Lower Upper
105 100
120 29.0 23.9 35.9
91 15.0 10.6 16.0
77 16.0 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 13.486 ppbv

RT: 16.011 min Scan# 4113

Delta R.T. 0.016 min

Lab File: VL039251.D

Acq: 9 Jun 2022 1:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 303619

Ion Ratio Lower Upper

105 100

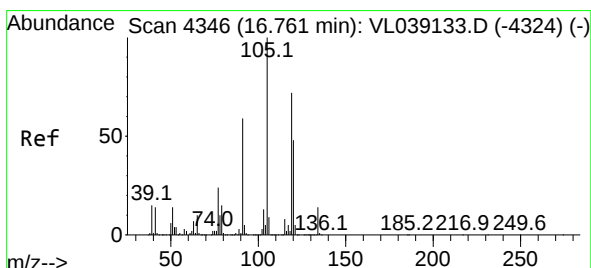
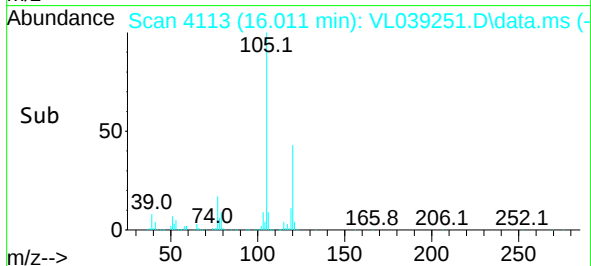
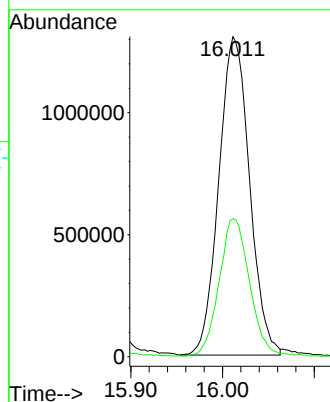
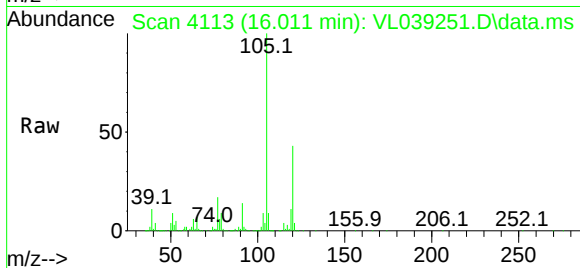
120 43.1 36.7 55.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#74

1,2,4-Trimethylbenzene

Concen: 13.811 ppbv

RT: 16.780 min Scan# 4352

Delta R.T. 0.019 min

Lab File: VL039251.D

Acq: 9 Jun 2022 1:45

Tgt Ion:105 Resp: 3470063

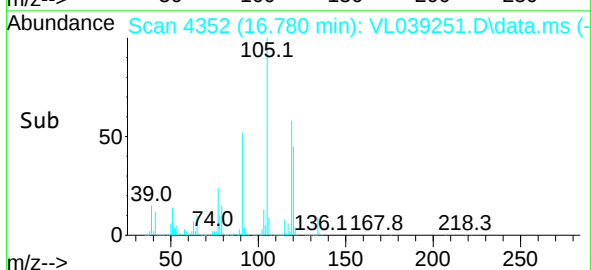
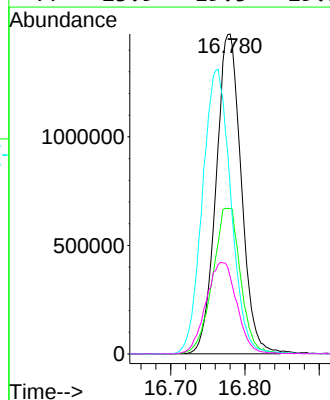
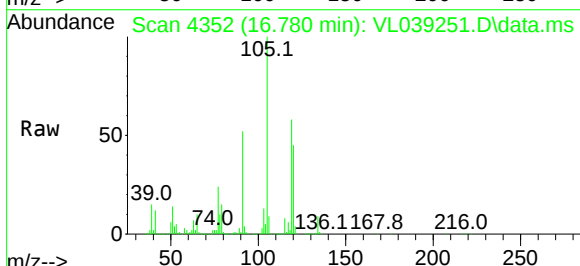
Ion Ratio Lower Upper

