

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039962.D
 Acq On : 2 Dec 2022 9:06
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/02/2022
 Supervised By : Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 12:07:11 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Fri Dec 02 05:29:35 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.153	49	995831	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.616	114	3094399	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.429	117	3141521	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.741 95 2325746 9.692 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.697	85	1749763	12.269	ppbv	95
3) Chlorodifluoromethane	2.642	51	1174315	8.546	ppbv	98
4) Chloromethane	2.780	50	666851	7.594	ppbv	98
5) Vinyl Chloride	2.886	62	624097	9.095	ppbv	99
6) Bromomethane	3.086	94	266016	11.366	ppbv	98
7) Chloroethane	3.160	64	231873	8.549	ppbv	99
8) Dichlorotetrafluoroethane	2.822	85	1553266	9.538	ppbv	99
9) Propene	2.661	41	545117	8.421	ppbv	97
10) Heptane	7.542	43	1353796	8.667	ppbv	99
11) Trichlorofluoromethane	3.526	101	1602217	9.210	ppbv	99
12) 1,1,2-Trichlorotrifluoro...	4.031	101	1193860	9.067	ppbv	99
13) Ethanol	3.211	45	27917	5.649	ppbv	93
14) Bromoethene	3.330	108	482467	9.397	ppbv	99
15) Acetone	3.433	43	1100403	8.331	ppbv	100
16) 1,3-Butadiene	2.951	39	583194	8.859	ppbv	97
17) tert-Butyl alcohol	3.841	59	1288666	8.486	ppbv	99
18) 1,1-Dichloroethene	3.844	96	533502	8.883	ppbv	99
19) Isopropyl Alcohol	3.542	45	564181	7.889	ppbv #	31
20) Methylene Chloride	3.896	84	460085	7.190	ppbv	97
21) Allyl Chloride	3.960	41	786778	8.587	ppbv	99
22) trans-1,2-Dichloroethene	4.407	96	549184	8.992	ppbv	99
23) Vinyl Acetate	4.590	43	203101	3.743	ppbv	99
24) 1,1-Dichloroethane	4.526	63	1150318	8.792	ppbv	99
25) Ethyl Acetate	5.166	43	2453846	10.118	ppbv	99
26) Hexane	5.176	57	925642	8.737	ppbv	88
27) Carbon Disulfide	4.089	76	1298988	9.712	ppbv	99
28) Methyl tert-Butyl Ether	4.549	73	1132445	8.538	ppbv	98
29) Chloroform	5.237	83	1527819	10.852	ppbv	98
30) Cyclohexane	6.565	84	915466	8.806	ppbv	96
31) cis-1,2-Dichloroethene	5.041	61	881900	9.010	ppbv	97
32) 1,1,1-Trichloroethane	5.967	97	1600516	9.103	ppbv	99
34) 2-Butanone	4.748	43	1310293	8.849	ppbv	99
35) Carbon Tetrachloride	6.455	117	1660706	9.450	ppbv	98
36) Benzene	6.333	78	2272777	8.641	ppbv	98
37) 1,2-Dichloroethane	5.767	62	1221013	8.471	ppbv	99
38) Trichloroethene	7.253	130	1063363	7.232	ppbv	99
39) 1,2-Dichloropropane	7.037	63	856178	8.355	ppbv	98
40) 1,4-Dioxane	7.253	88	353027	8.648	ppbv #	1
41) Tetrahydrofuran	5.520	42	899853	8.803	ppbv	99
42) Bromodichloromethane	7.211	83	1795518	9.185	ppbv	100
43) Methyl Methacrylate	7.439	69	944491	9.159	ppbv	98
44) 2,2,4-Trimethylpentane	7.291	57	3693087	8.411	ppbv	98
45) t-1,3-Dichloropropene	8.674	75	812027	8.523	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039962.D
 Acq On : 2 Dec 2022 9:06
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/02/2022
 Supervised By : Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 12:07:11 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

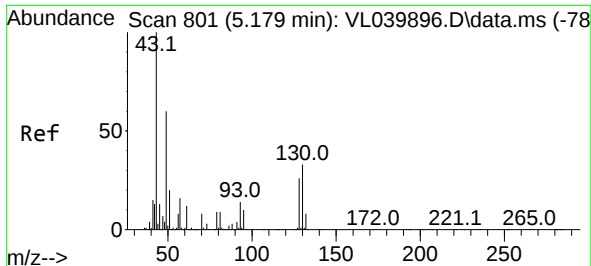
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Fri Dec 02 05:29:35 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.105	75	1115128	8.449	ppbv	99
47) 1,1,2-Trichloroethane	8.864	97	923392	8.768	ppbv	96
48) Dibromochloromethane	9.674	129	1542292	9.998	ppbv	99
49) Bromoform	12.371	173	1279301	10.245	ppbv	99
50) 4-Methyl-2-Pentanone	8.143	43	2294754	8.654	ppbv	99
51) 2-Hexanone	9.516	43	1805490	8.770	ppbv	100
52) Tetrachloroethene	10.581	164	818058	8.314	ppbv	97
53) Toluene	9.182	91	2613345	8.722	ppbv	99
54) 1,2-Dibromoethane	9.973	107	1199972	10.677	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.474	131	1173528	9.138	ppbv	98
57) Chlorobenzene	11.490	112	1983615	8.258	ppbv	99
58) Ethyl Benzene	12.053	91	3494405	8.199	ppbv	100
59) m/p-Xylene	12.339	91	5841522m	16.376	ppbv	
60) o-Xylene	13.024	91	2789586	8.200	ppbv	99
61) Styrene	12.863	104	1712747	8.435	ppbv	99
62) Isopropylbenzene	13.992	105	4300747	8.767	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.015	83	1519775	13.380	ppbv	99
64) n-propylbenzene	14.883	120	1132422	8.825	ppbv	95
65) tert-Butylbenzene	16.059	119	3735665	8.705	ppbv	99
66) Benzyl Chloride	16.294	91	191083	5.196	ppbv	98
67) sec-Butylbenzene	16.603	105	5226781	8.858	ppbv	99
69) p-Isopropyltoluene	16.963	119	4321571	8.891	ppbv	98
70) n-Butylbenzene	17.854	91	4382102	9.094	ppbv	98
71) 2-Chlorotoluene	14.764	91	3214548	8.645	ppbv	99
72) 4-Ethyltoluene	15.159	105	3264120	8.536	ppbv	99
73) 1,3,5-Trimethylbenzene	15.320	105	2955302	8.443	ppbv	97
74) 1,2,4-Trimethylbenzene	16.075	105	3139526	8.472	ppbv	95
75) 1,3-Dichlorobenzene	16.297	146	1785081	8.561	ppbv	99
76) 1,4-Dichlorobenzene	16.439	146	1727589	8.358	ppbv	98
77) 1,2-Dichlorobenzene	17.108	146	1732076	8.617	ppbv	99
78) Hexachloro-1,3-Butadiene	22.603	225	1219149	8.741	ppbv	100
79) Naphthalene	21.349	128	2484959	11.204	ppbv	100
80) Naphthalene,2-methyl-	24.345	142	652894	10.466	ppbv	96
81) 1,2,4-Trichlorobenzene	21.104	180	1272181	9.288	ppbv	100

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



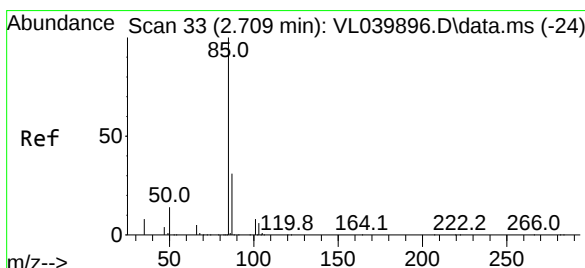
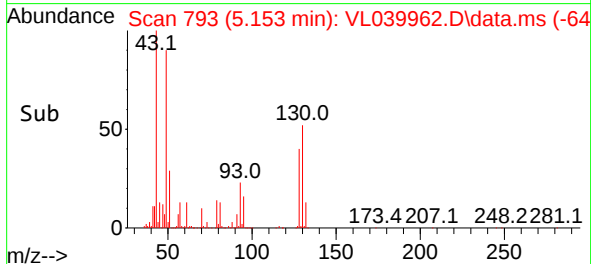
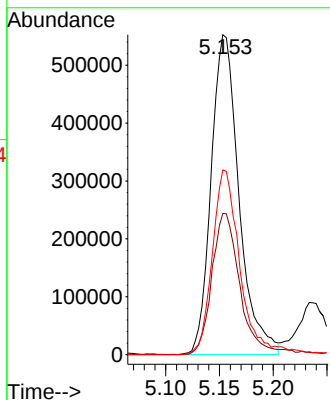
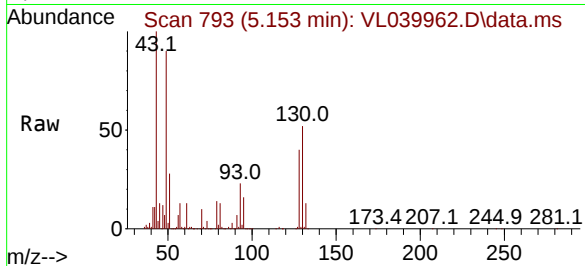
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.153 min Scan# 79
Delta R.T. -0.020 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 99583
Ion Ratio Lower Upper
49 100
128 45.8 22.1 66.3
130 58.3 27.7 83.1

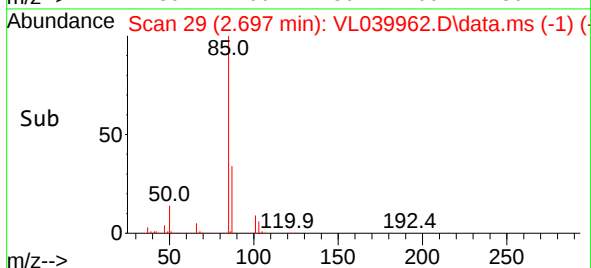
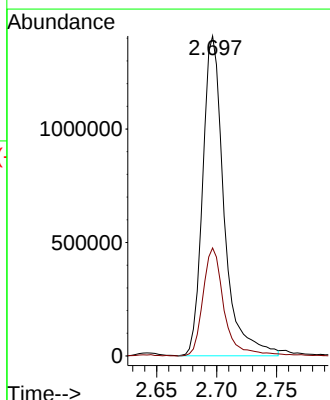
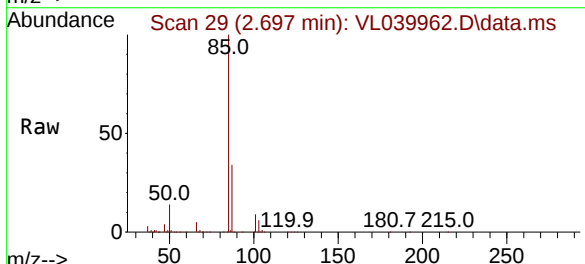
Manual Integrations
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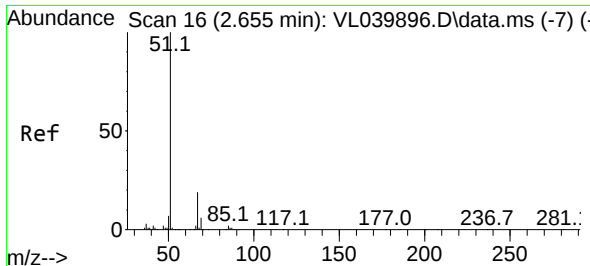
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#2
Dichlorodifluoromethane
Concen: 12.269 ppbv
RT: 2.697 min Scan# 29
Delta R.T. -0.013 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

Tgt Ion: 85 Resp: 1749763
Ion Ratio Lower Upper
85 100
87 33.8 25.0 37.4





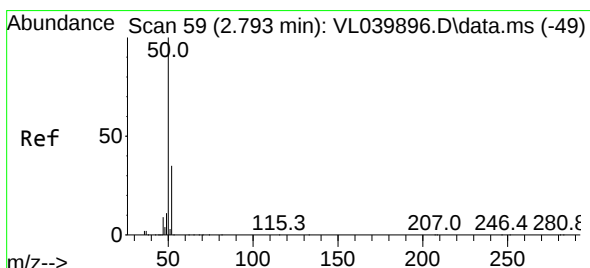
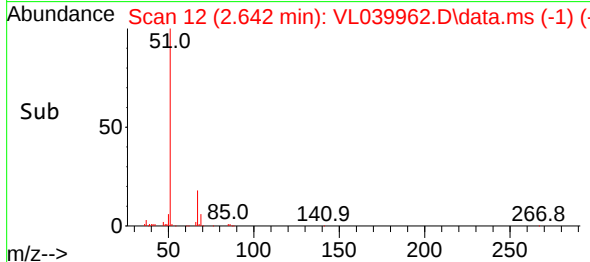
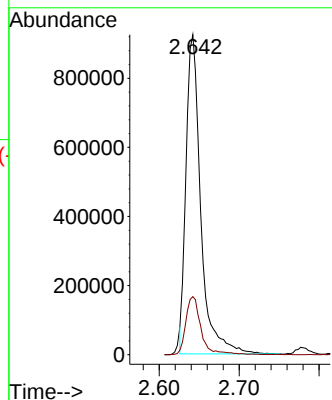
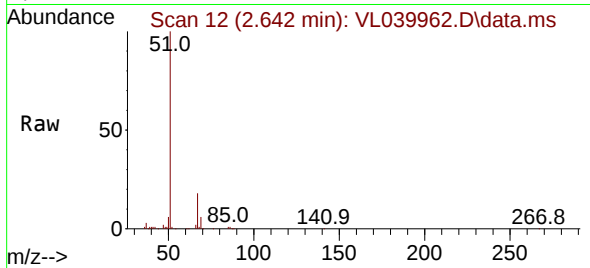
#3
Chlorodifluoromethane
Concen: 8.546 ppbv
RT: 2.642 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 117431
Ion Ratio Lower Upper
51 100
67 18.6 14.2 21.4

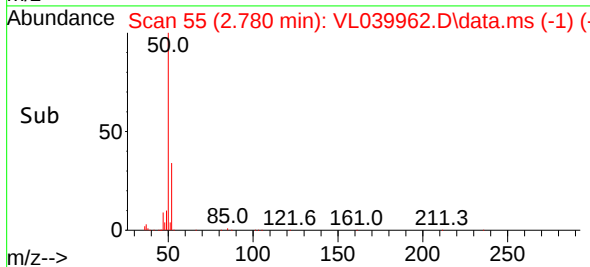
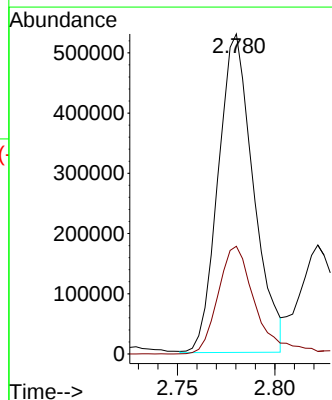
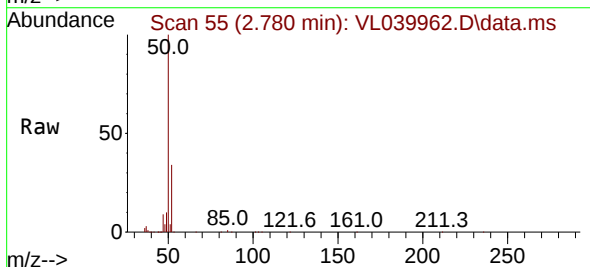
Manual Integrations
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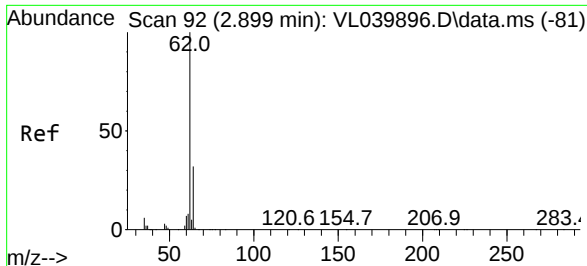
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#4
Chloromethane
Concen: 7.594 ppbv
RT: 2.780 min Scan# 55
Delta R.T. -0.010 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

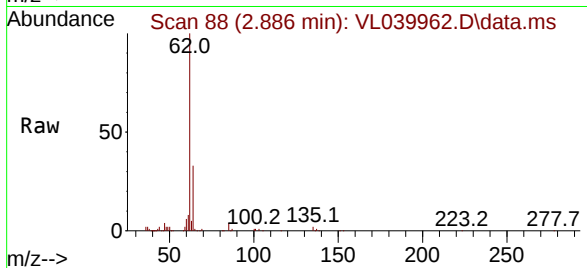
Tgt Ion: 50 Resp: 666851
Ion Ratio Lower Upper
50 100
52 33.9 27.8 41.8





#5
 Vinyl Chloride
 Concen: 9.095 ppbv
 RT: 2.886 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: VL039962.D
 Acq: 2 Dec 2022 9:06

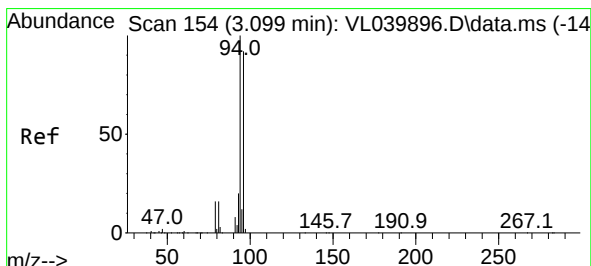
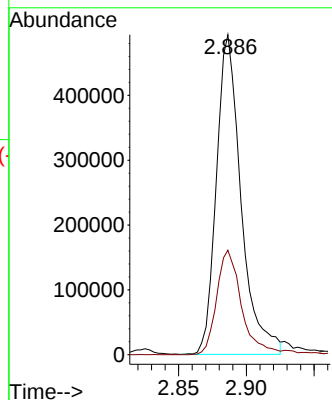
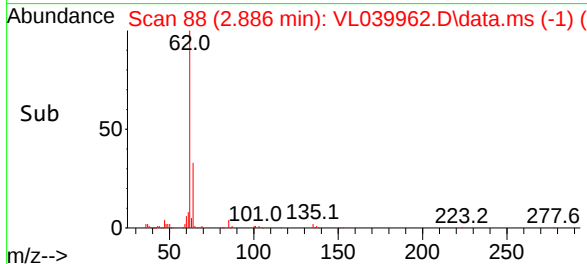
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 62 Resp: 62409
 Ion Ratio Lower Upper
 62 100
 64 32.7 25.7 38.5

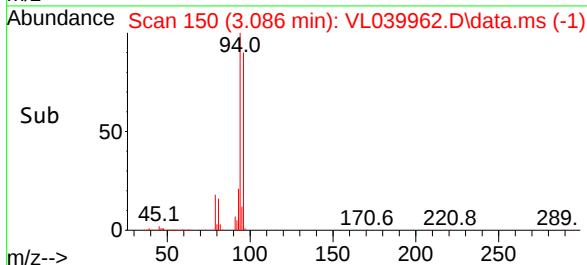
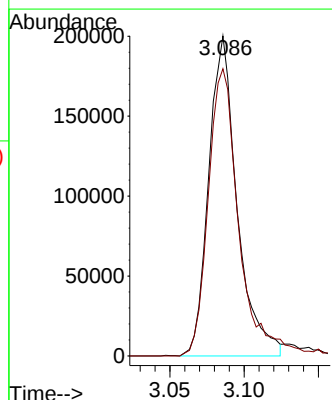
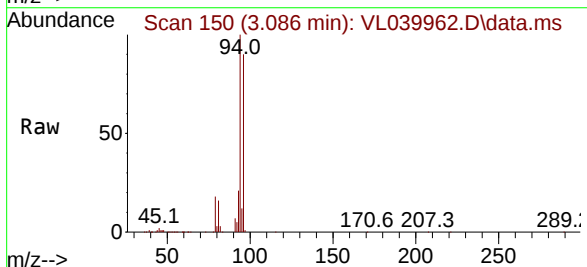
Manual Integrations
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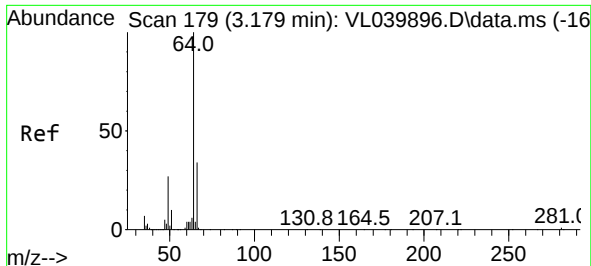
Reviewed By :Semsettin Yesilyurt 12/02/2022
 Supervised By :Mahesh Dadoda 12/05/2022



#6
 Bromomethane
 Concen: 11.366 ppbv
 RT: 3.086 min Scan# 150
 Delta R.T. -0.013 min
 Lab File: VL039962.D
 Acq: 2 Dec 2022 9:06

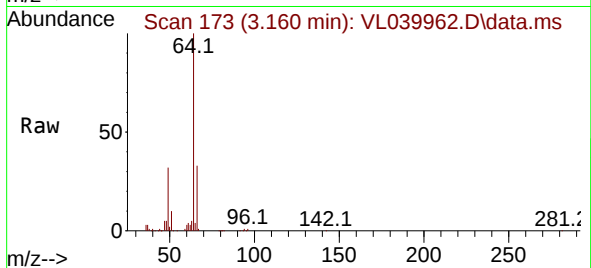
Tgt Ion: 94 Resp: 266016
 Ion Ratio Lower Upper
 94 100
 96 89.7 73.7 110.5





#7
Chloroethane
Concen: 8.549 ppbv
RT: 3.160 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

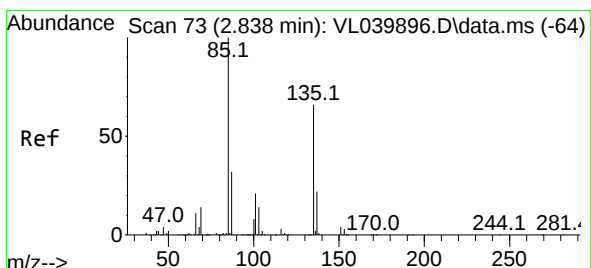
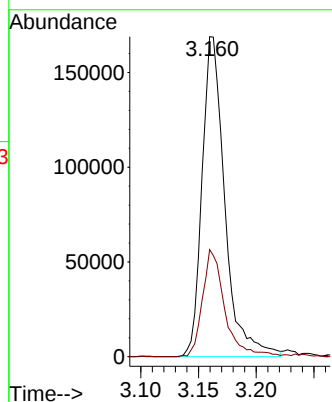
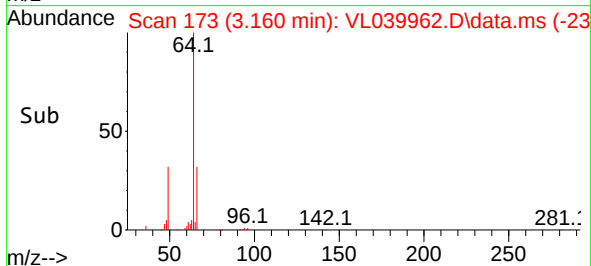
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 23187
Ion Ratio Lower Upper
64 100
66 33.4 27.3 40.9

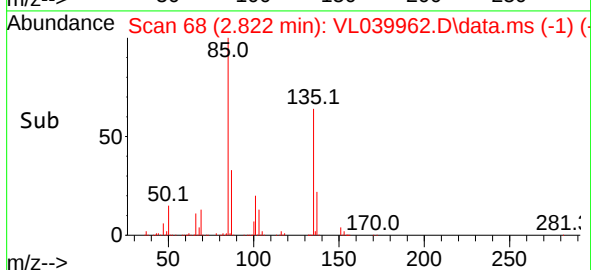
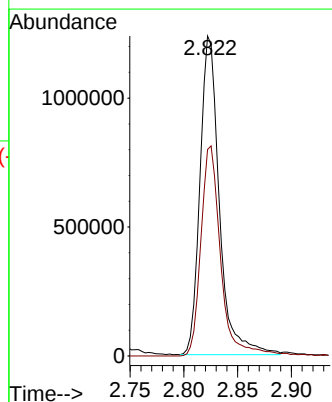
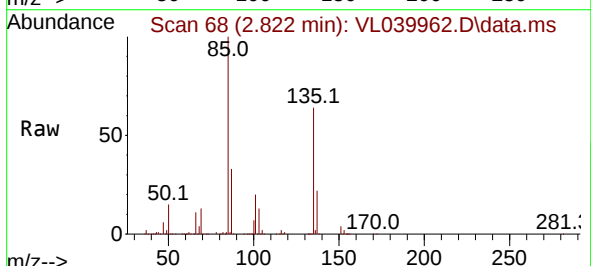
Manual Integrations
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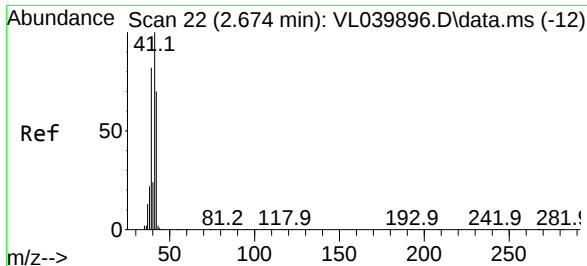
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#8
Dichlorotetrafluoroethane
Concen: 9.538 ppbv
RT: 2.822 min Scan# 68
Delta R.T. -0.013 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

