

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110222\
 Data File : VL039810.D
 Acq On : 2 Nov 2022 10:43
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/03/2022
 Supervised By : Mahesh Dadoda 11/03/2022

Quant Time: Nov 02 11:25:24 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Oct 24 20:00:55 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	1042860	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2869680	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.452	117	2732583	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.760 95 2043687 10.513 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 105.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.742	85	1607097	14.718	ppbv	99
3) Chlorodifluoromethane	2.687	51	1271454	10.149	ppbv	97
4) Chloromethane	2.825	50	801318	10.218	ppbv	99
5) Vinyl Chloride	2.931	62	690989	10.623	ppbv	98
6) Bromomethane	3.127	94	235370	10.072	ppbv	99
7) Chloroethane	3.208	64	245372	10.504	ppbv	98
8) Dichlorotetrafluoroethane	2.867	85	1516988	10.642	ppbv	99
9) Propene	2.706	41	652466	12.122	ppbv	97
10) Heptane	7.568	43	1594728	12.375	ppbv	99
11) Trichlorofluoromethane	3.568	101	1474539	9.665	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.069	101	1094261	9.249	ppbv	99
13) Ethanol	3.250	45	40248m	10.412	ppbv	
14) Bromoethene	3.375	108	482502	10.276	ppbv	96
15) Acetone	3.475	43	1129117	9.065	ppbv	94
16) 1,3-Butadiene	2.996	39	621238	10.091	ppbv	91
17) tert-Butyl alcohol	3.880	59	1323165	13.024	ppbv	97
18) 1,1-Dichloroethene	3.886	96	500532m	9.614	ppbv	
19) Isopropyl Alcohol	3.581	45	675382	11.572	ppbv #	1
20) Methylene Chloride	3.938	84	437822	9.239	ppbv	98
21) Allyl Chloride	3.999	41	869415	10.784	ppbv	99
22) trans-1,2-Dichloroethene	4.446	96	516967	9.559	ppbv	99
23) Vinyl Acetate	4.626	43	506727	10.553	ppbv #	98
24) 1,1-Dichloroethane	4.565	63	1072029	9.587	ppbv	98
25) Ethyl Acetate	5.205	43	2742862	11.263	ppbv	100
26) Hexane	5.211	57	1173335	11.587	ppbv	96
27) Carbon Disulfide	4.127	76	1355512	11.277	ppbv	96
28) Methyl tert-Butyl Ether	4.587	73	1086378	12.331	ppbv	99
29) Chloroform	5.269	83	1716548	10.783	ppbv	98
30) Cyclohexane	6.594	84	992023	11.956	ppbv	97
31) cis-1,2-Dichloroethene	5.076	61	1122582	11.485	ppbv	99
32) 1,1,1-Trichloroethane	5.999	97	1728375	11.962	ppbv	96
34) 2-Butanone	4.787	43	1252482	9.278	ppbv	97
35) Carbon Tetrachloride	6.484	117	1802191	11.015	ppbv	100
36) Benzene	6.362	78	2523224	11.417	ppbv	97
37) 1,2-Dichloroethane	5.803	62	1258892	10.489	ppbv	99
38) Trichloroethene	7.282	130	1347206	10.798	ppbv	97
39) 1,2-Dichloropropane	7.063	63	977886	11.485	ppbv	97
40) 1,4-Dioxane	7.278	88	394982	13.610	ppbv #	100
41) Tetrahydrofuran	5.552	42	1035718	12.348	ppbv	96
42) Bromodichloromethane	7.240	83	1968743	11.648	ppbv	98
43) Methyl Methacrylate	7.465	69	1027205	13.347	ppbv	95
44) 2,2,4-Trimethylpentane	7.317	57	4153750	11.242	ppbv	98
45) t-1,3-Dichloropropene	8.696	75	1069728	16.361	ppbv	98

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 Supervised By : Mahesh Dadoda 11/03/2022

Quant Time: Nov 02 11:25:24 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Oct 24 20:00:55 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.130	75	1399428	14.915	ppbv	95
47) 1,1,2-Trichloroethane	8.889	97	989451	10.854	ppbv	97
48) Dibromochloromethane	9.696	129	1732934	11.808	ppbv	100
49) Bromoform	12.387	173	1433742	11.995	ppbv	97
50) 4-Methyl-2-Pentanone	8.172	43	2557302	12.073	ppbv	97
51) 2-Hexanone	9.542	43	2049052	13.214	ppbv #	96
52) Tetrachloroethene	10.603	164	902917	10.907	ppbv	96
53) Toluene	9.208	91	2879001	12.434	ppbv	97
54) 1,2-Dibromoethane	9.995	107	1175825	12.706	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.494	131	1196906	10.351	ppbv	100
57) Chlorobenzene	11.510	112	2125437	10.140	ppbv	97
58) Ethyl Benzene	12.076	91	3792381	12.182	ppbv	97
59) m/p-Xylene	12.362	91	6198486m	22.061	ppbv	
60) o-Xylene	13.043	91	2964885	11.254	ppbv	98
61) Styrene	12.886	104	1921064	13.884	ppbv	99
62) Isopropylbenzene	14.014	105	4282224	10.639	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.031	83	1062730	9.591	ppbv	99
64) n-propylbenzene	14.905	120	1170606	11.485	ppbv	85
65) tert-Butylbenzene	16.079	119	3684911	10.506	ppbv	99
66) Benzyl Chloride	16.313	91	507393	20.394	ppbv	96
67) sec-Butylbenzene	16.622	105	5123189	10.370	ppbv	98
69) p-Isopropyltoluene	16.985	119	4262162	10.665	ppbv	98
70) n-Butylbenzene	17.873	91	4173997	10.923	ppbv	98
71) 2-Chlorotoluene	14.786	91	3266121	11.683	ppbv	100
72) 4-Ethyltoluene	15.178	105	3468648	11.429	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	3066978	11.292	ppbv	96
74) 1,2,4-Trimethylbenzene	16.095	105	3157773	10.266	ppbv	99
75) 1,3-Dichlorobenzene	16.317	146	1892540	10.138	ppbv	99
76) 1,4-Dichlorobenzene	16.458	146	1835409	10.309	ppbv	98
77) 1,2-Dichlorobenzene	17.130	146	1774942	9.971	ppbv	100
78) Hexachloro-1,3-Butadiene	22.619	225	1141257	8.412	ppbv	99
79) Naphthalene	21.371	128	2328693	12.380	ppbv	98
80) Naphthalene,2-methyl-	24.368	142	1024035	16.033	ppbv	99
81) 1,2,4-Trichlorobenzene	21.130	180	1246262	10.025	ppbv	99

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

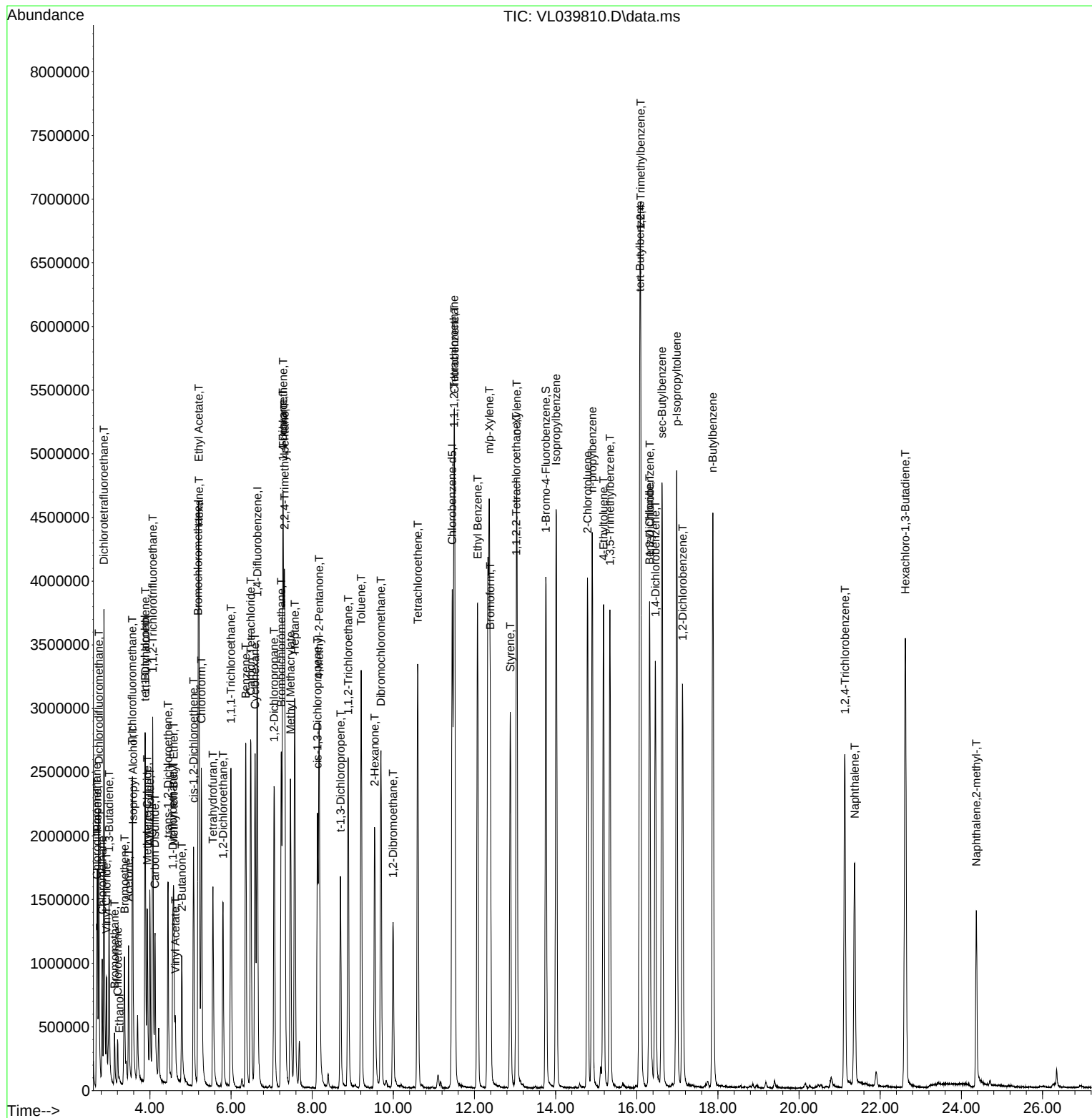
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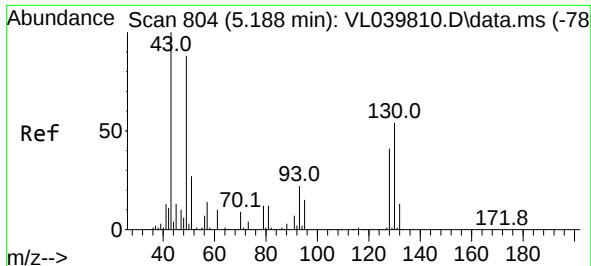
Instrument :
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
 QLast Update : Mon Oct 24 20:00:55 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

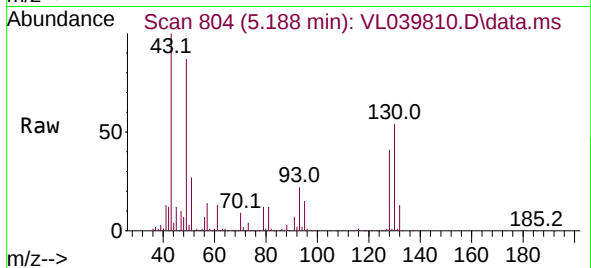
Reviewed By : Semsettin Yesilyurt 11/03/2022
 Supervised By : Mahesh Dadoda 11/03/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 804
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

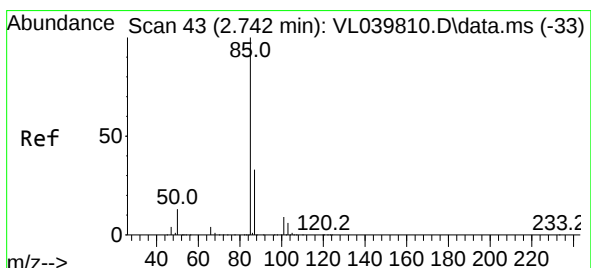
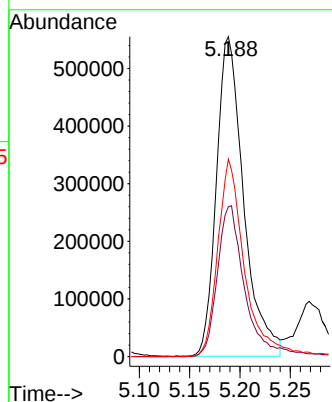
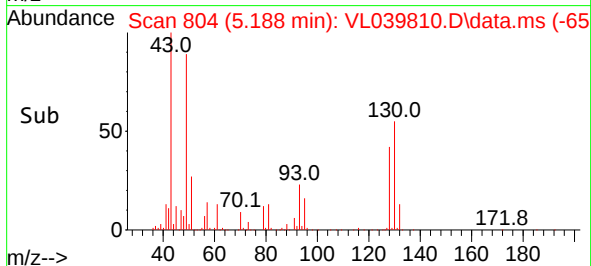
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 49 Resp: 1042860
Ion Ratio Lower Upper
49 100
128 49.1 24.6 74.0
130 62.1 31.8 95.3

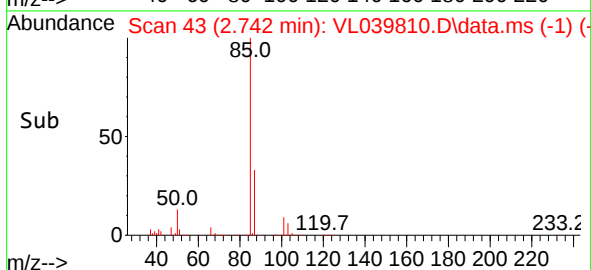
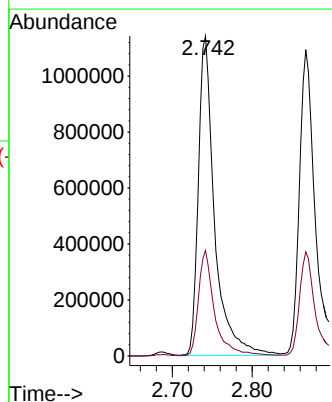
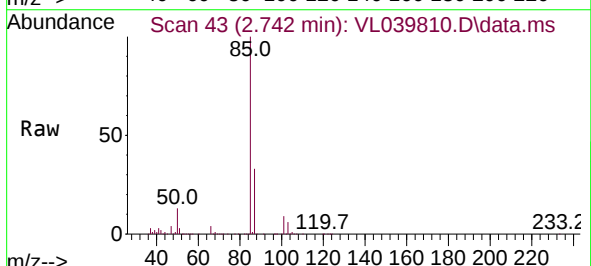
Manual Integrations
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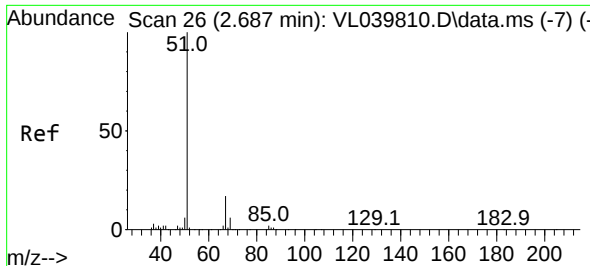
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#2
Dichlorodifluoromethane
Concen: 14.718 ppbv
RT: 2.742 min Scan# 43
Delta R.T. -0.007 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

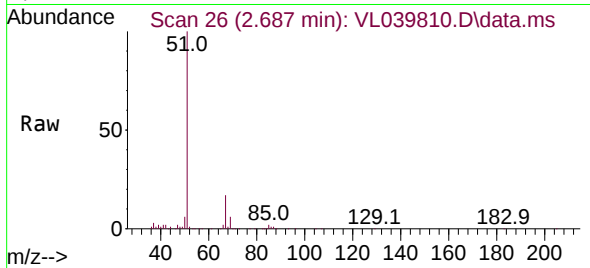
Tgt Ion: 85 Resp: 1607097
Ion Ratio Lower Upper
85 100
87 33.0 26.1 39.1





#3
Chlorodifluoromethane
Concen: 10.149 ppbv
RT: 2.687 min Scan# 26
Delta R.T. -0.007 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

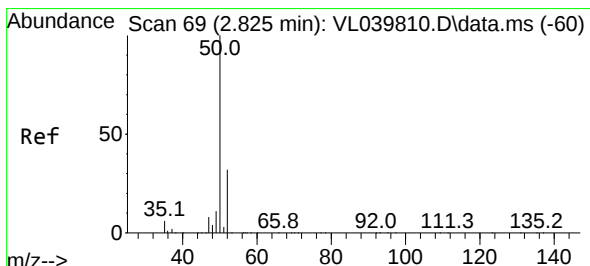
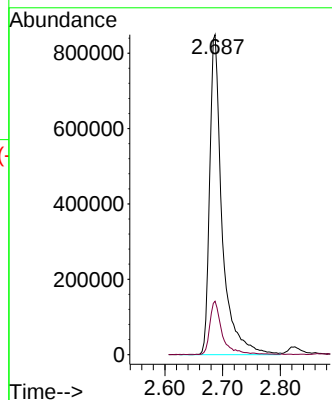
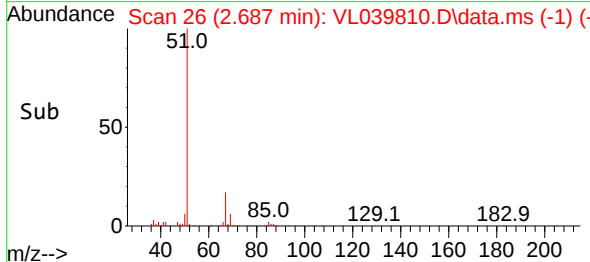
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



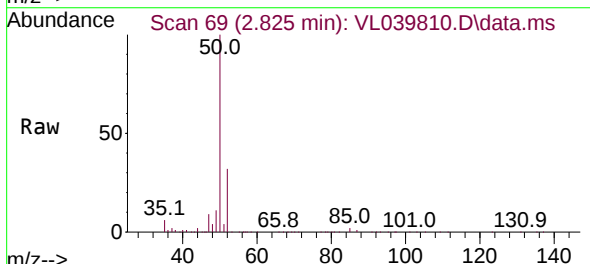
Tgt Ion: 51 Resp: 1271454
Ion Ratio Lower Upper
51 100
67 16.5 14.2 21.2

Manual Integrations
APPROVED

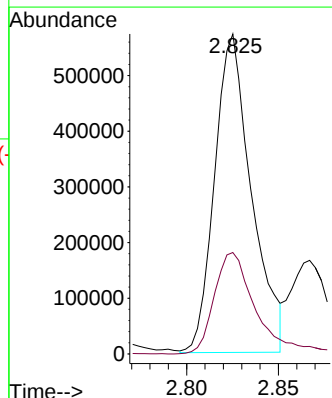
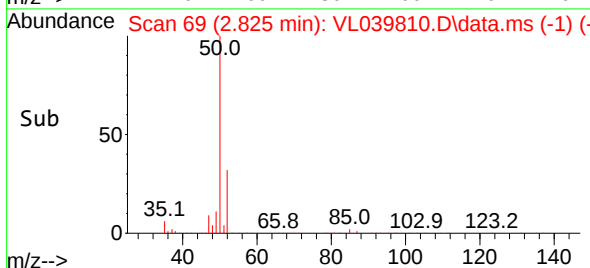
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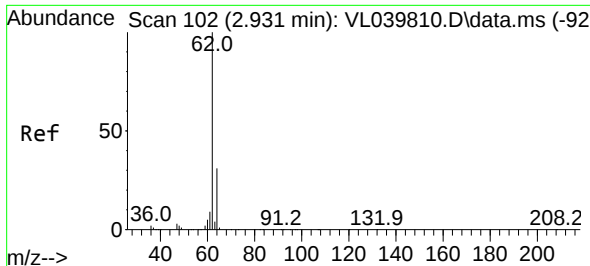


#4
Chloromethane
Concen: 10.218 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.007 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43



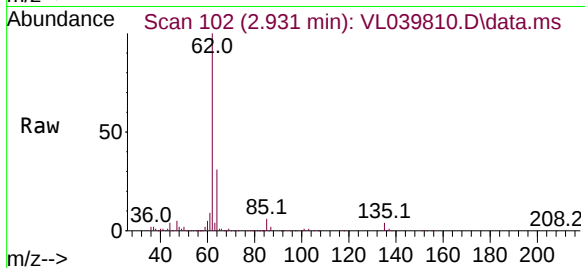
Tgt Ion: 50 Resp: 801318
Ion Ratio Lower Upper
50 100
52 31.9 25.9 38.9