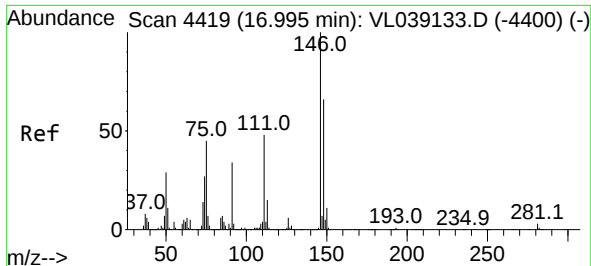
105 100

120 45.2 38.1 57.1

91 52.2 47.4 71.0

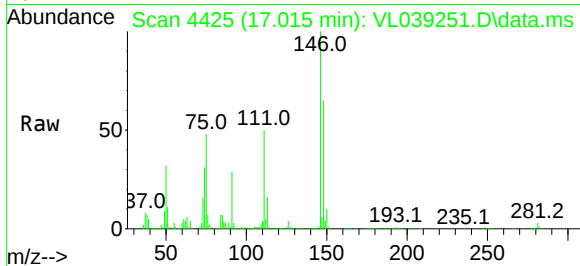
77 23.9 19.5 29.3





#75
1,3-Dichlorobenzene
Concen: 13.210 ppbv
RT: 17.015 min Scan# 4419
Delta R.T. 0.019 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

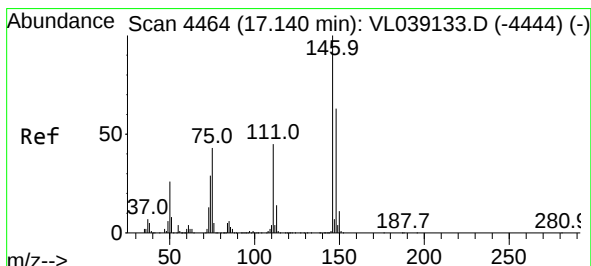
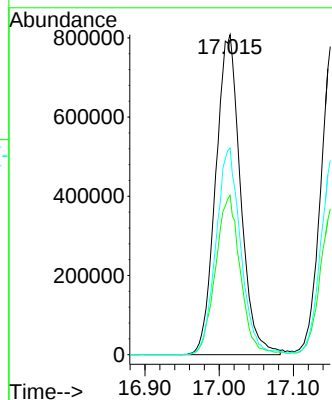
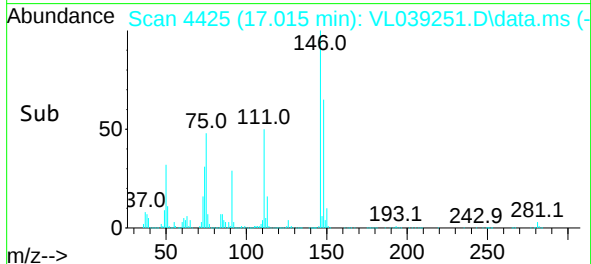
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



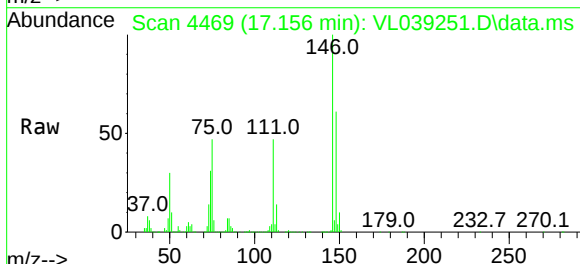
Tgt Ion:146 Resp: 1878570
Ion Ratio Lower Upper
146 100
111 49.7 23.8 71.4
148 64.2 32.4 97.0