Tgt Ion: 85 Resp: 1553266
Ion Ratio Lower Upper
85 100
135 68.1 54.1 81.1





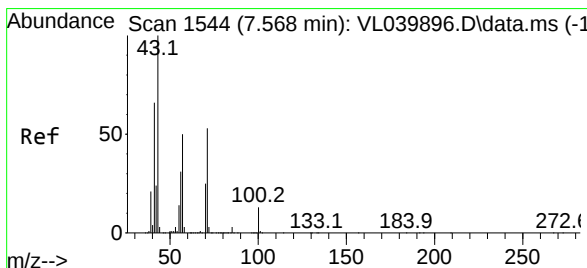
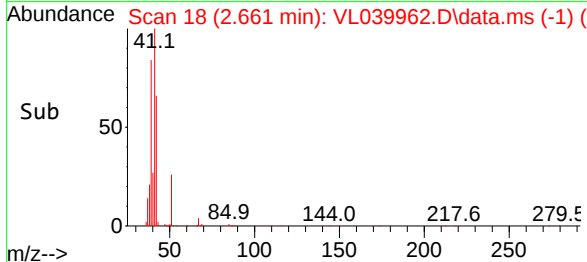
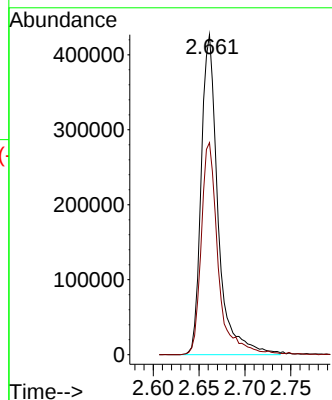
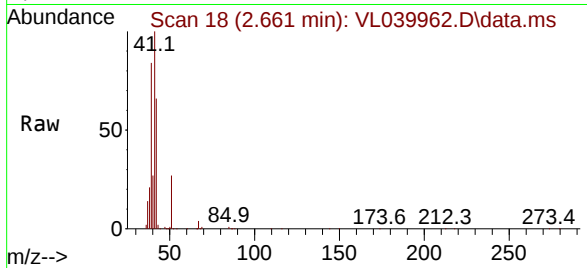
#9
 Propene
 Concen: 8.421 ppbv
 RT: 2.661 min Scan# 11
 Delta R.T. -0.010 min
 Lab File: VL039962.D
 Acq: 2 Dec 2022 9:06

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 54511
 Ion Ratio Lower Upper
 41 100
 42 67.3 55.8 83.6

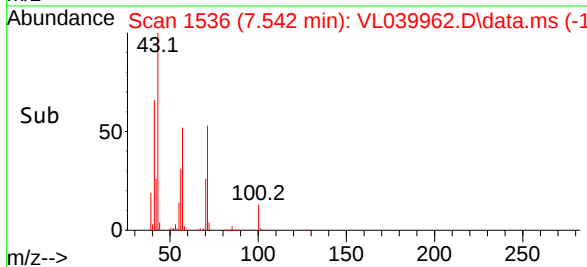
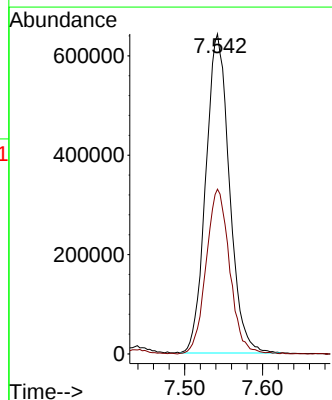
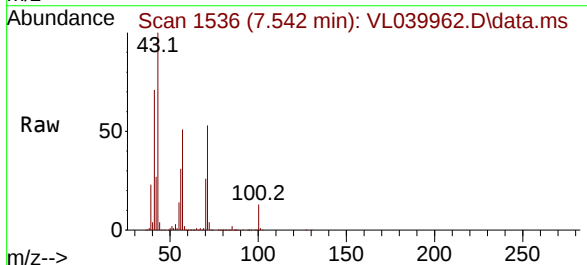
Manual Integrations
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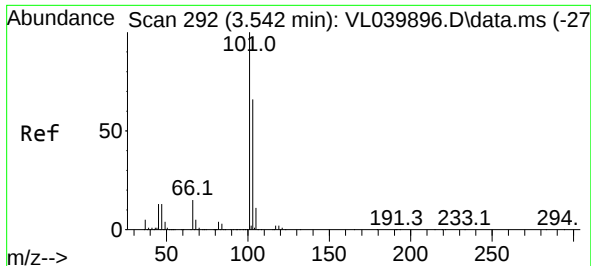
Reviewed By :Semsettin Yesilyurt 12/02/2022
 Supervised By :Mahesh Dadoda 12/05/2022



#10
 Heptane
 Concen: 8.667 ppbv
 RT: 7.542 min Scan# 1536
 Delta R.T. -0.023 min
 Lab File: VL039962.D
 Acq: 2 Dec 2022 9:06

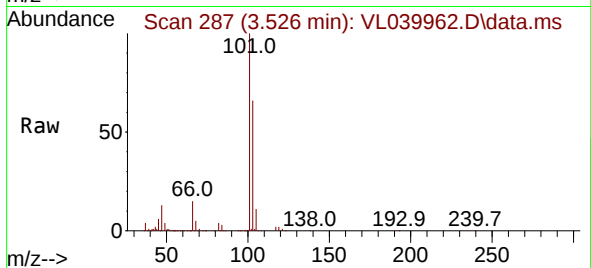
Tgt Ion: 43 Resp: 1353796
 Ion Ratio Lower Upper
 43 100
 57 51.7 40.7 61.1





#11
 Trichlorofluoromethane
 Concen: 9.210 ppbv
 RT: 3.526 min Scan# 21
 Delta R.T. -0.016 min
 Lab File: VL039962.D
 Acq: 2 Dec 2022 9:06

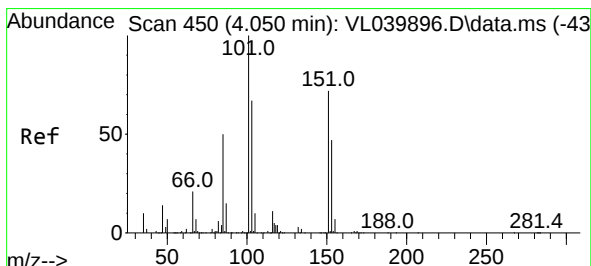
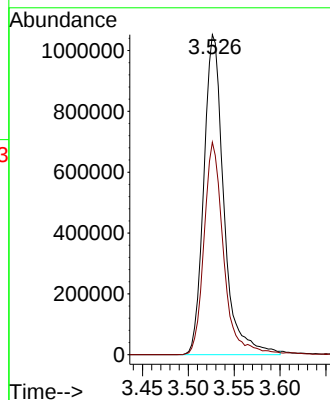
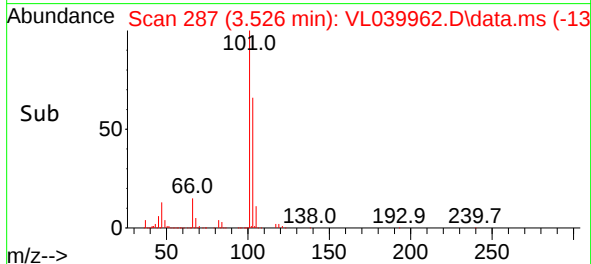
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



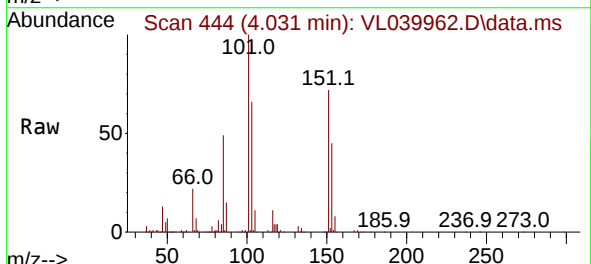
Tgt Ion:101 Resp: 160221
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.6 78.8

Manual Integrations
 APPROVED

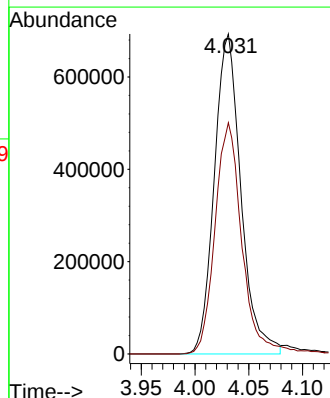
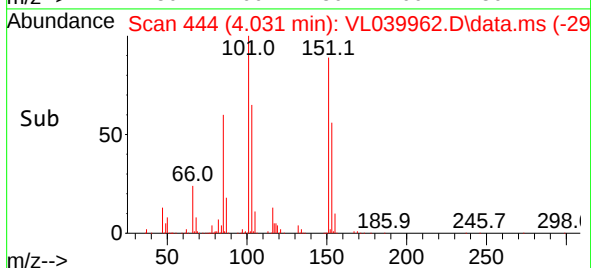
Reviewed By :Semsettin Yesilyurt 12/02/2022
 Supervised By :Mahesh Dadoda 12/05/2022

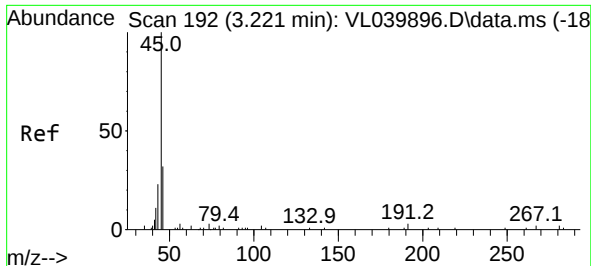


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.067 ppbv
 RT: 4.031 min Scan# 444
 Delta R.T. -0.016 min
 Lab File: VL039962.D
 Acq: 2 Dec 2022 9:06



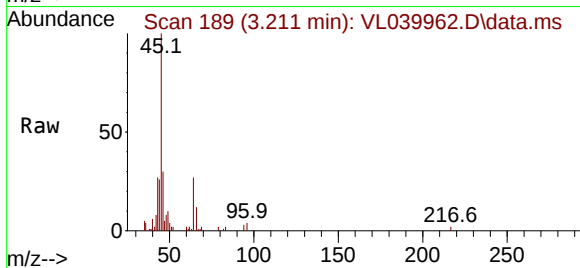
Tgt Ion:101 Resp: 1193860
 Ion Ratio Lower Upper
 101 100
 151 73.6 59.6 89.4





#13
Ethanol
Concen: 5.649 ppbv
RT: 3.211 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

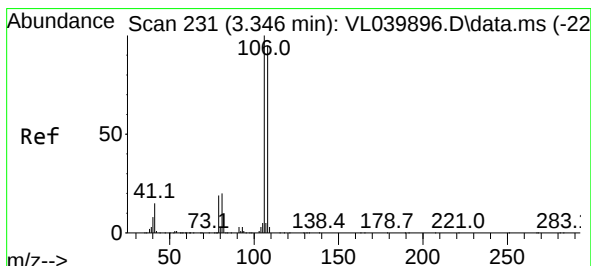
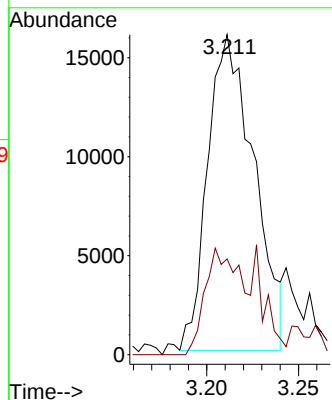
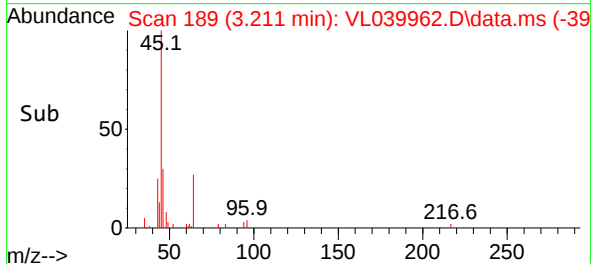
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



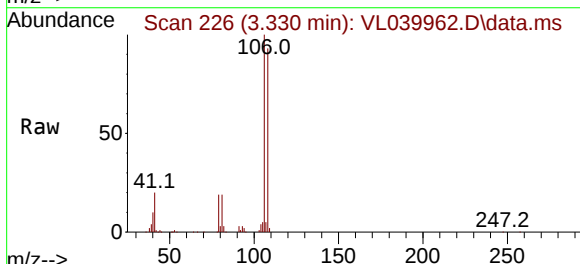
Tgt Ion: 45 Resp: 2791
Ion Ratio Lower Upper
45 100
46 40.3 14.6 58.2

Manual Integrations
APPROVED

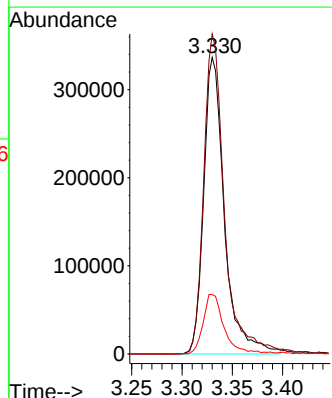
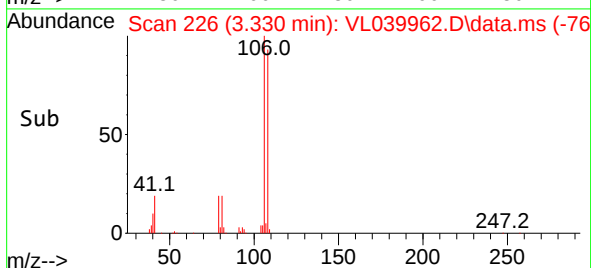
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

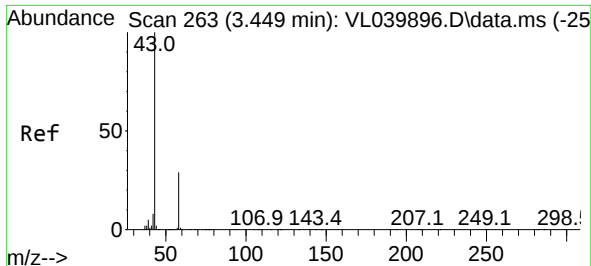


#14
Bromoethene
Concen: 9.397 ppbv
RT: 3.330 min Scan# 226
Delta R.T. -0.016 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06



Tgt Ion:108 Resp: 482467
Ion Ratio Lower Upper
108 100
106 108.7 87.3 130.9
79 20.9 15.9 23.9





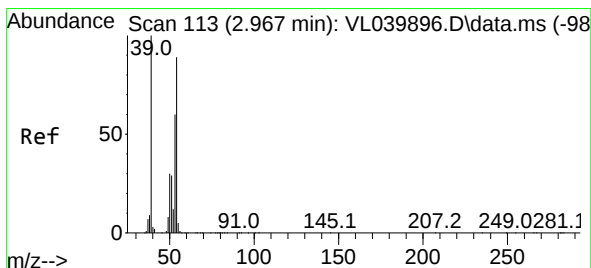
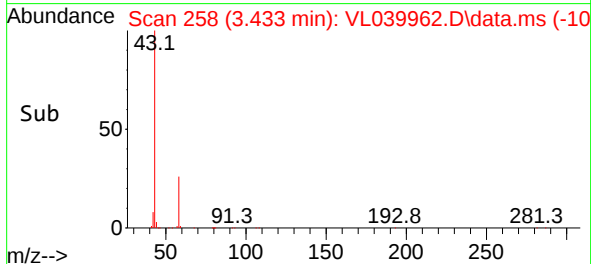
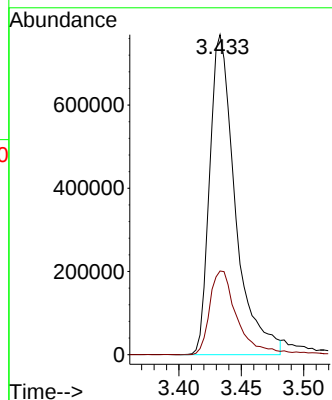
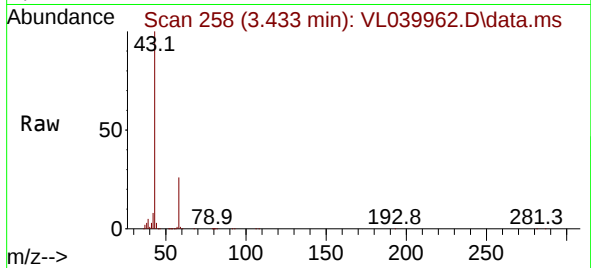
#15
Acetone
Concen: 8.331 ppbv
RT: 3.433 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 110040
Ion Ratio Lower Upper
43 100
58 28.6 22.9 34.3

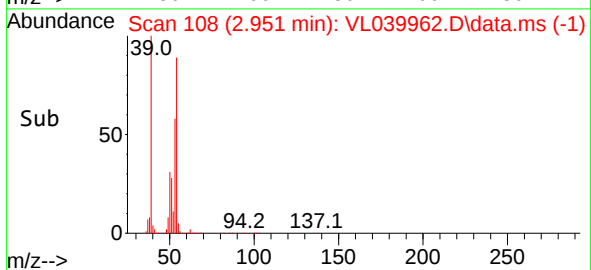
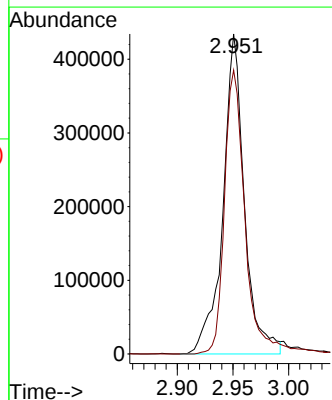
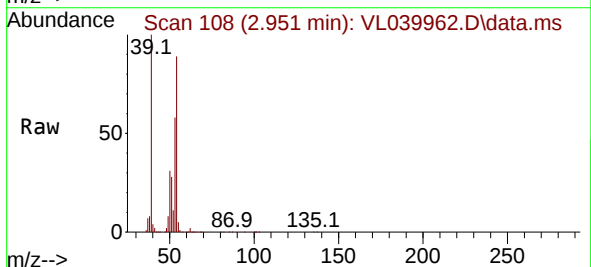
Manual Integrations
APPROVED

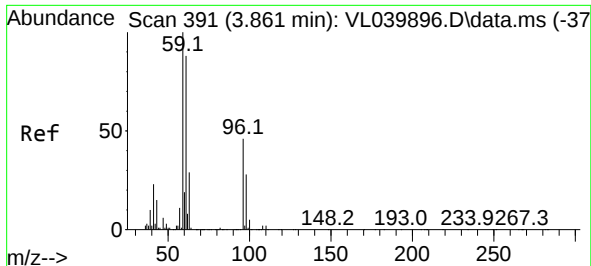
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#16
1,3-Butadiene
Concen: 8.859 ppbv
RT: 2.951 min Scan# 108
Delta R.T. -0.013 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

Tgt Ion: 39 Resp: 583194
Ion Ratio Lower Upper
39 100
54 86.1 66.6 99.8





#17

tert-Butyl alcohol

Concen: 8.486 ppbv

RT: 3.841 min Scan# 385

Delta R.T. -0.016 min

Lab File: VL039962.D

Acq: 2 Dec 2022 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 128866

Ion Ratio Lower Upper

59 100

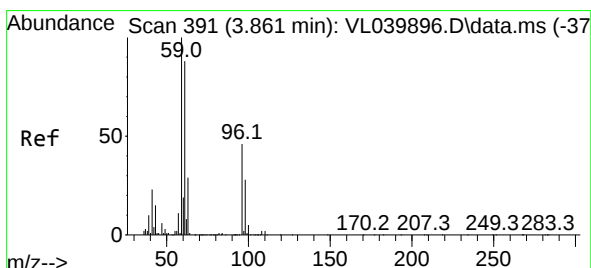
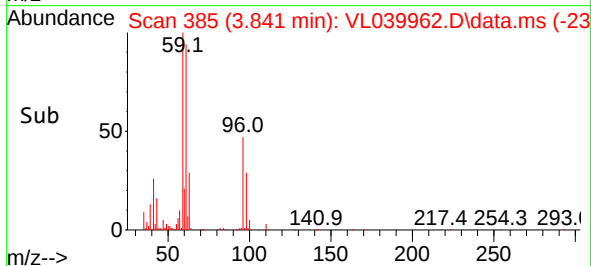
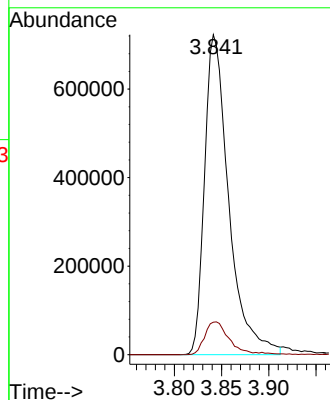
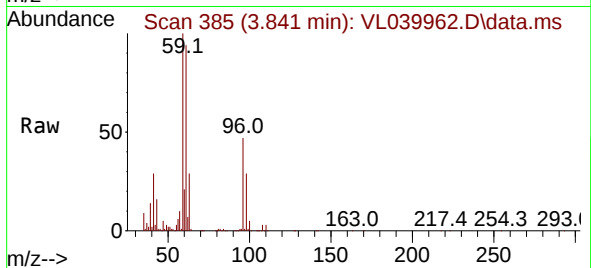
57 10.7 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/02/2022

Supervised By :Mahesh Dadoda 12/05/2022



#18

1,1-Dichloroethene

Concen: 8.883 ppbv

RT: 3.844 min Scan# 386

Delta R.T. -0.016 min

Lab File: VL039962.D

Acq: 2 Dec 2022 9:06

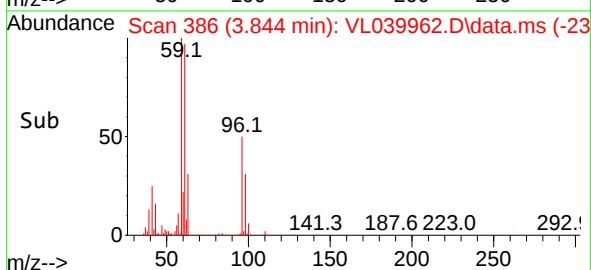
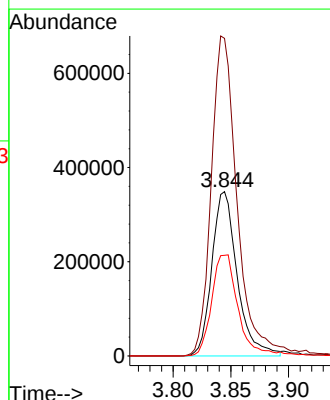
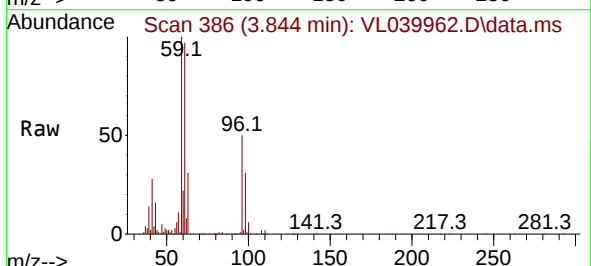
Tgt Ion: 96 Resp: 533502

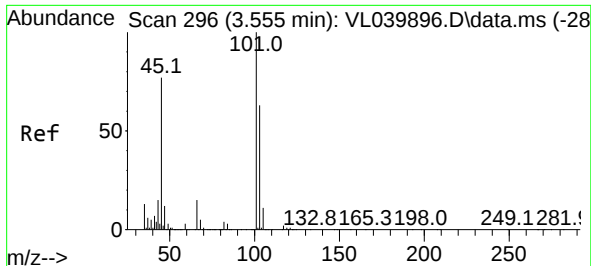
Ion Ratio Lower Upper

96 100

61 193.3 153.4 230.2

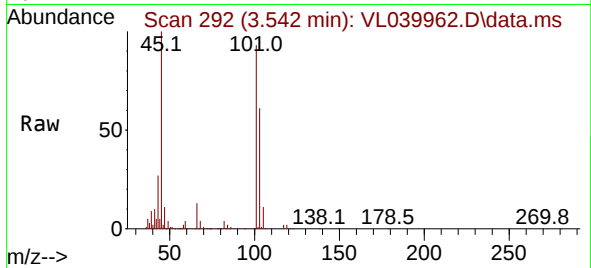
98 61.2 48.9 73.3





#19
Isopropyl Alcohol
Concen: 7.889 ppbv
RT: 3.542 min Scan# 296
Delta R.T. -0.013 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