#5
 Vinyl Chloride
 Concen: 10.623 ppbv
 RT: 2.931 min Scan# 102
 Delta R.T. -0.007 min
 Lab File: VL039810.D
 Acq: 2 Nov 2022 10:43

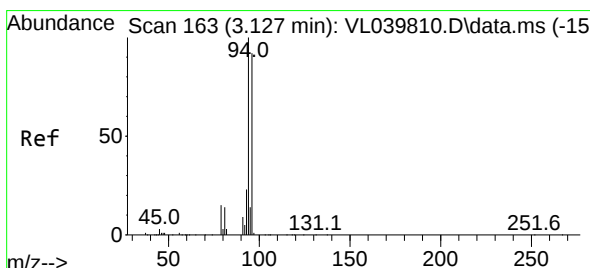
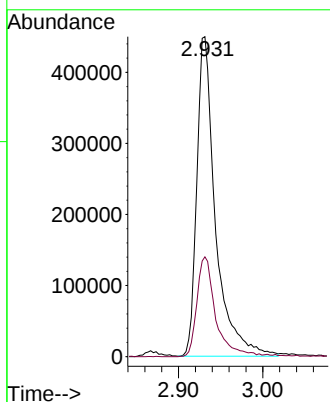
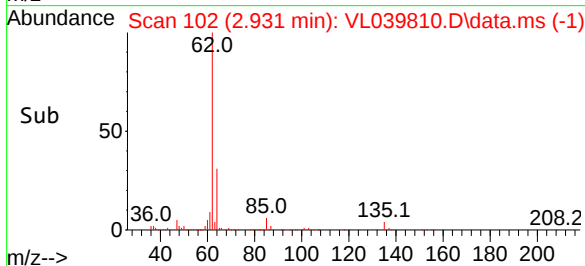
Instrument :
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 ClientSampleId :
 VSTDICCC010



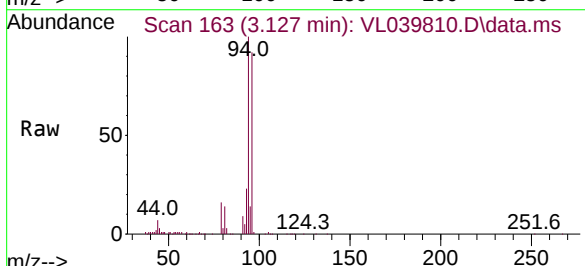
Tgt Ion: 62 Resp: 690989
 Ion Ratio Lower Upper
 62 100
 64 31.2 26.0 39.0

Manual Integrations
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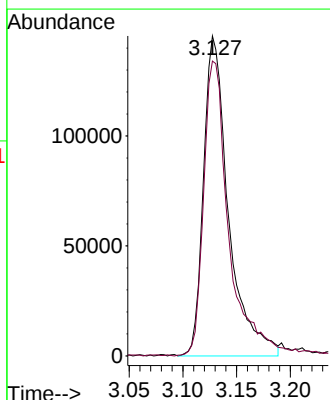
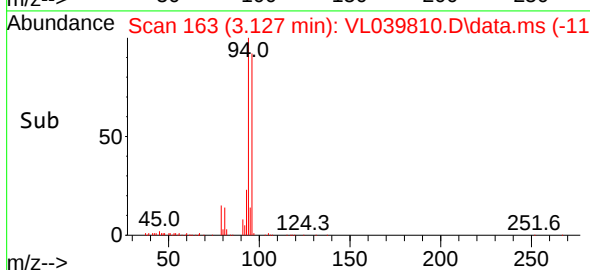
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

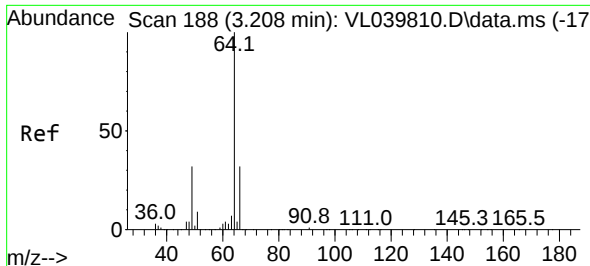


#6
 Bromomethane
 Concen: 10.072 ppbv
 RT: 3.127 min Scan# 163
 Delta R.T. -0.010 min
 Lab File: VL039810.D
 Acq: 2 Nov 2022 10:43



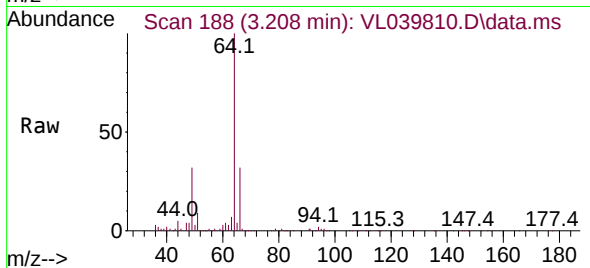
Tgt Ion: 94 Resp: 235370
 Ion Ratio Lower Upper
 94 100
 96 91.9 73.0 109.6





#7
Chloroethane
Concen: 10.504 ppbv
RT: 3.208 min Scan# 188
Delta R.T. -0.007 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

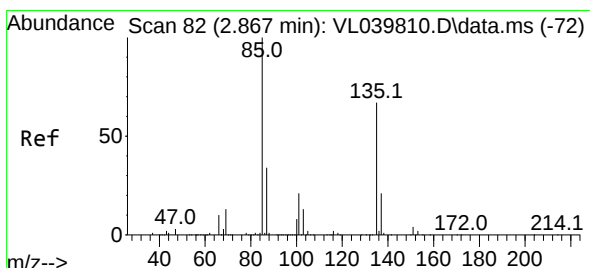
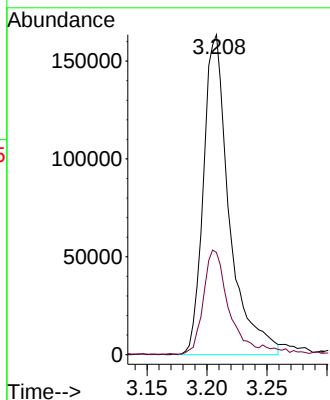
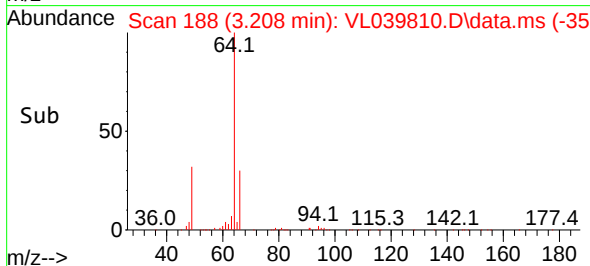
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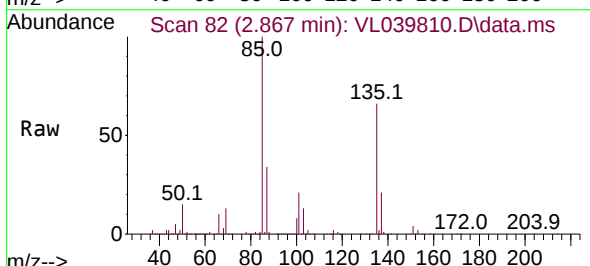
Tgt Ion: 64 Resp: 245372
Ion Ratio Lower Upper
64 100
66 31.9 26.3 39.5

Manual Integrations
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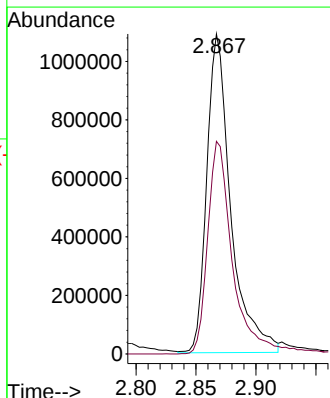
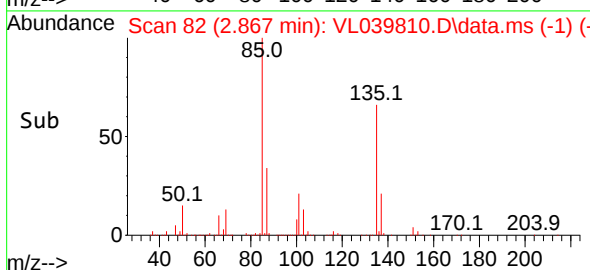
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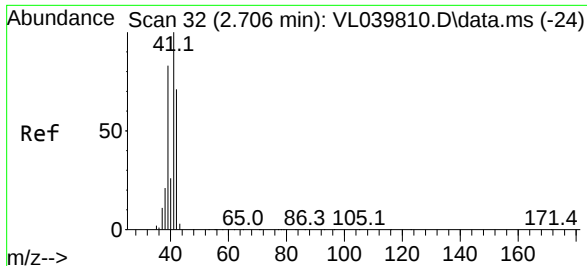


#8
Dichlorotetrafluoroethane
Concen: 10.642 ppbv
RT: 2.867 min Scan# 82
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43



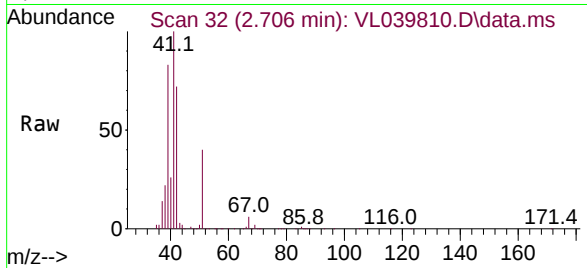
Tgt Ion: 85 Resp: 1516988
Ion Ratio Lower Upper
85 100
135 70.9 55.8 83.6





#9
 Propene
 Concen: 12.122 ppbv
 RT: 2.706 min Scan# 31
 Delta R.T. -0.007 min
 Lab File: VL039810.D
 Acq: 2 Nov 2022 10:43

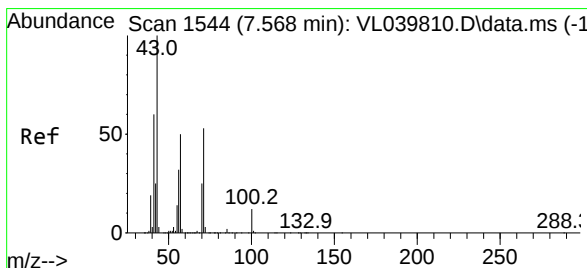
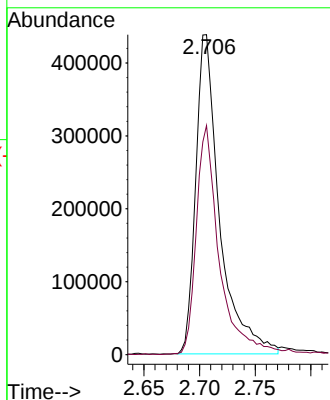
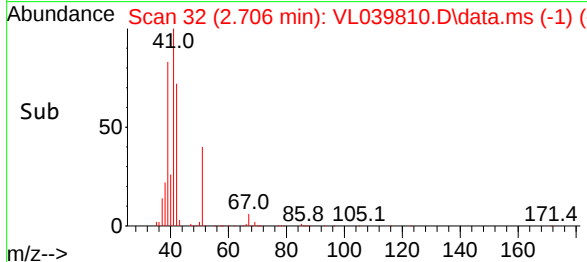
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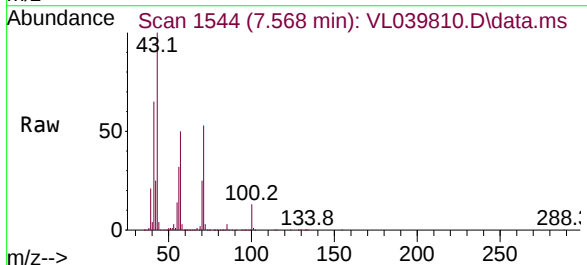
Tgt Ion: 41 Resp: 652466
 Ion Ratio Lower Upper
 41 100
 42 70.4 58.0 87.0

Manual Integrations
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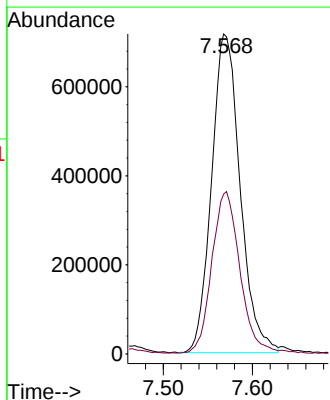
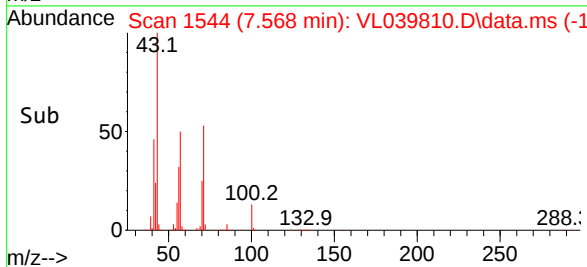
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

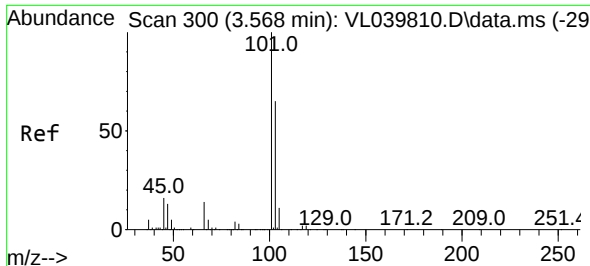


#10
 Heptane
 Concen: 12.375 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. -0.013 min
 Lab File: VL039810.D
 Acq: 2 Nov 2022 10:43



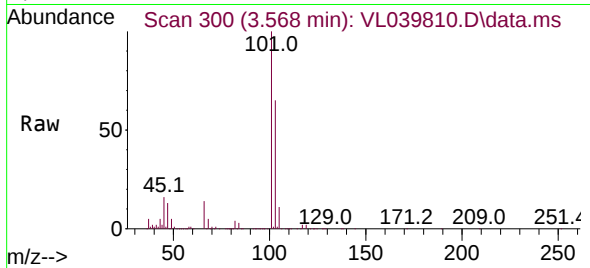
Tgt Ion: 43 Resp: 1594728
 Ion Ratio Lower Upper
 43 100
 57 50.6 40.0 60.0





#11
 Trichlorofluoromethane
 Concen: 9.665 ppbv
 RT: 3.568 min Scan# 300
 Delta R.T. -0.010 min
 Lab File: VL039810.D
 Acq: 2 Nov 2022 10:43

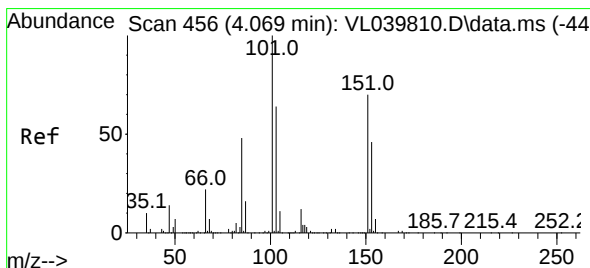
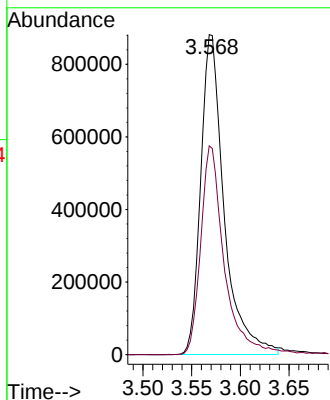
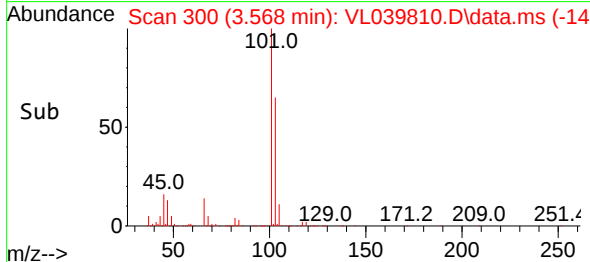
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



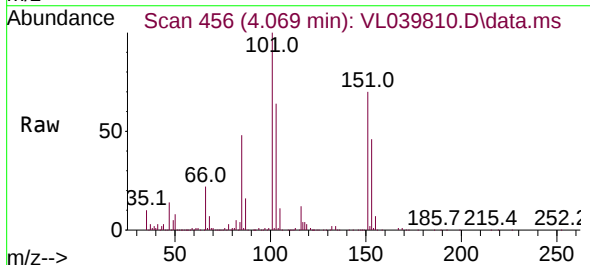
Tgt Ion:101 Resp: 1474539
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.7 79.1

Manual Integrations
 APPROVED

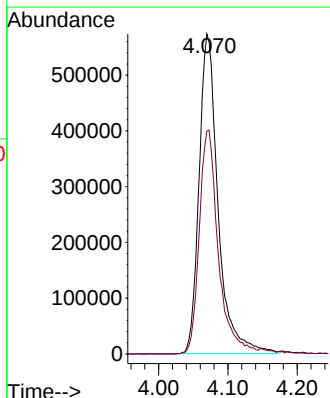
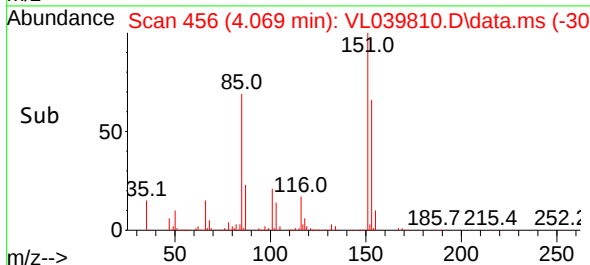
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

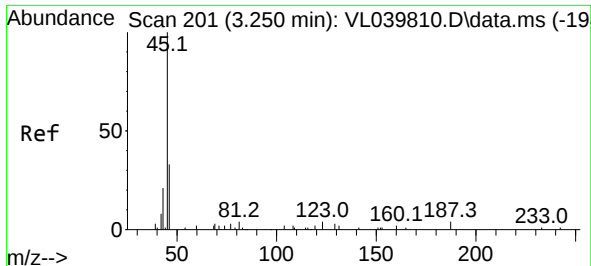


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.249 ppbv
 RT: 4.069 min Scan# 456
 Delta R.T. -0.010 min
 Lab File: VL039810.D
 Acq: 2 Nov 2022 10:43



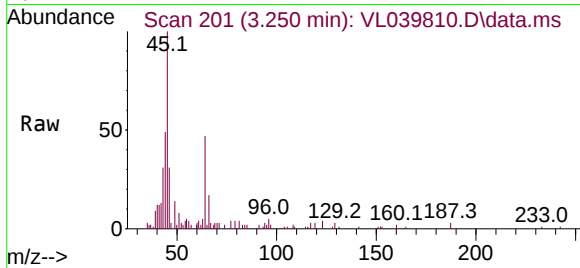
Tgt Ion:101 Resp: 1094261
 Ion Ratio Lower Upper
 101 100
 151 71.5 56.6 84.8





#13
Ethanol
Concen: 10.412 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

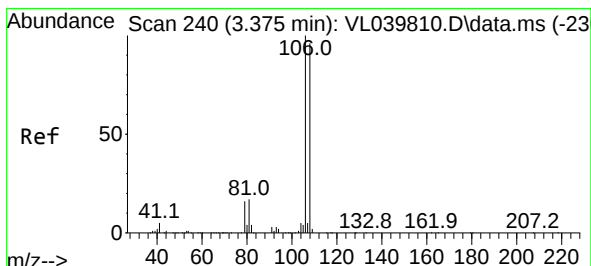
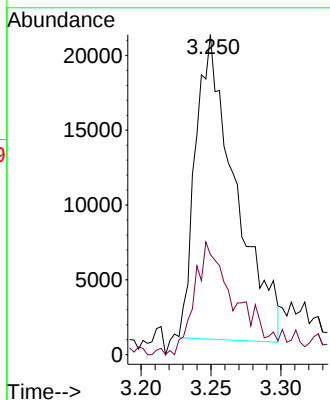
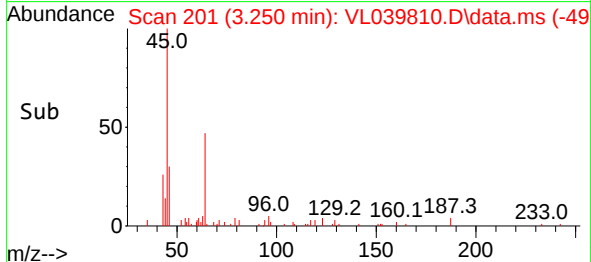
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