Manual Integrations
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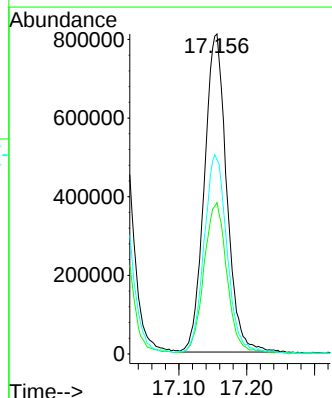
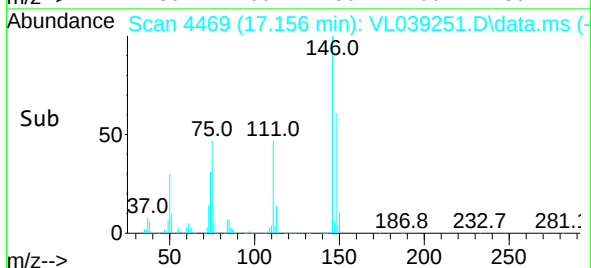
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

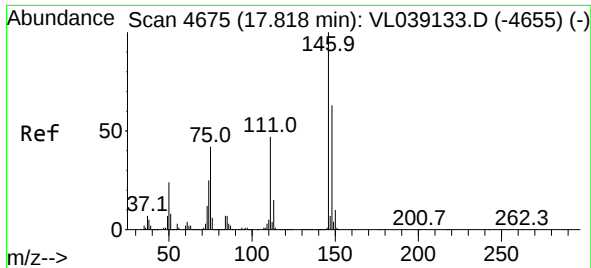


#76
1,4-Dichlorobenzene
Concen: 13.087 ppbv
RT: 17.156 min Scan# 4469
Delta R.T. 0.016 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45



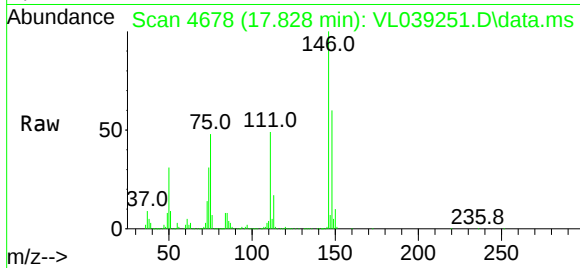
Tgt Ion:146 Resp: 1856978
Ion Ratio Lower Upper
146 100
111 49.4 23.6 71.0
148 64.6 33.7 101.0





#77
1,2-Dichlorobenzene
Concen: 12.712 ppbv
RT: 17.828 min Scan# 4675
Delta R.T. 0.010 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45

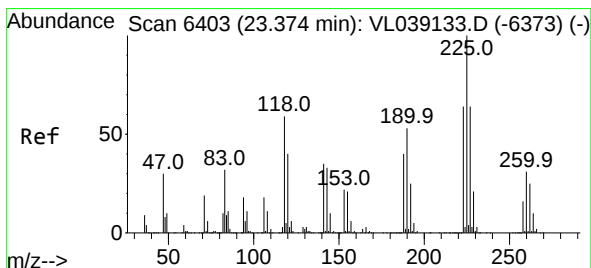
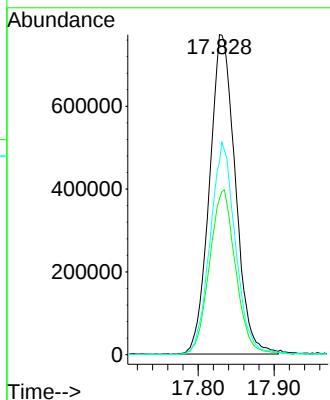
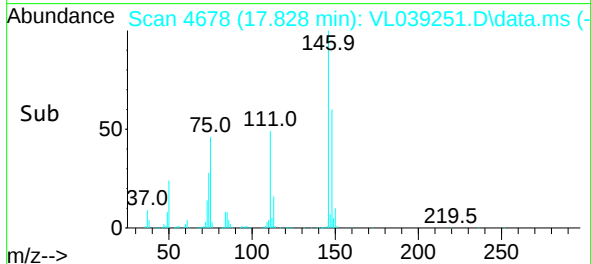
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