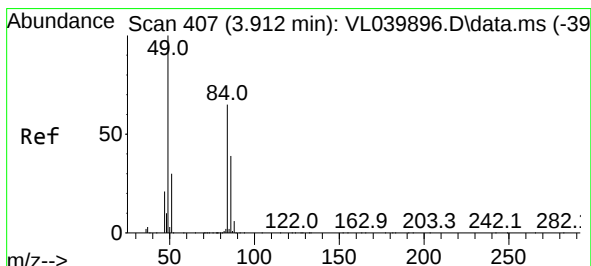
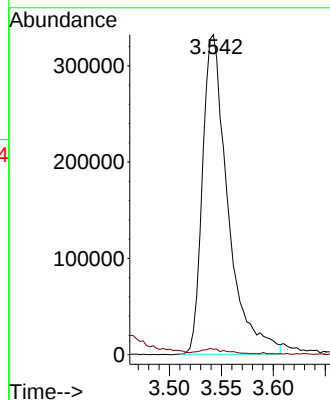
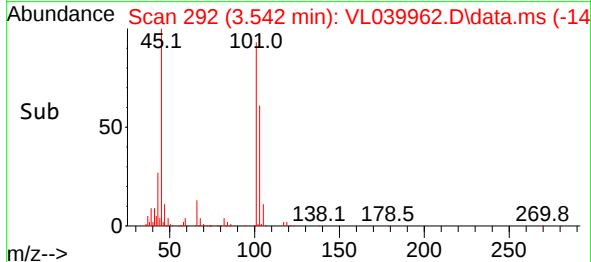
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



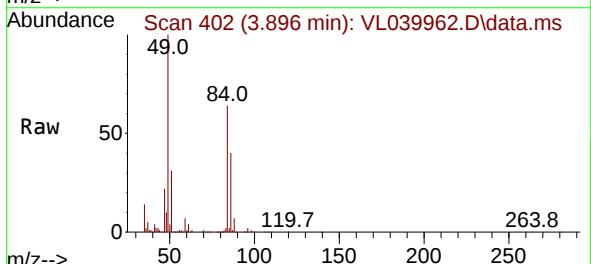
Tgt Ion: 45 Resp: 56418
Ion Ratio Lower Upper
45 100
58 1.9 38.7 58.1

Manual Integrations
APPROVED

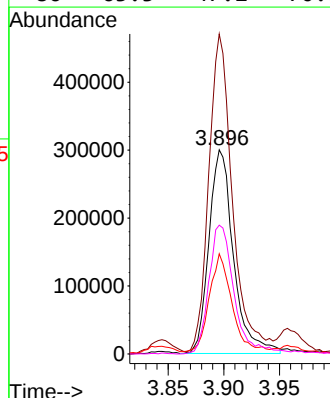
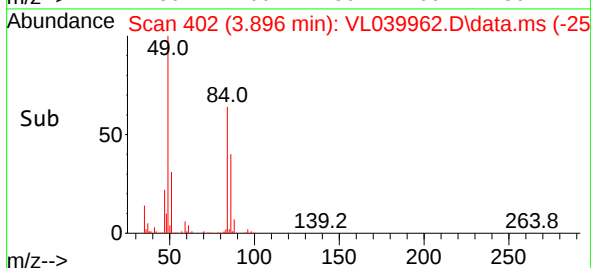
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

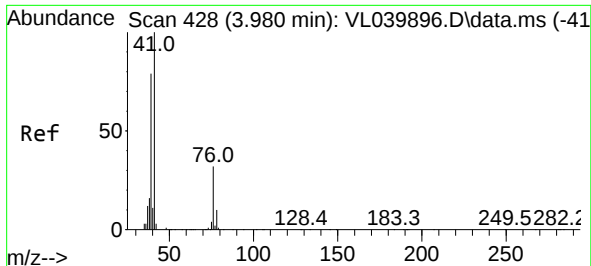


#20
Methylene Chloride
Concen: 7.190 ppbv
RT: 3.896 min Scan# 402
Delta R.T. -0.016 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06



Tgt Ion: 84 Resp: 460085
Ion Ratio Lower Upper
84 100
49 155.1 122.2 183.4
51 48.0 36.3 54.5
86 63.3 47.2 70.8





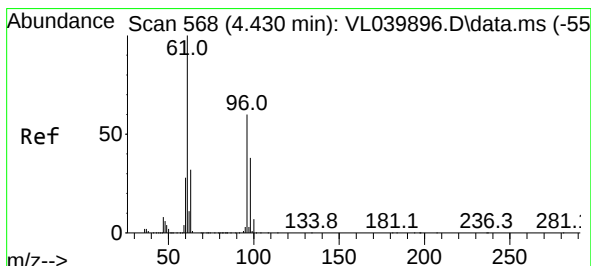
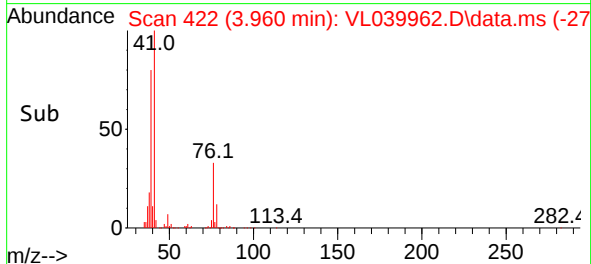
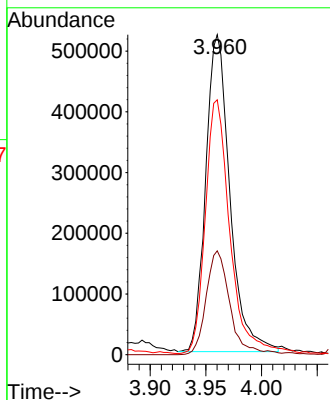
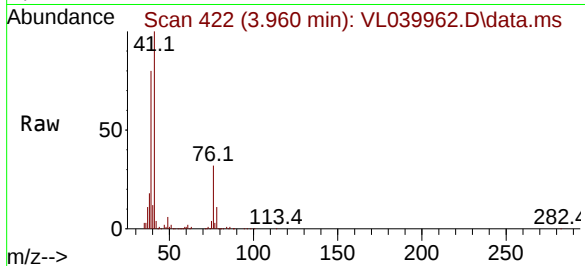
#21
 Allyl Chloride
 Concen: 8.587 ppbv
 RT: 3.960 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL039962.D
 Acq: 2 Dec 2022 9:06

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 786778
 Ion Ratio Lower Upper
 41 100
 76 32.6 25.6 38.4
 39 82.2 65.2 97.8

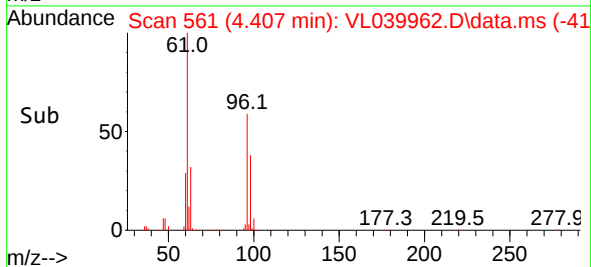
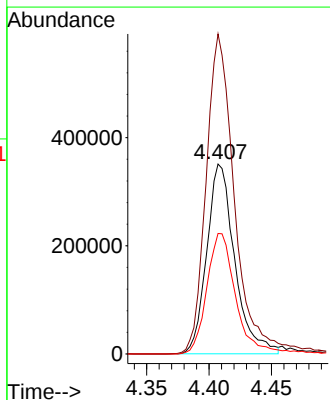
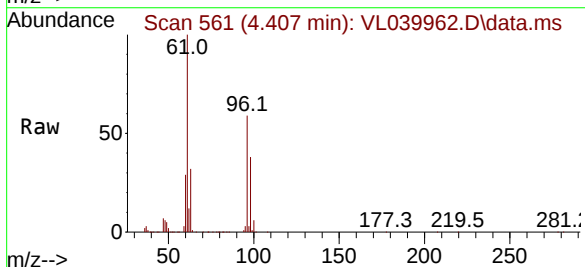
Manual Integrations
 APPROVED

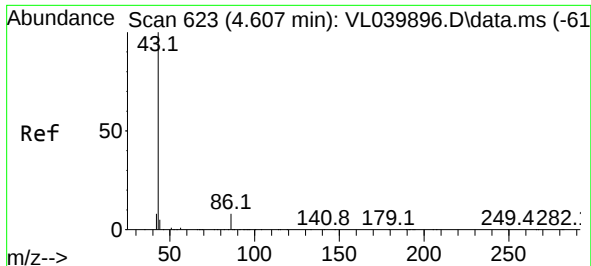
Reviewed By :Semsettin Yesilyurt 12/02/2022
 Supervised By :Mahesh Dadoda 12/05/2022



#22
 trans-1,2-Dichloroethene
 Concen: 8.992 ppbv
 RT: 4.407 min Scan# 561
 Delta R.T. -0.019 min
 Lab File: VL039962.D
 Acq: 2 Dec 2022 9:06

Tgt Ion: 96 Resp: 549184
 Ion Ratio Lower Upper
 96 100
 61 168.3 134.1 201.1
 98 63.5 50.4 75.6





#23
 Vinyl Acetate
 Concen: 3.743 ppbv
 RT: 4.590 min Scan# 618
 Delta R.T. -0.016 min
 Lab File: VL039962.D
 Acq: 2 Dec 2022 9:06

Instrument :

MSVOA_L

ClientSampleId :

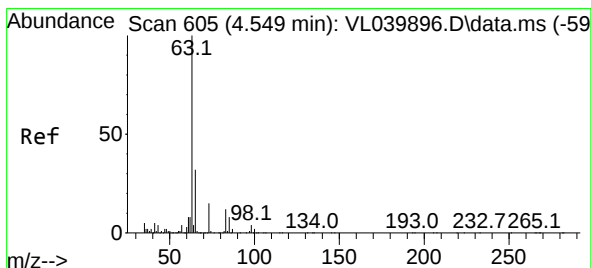
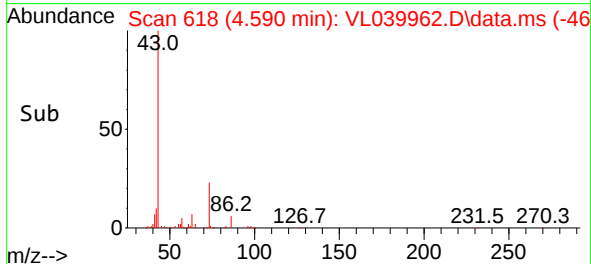
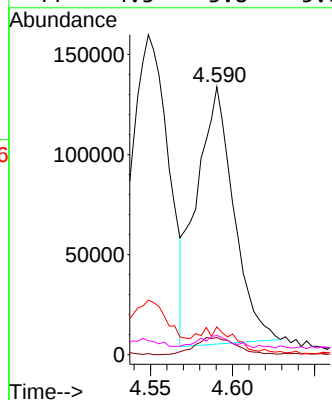
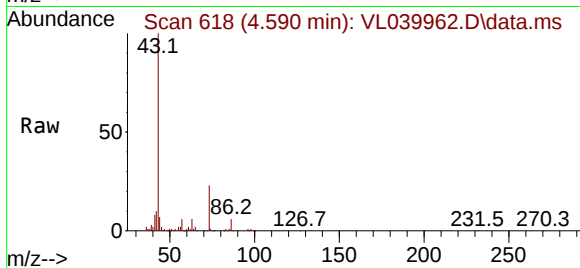
VSTDCCC010EC

Tgt Ion: 43 Resp: 20310
 Ion Ratio Lower Upper
 43 100
 86 6.5 5.0 7.4
 42 9.8 7.6 11.4
 44 4.3 3.8 5.6

Manual Integrations

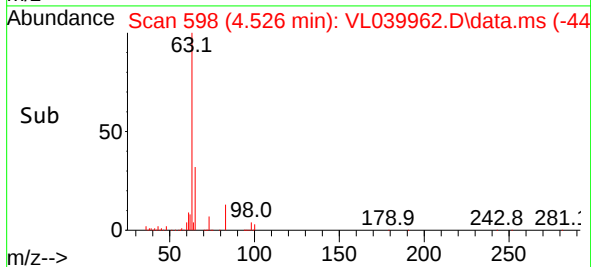
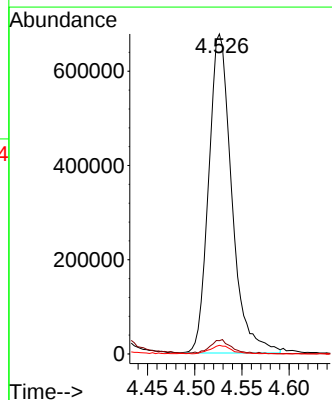
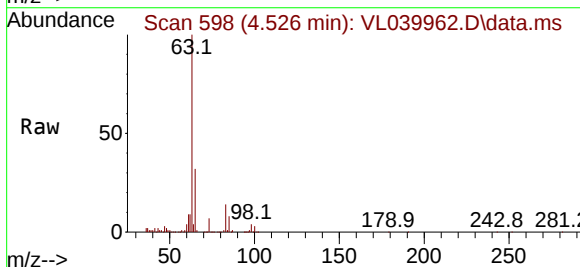
APPROVED

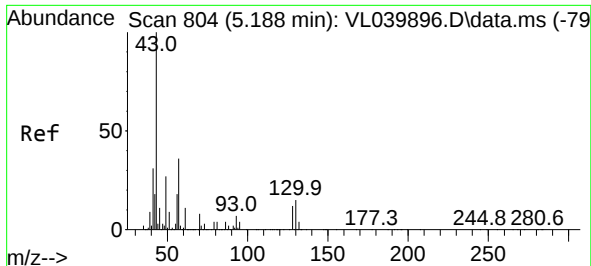
Reviewed By :Semsettin Yesilyurt 12/02/2022
 Supervised By :Mahesh Dadoda 12/05/2022



#24
 1,1-Dichloroethane
 Concen: 8.792 ppbv
 RT: 4.526 min Scan# 598
 Delta R.T. -0.016 min
 Lab File: VL039962.D
 Acq: 2 Dec 2022 9:06

Tgt Ion: 63 Resp: 1150318
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.1 6.5
 100 2.7 1.1 3.5





#25

Ethyl Acetate

Concen: 10.118 ppbv

RT: 5.166 min Scan# 79

Delta R.T. -0.019 min

Lab File: VL039962.D

Acq: 2 Dec 2022 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 245384

Ion Ratio Lower Upper

43 100

45 11.1 8.4 12.6

61 10.9 8.5 12.7

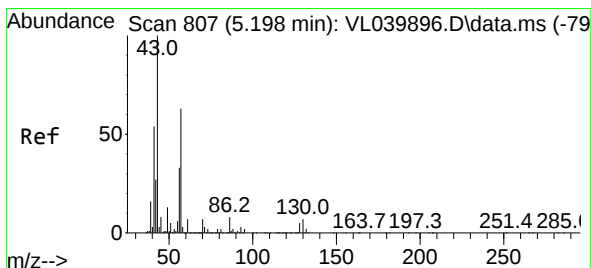
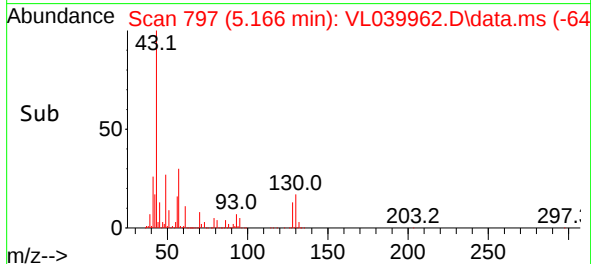
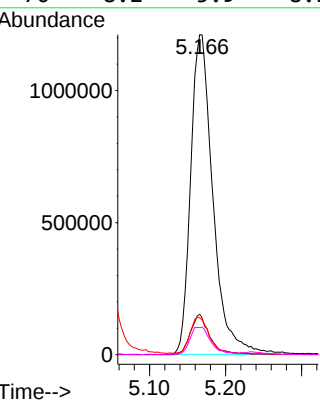
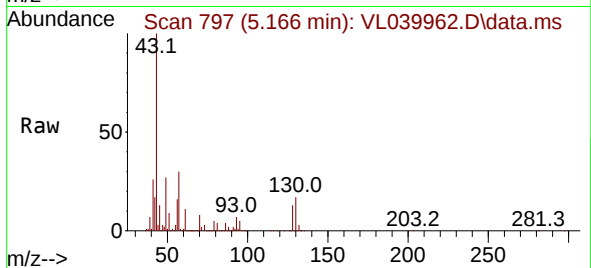
70 8.2 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/02/2022

Supervised By :Mahesh Dadoda 12/05/2022



#26

Hexane

Concen: 8.737 ppbv

RT: 5.176 min Scan# 800

Delta R.T. -0.019 min

Lab File: VL039962.D

Acq: 2 Dec 2022 9:06

Tgt Ion: 57 Resp: 925642

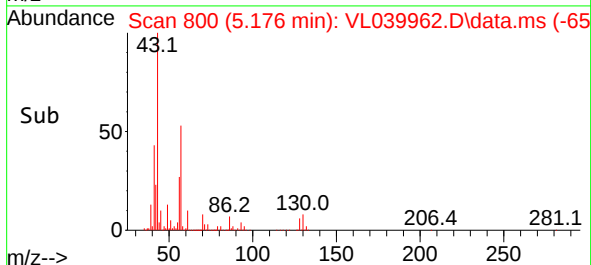
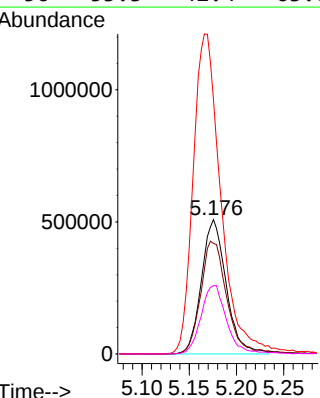
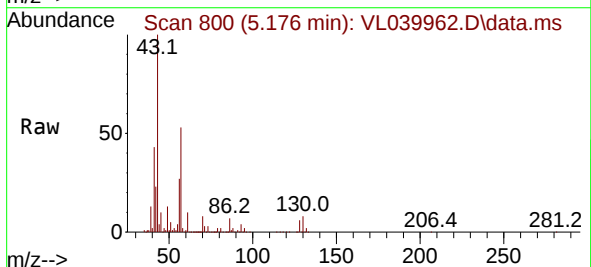
Ion Ratio Lower Upper

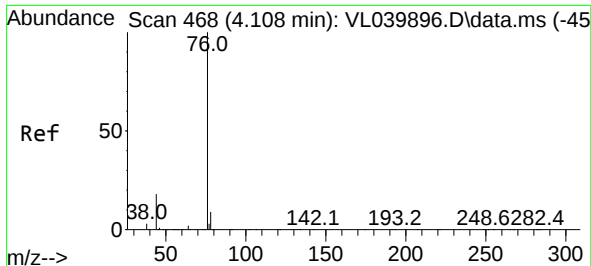
57 100

41 89.9 72.3 108.5

43 269.0 188.7 283.1

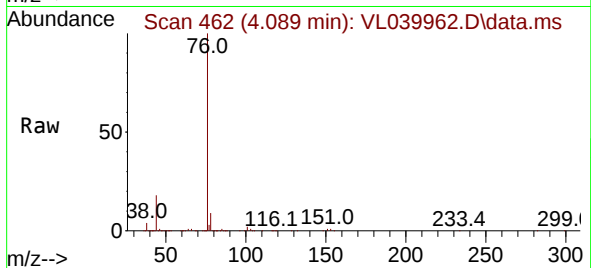
56 53.3 42.4 63.6





#27
Carbon Disulfide
Concen: 9.712 ppbv
RT: 4.089 min Scan# 40
Delta R.T. -0.016 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

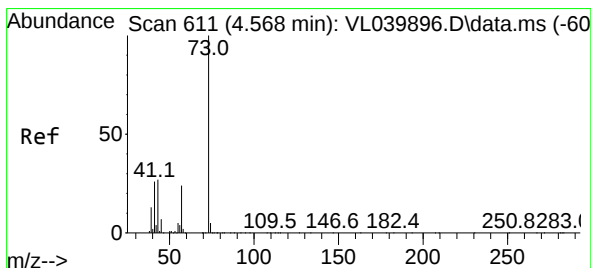
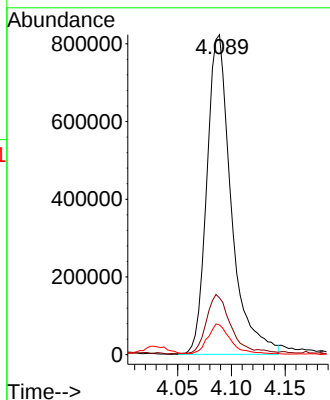
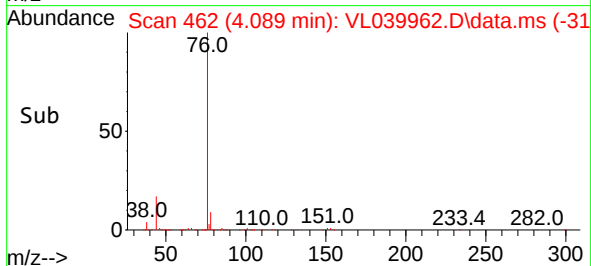
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



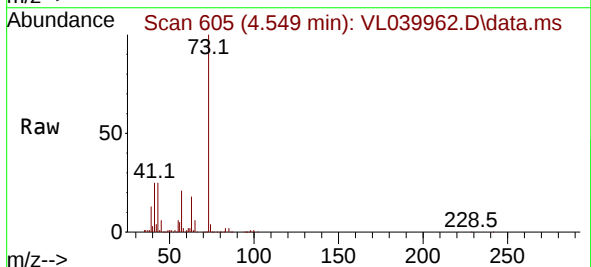
Tgt Ion: 76 Resp: 129898
Ion Ratio Lower Upper
76 100
44 19.2 14.7 22.1
78 9.8 7.8 11.8

Manual Integrations
APPROVED

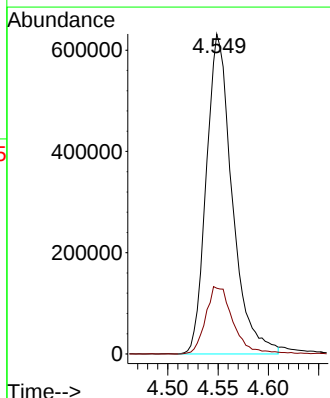
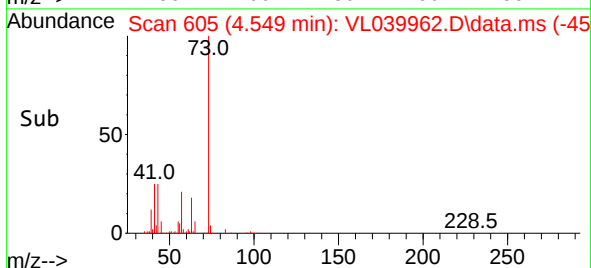
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

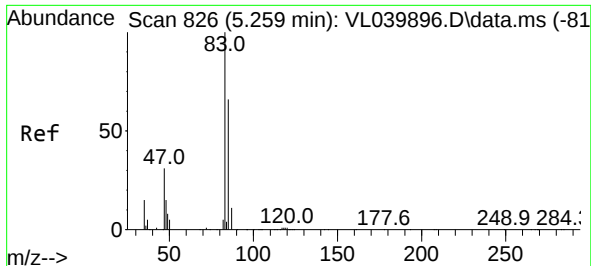


#28
Methyl tert-Butyl Ether
Concen: 8.538 ppbv
RT: 4.549 min Scan# 605
Delta R.T. -0.016 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06