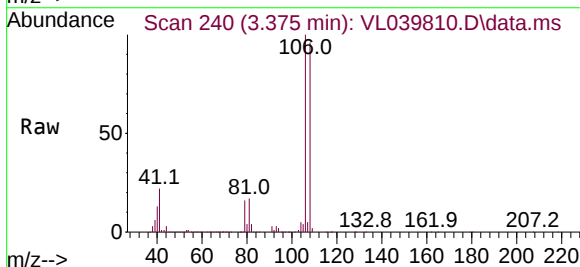
Tgt Ion: 45 Resp: 40248
Ion Ratio Lower Upper
45 100
46 41.2 15.3 61.3

Manual Integrations
APPROVED

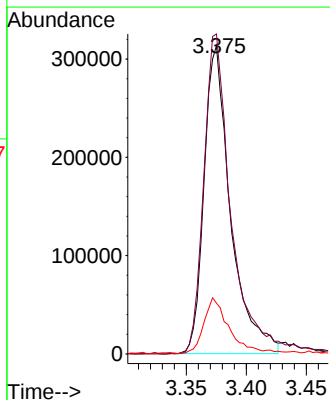
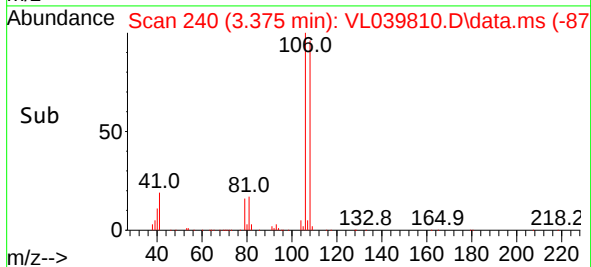
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

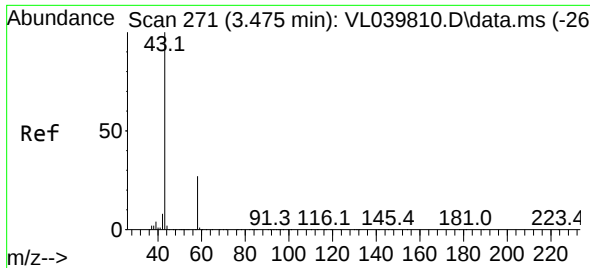


#14
Bromoethene
Concen: 10.276 ppbv
RT: 3.375 min Scan# 240
Delta R.T. -0.007 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43



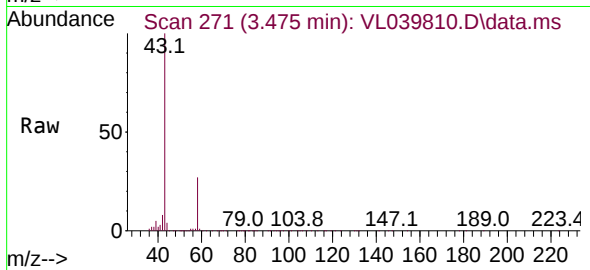
Tgt Ion:108 Resp: 482502
Ion Ratio Lower Upper
108 100
106 109.8 90.6 136.0
79 18.1 16.6 24.8





#15
Acetone
Concen: 9.065 ppbv
RT: 3.475 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

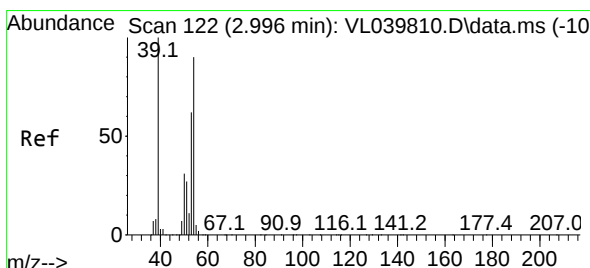
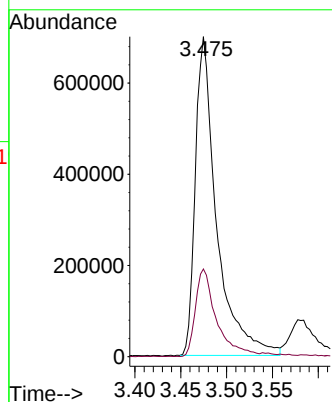
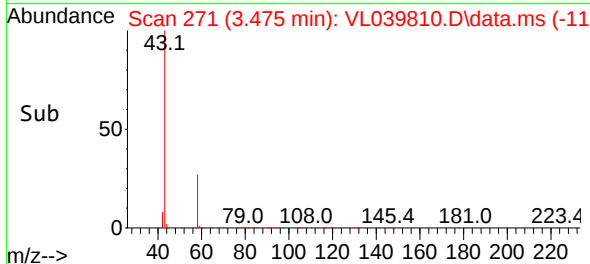
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



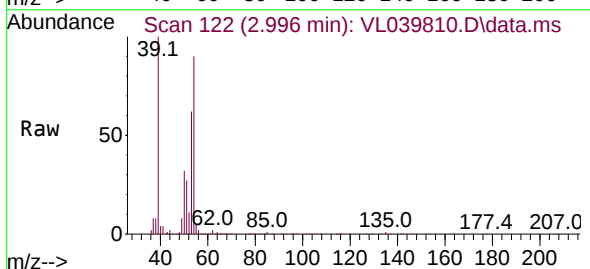
Tgt Ion: 43 Resp: 112911
Ion Ratio Lower Upper
43 100
58 29.0 20.7 31.1

Manual Integrations
APPROVED

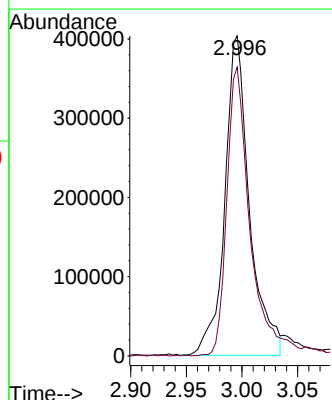
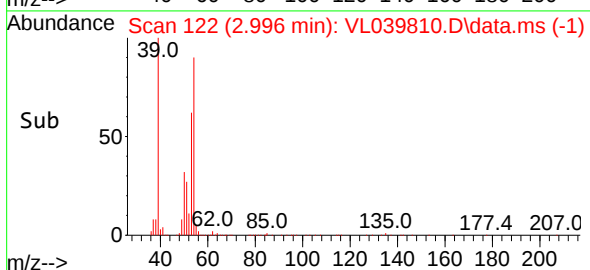
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

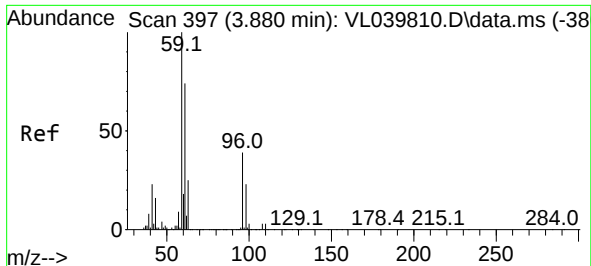


#16
1,3-Butadiene
Concen: 10.091 ppbv
RT: 2.996 min Scan# 122
Delta R.T. -0.007 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43



Tgt Ion: 39 Resp: 621238
Ion Ratio Lower Upper
39 100
54 88.7 64.6 97.0





#17

tert-Butyl alcohol

Concen: 13.024 ppbv

RT: 3.880 min Scan# 397

Delta R.T. -0.010 min

Lab File: VL039810.D

Acq: 2 Nov 2022 10:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 59 Resp: 132316

Ion Ratio Lower Upper

59 100

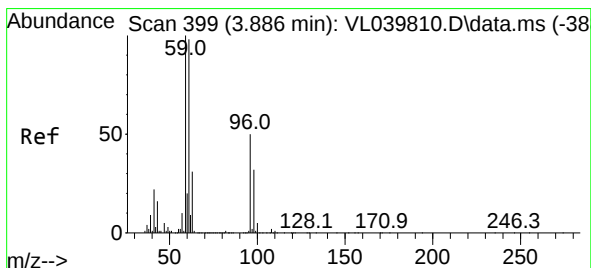
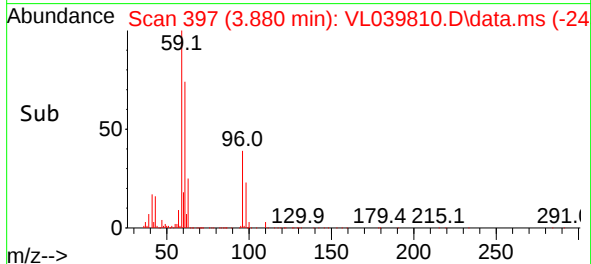
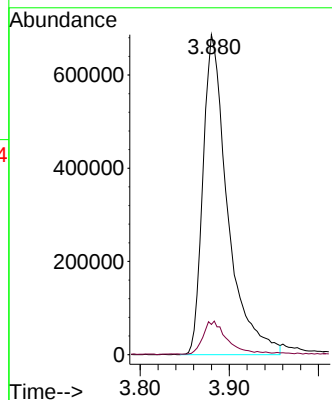
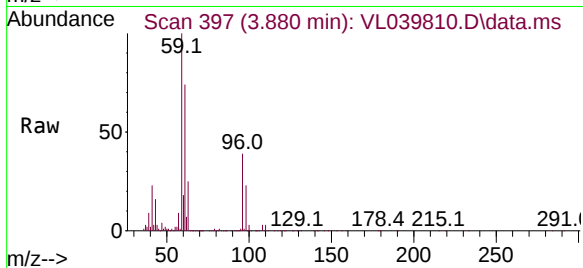
57 11.3 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#18

1,1-Dichloroethene

Concen: 9.614 ppbv m

RT: 3.886 min Scan# 399

Delta R.T. -0.010 min

Lab File: VL039810.D

Acq: 2 Nov 2022 10:43

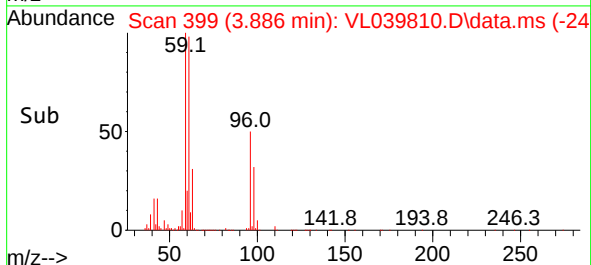
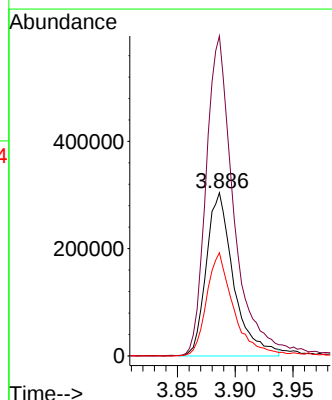
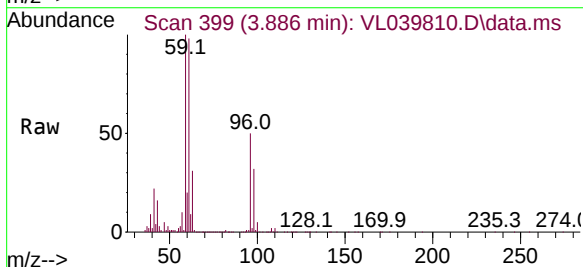
Tgt Ion: 96 Resp: 500532

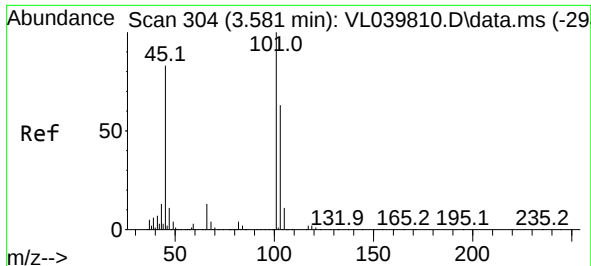
Ion Ratio Lower Upper

96 100

61 196.1 157.6 236.4

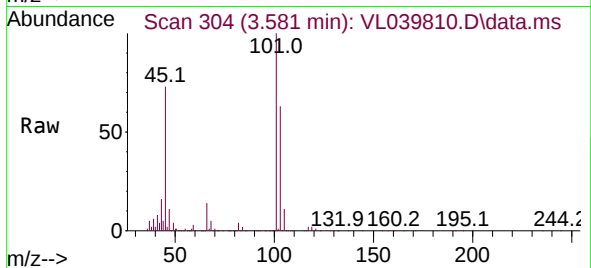
98 63.2 49.9 74.9





#19
Isopropyl Alcohol
Concen: 11.572 ppbv
RT: 3.581 min Scan# 304
Delta R.T. -0.007 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

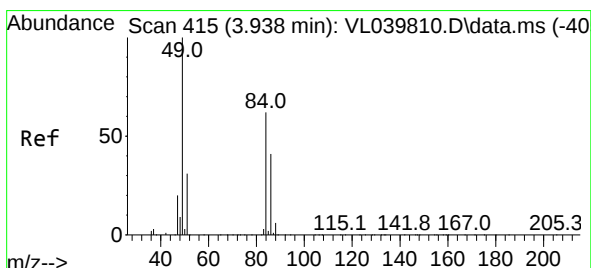
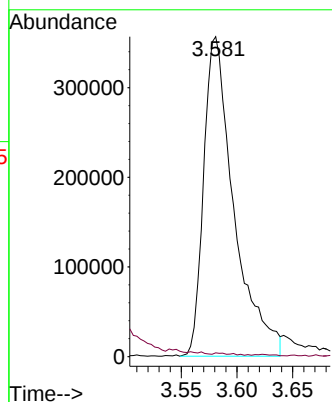
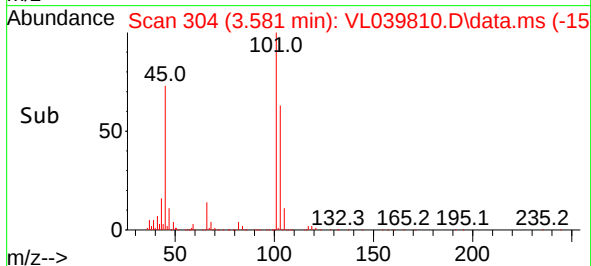
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



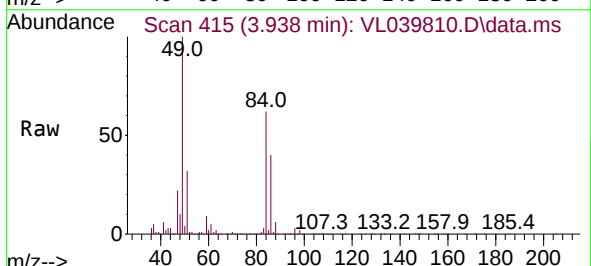
Tgt Ion: 45 Resp: 675382
Ion Ratio Lower Upper
45 100
58 47.9 2.8 4.2

Manual Integrations
APPROVED

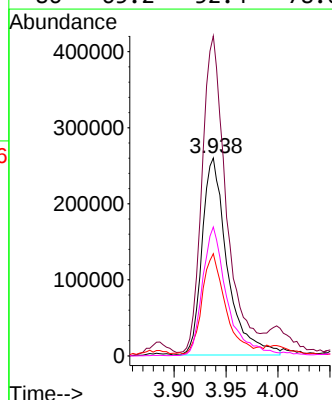
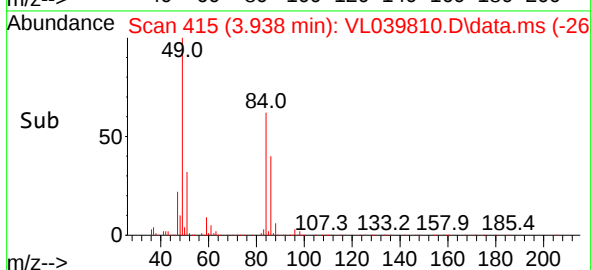
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

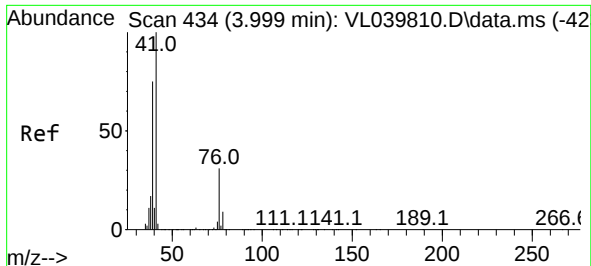


#20
Methylene Chloride
Concen: 9.239 ppbv
RT: 3.938 min Scan# 415
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43



Tgt Ion: 84 Resp: 437822
Ion Ratio Lower Upper
84 100
49 160.7 126.0 189.0
51 50.3 40.9 61.3
86 65.2 52.4 78.6





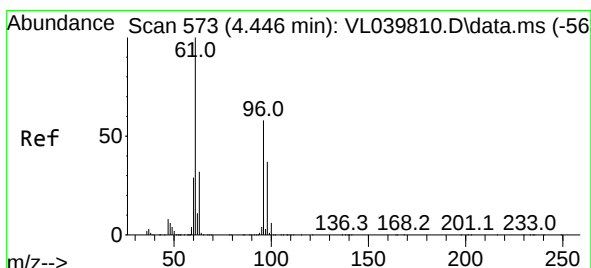
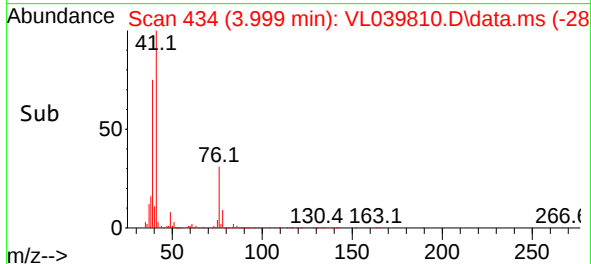
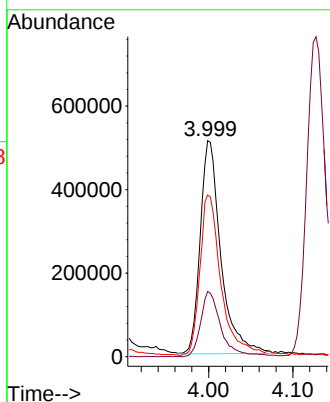
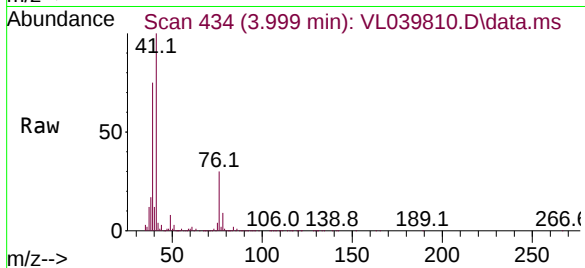
#21
 Allyl Chloride
 Concen: 10.784 ppbv
 RT: 3.999 min Scan# 434
 Delta R.T. -0.013 min
 Lab File: VL039810.D
 Acq: 2 Nov 2022 10:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 41 Resp: 869415
 Ion Ratio Lower Upper
 41 100
 76 30.1 23.5 35.3
 39 80.4 64.9 97.3

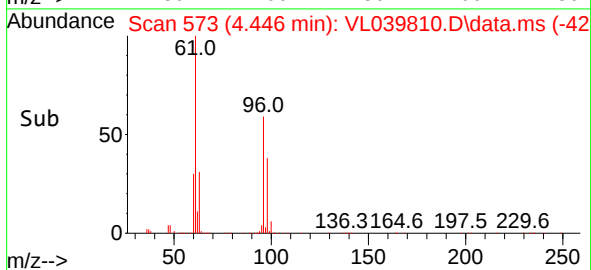
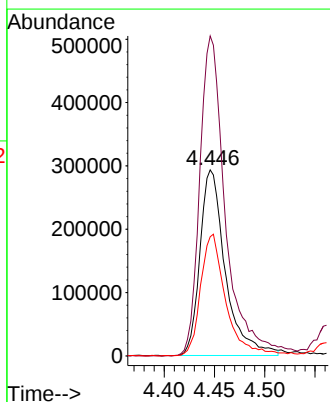
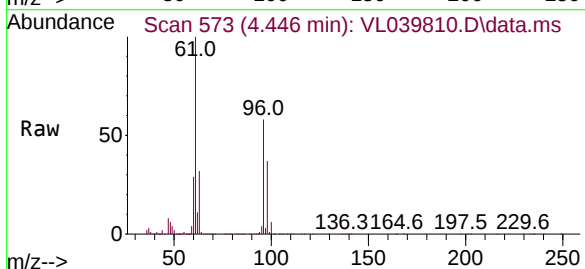
Manual Integrations
 APPROVED