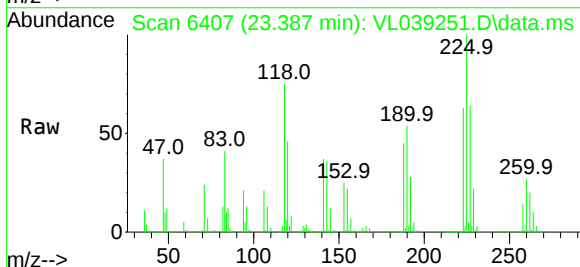
Tgt Ion:146 Resp: 1822080
Ion Ratio Lower Upper
146 100
111 52.4 24.4 73.4
148 65.1 32.1 96.5

Manual Integrations
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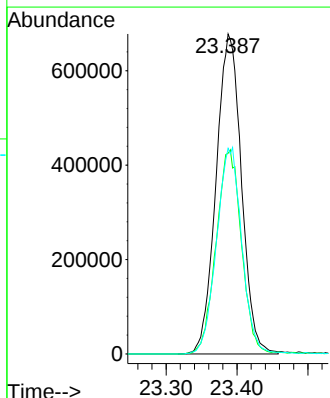
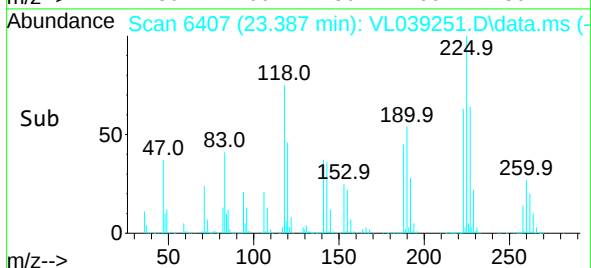
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

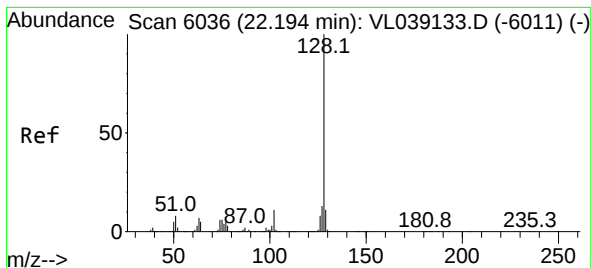


#78
Hexachloro-1,3-Butadiene
Concen: 12.847 ppbv
RT: 23.387 min Scan# 6407
Delta R.T. 0.013 min
Lab File: VL039251.D
Acq: 9 Jun 2022 1:45



Tgt Ion:225 Resp: 1683869
Ion Ratio Lower Upper
225 100
223 64.5 51.4 77.0
227 64.6 50.6 75.8





#79

Naphthalene

Concen: 14.940 ppbv

RT: 22.214 min Scan# 6036

Delta R.T. 0.019 min

Lab File: VL039251.D

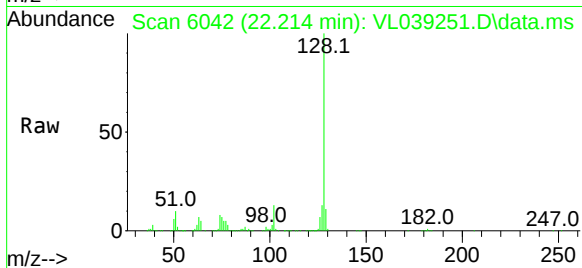
Acq: 9 Jun 2022 1:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:128 Resp: 2889630

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

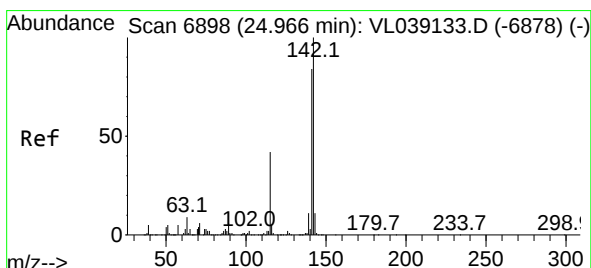
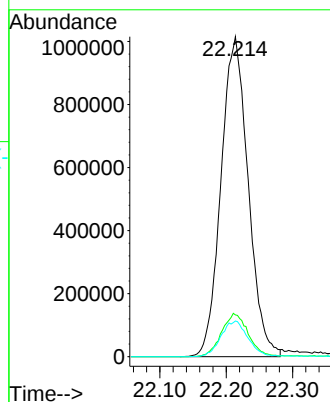
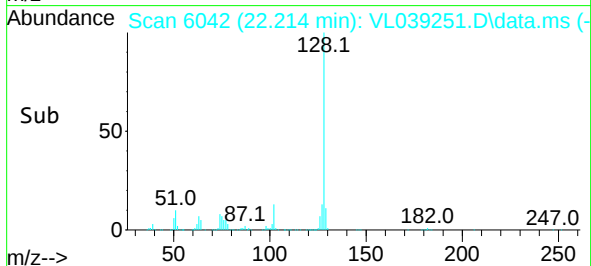
129 11.1 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#80