Tgt Ion: 73 Resp: 1132445
Ion Ratio Lower Upper
73 100
57 22.4 18.9 28.3





#29

Chloroform

Concen: 10.852 ppbv

RT: 5.237 min Scan# 81

Delta R.T. -0.019 min

Lab File: VL039962.D

Acq: 2 Dec 2022 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 1527819

Ion Ratio Lower Upper

83 100

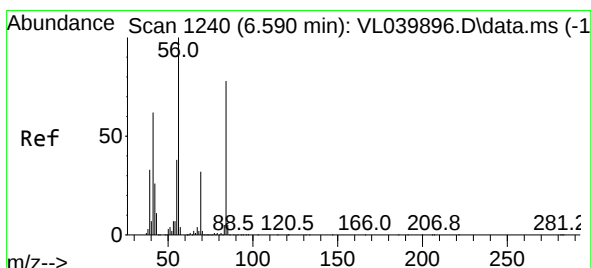
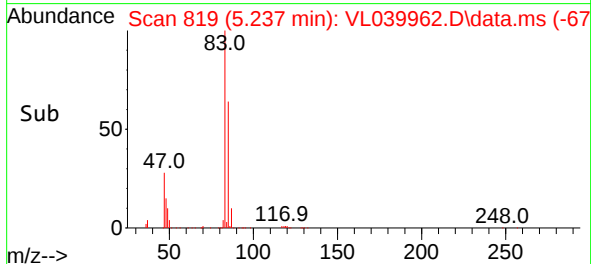
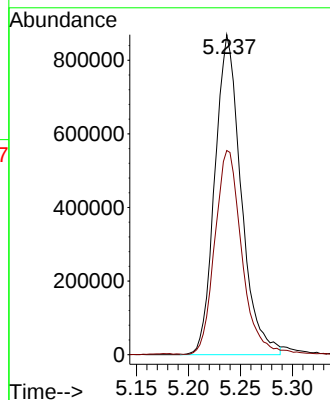
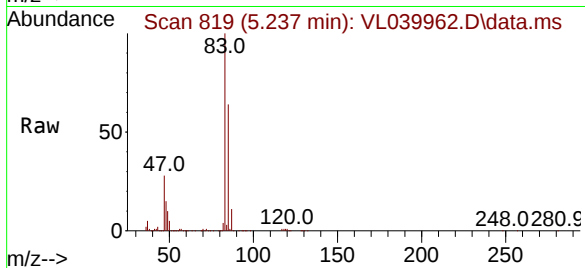
85 63.6 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/02/2022

Supervised By :Mahesh Dadoda 12/05/2022



#30

Cyclohexane

Concen: 8.806 ppbv

RT: 6.565 min Scan# 1232

Delta R.T. -0.019 min

Lab File: VL039962.D

Acq: 2 Dec 2022 9:06

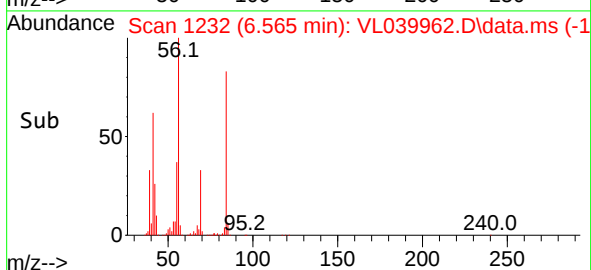
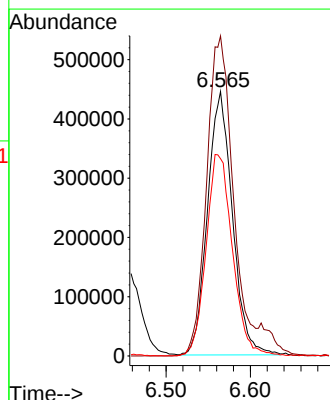
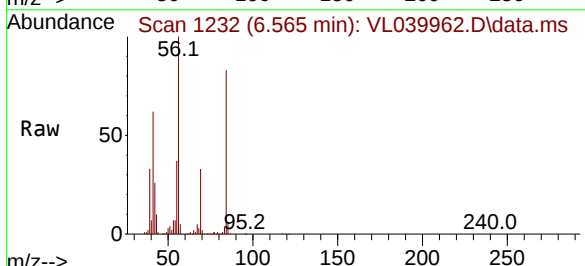
Tgt Ion: 84 Resp: 915466

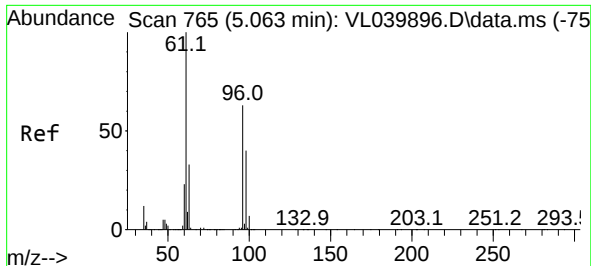
Ion Ratio Lower Upper

84 100

56 135.9 112.5 168.7

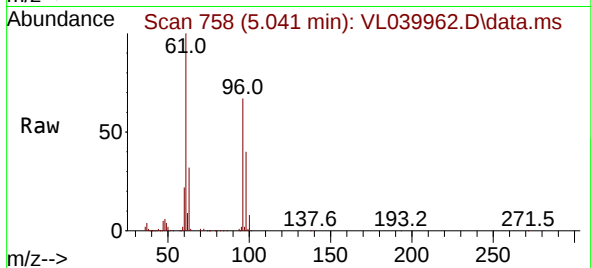
41 80.9 67.8 101.8





#31
 cis-1,2-Dichloroethene
 Concen: 9.010 ppbv
 RT: 5.041 min Scan# 701
 Delta R.T. -0.016 min
 Lab File: VL039962.D
 Acq: 2 Dec 2022 9:06

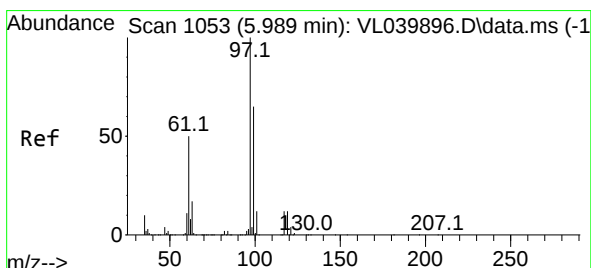
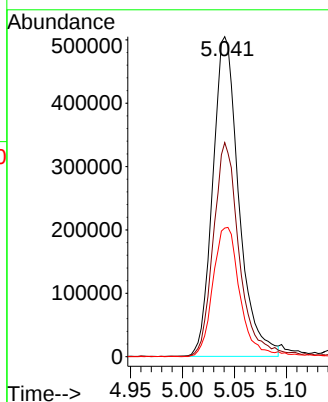
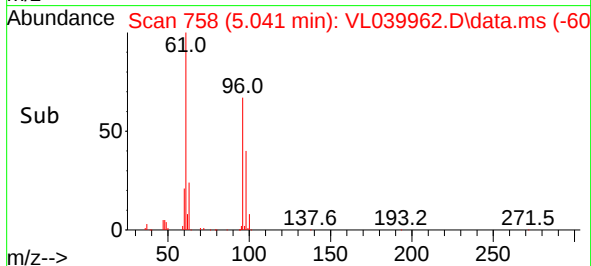
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



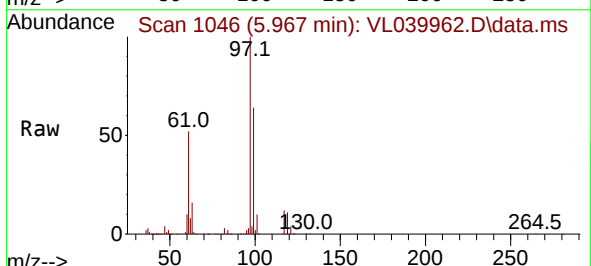
Tgt Ion: 61 Resp: 881900
 Ion Ratio Lower Upper
 61 100
 96 66.8 50.3 75.5
 98 40.2 32.2 48.2

Manual Integrations
 APPROVED

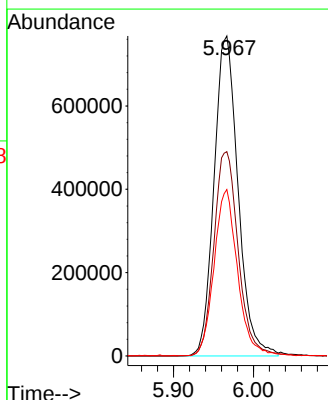
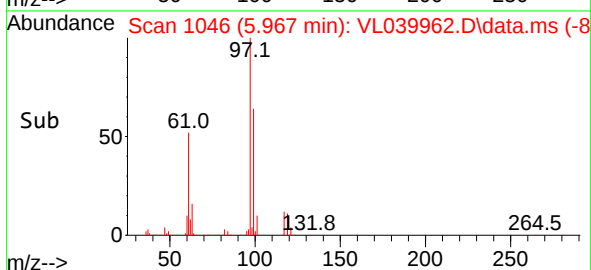
Reviewed By :Semsettin Yesilyurt 12/02/2022
 Supervised By :Mahesh Dadoda 12/05/2022

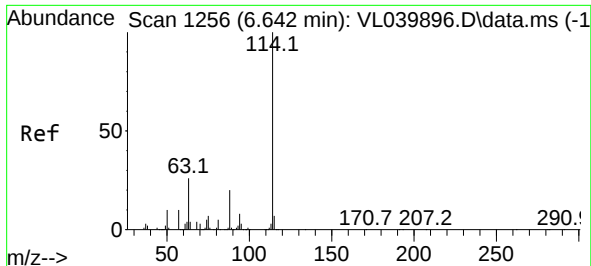


#32
 1,1,1-Trichloroethane
 Concen: 9.103 ppbv
 RT: 5.967 min Scan# 1046
 Delta R.T. -0.016 min
 Lab File: VL039962.D
 Acq: 2 Dec 2022 9:06



Tgt Ion: 97 Resp: 1600516
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.4 77.0
 61 51.4 40.7 61.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.616 min Scan# 114

Delta R.T. -0.019 min

Lab File: VL039962.D

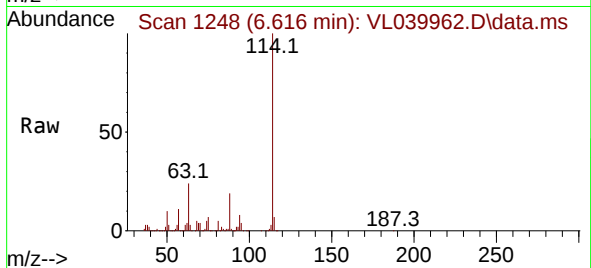
Acq: 2 Dec 2022 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:114 Resp: 309439

Ion Ratio Lower Upper

114 100

63 25.1 21.4 32.0

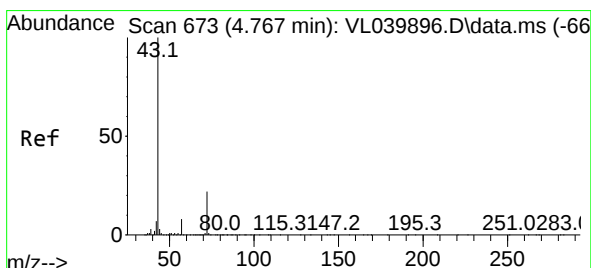
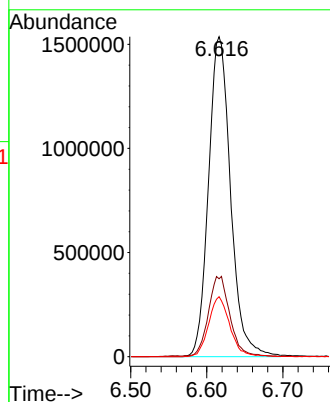
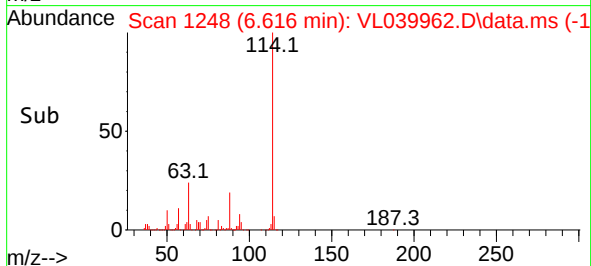
88 18.2 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/02/2022

Supervised By :Mahesh Dadoda 12/05/2022



#34

2-Butanone

Concen: 8.849 ppbv

RT: 4.748 min Scan# 667

Delta R.T. -0.019 min

Lab File: VL039962.D

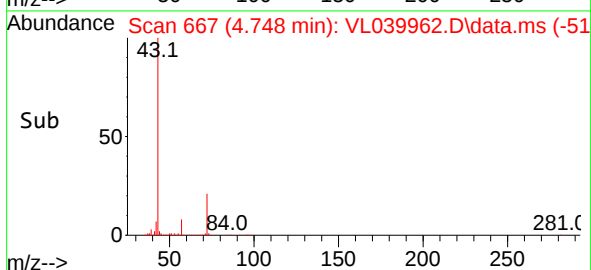
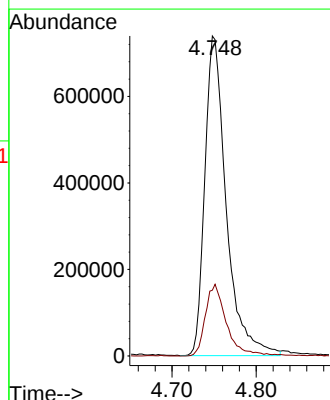
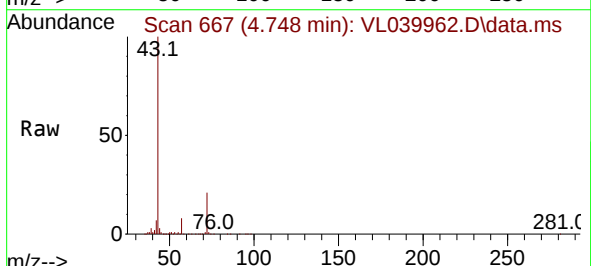
Acq: 2 Dec 2022 9:06

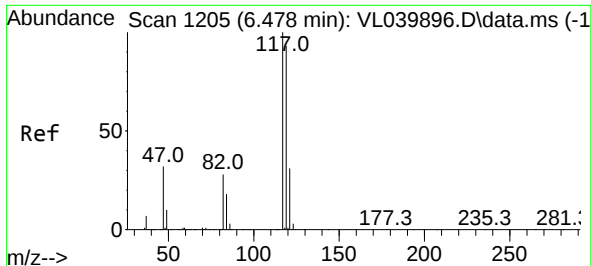
Tgt Ion: 43 Resp: 1310293

Ion Ratio Lower Upper

43 100

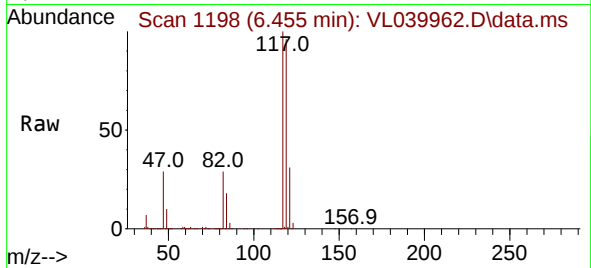
72 22.4 17.4 26.2





#35
Carbon Tetrachloride
Concen: 9.450 ppbv
RT: 6.455 min Scan# 1118
Delta R.T. -0.023 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

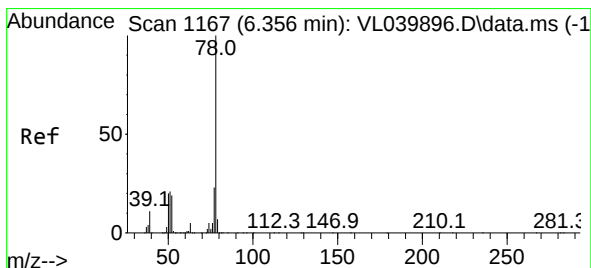
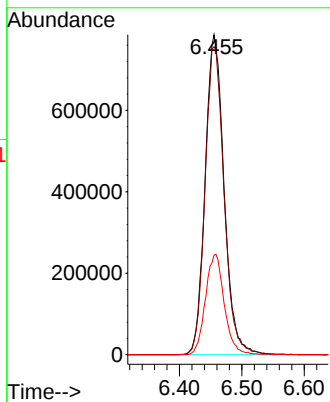
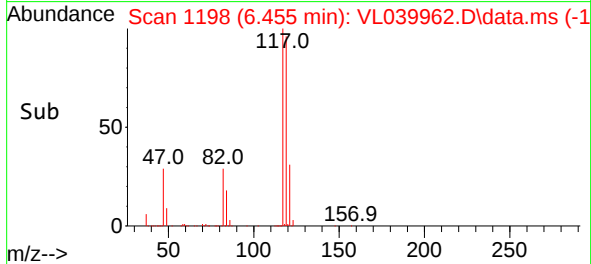
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 1660700
Ion Ratio Lower Upper
117 100
119 96.2 74.7 112.1
121 31.1 24.5 36.7

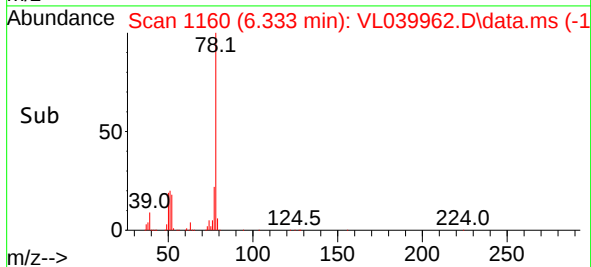
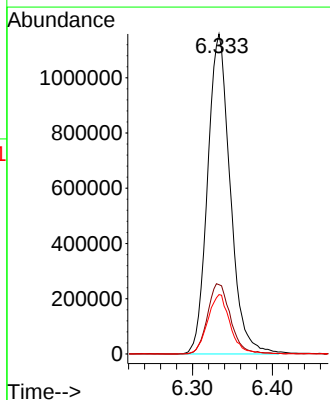
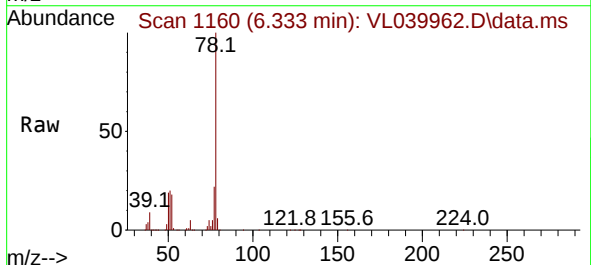
Manual Integrations
APPROVED

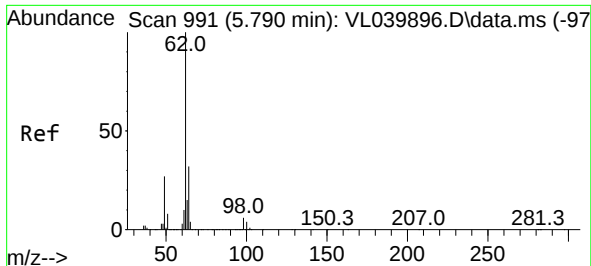
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#36
Benzene
Concen: 8.641 ppbv
RT: 6.333 min Scan# 1160
Delta R.T. -0.019 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

Tgt Ion: 78 Resp: 2272777
Ion Ratio Lower Upper
78 100
77 21.7 18.2 27.2
50 18.5 15.8 23.8





#37

1,2-Dichloroethane

Concen: 8.471 ppbv

RT: 5.767 min Scan# 91

Delta R.T. -0.019 min

Lab File: VL039962.D

Acq: 2 Dec 2022 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 62 Resp: 122101

Ion Ratio Lower Upper

62 100

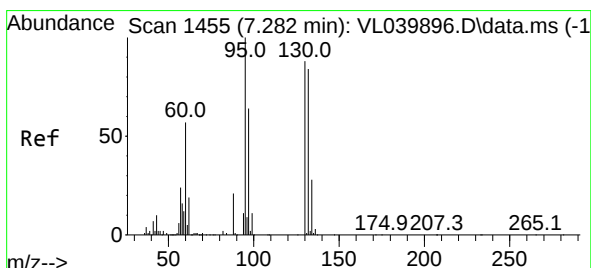
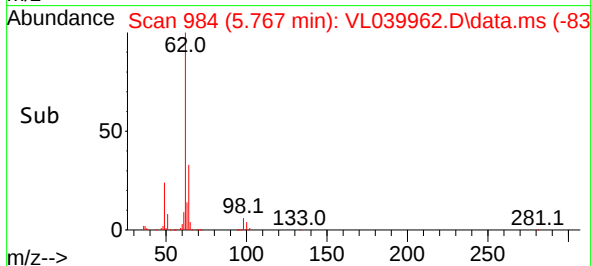
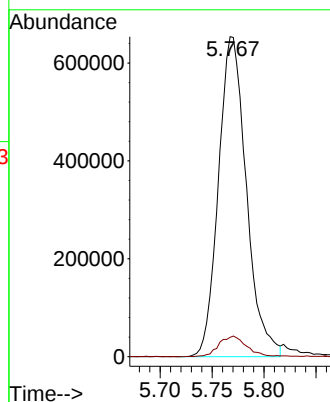
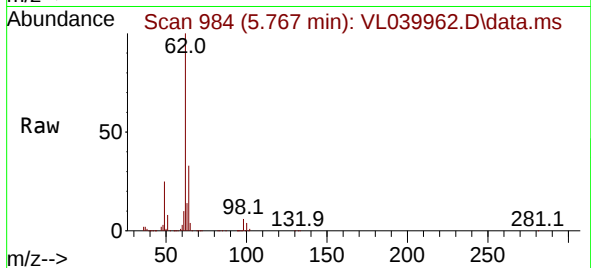
98 6.7 5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/02/2022

Supervised By :Mahesh Dadoda 12/05/2022



#38

Trichloroethene

Concen: 7.232 ppbv

RT: 7.253 min Scan# 1446

Delta R.T. -0.023 min

Lab File: VL039962.D

Acq: 2 Dec 2022 9:06

Tgt Ion:130 Resp: 1063363

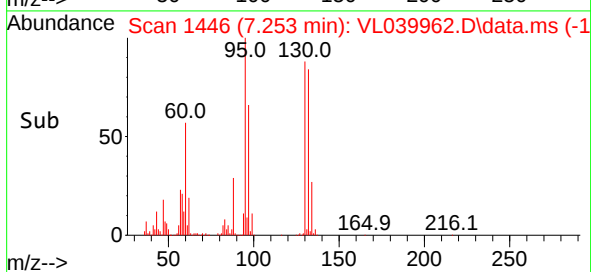
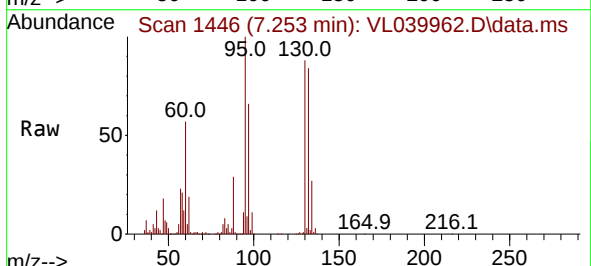
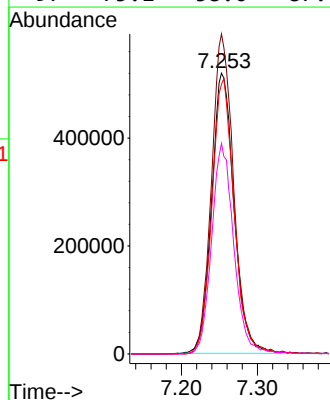
Ion Ratio Lower Upper

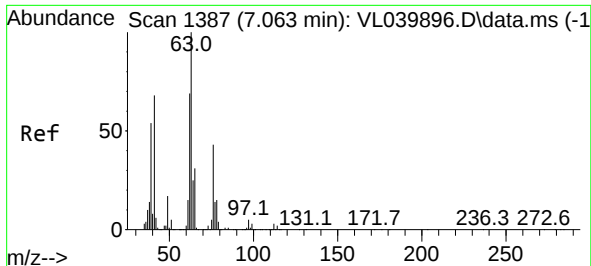
130 100

95 114.1 90.6 135.8

132 96.2 76.2 114.4

97 75.1 58.0 87.0





#39

1,2-Dichloropropane

Concen: 8.355 ppbv

RT: 7.037 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL039962.D

Acq: 2 Dec 2022 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 63 Resp: 856178

Ion Ratio Lower Upper

63 100

41 65.2 54.7 82.1

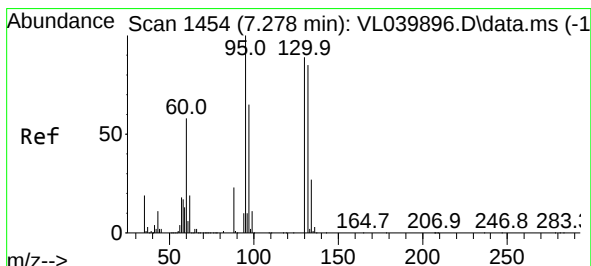
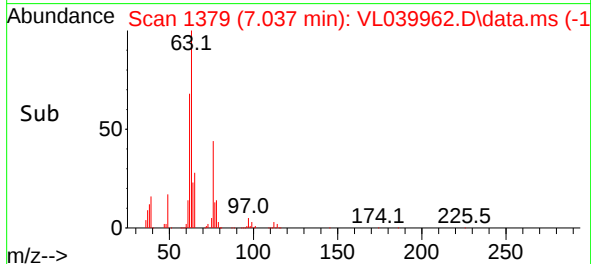
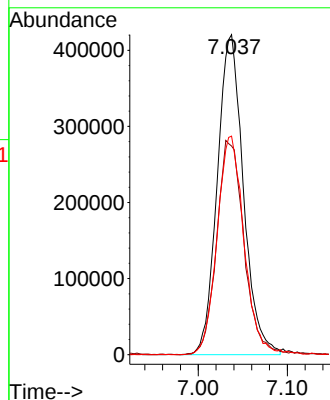
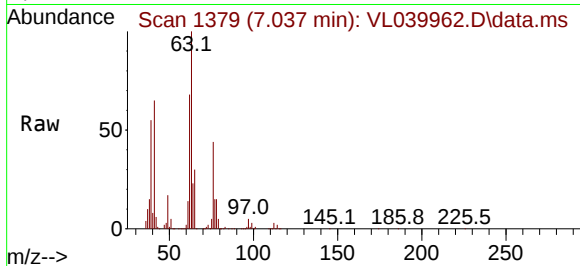
62 68.3 55.0 82.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/02/2022