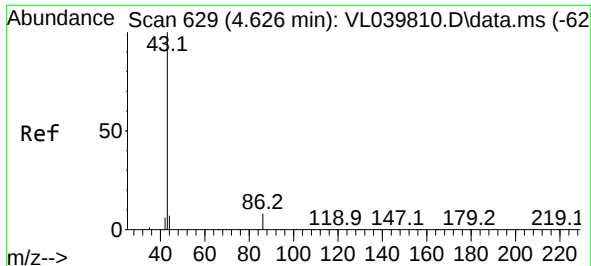
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.559 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. -0.010 min
 Lab File: VL039810.D
 Acq: 2 Nov 2022 10:43

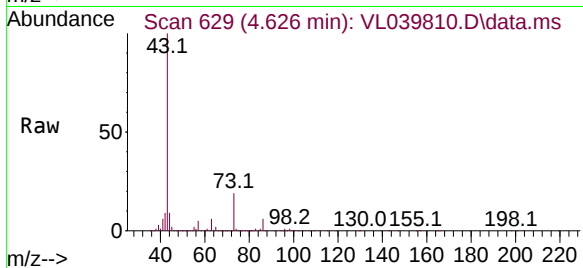
Tgt Ion: 96 Resp: 516967
 Ion Ratio Lower Upper
 96 100
 61 172.0 137.1 205.7
 98 64.0 49.8 74.6





#23
 Vinyl Acetate
 Concen: 10.553 ppbv
 RT: 4.626 min Scan# 610
 Delta R.T. -0.013 min
 Lab File: VL039810.D
 Acq: 2 Nov 2022 10:43

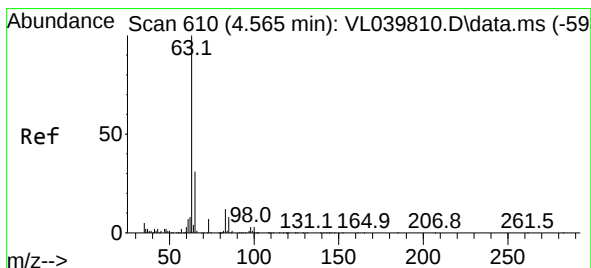
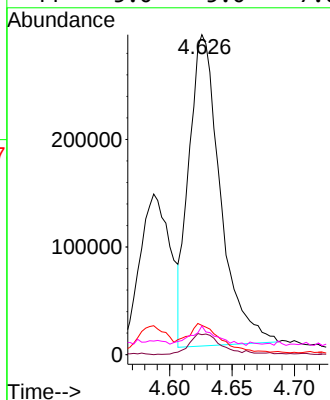
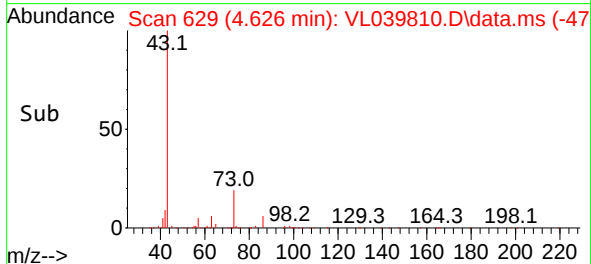
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



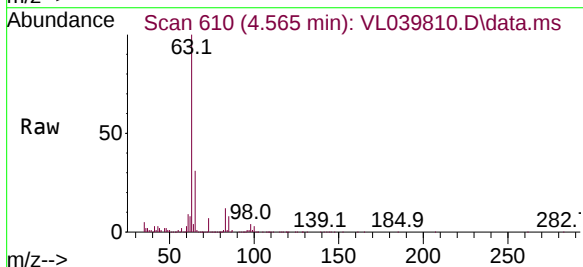
Tgt Ion: 43 Resp: 506727
 Ion Ratio Lower Upper
 43 100
 86 6.2 4.9 7.3
 42 8.5 7.2 10.8
 44 5.0 5.0 7.6#

Manual Integrations
 APPROVED

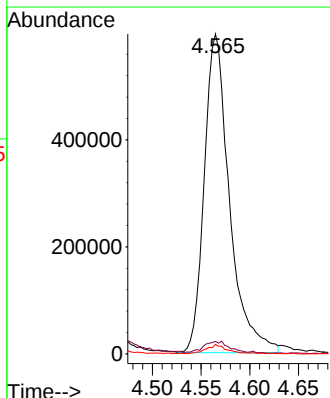
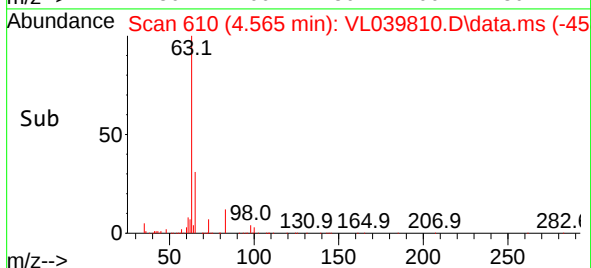
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

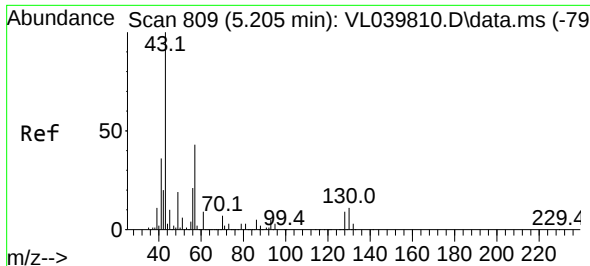


#24
 1,1-Dichloroethane
 Concen: 9.587 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. -0.010 min
 Lab File: VL039810.D
 Acq: 2 Nov 2022 10:43



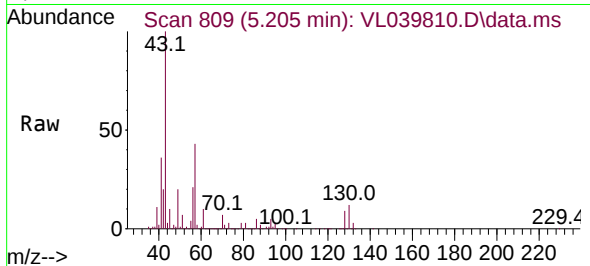
Tgt Ion: 63 Resp: 1072029
 Ion Ratio Lower Upper
 63 100
 98 3.6 2.1 6.3
 100 2.9 1.1 3.5





#25
Ethyl Acetate
Concen: 11.263 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

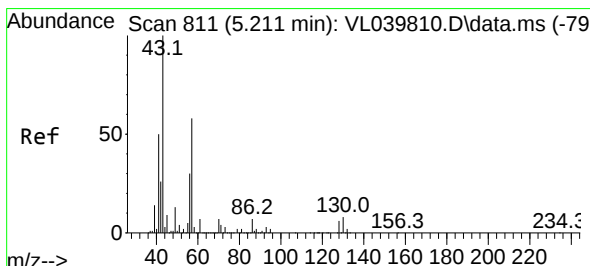
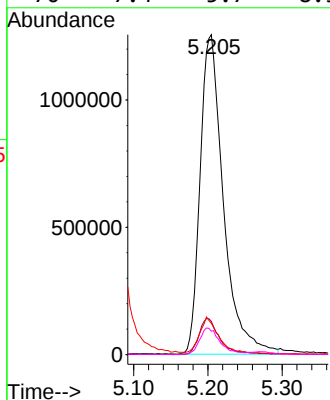
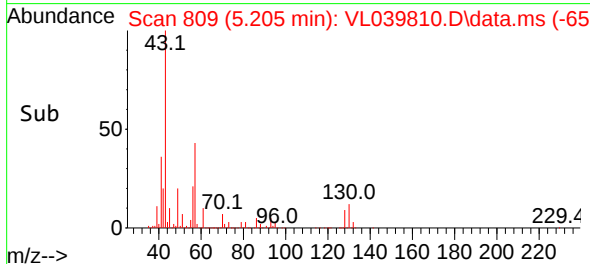
Instrument :
MSVOA_L
Client Sample Id :
VSTDICCC010



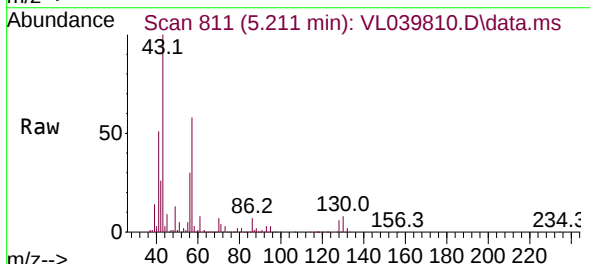
Tgt Ion: 43 Resp: 2742862
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.2
61 10.1 8.2 12.4
70 7.4 5.7 8.5

Manual Integrations
APPROVED

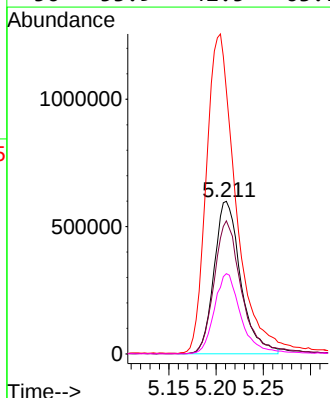
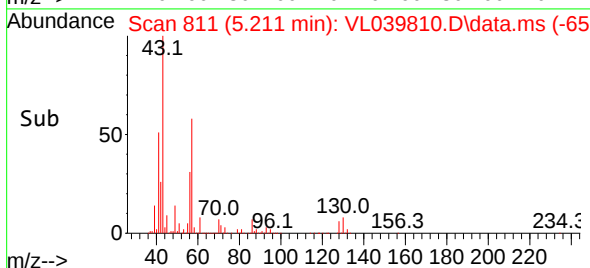
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

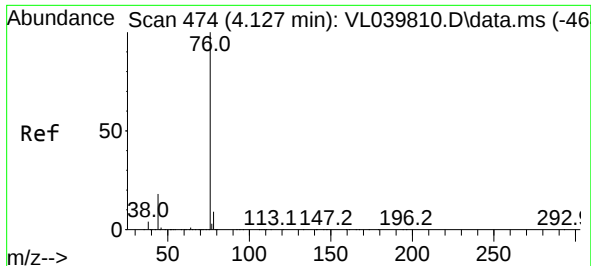


#26
Hexane
Concen: 11.587 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43



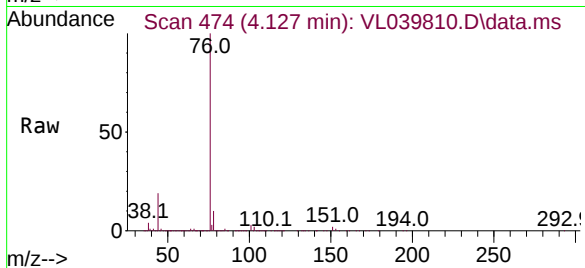
Tgt Ion: 57 Resp: 1173335
Ion Ratio Lower Upper
57 100
41 92.1 76.1 114.1
43 237.3 197.1 295.7
56 53.9 42.5 63.7





#27
Carbon Disulfide
Concen: 11.277 ppbv
RT: 4.127 min Scan# 474
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

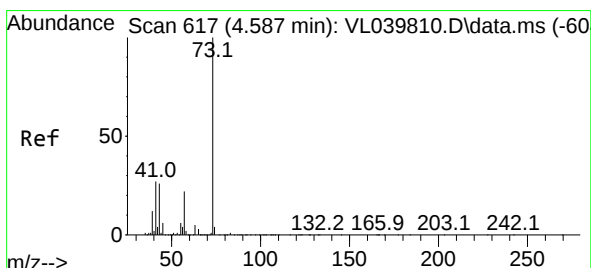
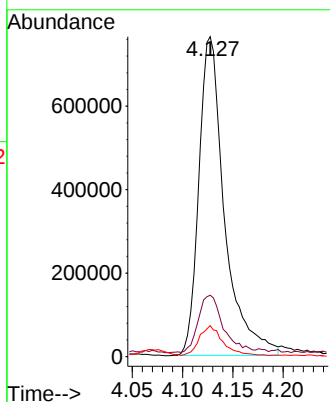
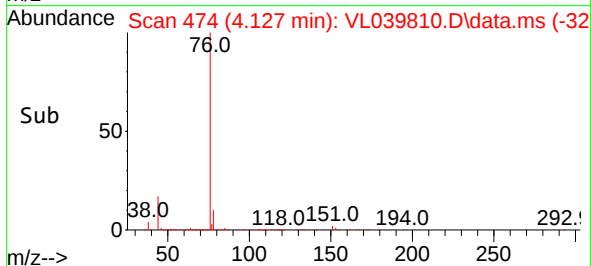
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 76 Resp: 1355512
Ion Ratio Lower Upper
76 100
44 18.3 16.6 25.0
78 9.5 7.6 11.4

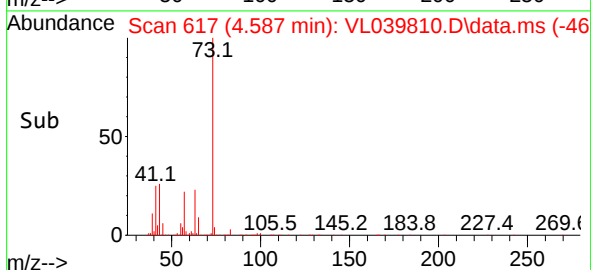
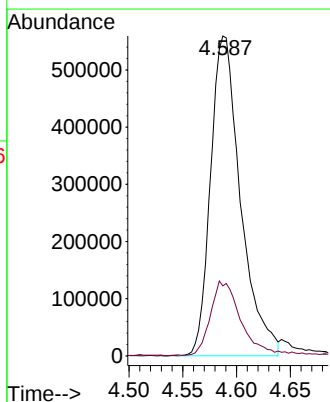
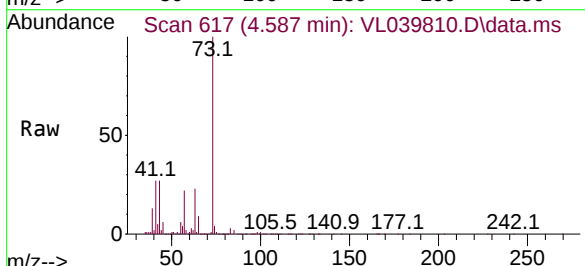
Manual Integrations
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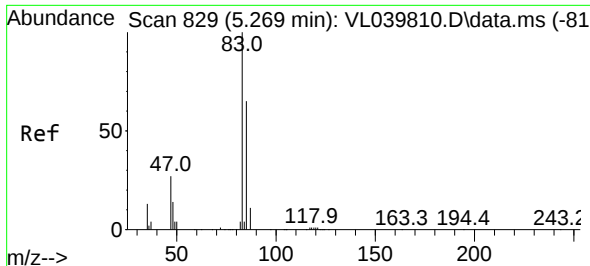
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#28
Methyl tert-Butyl Ether
Concen: 12.331 ppbv
RT: 4.587 min Scan# 617
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

Tgt Ion: 73 Resp: 1086378
Ion Ratio Lower Upper
73 100
57 24.3 19.1 28.7





#29

Chloroform

Concen: 10.783 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL039810.D

Acq: 2 Nov 2022 10:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 1716548

Ion Ratio Lower Upper

83 100

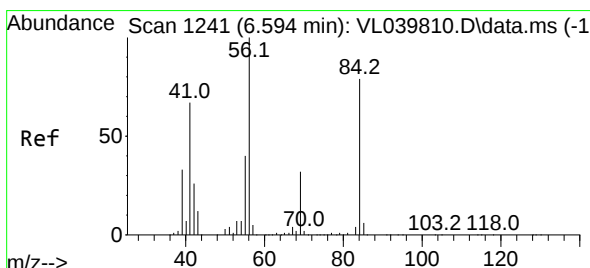
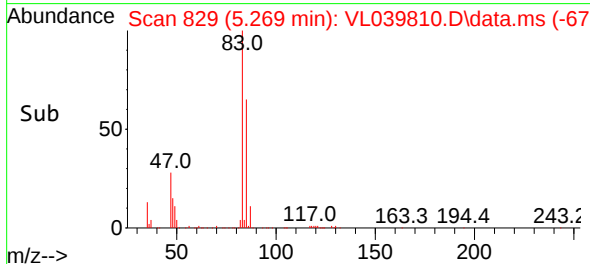
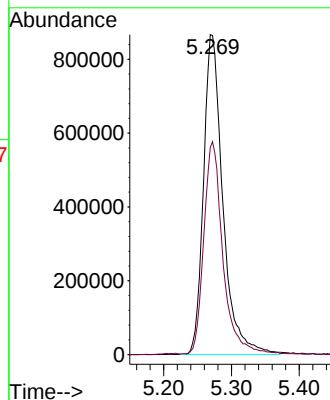
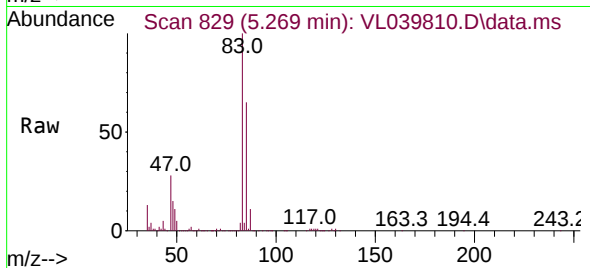
85 64.5 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#30

Cyclohexane

Concen: 11.956 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.013 min

Lab File: VL039810.D

Acq: 2 Nov 2022 10:43

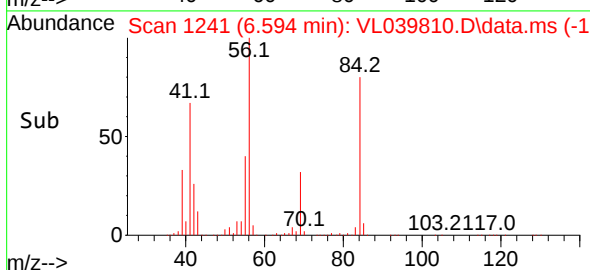
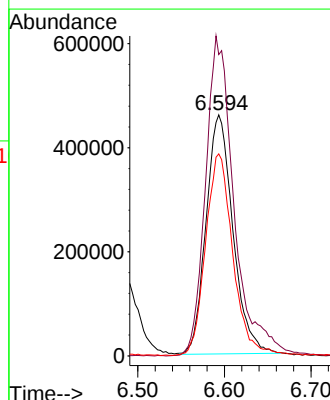
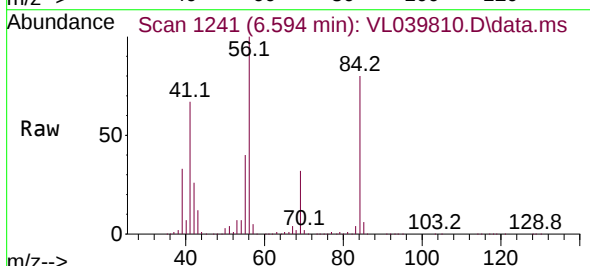
Tgt Ion: 84 Resp: 992023

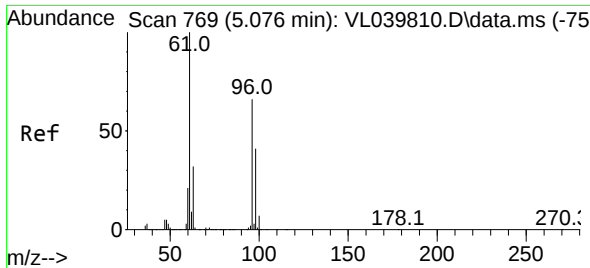
Ion Ratio Lower Upper

84 100

56 143.5 111.8 167.6

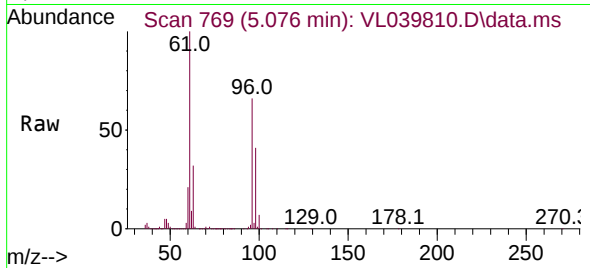
41 85.8 71.5 107.3





#31
cis-1,2-Dichloroethene
Concen: 11.485 ppbv
RT: 5.076 min Scan# 769
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