Naphthalene,2-methyl-

Concen: 14.898 ppbv

RT: 24.982 min Scan# 6903

Delta R.T. 0.016 min

Lab File: VL039251.D

Acq: 9 Jun 2022 1:45

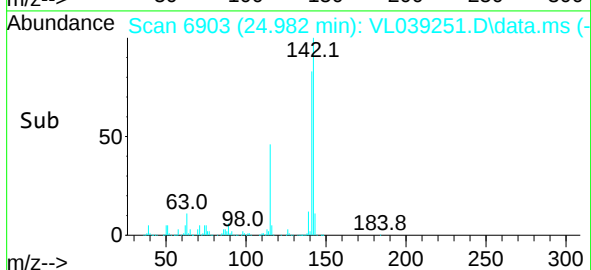
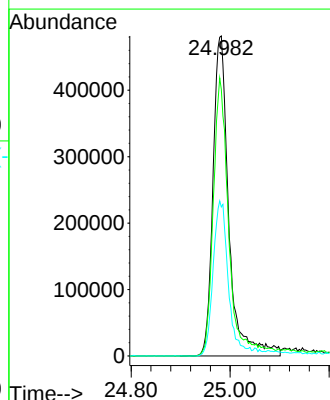
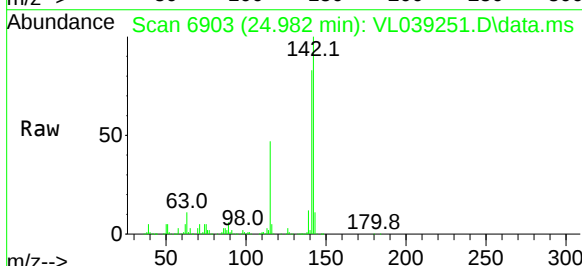
Tgt Ion:142 Resp: 1070552

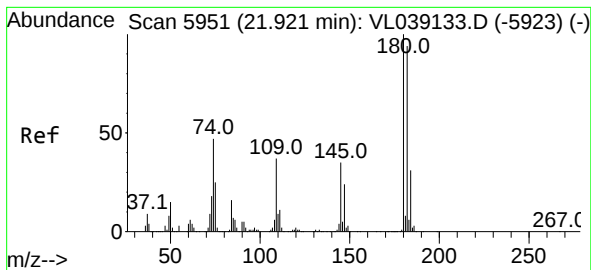
Ion Ratio Lower Upper

142 100

141 85.6 64.6 96.8

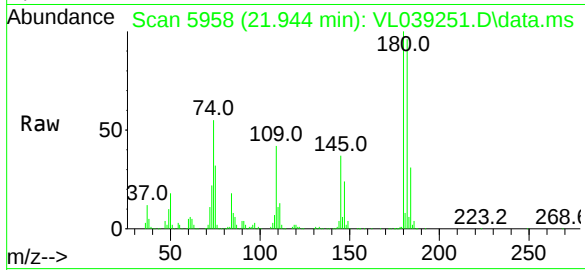
115 47.7 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 13.236 ppbv
 RT: 21.944 min Scan# 5958
 Delta R.T. 0.023 min
 Lab File: VL039251.D
 Acq: 9 Jun 2022 1:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 162177
 Ion Ratio Lower Upper
 180 100
 182 97.7 0.0 0.0
 184 30.6 0.0 0.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