Supervised By :Mahesh Dadoda 12/05/2022



#40

1,4-Dioxane

Concen: 8.648 ppbv

RT: 7.253 min Scan# 1446

Delta R.T. -0.019 min

Lab File: VL039962.D

Acq: 2 Dec 2022 9:06

Tgt Ion: 88 Resp: 353027

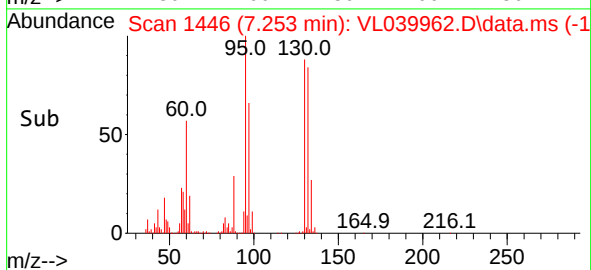
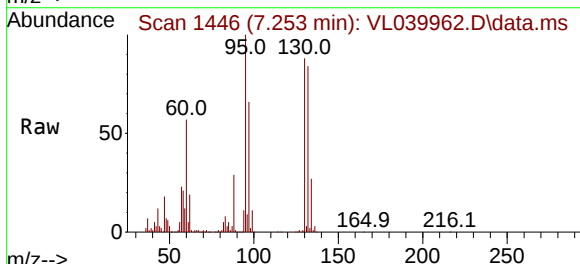
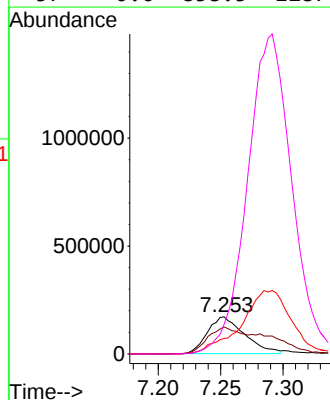
Ion Ratio Lower Upper

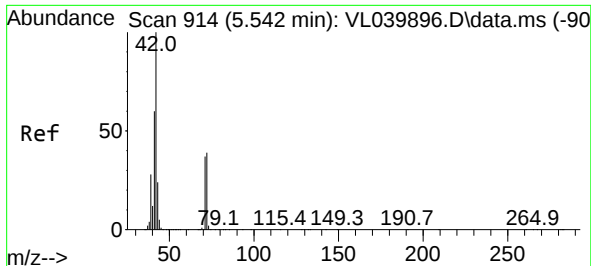
88 100

58 121.6 100.5 150.7

43 0.0 195.8 293.8#

57 0.0 858.5 1287.7#





#41

Tetrahydrofuran

Concen: 8.803 ppbv

RT: 5.520 min Scan# 90

Delta R.T. -0.019 min

Lab File: VL039962.D

Acq: 2 Dec 2022 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

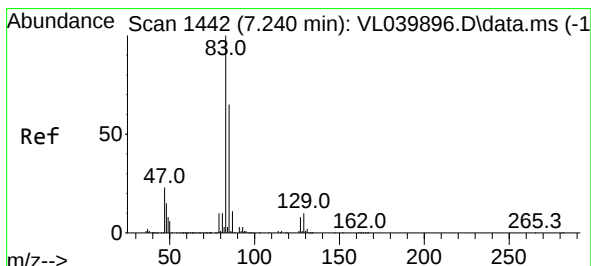
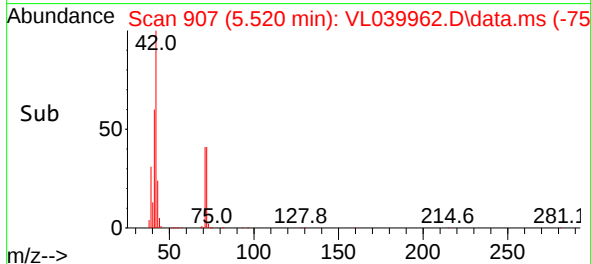
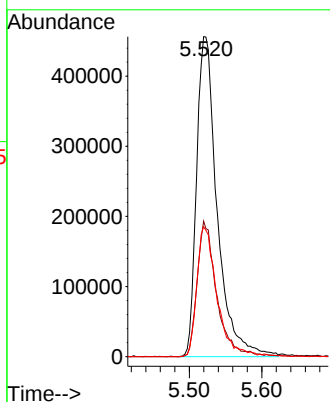
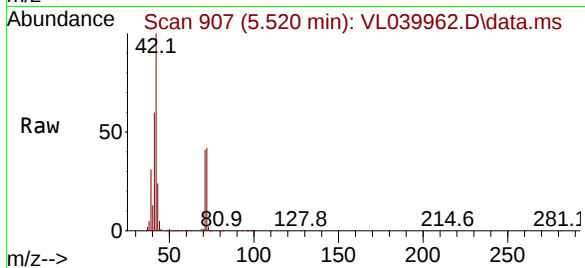
Tgt Ion: 42 Resp: 89985

Ion	Ratio	Lower	Upper
42	100		
72	40.4	31.6	47.4
71	39.9	31.2	46.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#42

Bromodichloromethane

Concen: 9.185 ppbv

RT: 7.211 min Scan# 1433

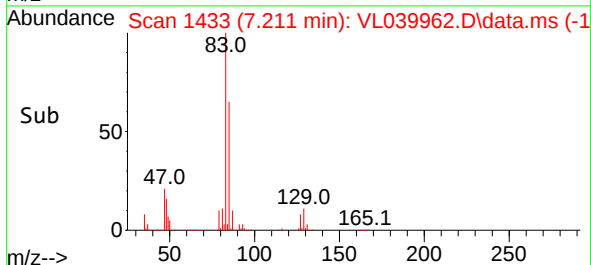
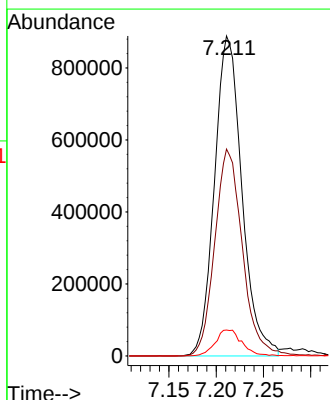
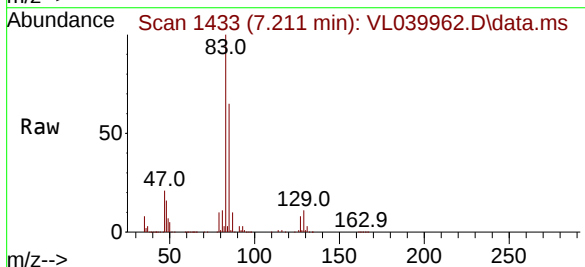
Delta R.T. -0.023 min

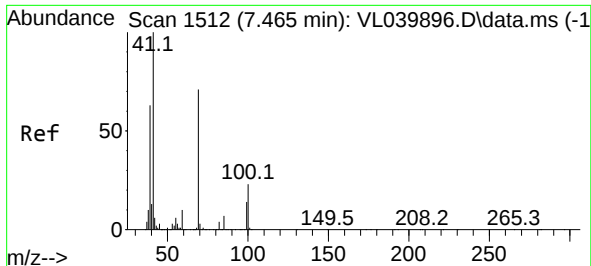
Lab File: VL039962.D

Acq: 2 Dec 2022 9:06

Tgt Ion: 83 Resp: 1795518

Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.0	78.0
127	8.1	6.5	9.7





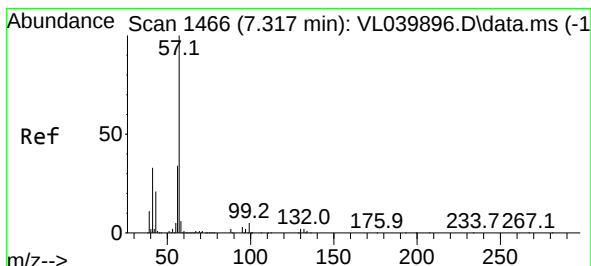
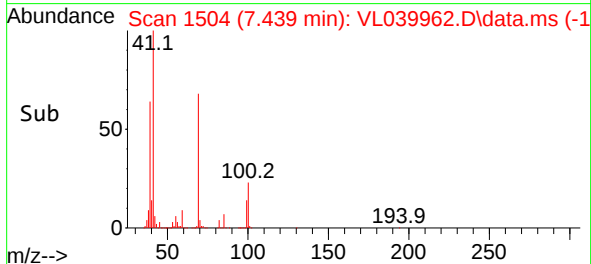
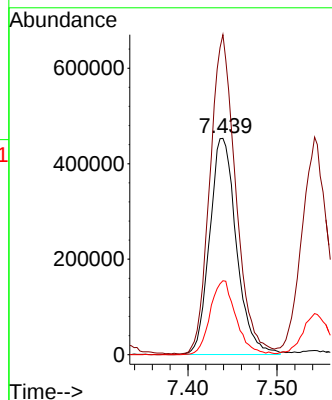
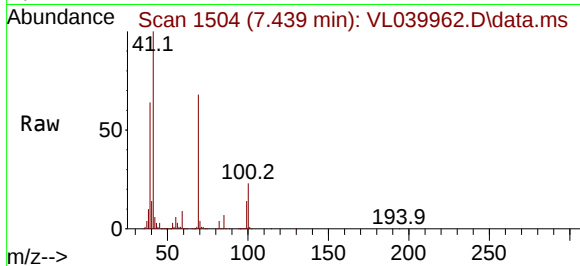
#43
Methyl Methacrylate
Concen: 9.159 ppbv
RT: 7.439 min Scan# 1458
Delta R.T. -0.019 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 94449
Ion Ratio Lower Upper
69 100
41 142.6 116.4 174.6
100 32.9 26.8 40.2

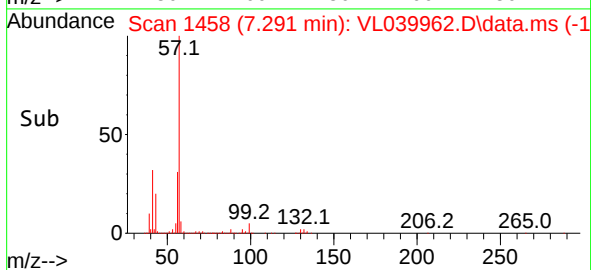
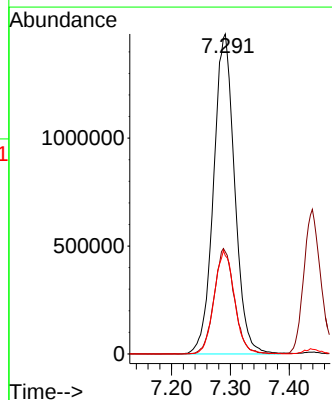
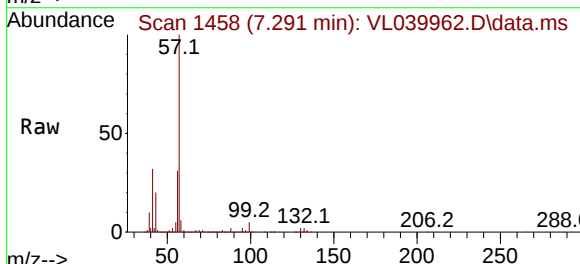
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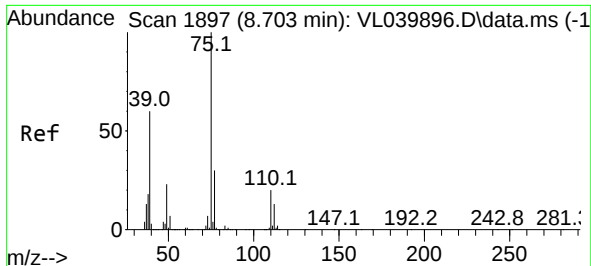
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#44
2,2,4-Trimethylpentane
Concen: 8.411 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.019 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

Tgt Ion: 57 Resp: 3693087
Ion Ratio Lower Upper
57 100
41 31.7 26.2 39.2
56 31.1 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 8.523 ppbv

RT: 8.674 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL039962.D

Acq: 2 Dec 2022 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 81202

Ion Ratio Lower Upper

75 100

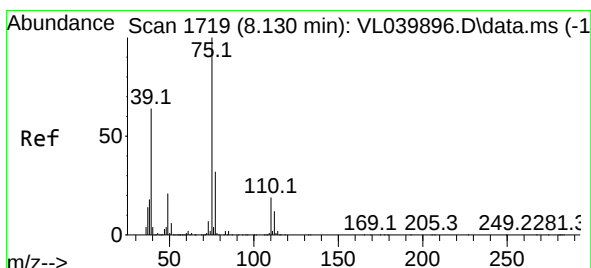
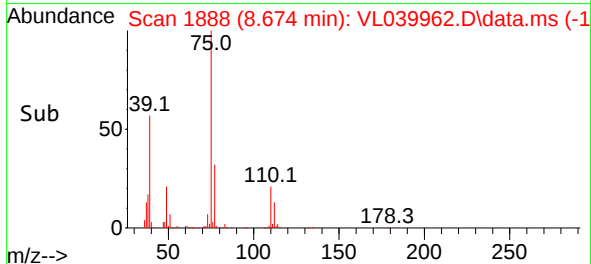
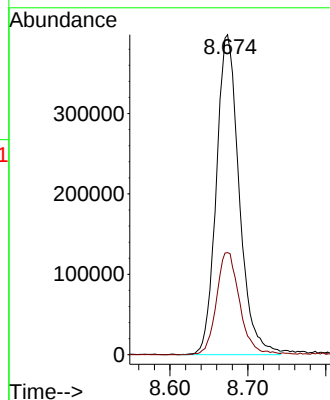
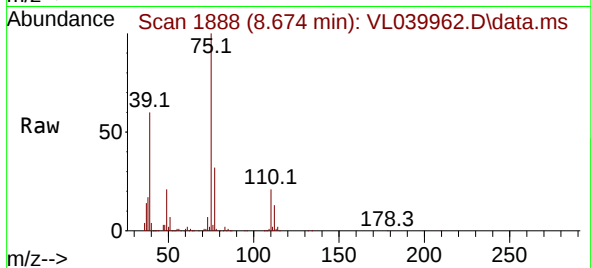
77 31.9 24.2 36.4

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Reviewed By :Semsettin Yesilyurt 12/02/2022

Supervised By :Mahesh Dadoda 12/05/2022



#46

cis-1,3-Dichloropropene

Concen: 8.449 ppbv

RT: 8.105 min Scan# 1711

Delta R.T. -0.023 min

Lab File: VL039962.D

Acq: 2 Dec 2022 9:06

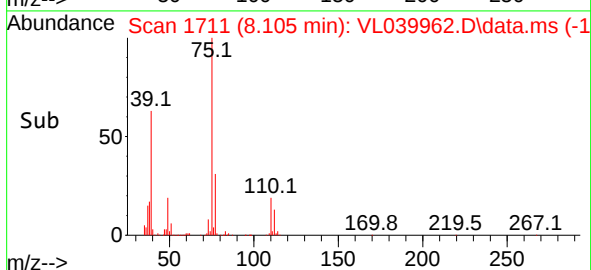
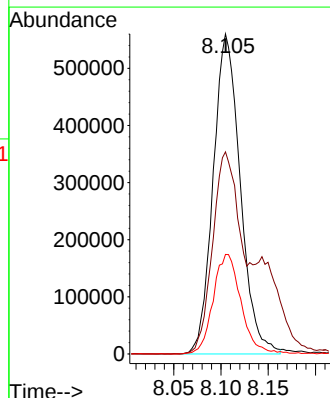
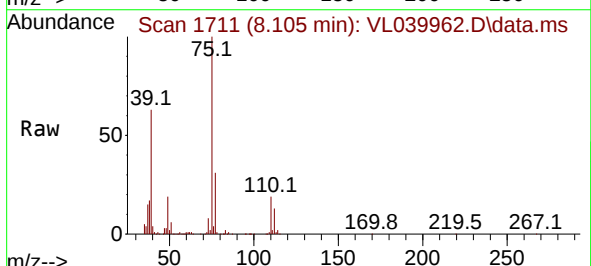
Tgt Ion: 75 Resp: 1115128

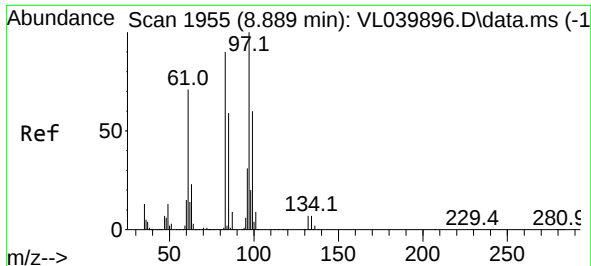
Ion Ratio Lower Upper

75 100

39 63.1 51.0 76.4

77 31.1 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 8.768 ppbv

RT: 8.864 min Scan# 1955

Delta R.T. -0.019 min

Lab File: VL039962.D

Acq: 2 Dec 2022 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 923392

Ion Ratio Lower Upper

97 100

83 94.7 72.1 108.1

85 58.7 47.2 70.8

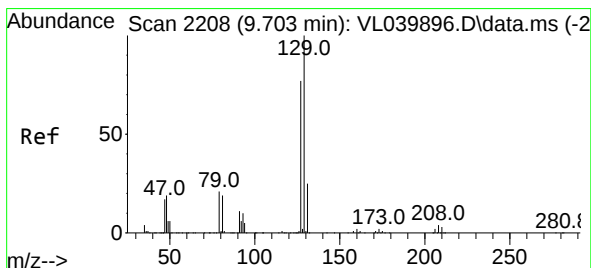
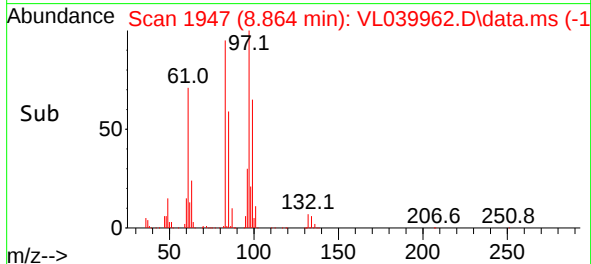
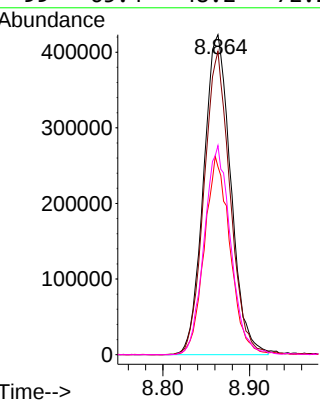
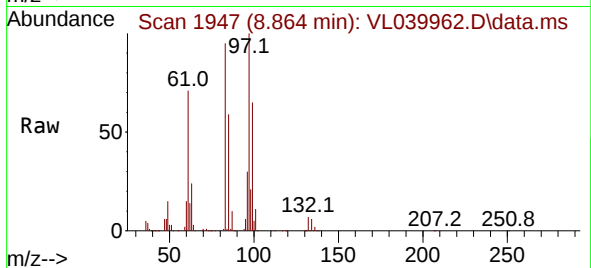
99 65.4 48.2 72.2

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Reviewed By :Semsettin Yesilyurt 12/02/2022

Supervised By :Mahesh Dadoda 12/05/2022



#48

Dibromochloromethane

Concen: 9.998 ppbv

RT: 9.674 min Scan# 2199

Delta R.T. -0.023 min

Lab File: VL039962.D

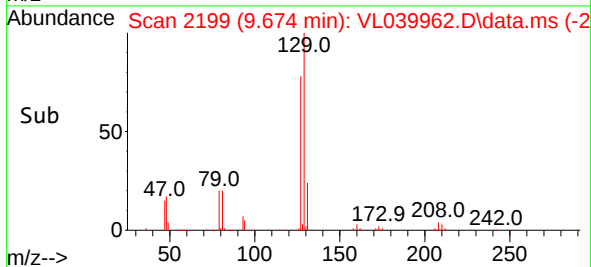
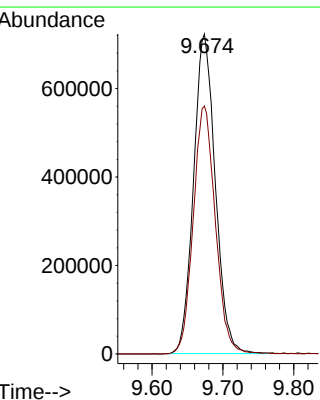
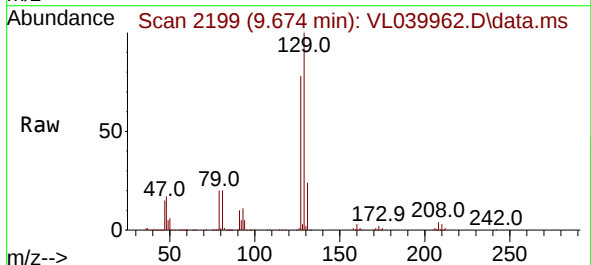
Acq: 2 Dec 2022 9:06

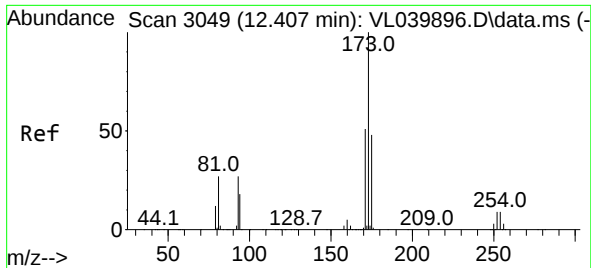
Tgt Ion:129 Resp: 1542292

Ion Ratio Lower Upper

129 100

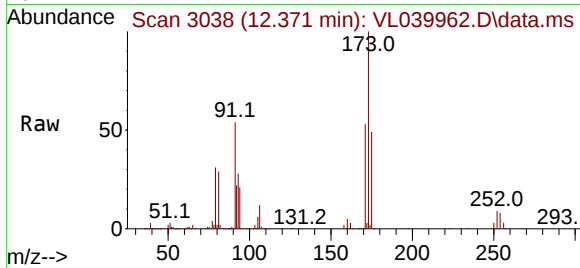
127 78.8 39.1 117.3





#49
Bromoform
Concen: 10.245 ppbv
RT: 12.371 min Scan# 3049
Delta R.T. -0.026 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

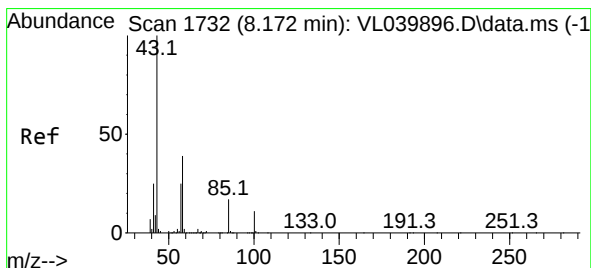
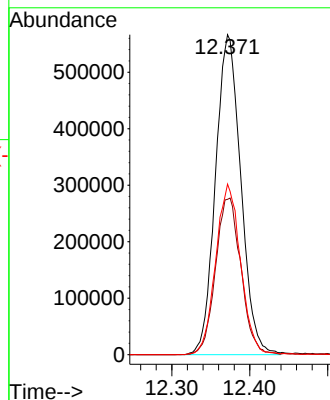
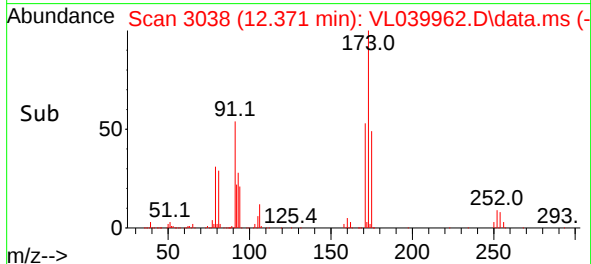
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