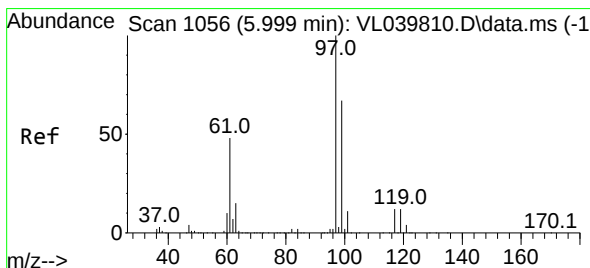
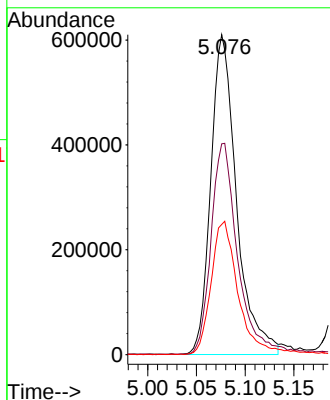
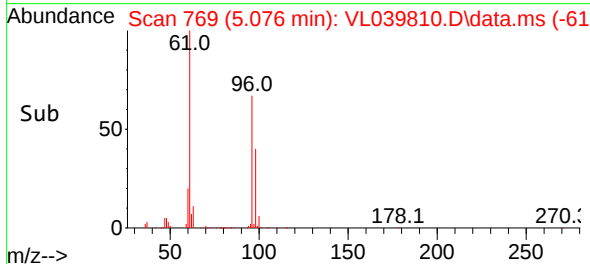
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



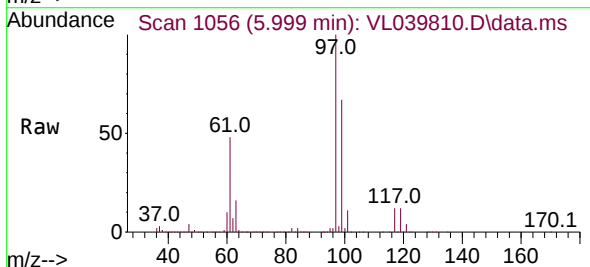
Tgt Ion: 61 Resp: 1122582
Ion Ratio Lower Upper
61 100
96 65.7 52.2 78.2
98 40.7 32.9 49.3

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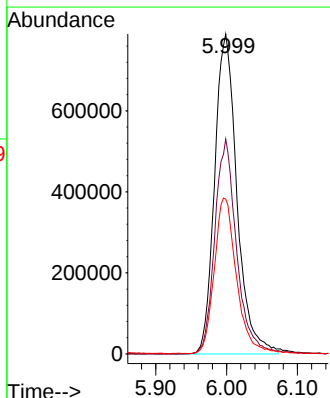
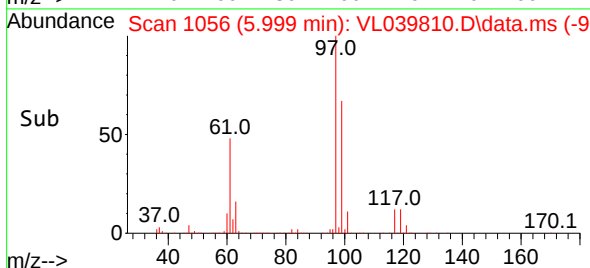
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

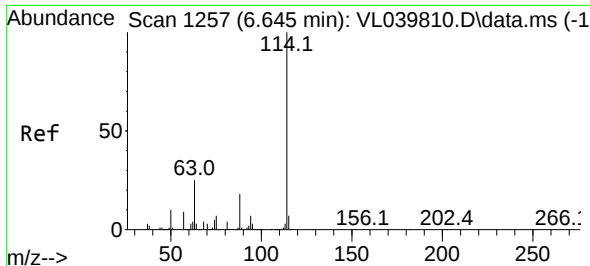


#32
1,1,1-Trichloroethane
Concen: 11.962 ppbv
RT: 5.999 min Scan# 1056
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43



Tgt Ion: 97 Resp: 1728375
Ion Ratio Lower Upper
97 100
99 65.9 52.2 78.4
61 48.6 43.2 64.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 1257

Delta R.T. -0.013 min

Lab File: VL039810.D

Acq: 2 Nov 2022 10:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:114 Resp: 2869680

Ion Ratio Lower Upper

114 100

63 24.7 20.1 30.1

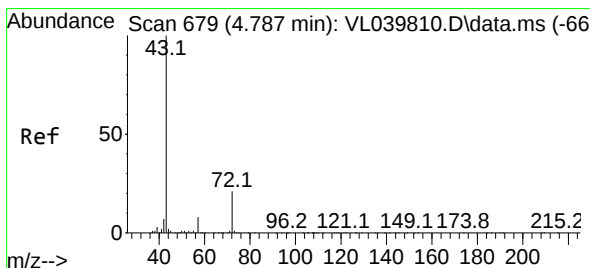
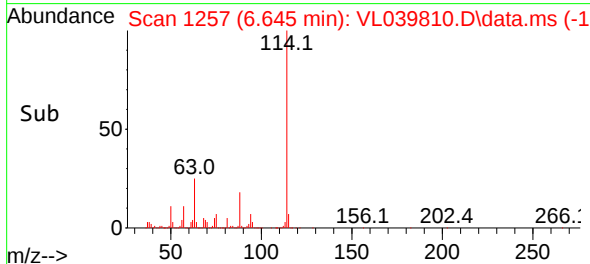
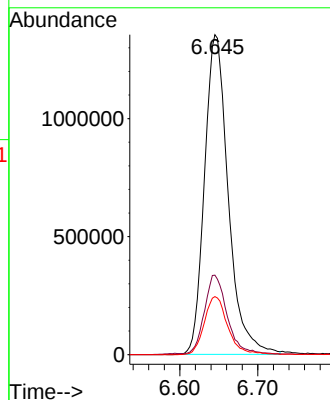
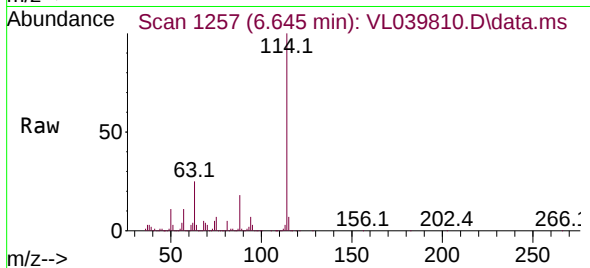
88 18.0 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#34

2-Butanone

Concen: 9.278 ppbv

RT: 4.787 min Scan# 679

Delta R.T. -0.010 min

Lab File: VL039810.D

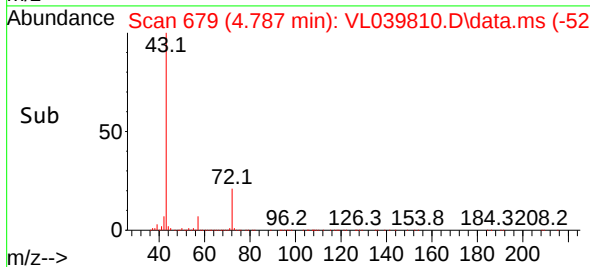
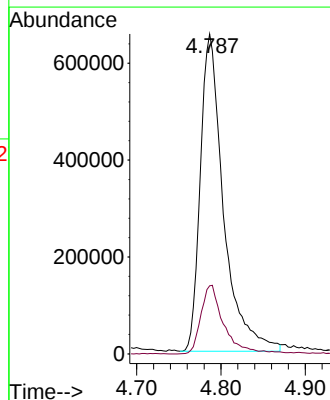
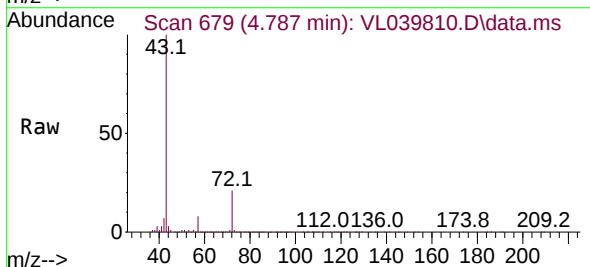
Acq: 2 Nov 2022 10:43

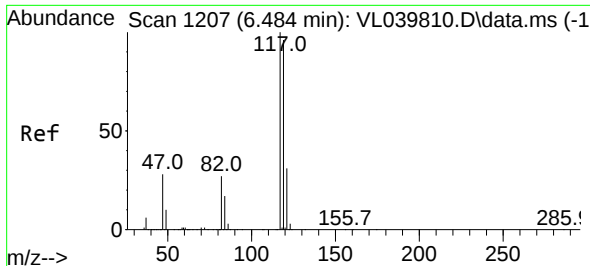
Tgt Ion: 43 Resp: 1252482

Ion Ratio Lower Upper

43 100

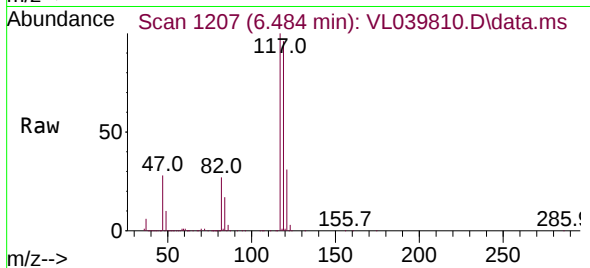
72 21.9 16.5 24.7





#35
Carbon Tetrachloride
Concen: 11.015 ppbv
RT: 6.484 min Scan# 117
Delta R.T. -0.013 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

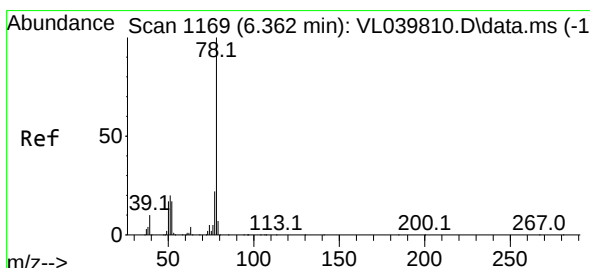
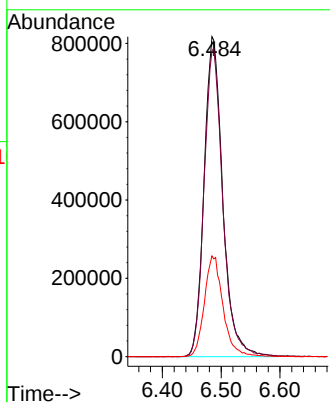
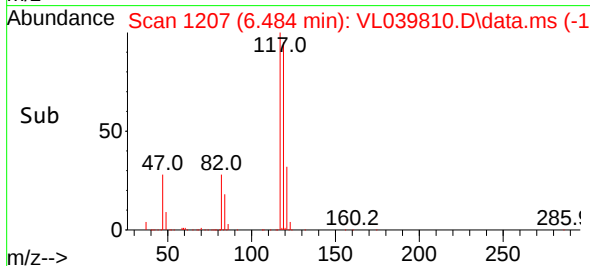
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 117 Resp: 180219
Ion Ratio Lower Upper
117 100
119 95.6 76.6 115.0
121 31.5 25.3 37.9

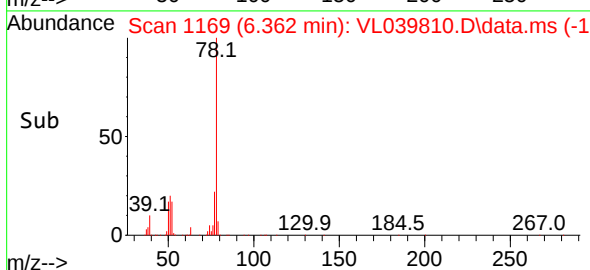
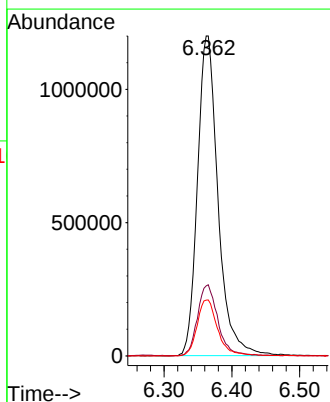
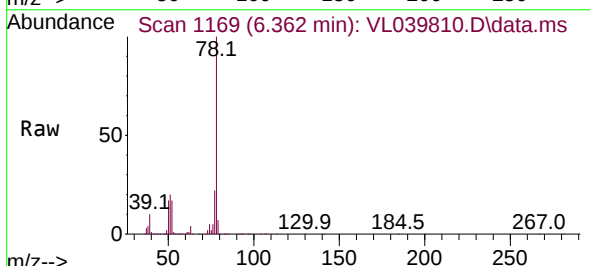
Manual Integrations
APPROVED

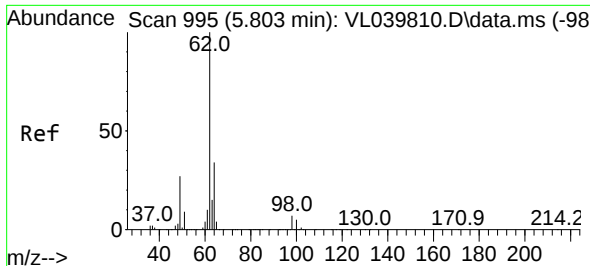
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#36
Benzene
Concen: 11.417 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.013 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

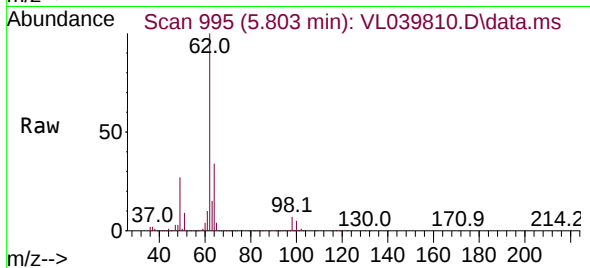
Tgt Ion: 78 Resp: 2523224
Ion Ratio Lower Upper
78 100
77 21.8 18.3 27.5
50 17.4 15.2 22.8





#37
1,2-Dichloroethane
Concen: 10.489 ppbv
RT: 5.803 min Scan# 995
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

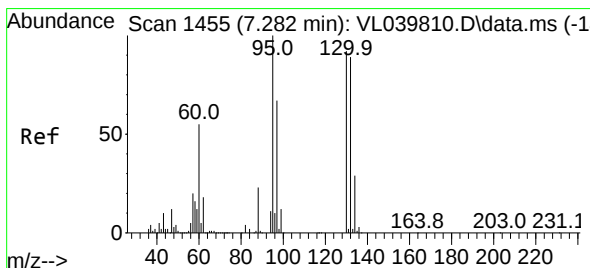
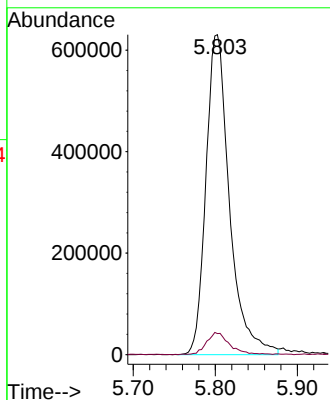
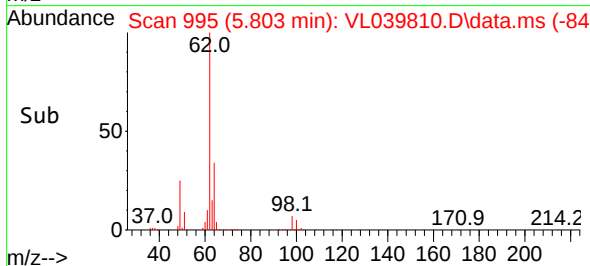
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



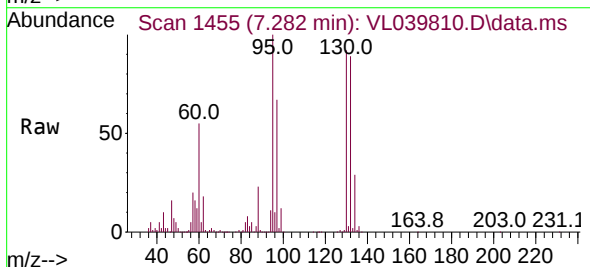
Tgt Ion: 62 Resp: 1258892
Ion Ratio Lower Upper
62 100
98 6.8 5.2 7.8

Manual Integrations
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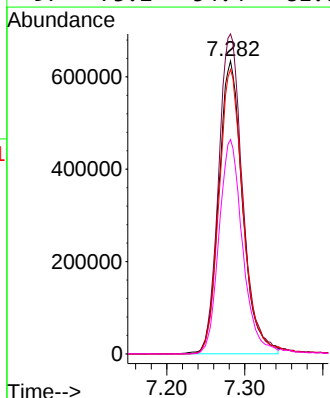
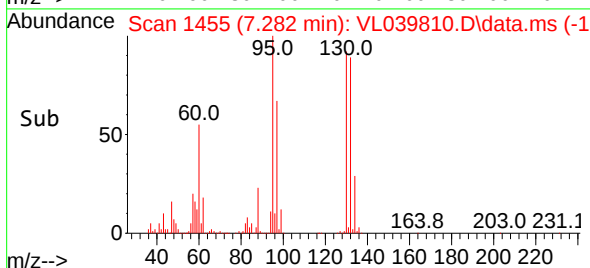
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

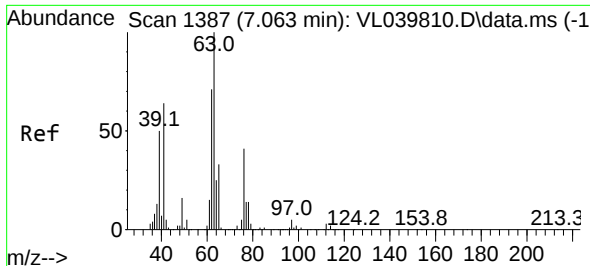


#38
Trichloroethene
Concen: 10.798 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43



Tgt Ion:130 Resp: 1347206
Ion Ratio Lower Upper
130 100
95 109.3 88.1 132.1
132 97.1 75.2 112.8
97 73.2 54.4 81.6





#39

1,2-Dichloropropane

Concen: 11.485 ppbv

RT: 7.063 min Scan# 1387

Delta R.T. -0.013 min

Lab File: VL039810.D

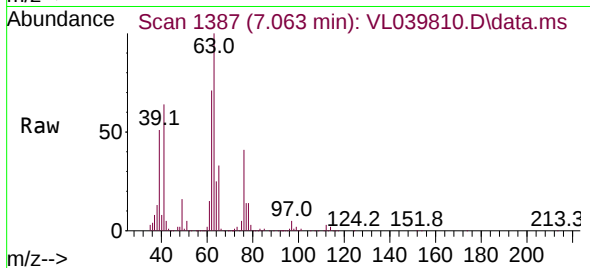
Acq: 2 Nov 2022 10:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



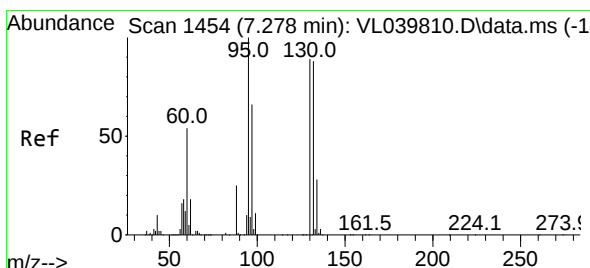
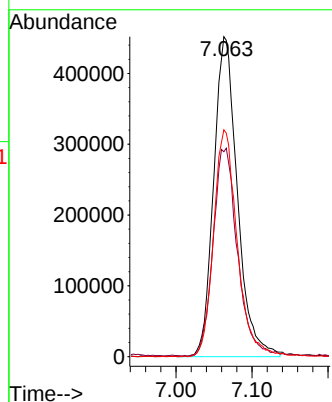
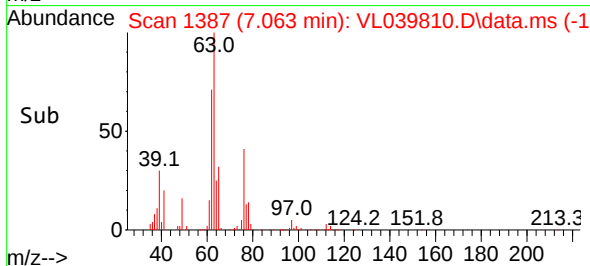
Tgt Ion: 63 Resp: 977886

Ion	Ratio	Lower	Upper
63	100		
41	63.7	54.5	81.7
62	70.8	56.6	85.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#40

1,4-Dioxane

Concen: 13.610 ppbv

RT: 7.278 min Scan# 1454

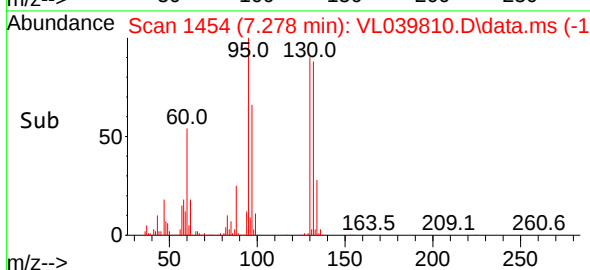
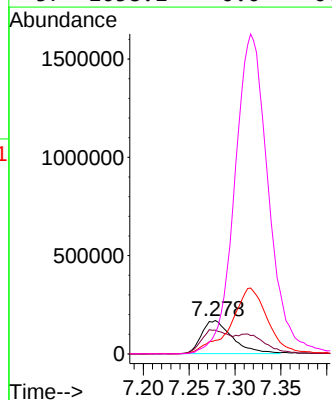
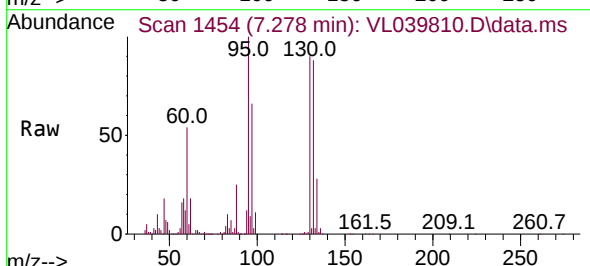
Delta R.T. -0.013 min

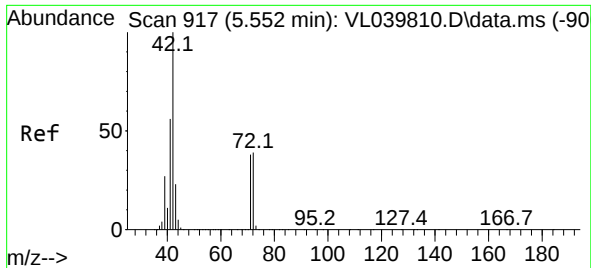
Lab File: VL039810.D

Acq: 2 Nov 2022 10:43

Tgt Ion: 88 Resp: 394982

Ion	Ratio	Lower	Upper
88	100		
58	124.4	0.0	0.0#
43	237.1	0.0	0.0#
57	1058.1	0.0	0.0#





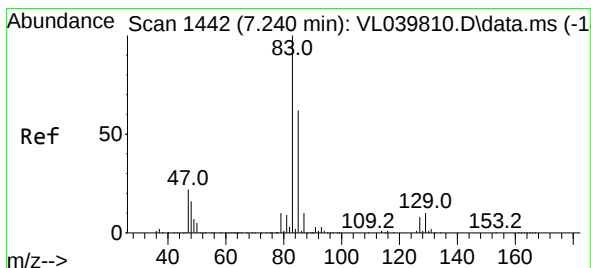
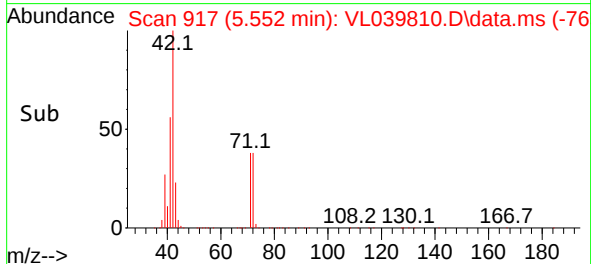
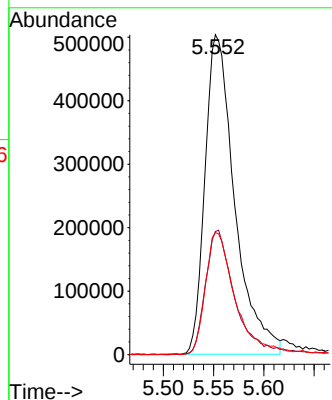
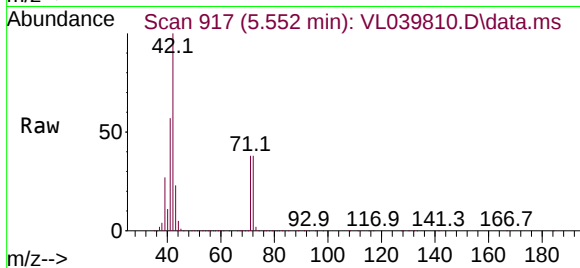
#41
Tetrahydrofuran
Concen: 12.348 ppbv
RT: 5.552 min Scan# 917
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 1035718
Ion Ratio Lower Upper
42 100
72 39.3 29.9 44.9
71 39.4 29.2 43.8

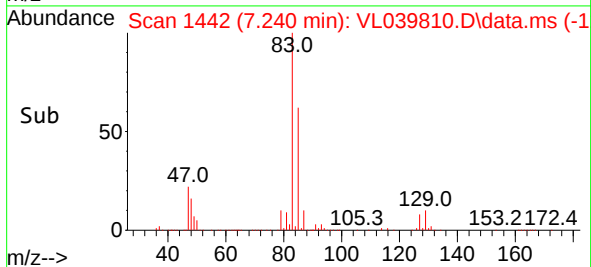
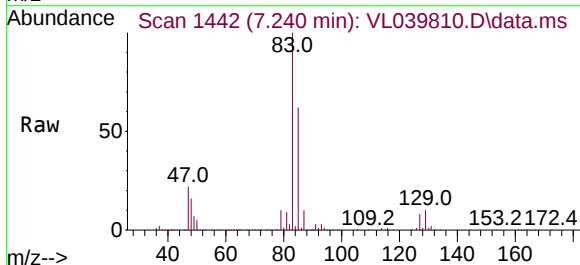
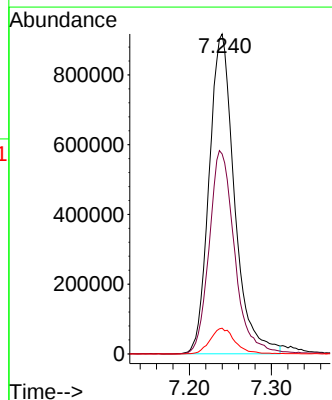
Manual Integrations
APPROVED

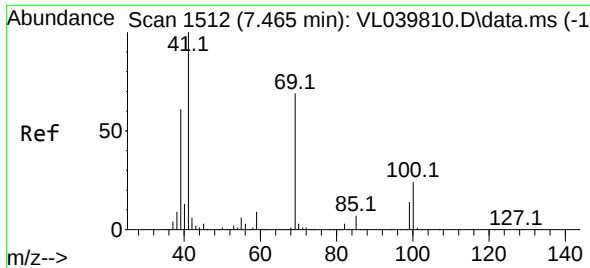
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#42
Bromodichloromethane
Concen: 11.648 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

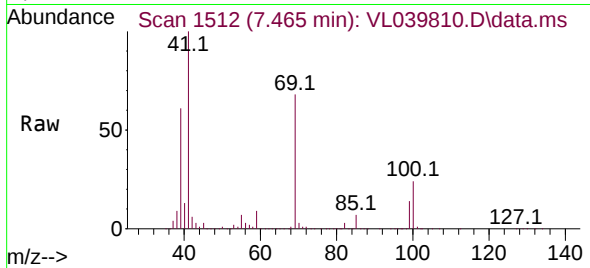
Tgt Ion: 83 Resp: 1968743
Ion Ratio Lower Upper
83 100
85 62.4 51.5 77.3
127 8.0 6.1 9.1





#43
Methyl Methacrylate
Concen: 13.347 ppbv
RT: 7.465 min Scan# 1512
Delta R.T. -0.013 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

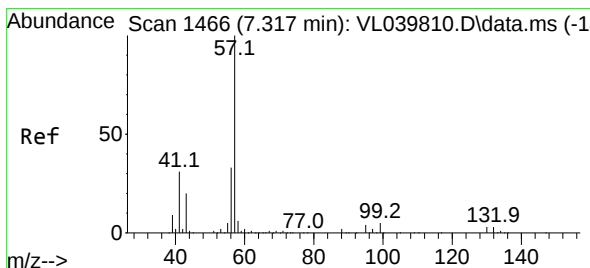
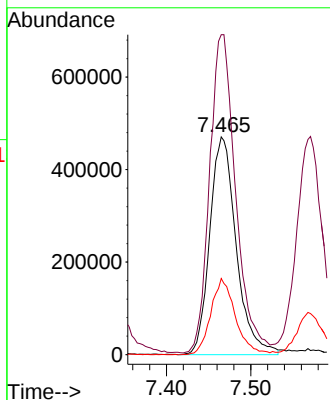
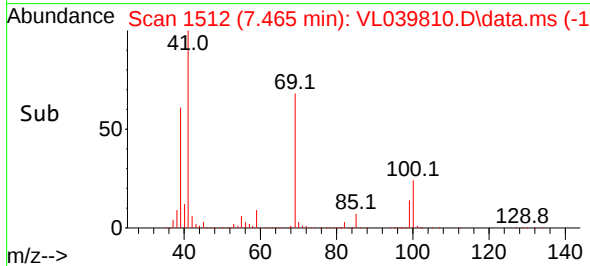
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



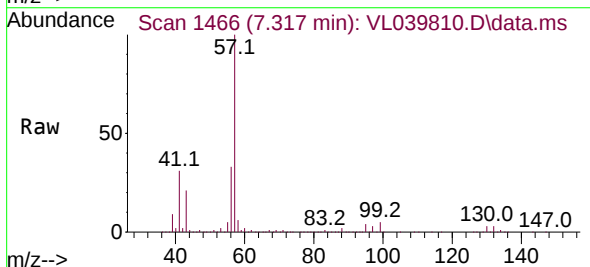
Tgt Ion: 69 Resp: 1027205
Ion Ratio Lower Upper
69 100
41 144.6 121.8 182.6
100 32.4 27.3 40.9

Manual Integrations
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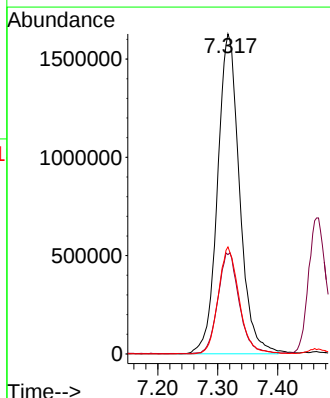
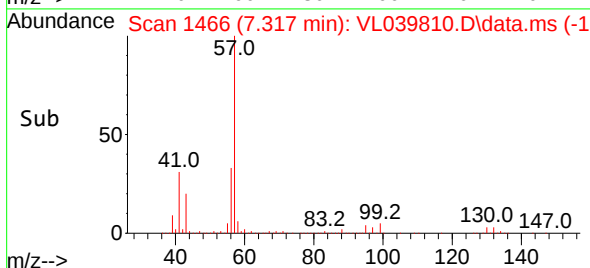
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

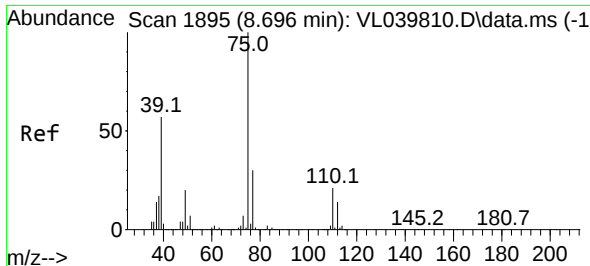


#44
2,2,4-Trimethylpentane
Concen: 11.242 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.013 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43



Tgt Ion: 57 Resp: 4153750
Ion Ratio Lower Upper
57 100
41 30.7 26.6 40.0
56 31.7 25.4 38.0





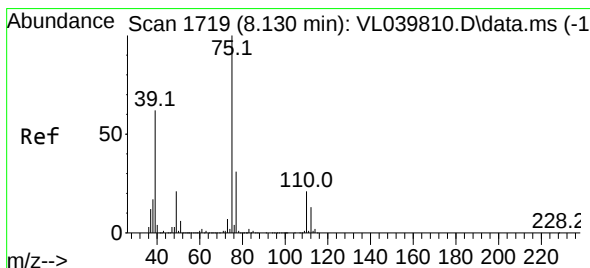
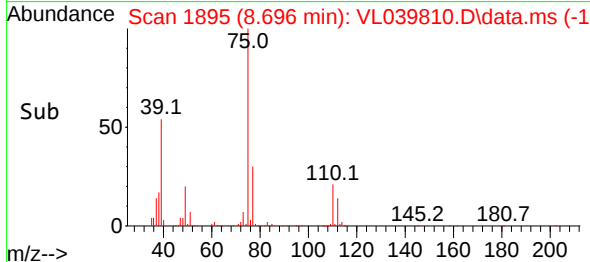
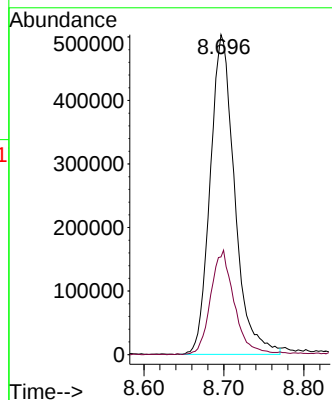
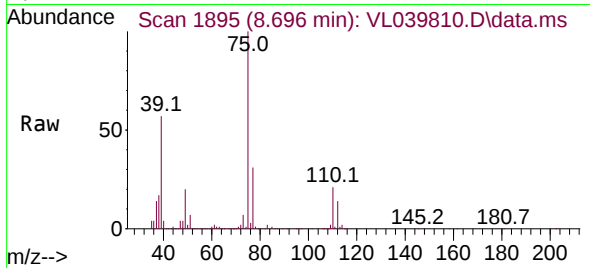
#45
 t-1,3-Dichloropropene
 Concen: 16.361 ppbv
 RT: 8.696 min Scan# 1895
 Delta R.T. -0.013 min
 Lab File: VL039810.D
 Acq: 2 Nov 2022 10:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 75 Resp: 1069728
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.1 37.7

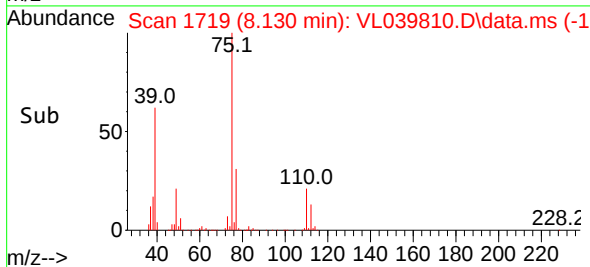
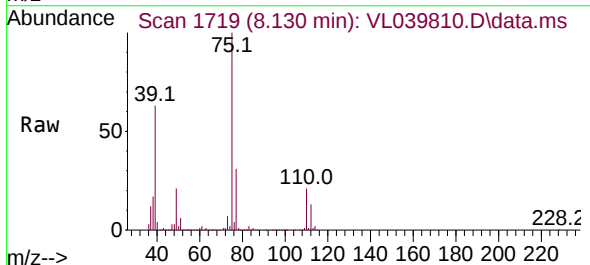
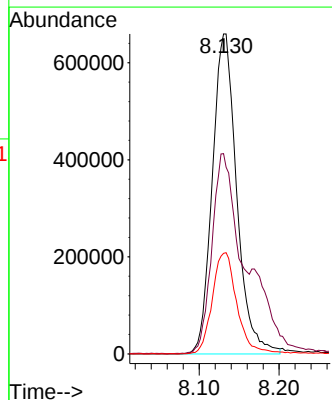
Manual Integrations
 APPROVED

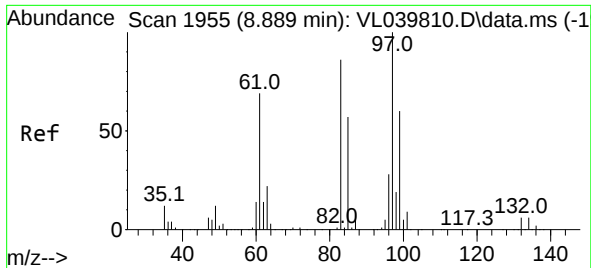
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#46
 cis-1,3-Dichloropropene
 Concen: 14.915 ppbv
 RT: 8.130 min Scan# 1719
 Delta R.T. -0.010 min
 Lab File: VL039810.D
 Acq: 2 Nov 2022 10:43

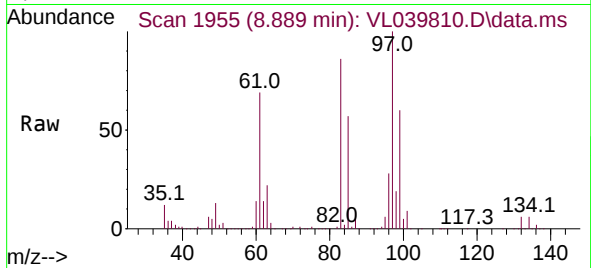
Tgt Ion: 75 Resp: 1399428
 Ion Ratio Lower Upper
 75 100
 39 62.5 53.9 80.9
 77 31.4 24.3 36.5





#47
1,1,2-Trichloroethane
Concen: 10.854 ppbv
RT: 8.889 min Scan# 1955
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

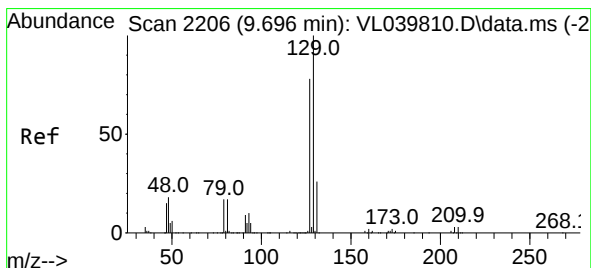
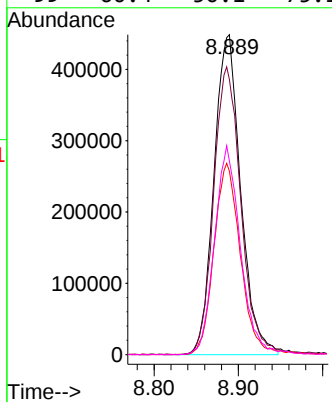
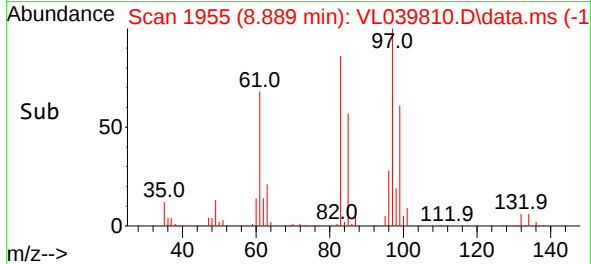
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



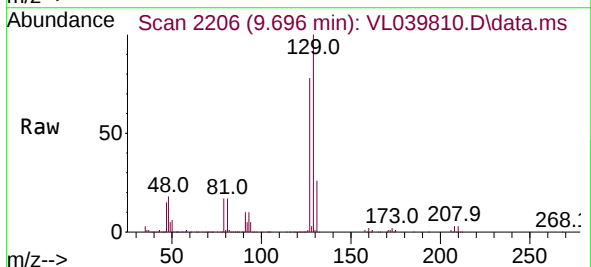
Tgt Ion: 97 Resp: 98945
Ion Ratio Lower Upper
97 100
83 86.0 71.6 107.4
85 57.2 46.2 69.4
99 60.4 50.1 75.1

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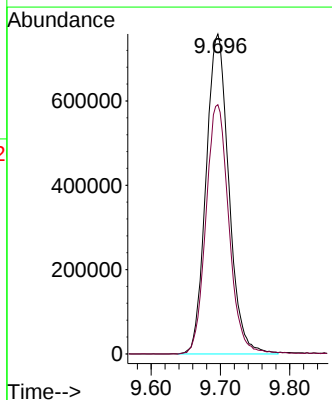
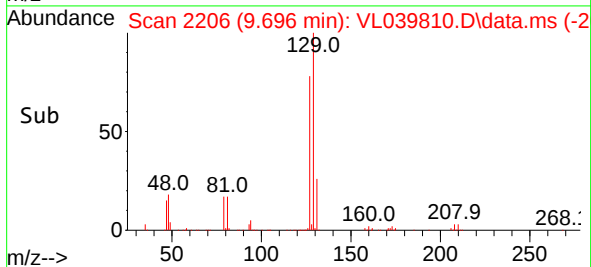
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