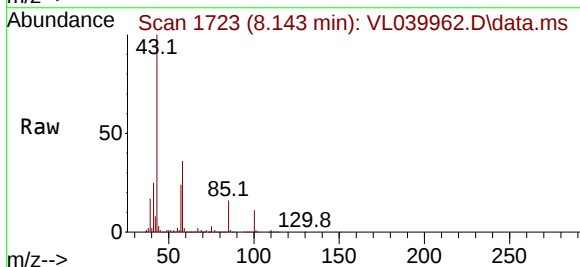
Tgt Ion:173 Resp: 127930
Ion Ratio Lower Upper
173 100
175 49.4 39.1 58.7
171 52.6 41.8 62.8

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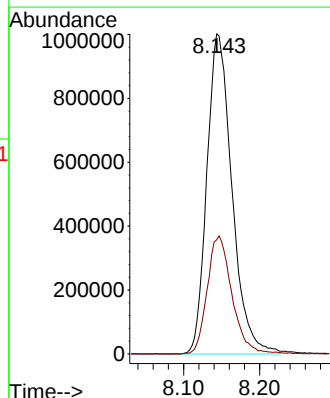
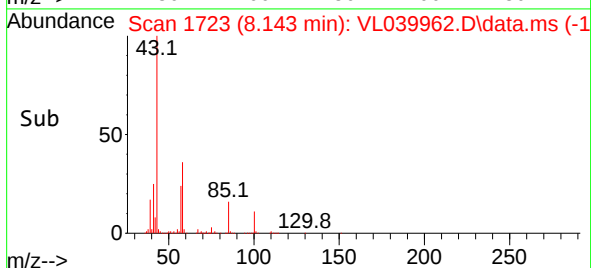
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

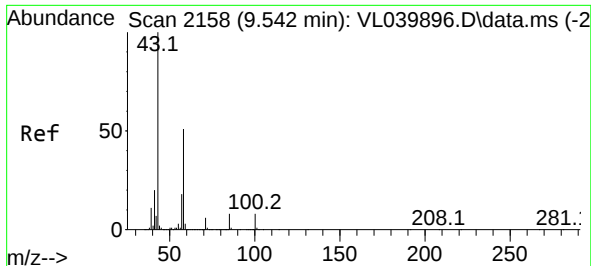


#50
4-Methyl-2-Pentanone
Concen: 8.654 ppbv
RT: 8.143 min Scan# 1723
Delta R.T. -0.023 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06



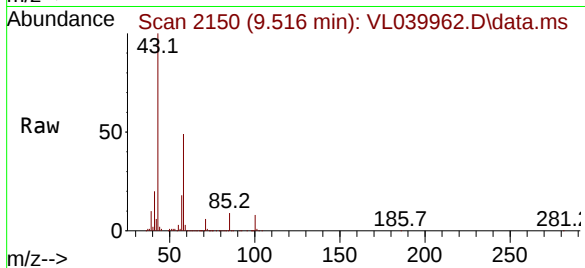
Tgt Ion: 43 Resp: 2294754
Ion Ratio Lower Upper
43 100
58 36.5 29.8 44.6





#51
2-Hexanone
Concen: 8.770 ppbv
RT: 9.516 min Scan# 2158
Delta R.T. -0.023 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

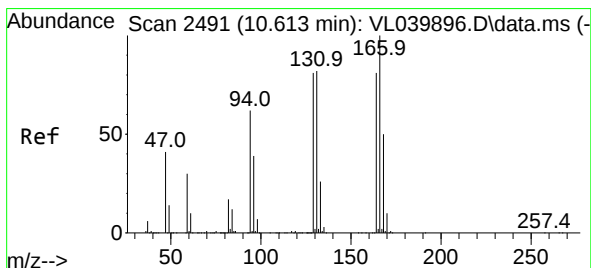
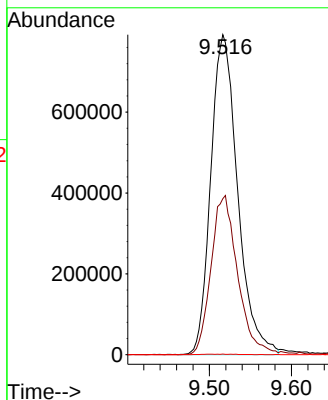
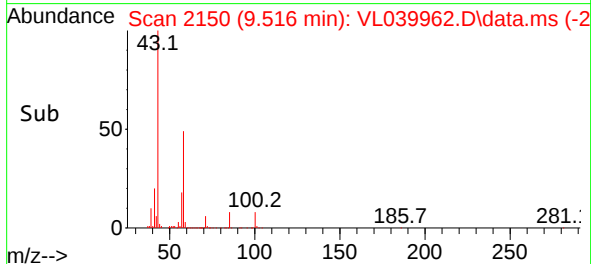
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



Tgt Ion: 43 Resp: 1805490
Ion Ratio Lower Upper
43 100
58 50.1 40.2 60.4
98 0.1 0.1 0.1

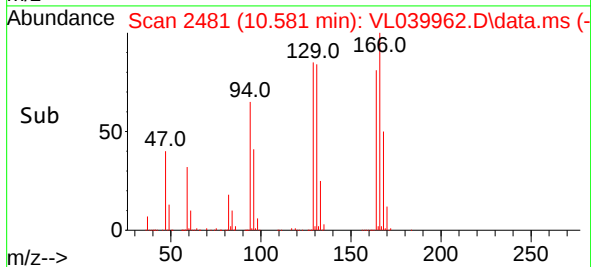
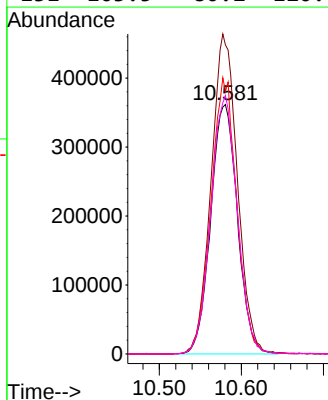
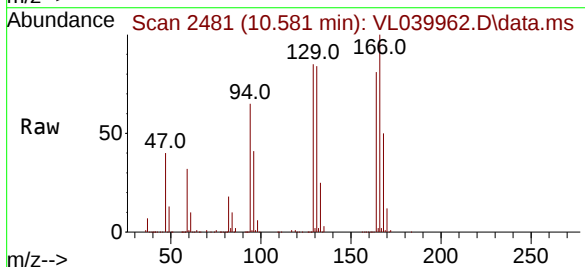
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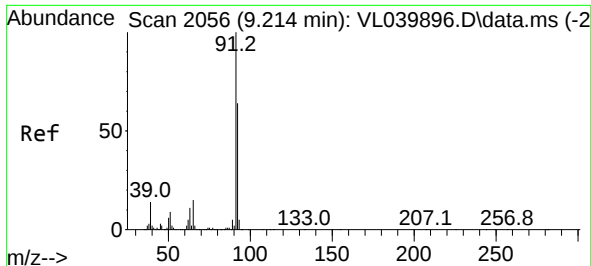
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#52
Tetrachloroethene
Concen: 8.314 ppbv
RT: 10.581 min Scan# 2481
Delta R.T. -0.023 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

Tgt Ion:164 Resp: 818058
Ion Ratio Lower Upper
164 100
166 123.8 98.3 147.5
129 105.0 79.7 119.5
131 103.5 80.2 120.4





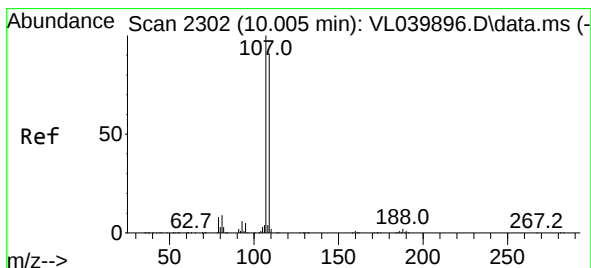
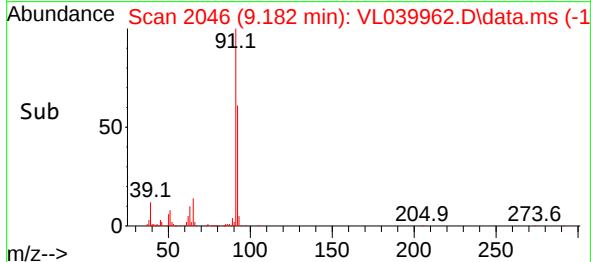
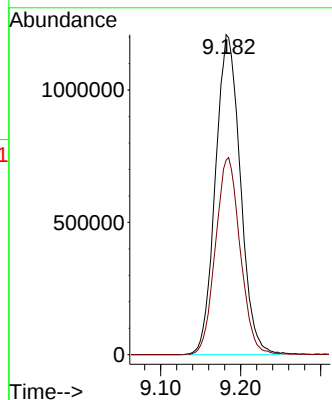
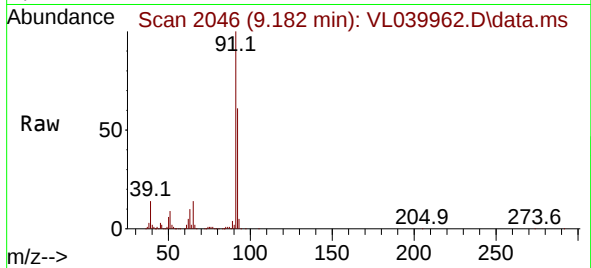
#53
Toluene
Concen: 8.722 ppbv
RT: 9.182 min Scan# 2056
Delta R.T. -0.023 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 261334
Ion Ratio Lower Upper
91 100
92 61.3 49.8 74.6

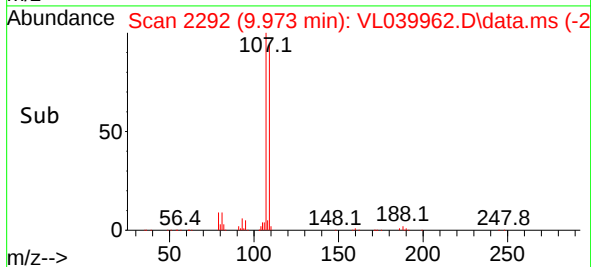
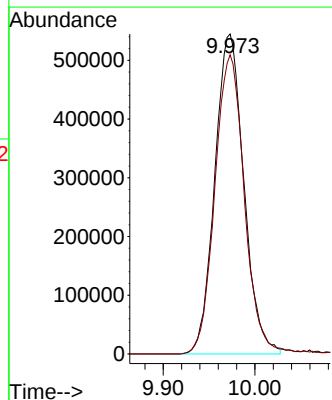
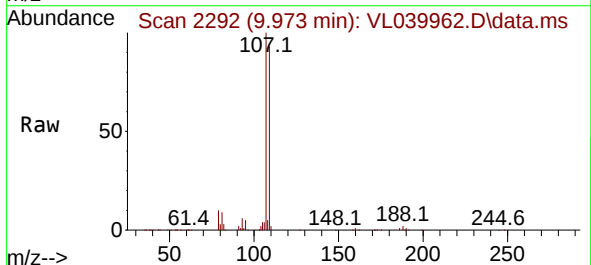
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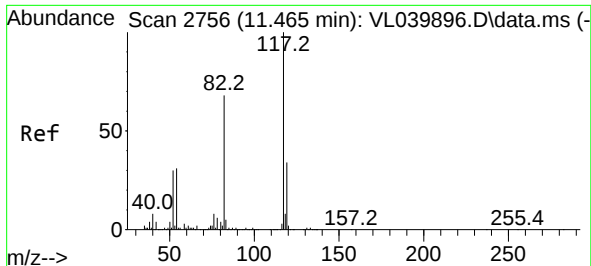
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#54
1,2-Dibromoethane
Concen: 10.677 ppbv
RT: 9.973 min Scan# 2292
Delta R.T. -0.023 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

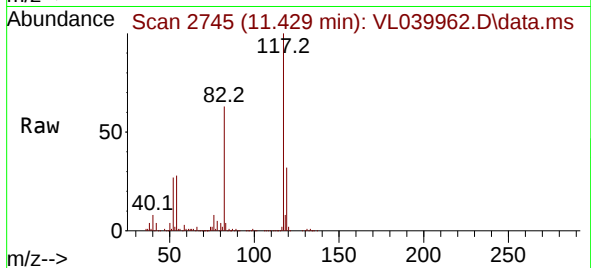
Tgt Ion:107 Resp: 1199972
Ion Ratio Lower Upper
107 100
109 93.5 72.8 109.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.429 min Scan# 2756
Delta R.T. -0.023 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

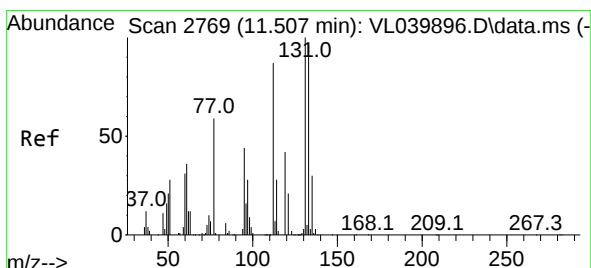
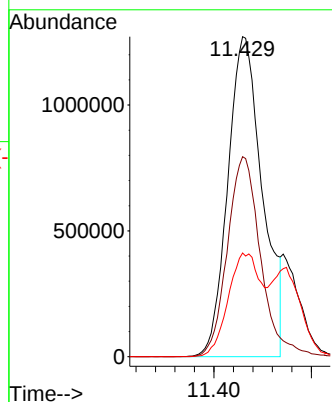
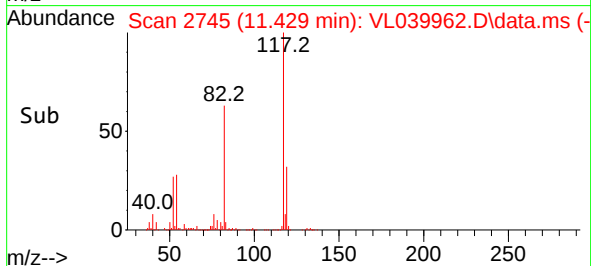
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



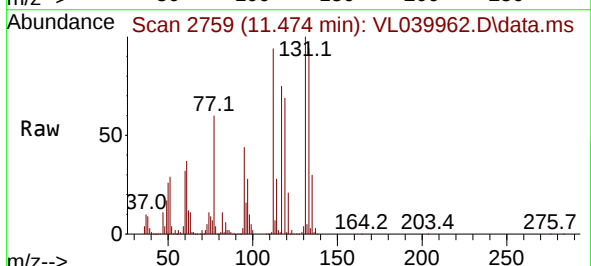
Tgt Ion:117 Resp: 314152
Ion Ratio Lower Upper
117 100
82 60.3 52.3 78.5
119 29.8 25.7 38.5

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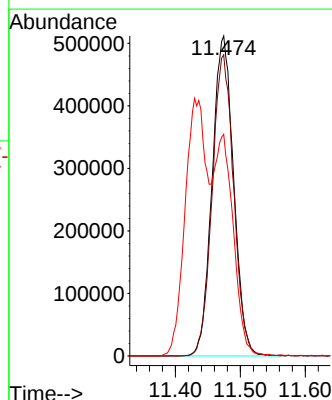
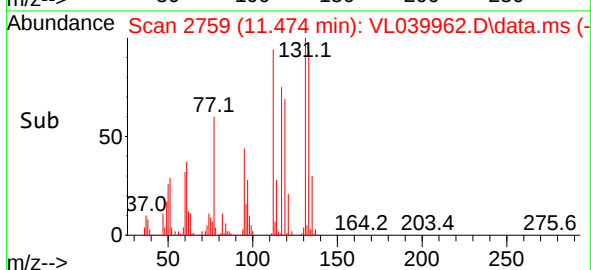
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

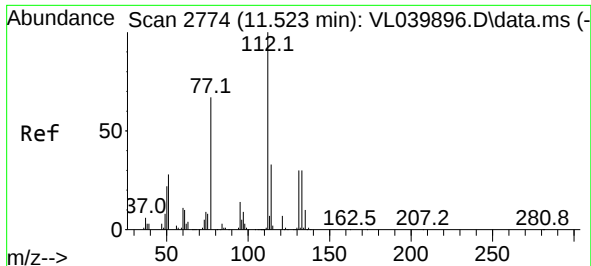


#56
1,1,1,2-Tetrachloroethane
Concen: 9.138 ppbv
RT: 11.474 min Scan# 2759
Delta R.T. -0.023 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06



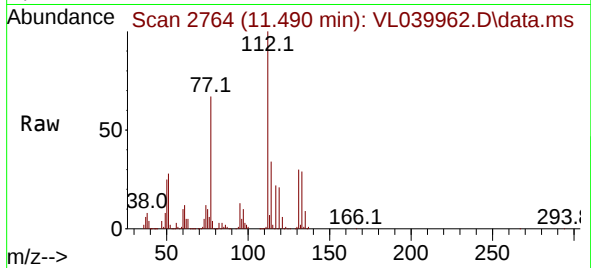
Tgt Ion:131 Resp: 1173528
Ion Ratio Lower Upper
131 100
133 94.2 76.7 115.1
119 56.8 46.6 69.8





#57
Chlorobenzene
Concen: 8.258 ppbv
RT: 11.490 min Scan# 211
Delta R.T. -0.023 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

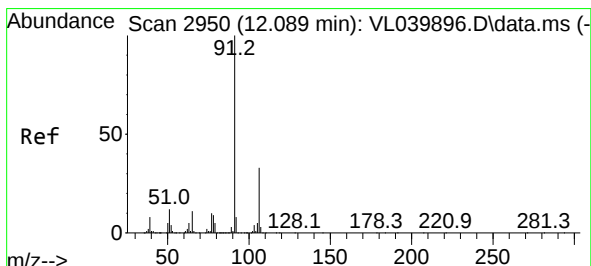
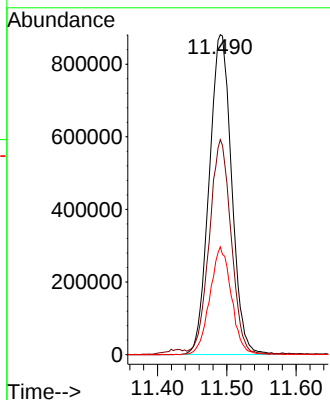
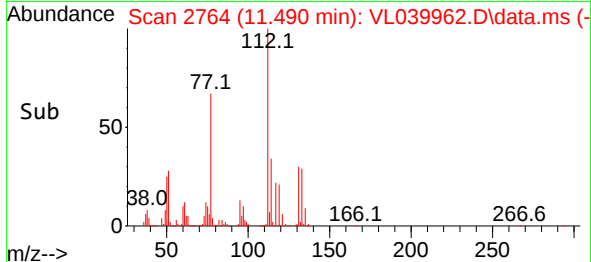
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 198361
Ion Ratio Lower Upper
112 100
77 66.9 54.6 81.8
114 33.6 30.1 36.7

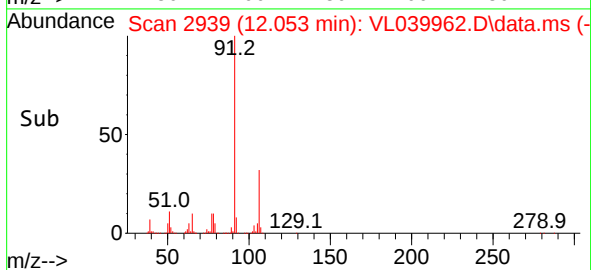
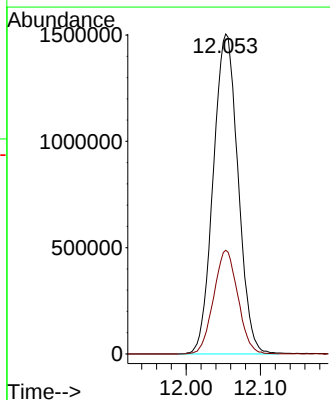
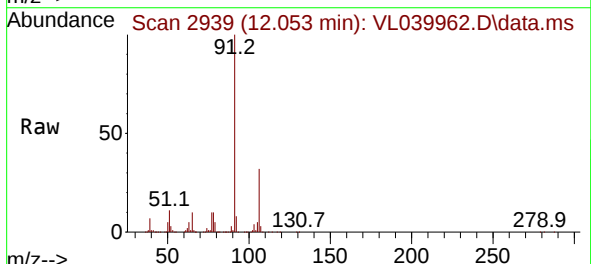
Manual Integrations
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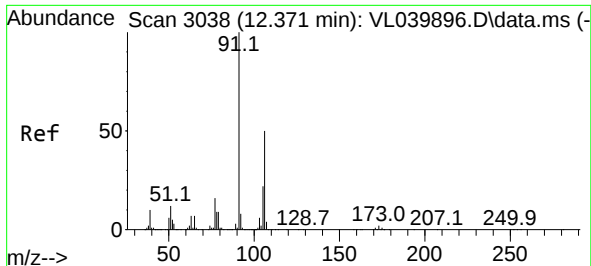
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#58
Ethyl Benzene
Concen: 8.199 ppbv
RT: 12.053 min Scan# 2939
Delta R.T. -0.023 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

Tgt Ion: 91 Resp: 3494405
Ion Ratio Lower Upper
91 100
106 32.4 26.1 39.1





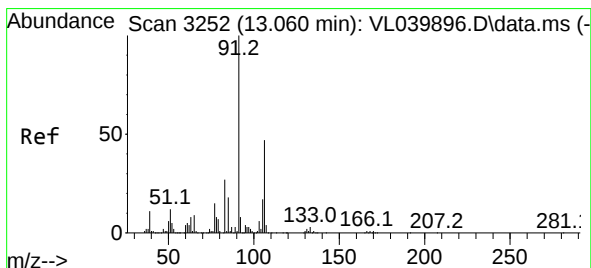
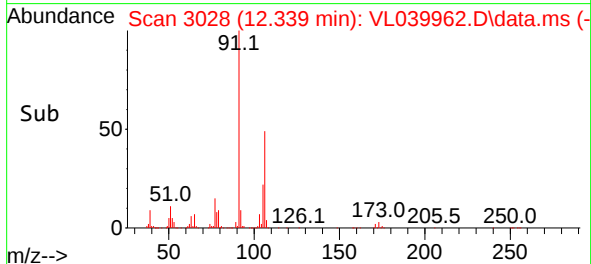
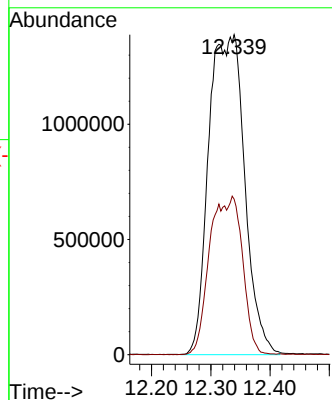
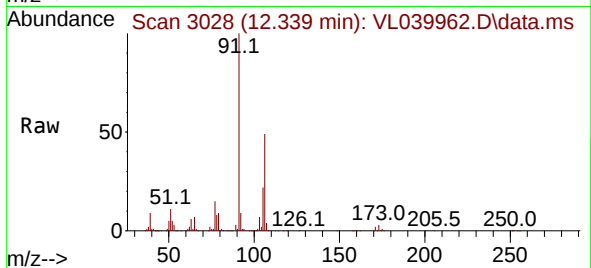
#59
m/p-Xylene
Concen: 16.376 ppbv m
RT: 12.339 min Scan# 3038
Delta R.T. -0.019 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 584152
Ion Ratio Lower Upper
91 100
106 0.0 37.0 55.6

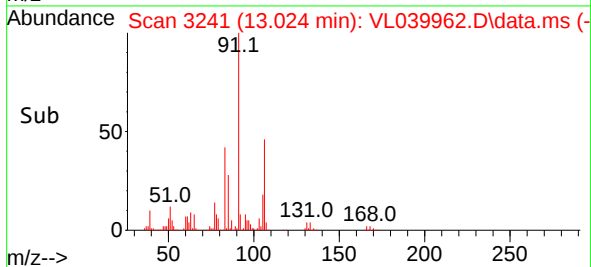
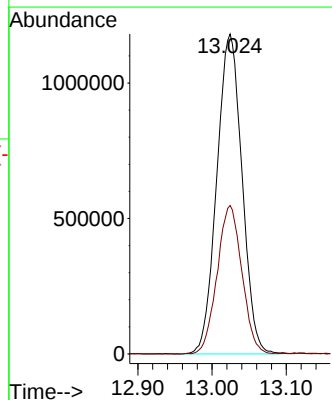
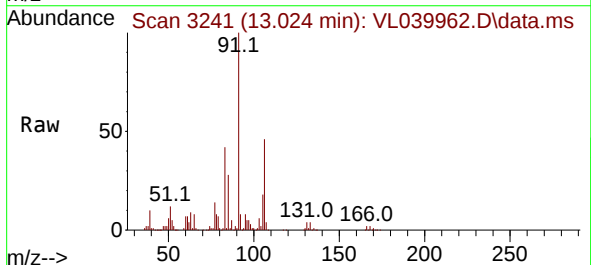
Manual Integrations
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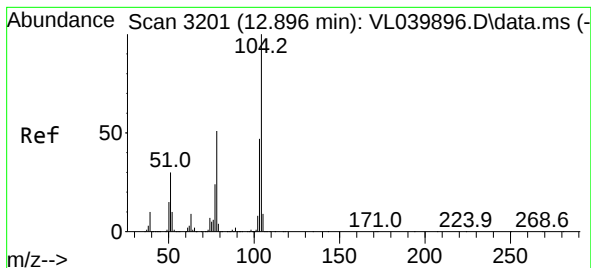
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#60
o-Xylene
Concen: 8.200 ppbv
RT: 13.024 min Scan# 3241
Delta R.T. -0.023 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