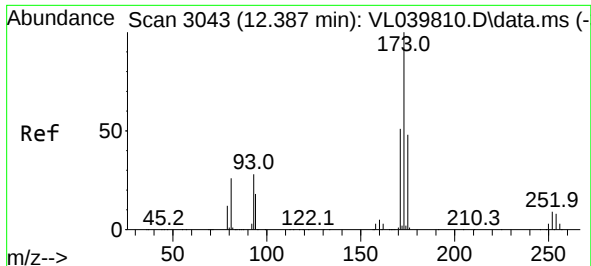


#48
Dibromochloromethane
Concen: 11.808 ppbv
RT: 9.696 min Scan# 2206
Delta R.T. -0.013 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43



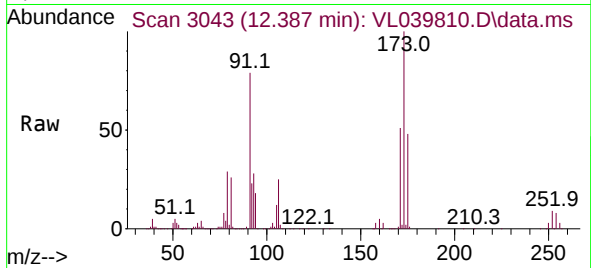
Tgt Ion:129 Resp: 1732934
Ion Ratio Lower Upper
129 100
127 78.7 39.5 118.5





#49
Bromoform
Concen: 11.995 ppbv
RT: 12.387 min Scan# 3043
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

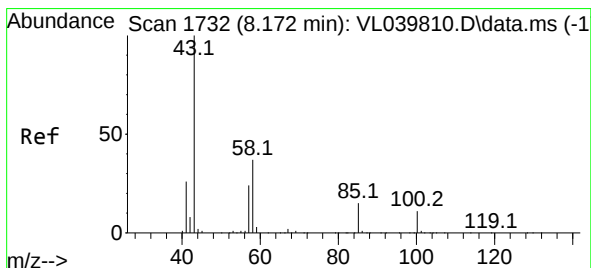
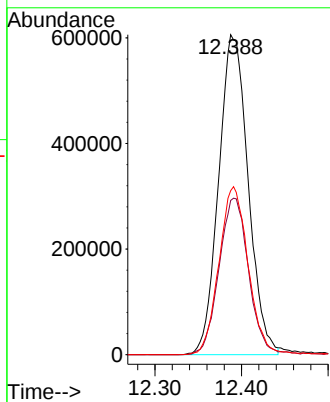
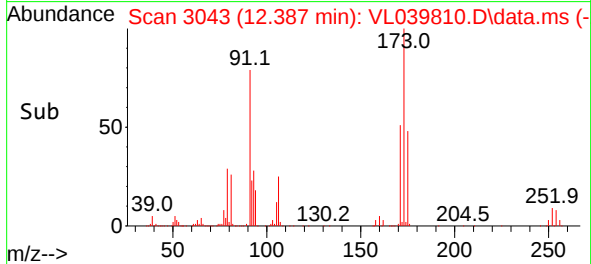
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:173 Resp: 1433742
Ion Ratio Lower Upper
173 100
175 49.6 41.2 61.8
171 52.1 43.2 64.8

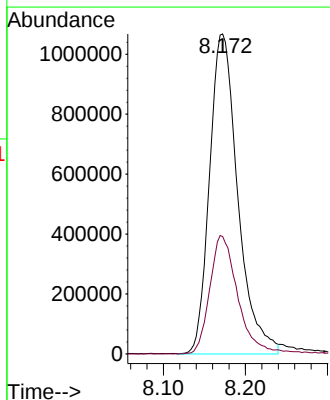
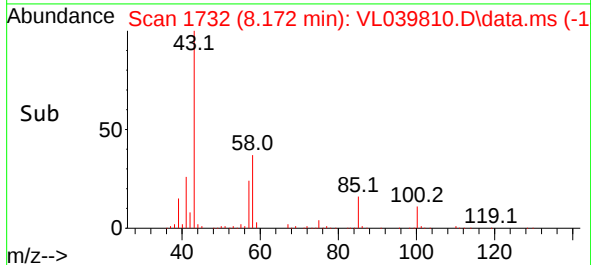
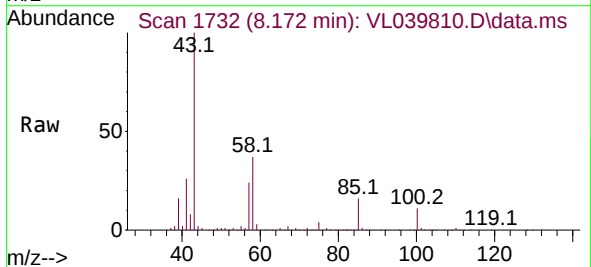
Manual Integrations
APPROVED

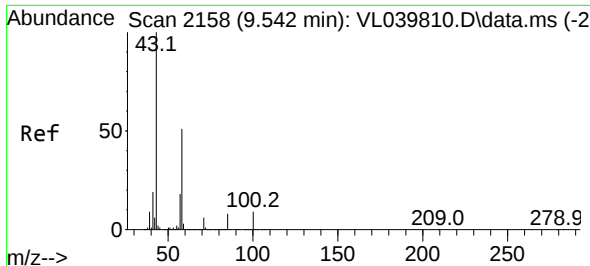
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#50
4-Methyl-2-Pentanone
Concen: 12.073 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

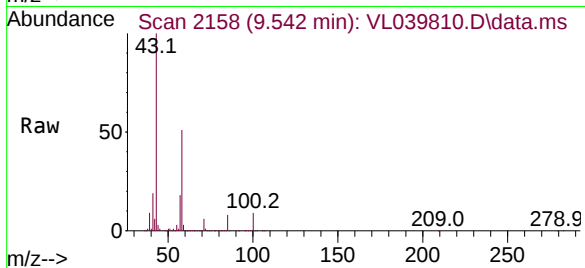
Tgt Ion: 43 Resp: 2557302
Ion Ratio Lower Upper
43 100
58 37.2 28.2 42.4





#51
2-Hexanone
Concen: 13.214 ppbv
RT: 9.542 min Scan# 2158
Delta R.T. -0.007 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

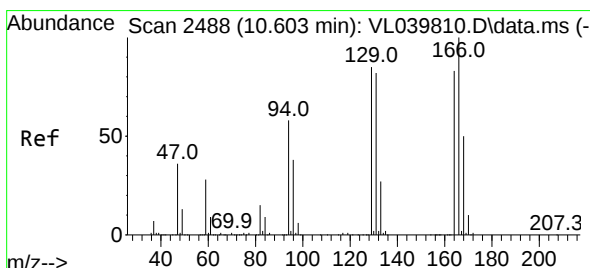
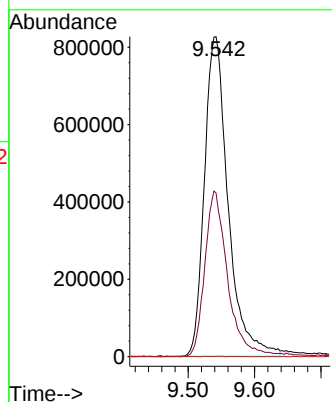
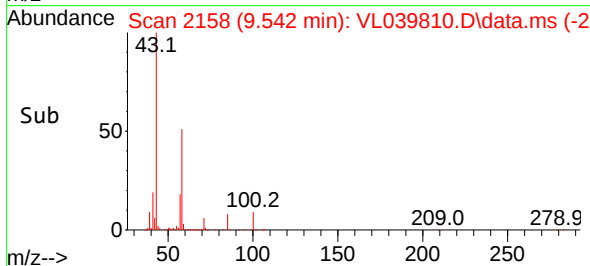
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



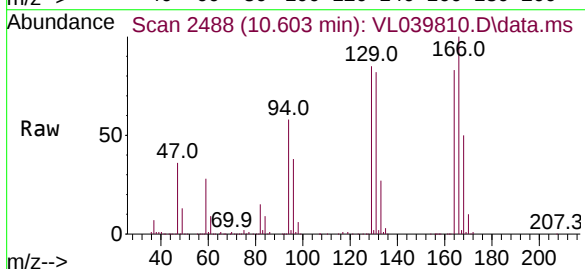
Tgt Ion: 43 Resp: 2049052
Ion Ratio Lower Upper
43 100
58 50.6 38.1 57.1
98 0.1 0.2 0.2

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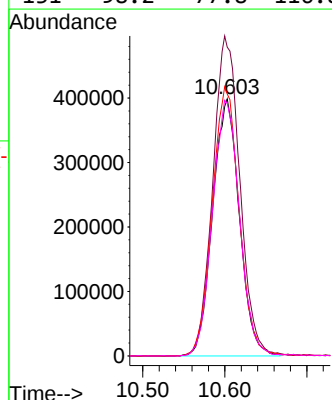
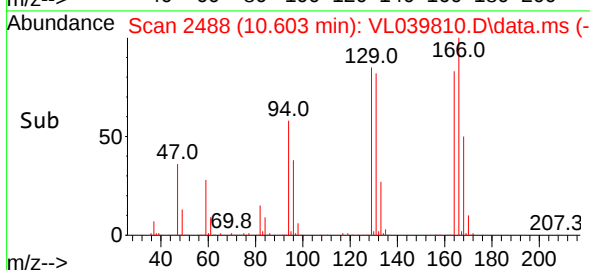
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

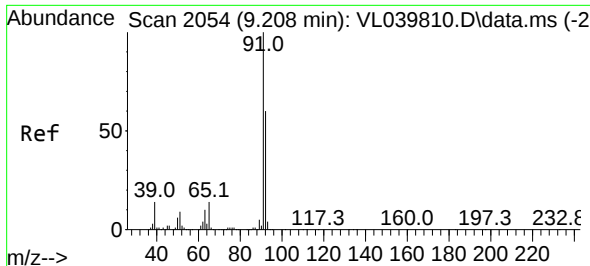


#52
Tetrachloroethene
Concen: 10.907 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43



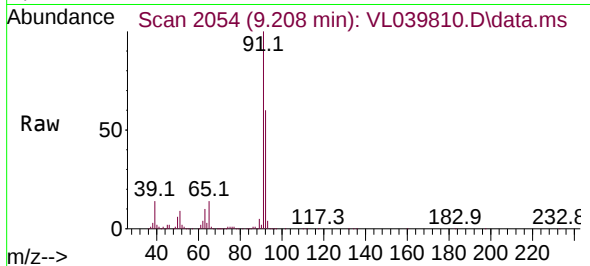
Tgt Ion:164 Resp: 902917
Ion Ratio Lower Upper
164 100
166 120.0 101.8 152.6
129 101.8 77.5 116.3
131 98.2 77.8 116.8





#53
Toluene
Concen: 12.434 ppbv
RT: 9.208 min Scan# 2054
Delta R.T. -0.009 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

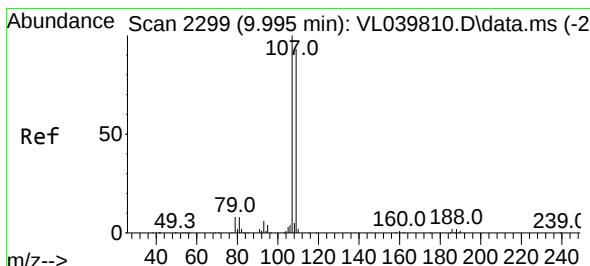
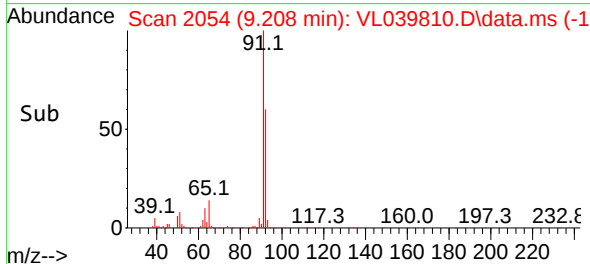
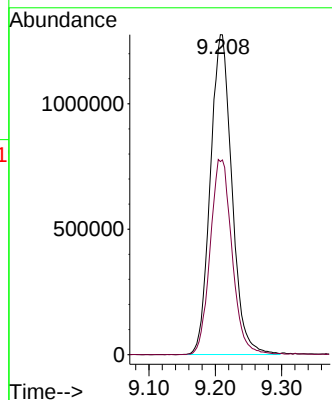
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 91 Resp: 287900
Ion Ratio Lower Upper
91 100
92 62.0 48.0 72.0

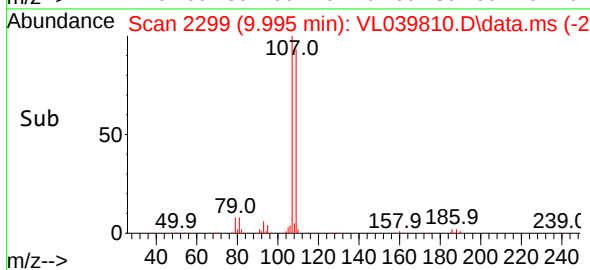
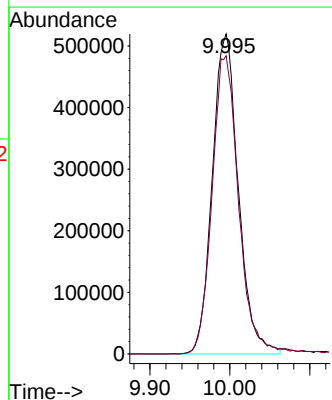
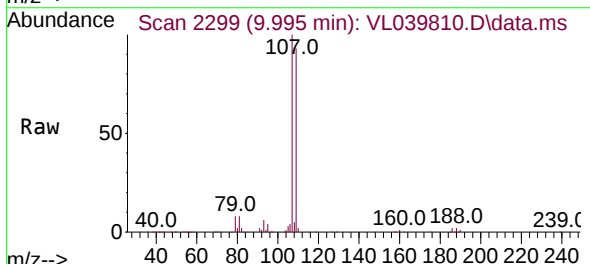
Manual Integrations
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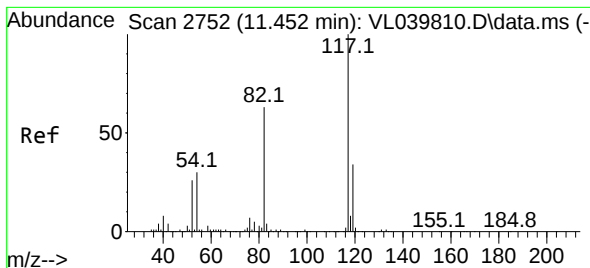
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#54
1,2-Dibromoethane
Concen: 12.706 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

Tgt Ion:107 Resp: 1175825
Ion Ratio Lower Upper
107 100
109 93.1 75.8 113.8





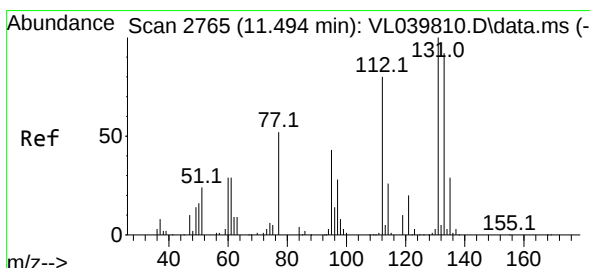
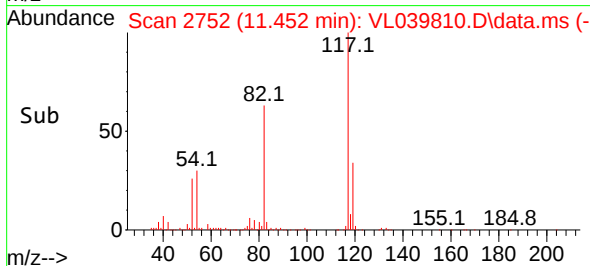
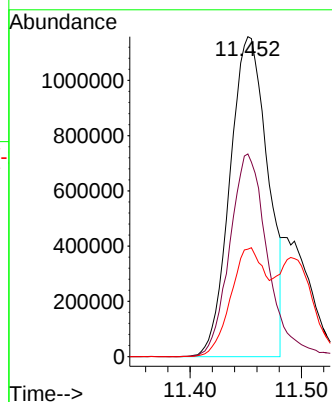
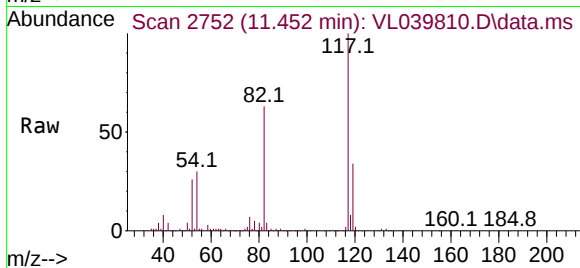
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 2732583
Ion Ratio Lower Upper
117 100
82 63.8 49.9 74.9
119 30.9 25.2 37.8

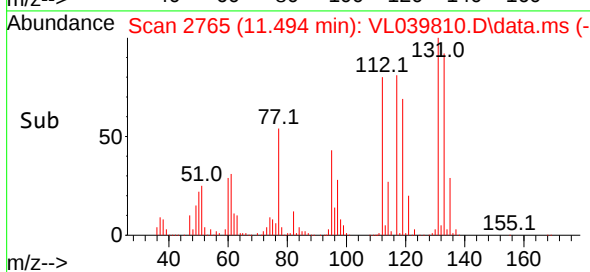
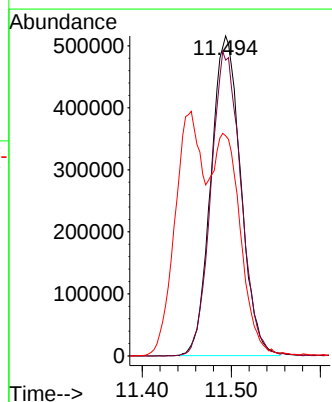
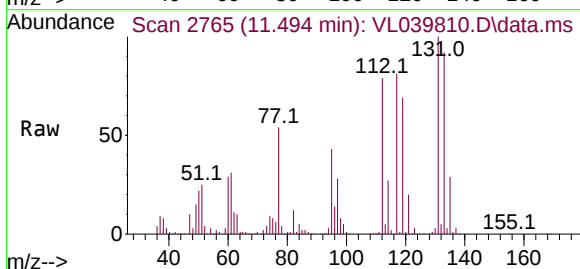
Manual Integrations
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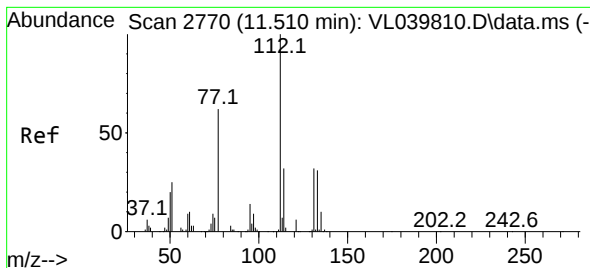
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 10.351 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.007 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

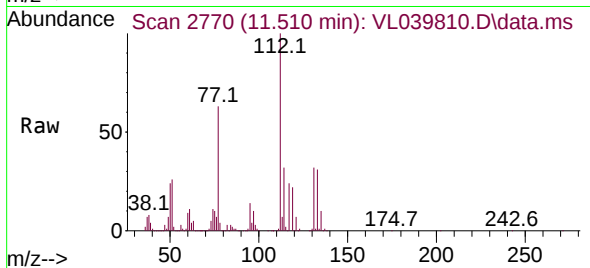
Tgt Ion:131 Resp: 1196906
Ion Ratio Lower Upper
131 100
133 96.1 77.1 115.7
119 65.2 52.0 78.0





#57
Chlorobenzene
Concen: 10.140 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. -0.013 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

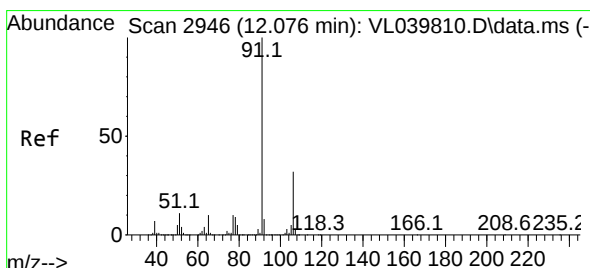
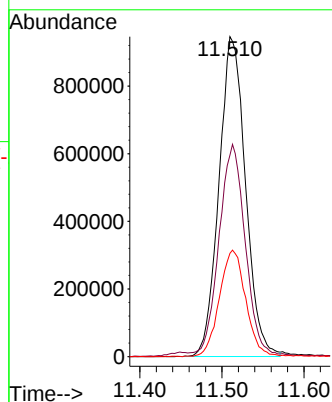
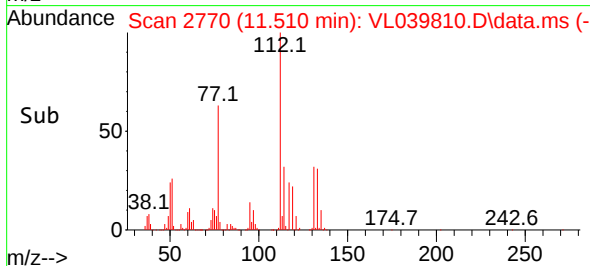
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 112 Resp: 212543
Ion Ratio Lower Upper
112 100
77 62.2 51.5 77.3
114 32.2 27.1 33.1