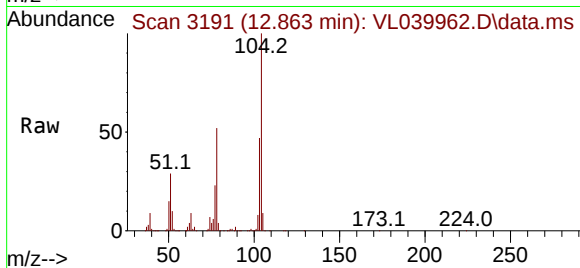
Tgt Ion: 91 Resp: 2789586
Ion Ratio Lower Upper
91 100
106 45.7 23.2 69.6





#61
Styrene
Concen: 8.435 ppbv
RT: 12.863 min Scan# 3191
Delta R.T. -0.026 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

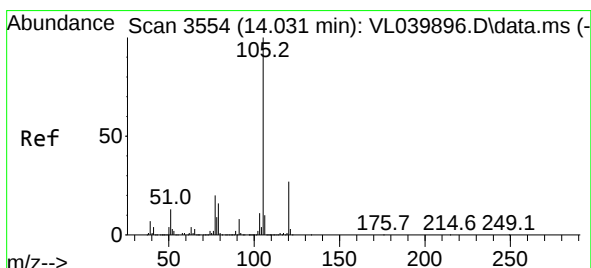
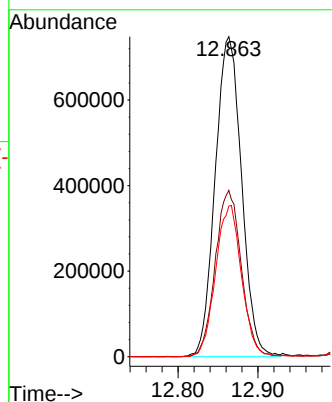
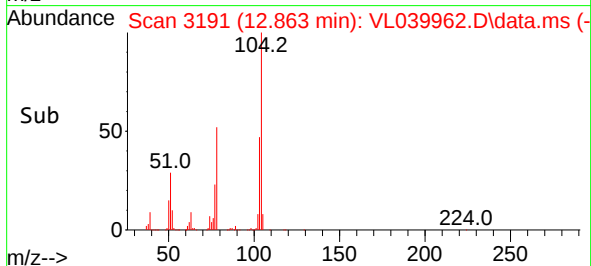
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



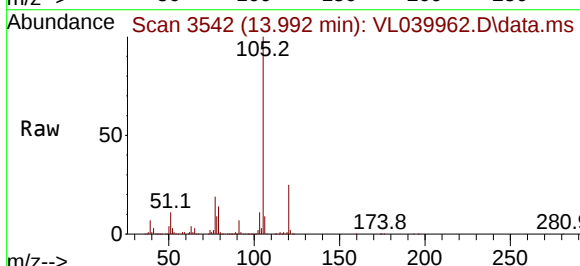
Tgt Ion:104 Resp: 171274
Ion Ratio Lower Upper
104 100
78 51.5 41.8 62.8
103 46.7 37.2 55.8

Manual Integrations
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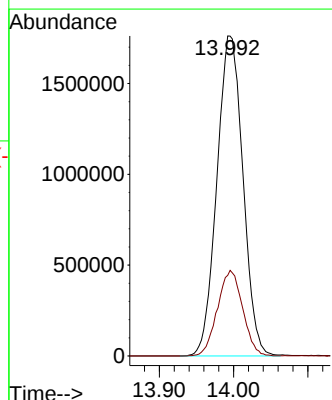
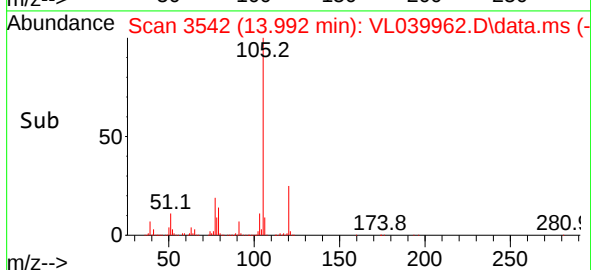
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

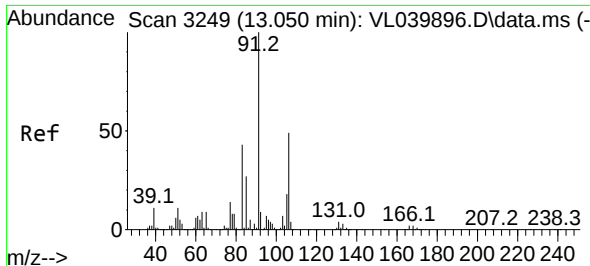


#62
Isopropylbenzene
Concen: 8.767 ppbv
RT: 13.992 min Scan# 3542
Delta R.T. -0.026 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06



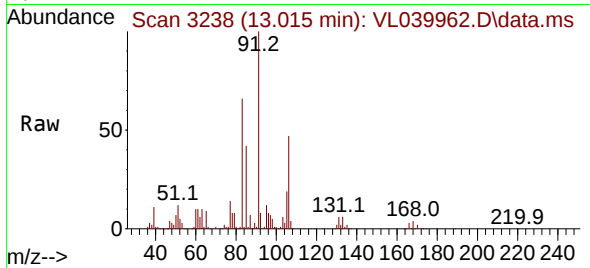
Tgt Ion:105 Resp: 4300747
Ion Ratio Lower Upper
105 100
120 25.9 21.4 32.2





#63
1,1,2,2-Tetrachloroethane
Concen: 13.380 ppbv
RT: 13.015 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

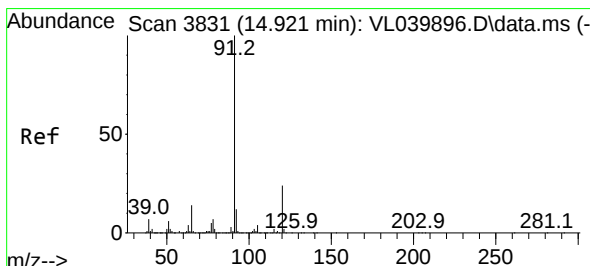
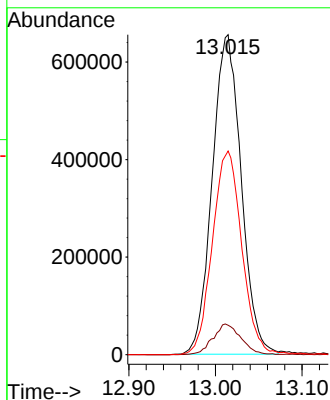
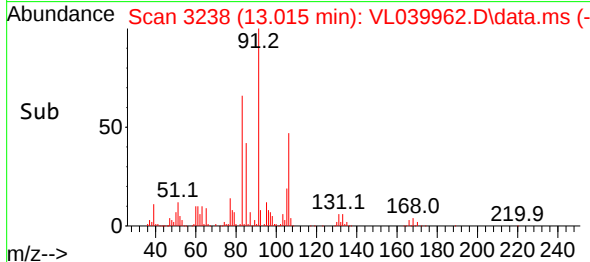
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



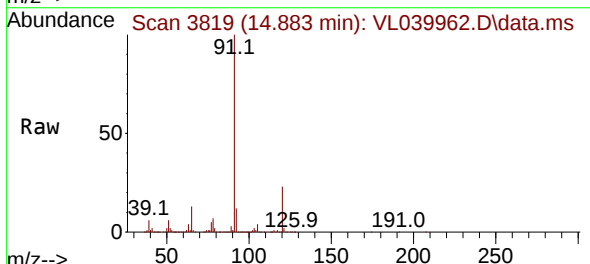
Tgt Ion: 83 Resp: 151977
Ion Ratio Lower Upper
83 100
131 9.4 4.6 13.8
85 65.4 33.0 99.0

Manual Integrations
APPROVED

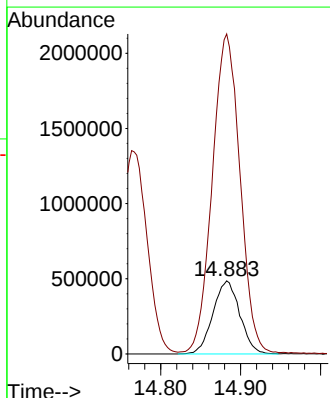
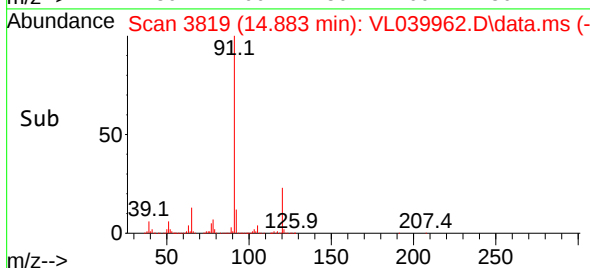
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

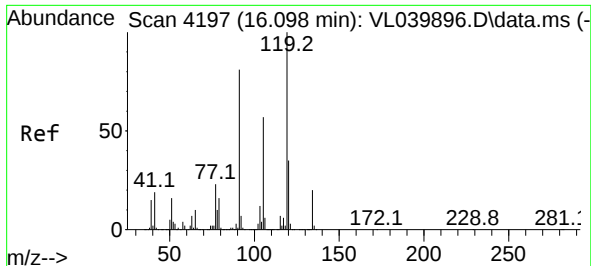


#64
n-propylbenzene
Concen: 8.825 ppbv
RT: 14.883 min Scan# 3819
Delta R.T. -0.023 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06



Tgt Ion:120 Resp: 1132422
Ion Ratio Lower Upper
120 100
91 455.2 353.7 530.5





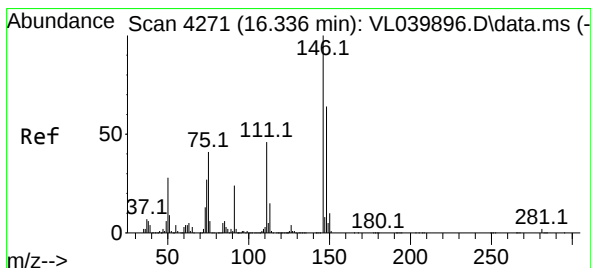
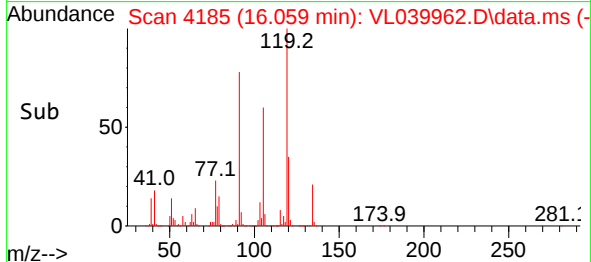
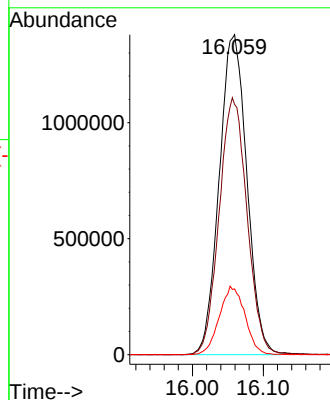
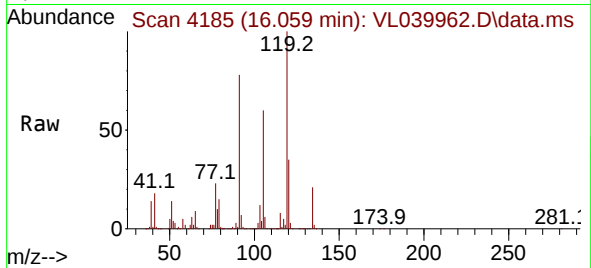
#65
tert-Butylbenzene
Concen: 8.705 ppbv
RT: 16.059 min Scan# 4197
Delta R.T. -0.019 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 373566
Ion Ratio Lower Upper
119 100
91 81.0 65.8 98.8
134 19.9 16.1 24.1

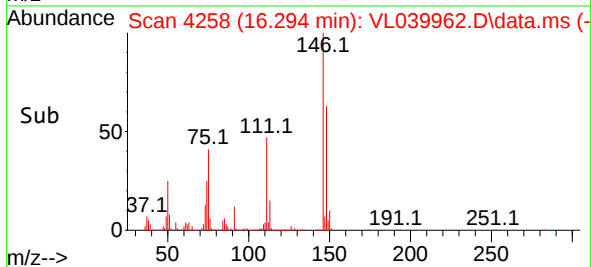
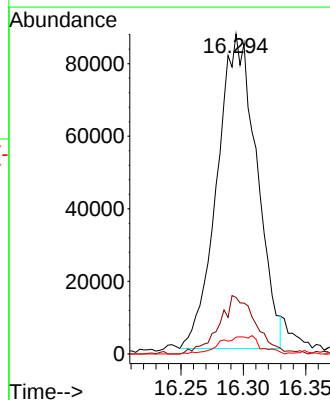
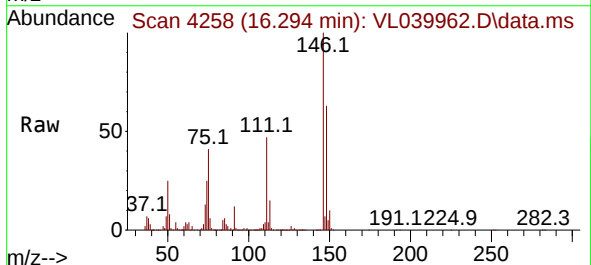
Manual Integrations
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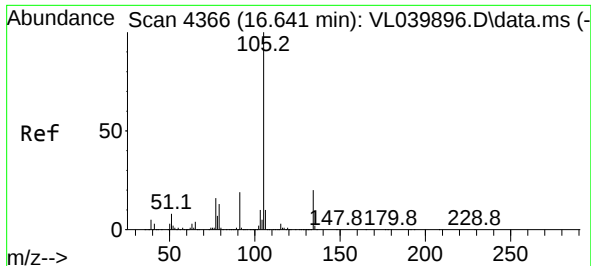
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#66
Benzyl Chloride
Concen: 5.196 ppbv
RT: 16.294 min Scan# 4258
Delta R.T. -0.023 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

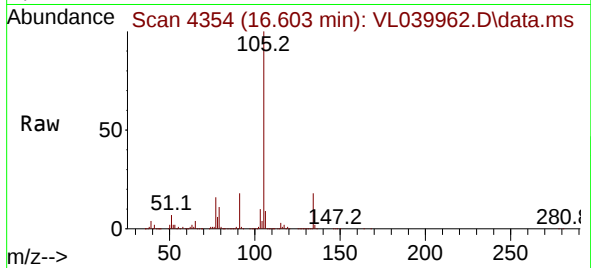
Tgt Ion: 91 Resp: 191083
Ion Ratio Lower Upper
91 100
126 17.7 15.0 22.6
128 6.0 4.6 7.0





#67
 sec-Butylbenzene
 Concen: 8.858 ppbv
 RT: 16.603 min Scan# 41
 Delta R.T. -0.023 min
 Lab File: VL039962.D
 Acq: 2 Dec 2022 9:06

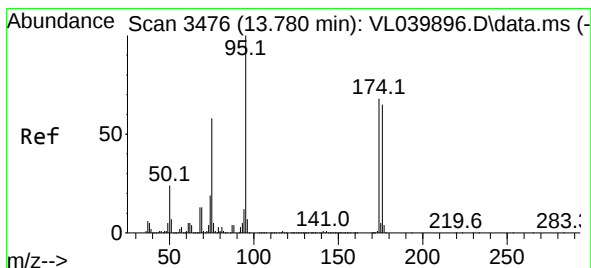
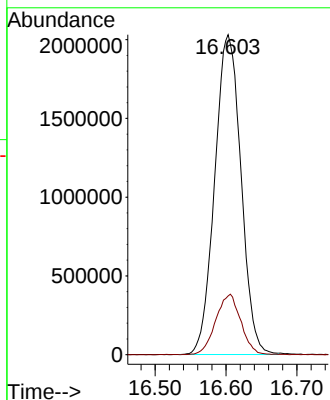
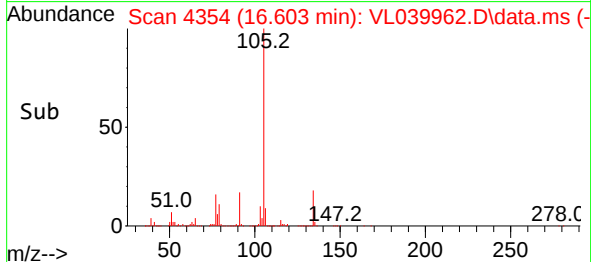
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 105 Resp: 522678
 Ion Ratio Lower Upper
 105 100
 134 18.1 15.0 22.6

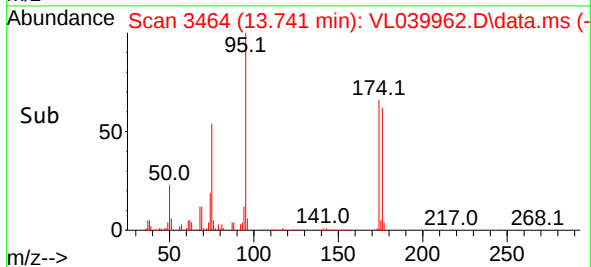
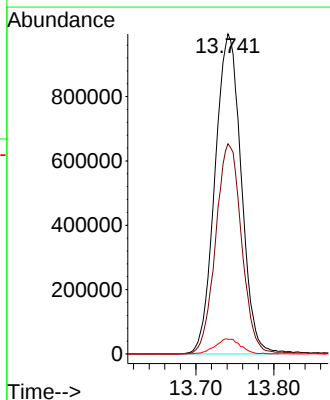
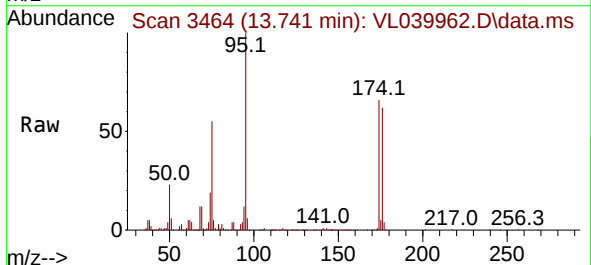
Manual Integrations
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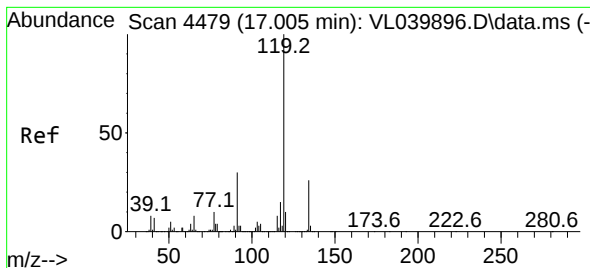
Reviewed By : Semsettin Yesilyurt 12/02/2022
 Supervised By : Mahesh Dadoda 12/05/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.692 ppbv
 RT: 13.741 min Scan# 3464
 Delta R.T. -0.023 min
 Lab File: VL039962.D
 Acq: 2 Dec 2022 9:06

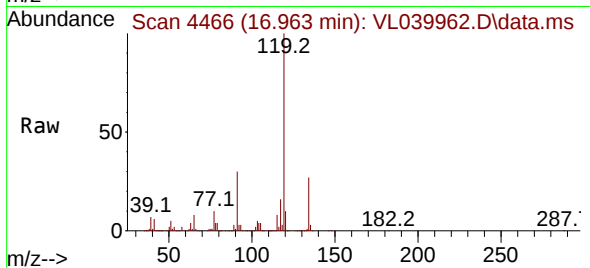
Tgt Ion: 95 Resp: 2325746
 Ion Ratio Lower Upper
 95 100
 174 65.2 53.7 80.5
 175 4.6 4.0 6.0





#69
p-Isopropyltoluene
Concen: 8.891 ppbv
RT: 16.963 min Scan# 4479
Delta R.T. -0.023 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

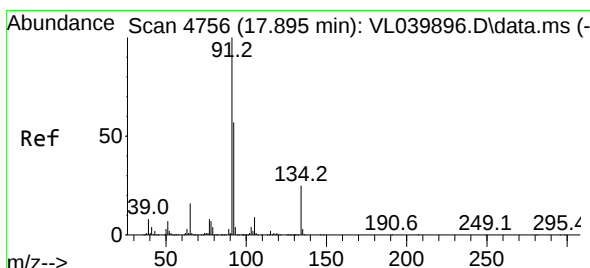
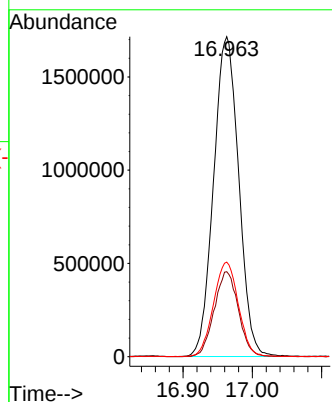
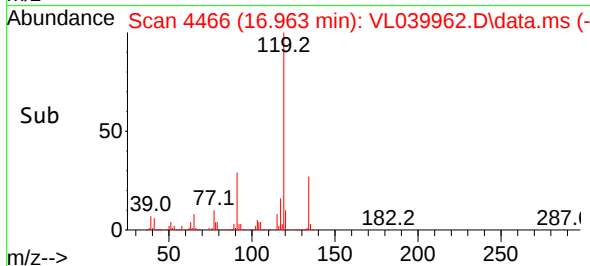
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



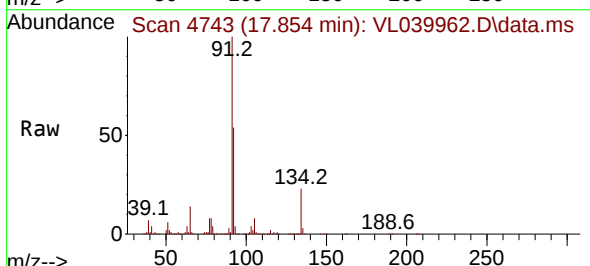
Tgt Ion:119 Resp: 432157
Ion Ratio Lower Upper
119 100
134 25.7 21.0 31.4
91 29.4 24.4 36.6

Manual Integrations
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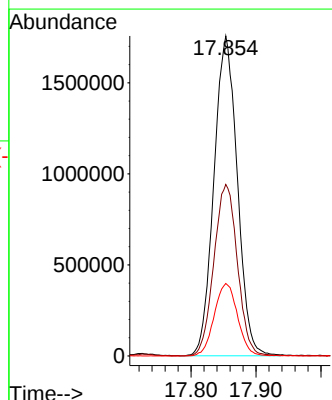
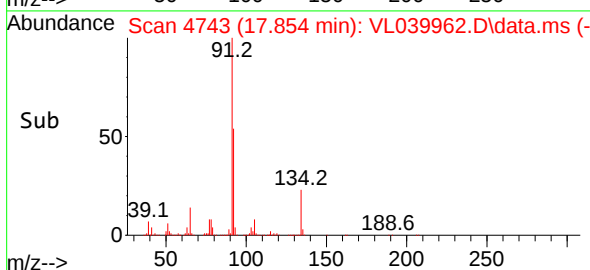
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

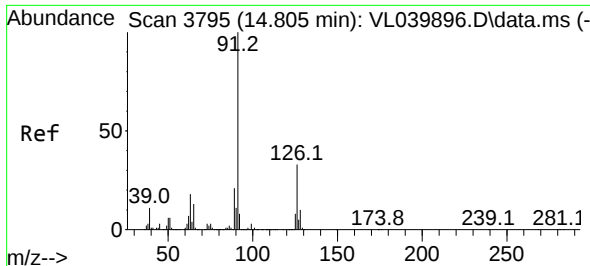


#70
n-Butylbenzene
Concen: 9.094 ppbv
RT: 17.854 min Scan# 4743
Delta R.T. -0.023 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06



Tgt Ion: 91 Resp: 4382102
Ion Ratio Lower Upper
91 100
92 53.9 44.2 66.2
134 22.7 18.8 28.2





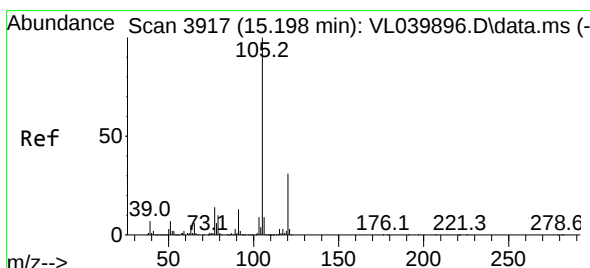
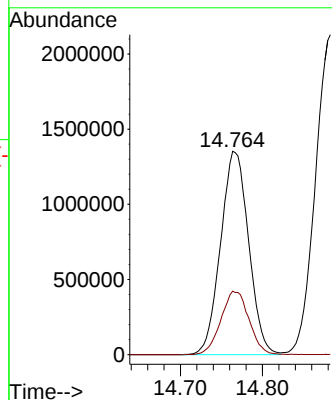
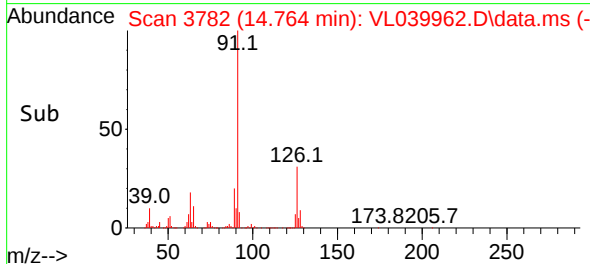
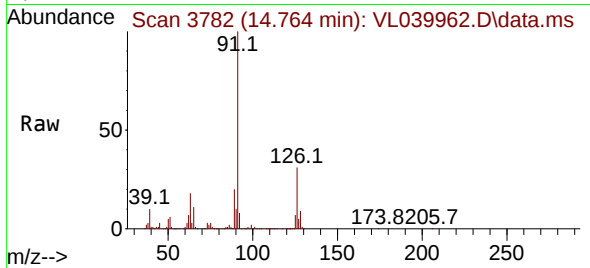
#71
2-Chlorotoluene
Concen: 8.645 ppbv
RT: 14.764 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 321454
Ion Ratio Lower Upper
91 100
126 31.5 12.8 51.0

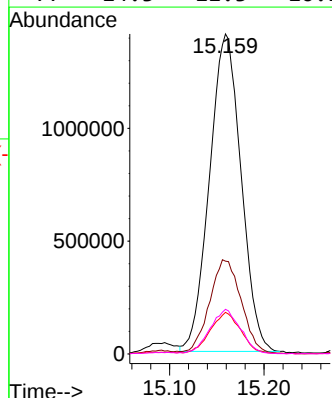
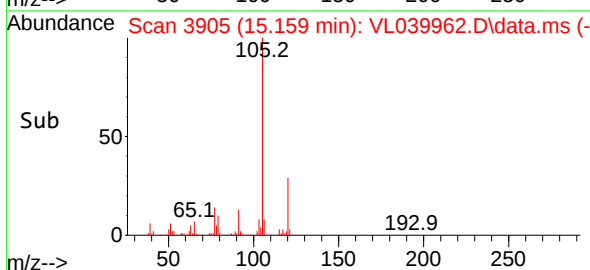
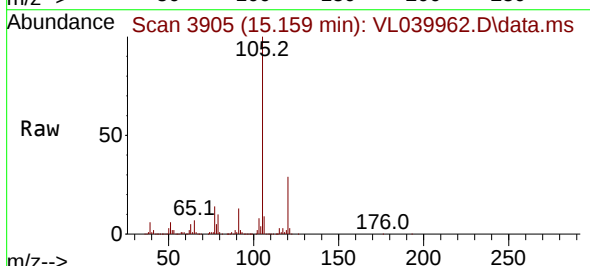
Manual Integrations
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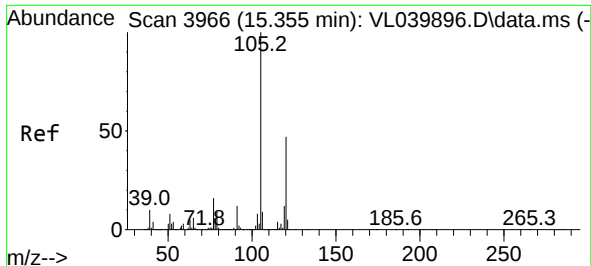
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#72
4-Ethyltoluene
Concen: 8.536 ppbv
RT: 15.159 min Scan# 3905
Delta R.T. -0.023 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

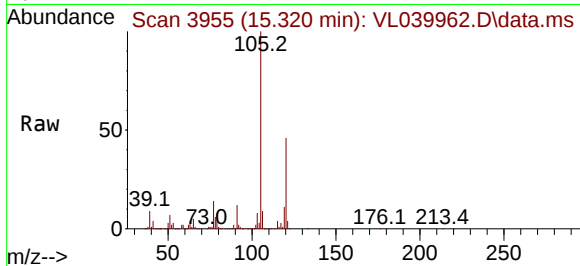
Tgt Ion:105 Resp: 3264120
Ion Ratio Lower Upper
105 100
120 30.2 24.5 36.7
91 12.7 10.4 15.6
77 14.3 11.3 16.9





#73
1,3,5-Trimethylbenzene
Concen: 8.443 ppbv
RT: 15.320 min Scan# 3966
Delta R.T. -0.023 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

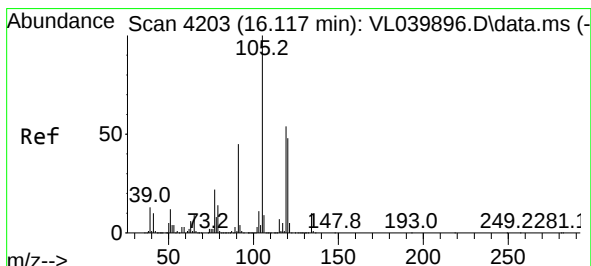
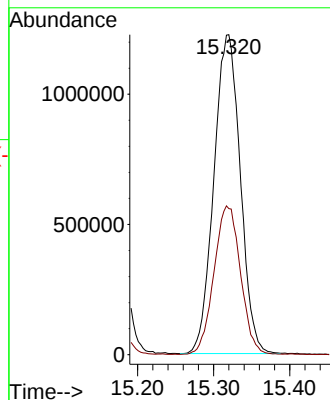
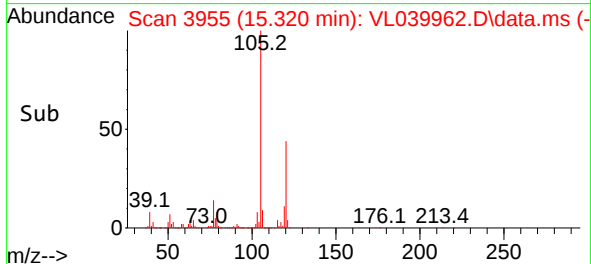
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:105 Resp: 2955302
Ion Ratio Lower Upper
105 100
120 45.7 37.9 56.9

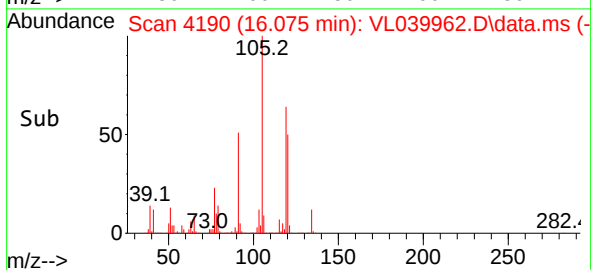
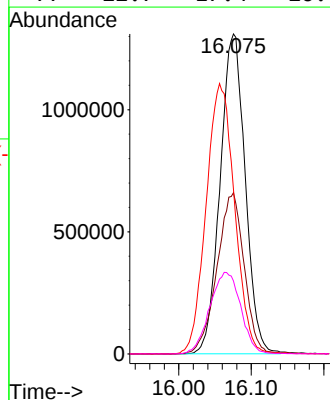
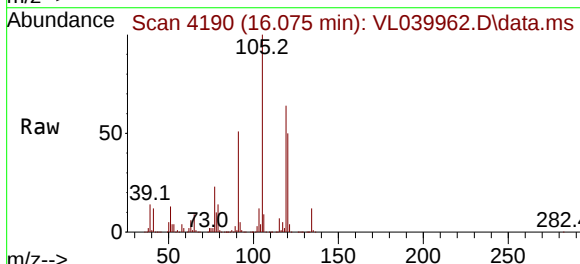
Manual Integrations
APPROVED

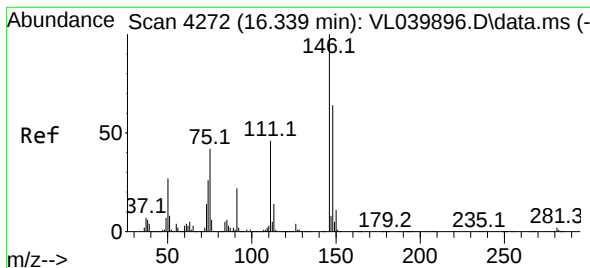
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#74
1,2,4-Trimethylbenzene
Concen: 8.472 ppbv
RT: 16.075 min Scan# 4190
Delta R.T. -0.023 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

Tgt Ion:105 Resp: 3139526
Ion Ratio Lower Upper
105 100
120 50.3 38.7 58.1
91 51.1 36.4 54.6
77 22.7 17.4 26.0





#75

1,3-Dichlorobenzene

Concen: 8.561 ppbv

RT: 16.297 min Scan# 41

Delta R.T. -0.026 min

Lab File: VL039962.D

Acq: 2 Dec 2022 9:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 178508

Ion Ratio Lower Upper

146 100

111 47.5 23.3 69.9

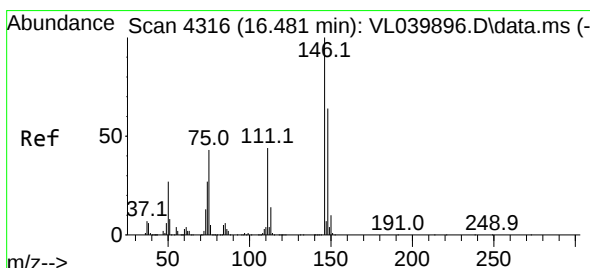
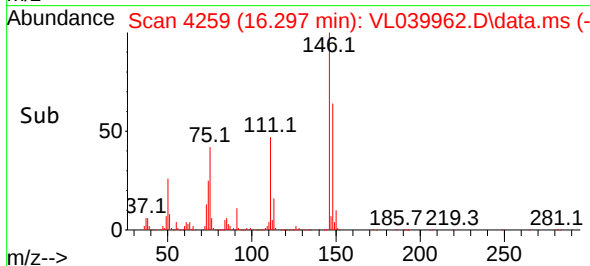
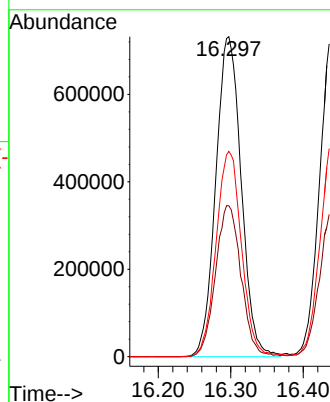
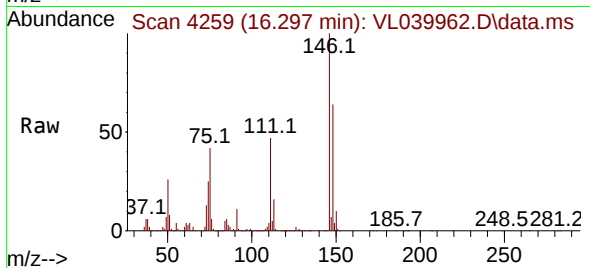
148 64.2 32.2 96.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/02/2022

Supervised By :Mahesh Dadoda 12/05/2022



#76

1,4-Dichlorobenzene

Concen: 8.358 ppbv

RT: 16.439 min Scan# 4303

Delta R.T. -0.029 min

Lab File: VL039962.D

Acq: 2 Dec 2022 9:06

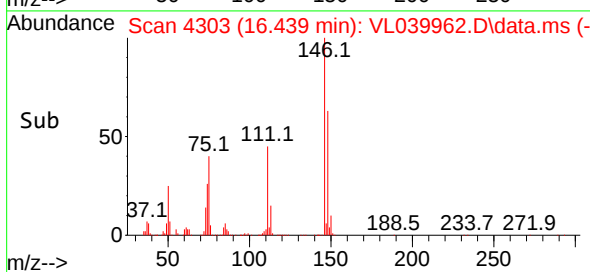
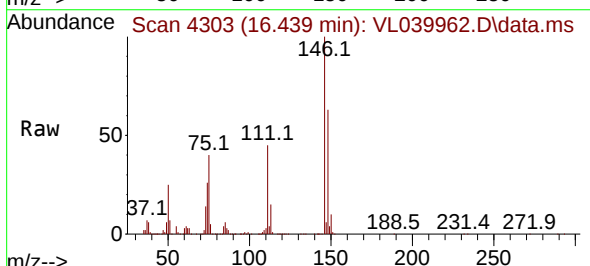
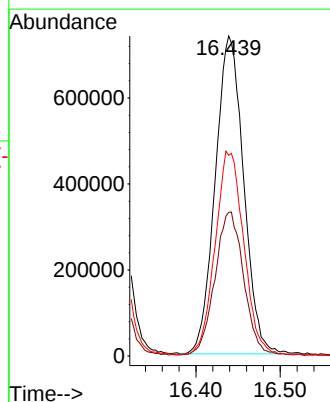
Tgt Ion:146 Resp: 1727589

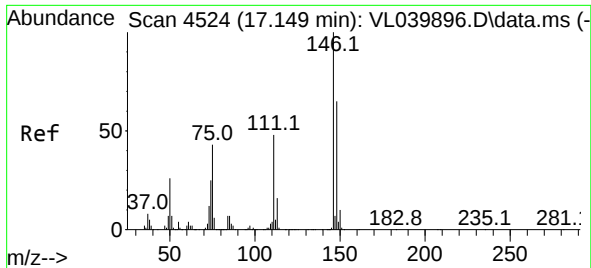
Ion Ratio Lower Upper

146 100

111 46.3 22.4 67.3

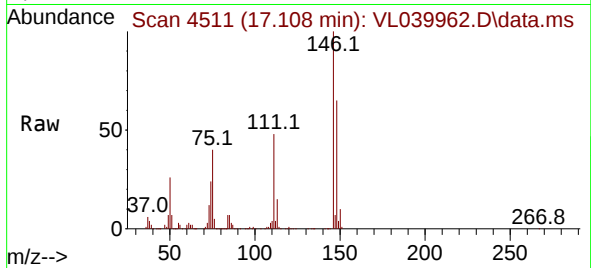
148 66.2 32.3 96.9





#77
1,2-Dichlorobenzene
Concen: 8.617 ppbv
RT: 17.108 min Scan# 411
Delta R.T. -0.023 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

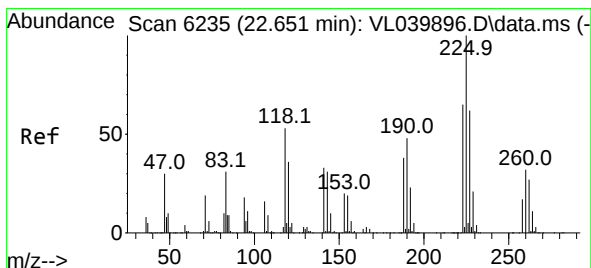
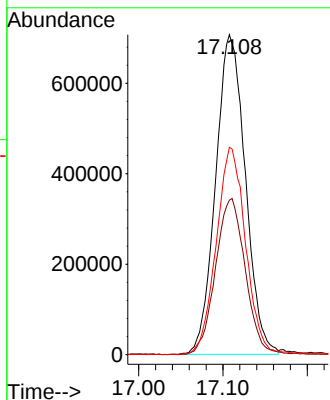
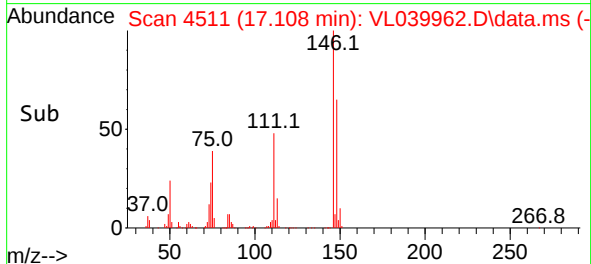
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



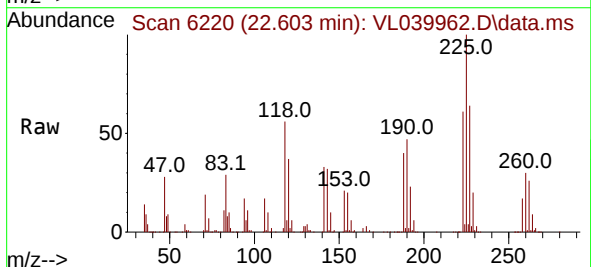
Tgt Ion:146 Resp: 1732070
Ion Ratio Lower Upper
146 100
111 49.1 24.1 72.3
148 64.5 32.4 97.2

Manual Integrations
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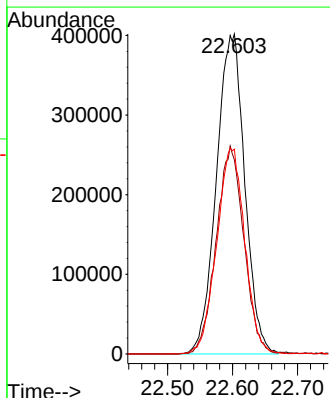
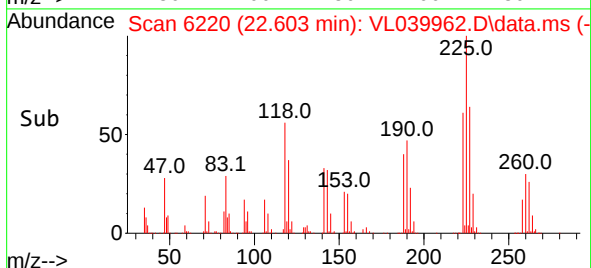
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

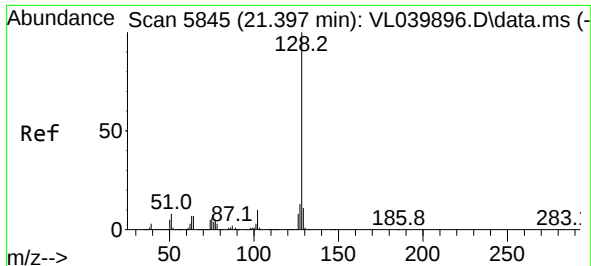


#78
Hexachloro-1,3-Butadiene
Concen: 8.741 ppbv
RT: 22.603 min Scan# 6220
Delta R.T. -0.016 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06



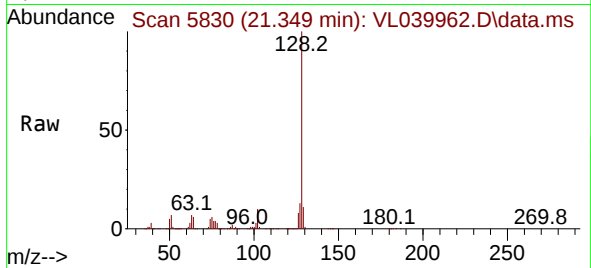
Tgt Ion:225 Resp: 1219149
Ion Ratio Lower Upper
225 100
223 63.3 50.7 76.1
227 63.8 50.8 76.2





#79
Naphthalene
Concen: 11.204 ppbv
RT: 21.349 min Scan# 5845
Delta R.T. -0.023 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06

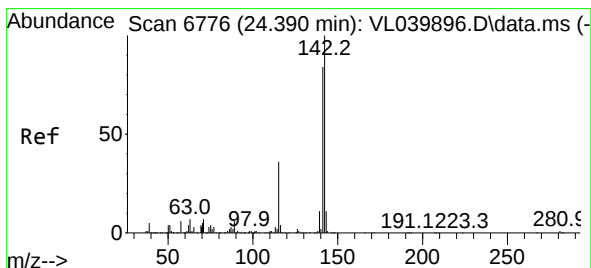
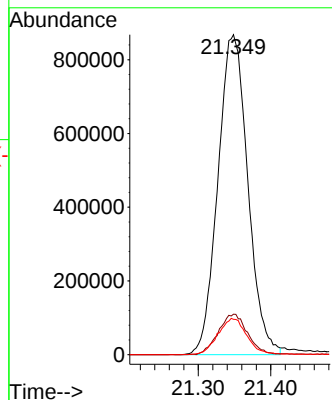
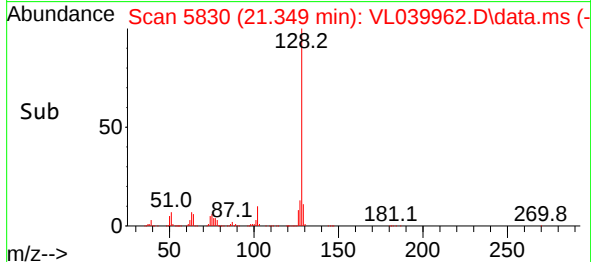
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



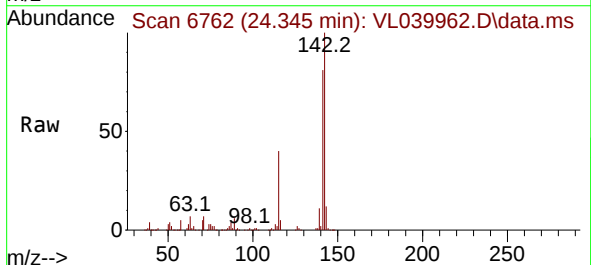
Tgt Ion:128 Resp: 248495
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.1 8.8 13.2

Manual Integrations
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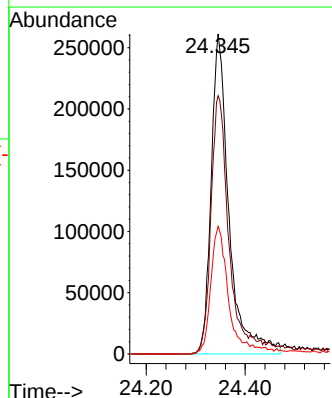
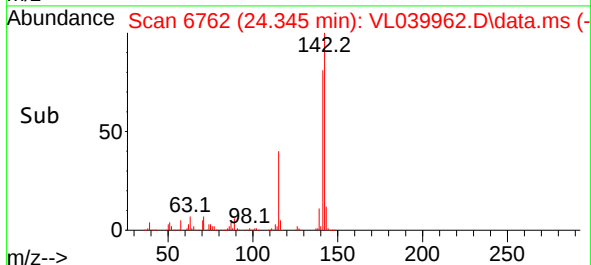
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022

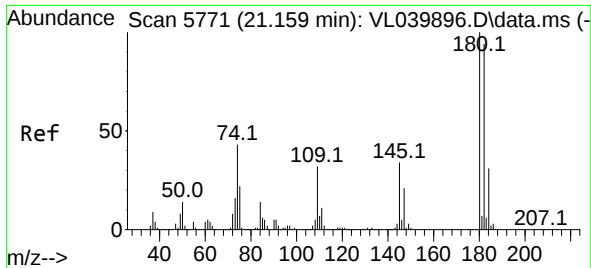


#80
Naphthalene,2-methyl-
Concen: 10.466 ppbv
RT: 24.345 min Scan# 6762
Delta R.T. -0.026 min
Lab File: VL039962.D
Acq: 2 Dec 2022 9:06



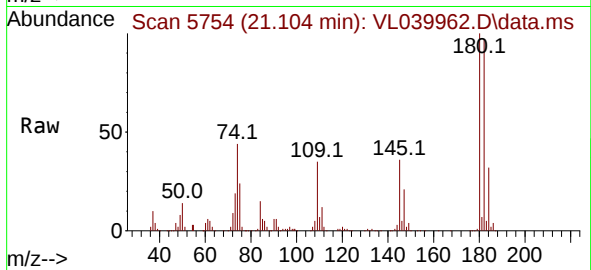
Tgt Ion:142 Resp: 652894
Ion Ratio Lower Upper
142 100
141 84.1 69.1 103.7
115 41.8 29.6 44.4





#81
 1,2,4-Trichlorobenzene
 Concen: 9.288 ppbv
 RT: 21.104 min Scan# 51
 Delta R.T. -0.023 min
 Lab File: VL039962.D
 Acq: 2 Dec 2022 9:06

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 127218
 Ion Ratio Lower Upper
 180 100
 182 96.7 77.0 115.6
 184 31.8 25.2 37.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/02/2022
 Supervised By :Mahesh Dadoda 12/05/2022