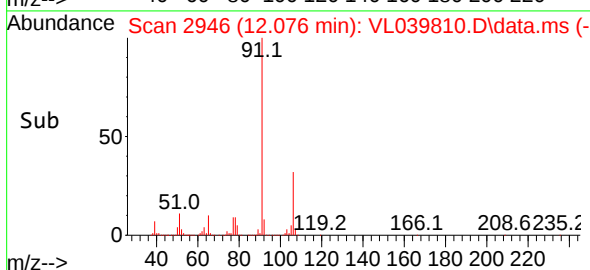
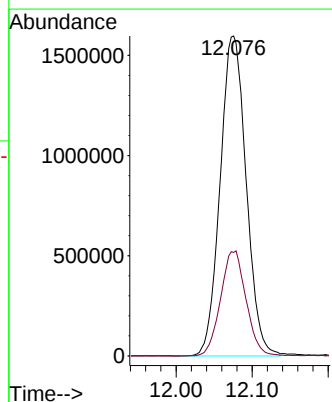
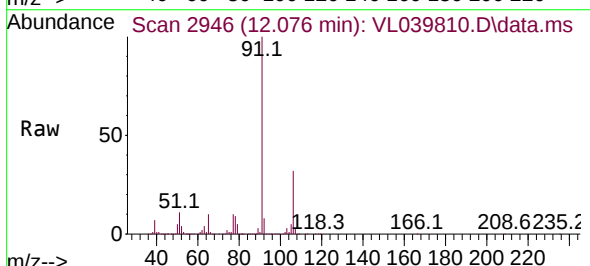
Manual Integrations
APPROVED

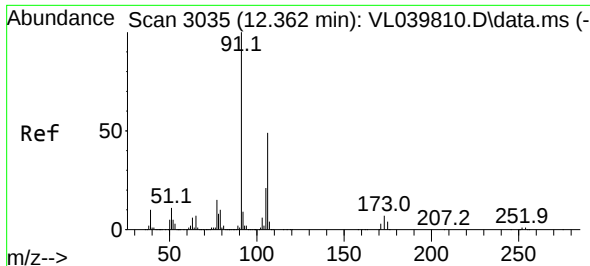
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#58
Ethyl Benzene
Concen: 12.182 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

Tgt Ion: 91 Resp: 3792381
Ion Ratio Lower Upper
91 100
106 32.4 24.6 36.8





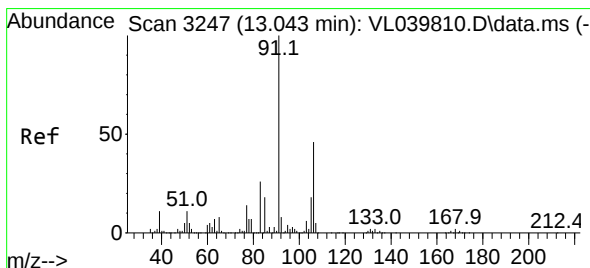
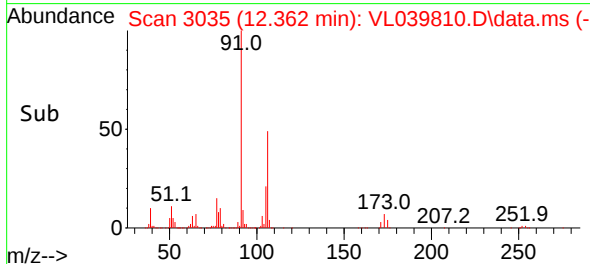
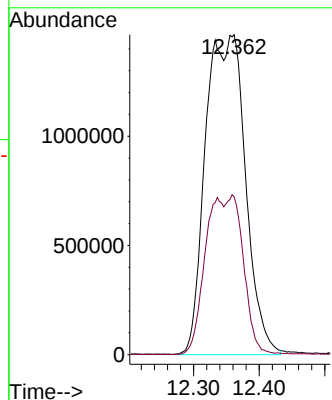
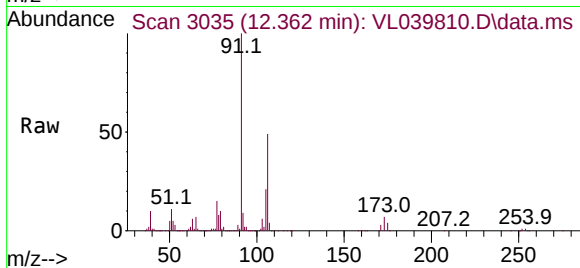
#59
m/p-Xylene
Concen: 22.061 ppbv m
RT: 12.362 min Scan# 3035
Delta R.T. -0.007 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 6198486
Ion Ratio Lower Upper
91 100
106 47.0 36.4 54.6

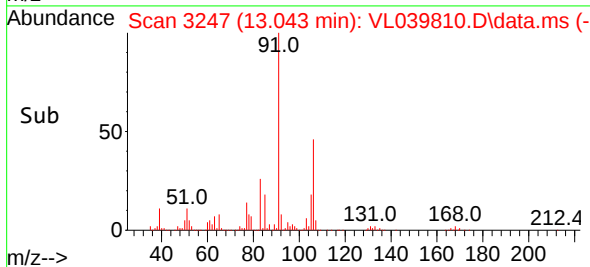
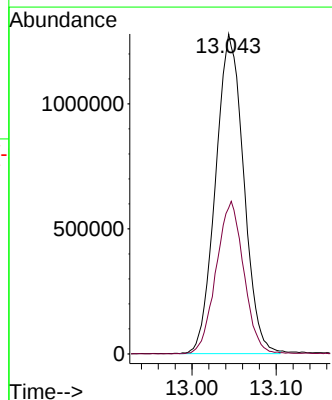
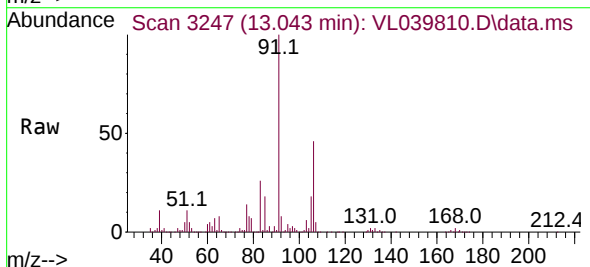
Manual Integrations
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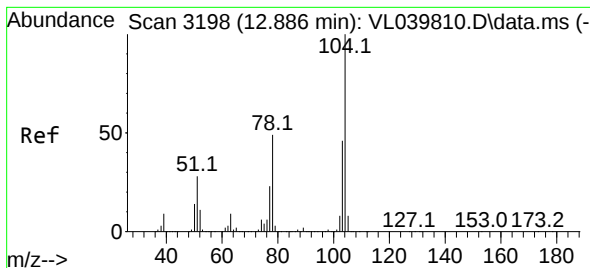
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#60
o-Xylene
Concen: 11.254 ppbv
RT: 13.043 min Scan# 3247
Delta R.T. -0.013 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

Tgt Ion: 91 Resp: 2964885
Ion Ratio Lower Upper
91 100
106 47.2 22.9 68.8





#61

Styrene

Concen: 13.884 ppbv

RT: 12.886 min Scan# 3198

Delta R.T. -0.007 min

Lab File: VL039810.D

Acq: 2 Nov 2022 10:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:104 Resp: 1921064

Ion Ratio Lower Upper

104 100

78 50.2 39.9 59.9

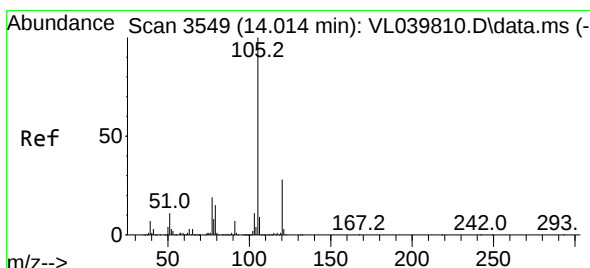
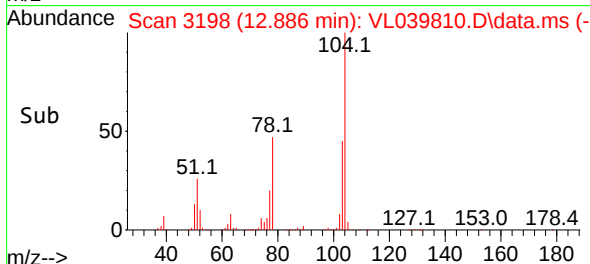
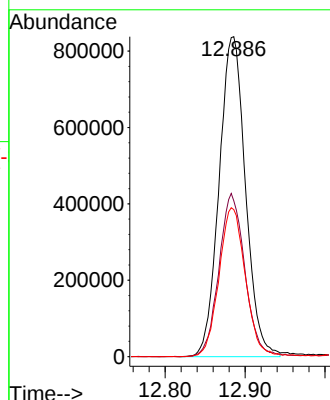
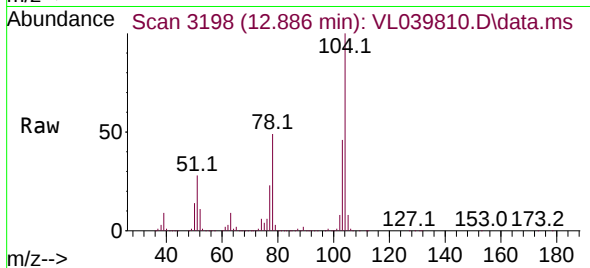
103 46.9 38.8 58.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#62

Isopropylbenzene

Concen: 10.639 ppbv

RT: 14.014 min Scan# 3549

Delta R.T. -0.010 min

Lab File: VL039810.D

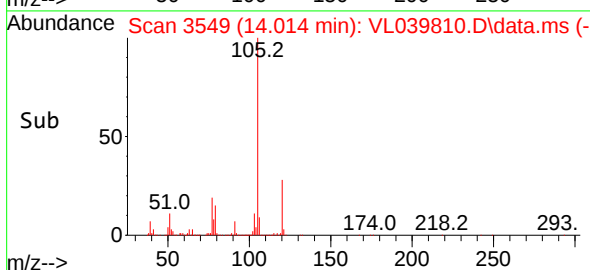
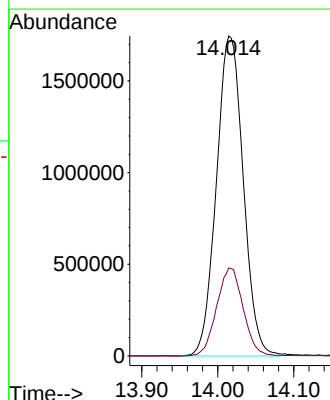
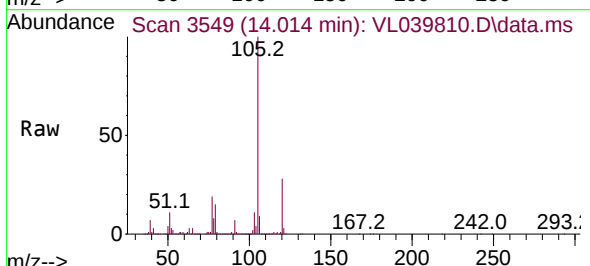
Acq: 2 Nov 2022 10:43

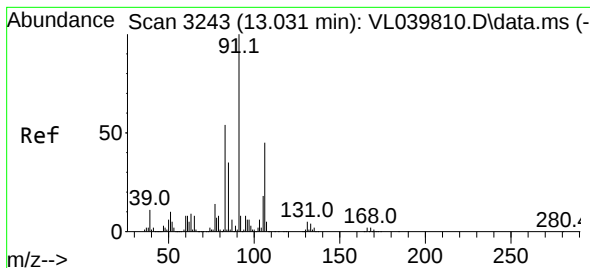
Tgt Ion:105 Resp: 4282224

Ion Ratio Lower Upper

105 100

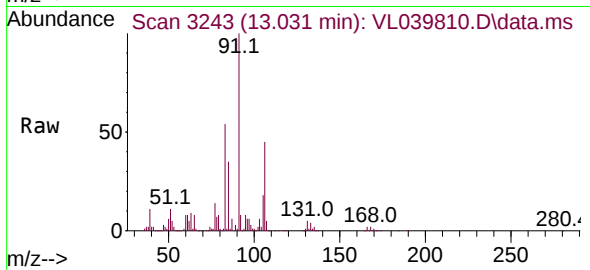
120 27.1 20.4 30.6





#63
1,1,2,2-Tetrachloroethane
Concen: 9.591 ppbv
RT: 13.031 min Scan# 3243
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

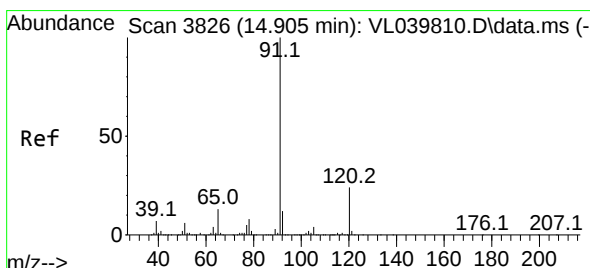
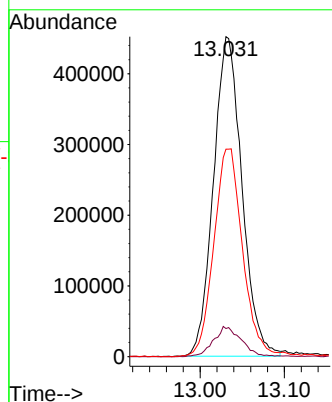
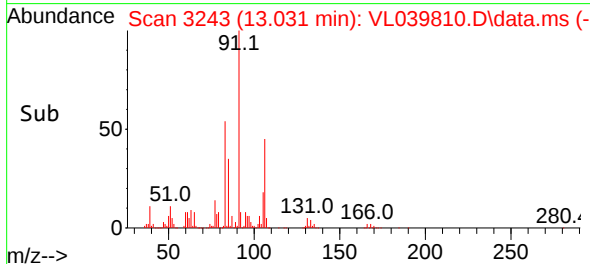
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 83 Resp: 1062730
Ion Ratio Lower Upper
83 100
131 9.2 5.0 14.9
85 66.6 33.6 100.6

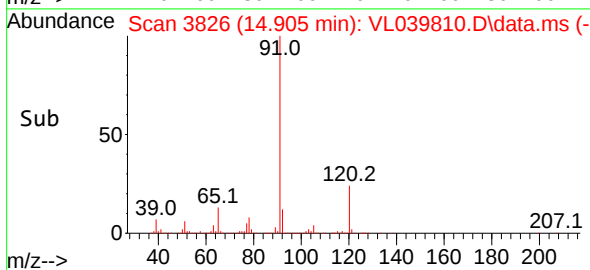
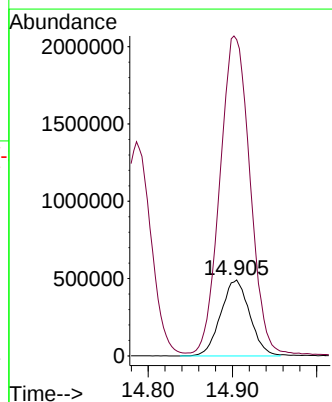
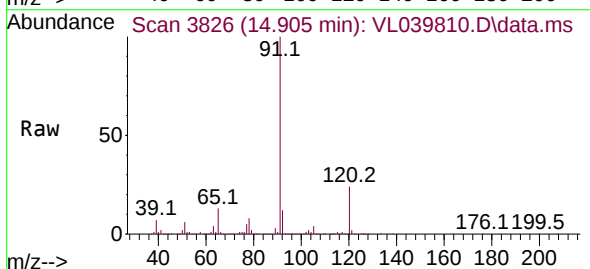
Manual Integrations
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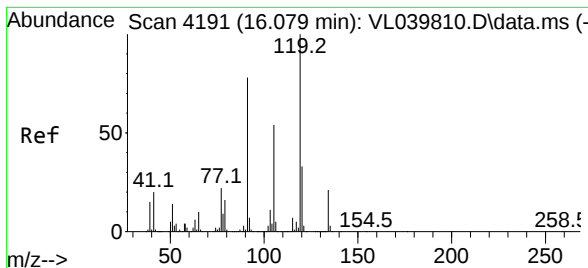
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#64
n-propylbenzene
Concen: 11.485 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. -0.007 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

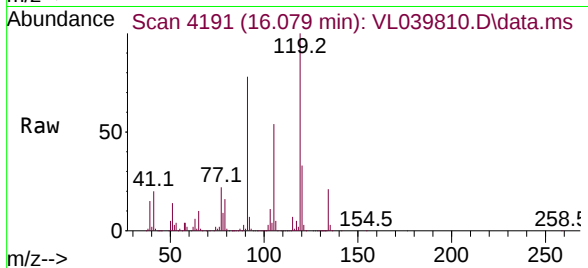
Tgt Ion:120 Resp: 1170606
Ion Ratio Lower Upper
120 100
91 443.6 386.6 579.8





#65
tert-Butylbenzene
Concen: 10.506 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. -0.003 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

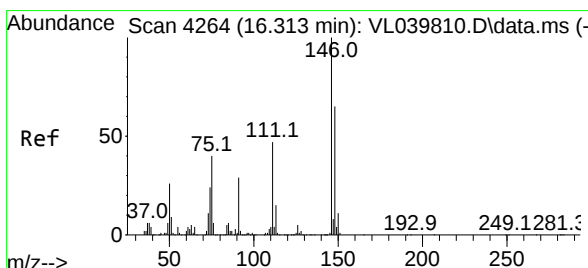
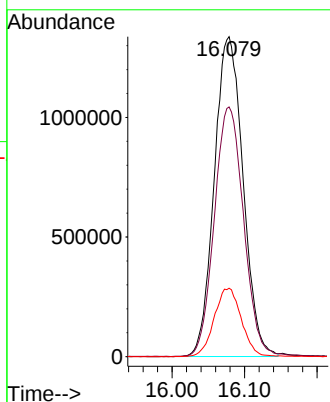
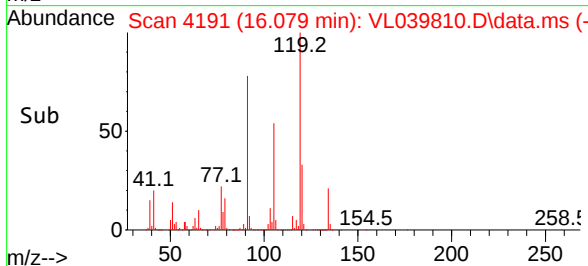
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



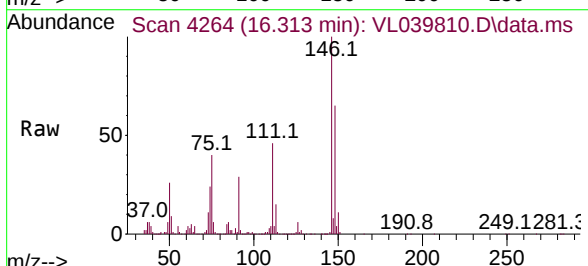
Tgt Ion:119 Resp: 3684911
Ion Ratio Lower Upper
119 100
91 79.6 63.3 94.9
134 20.3 15.5 23.3

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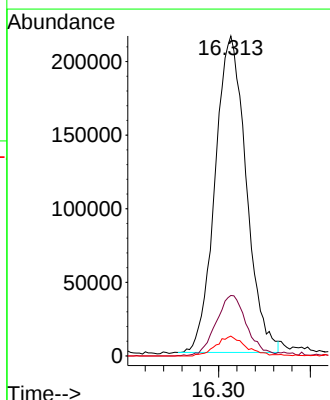
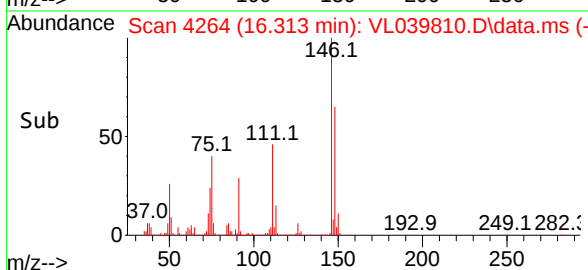
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

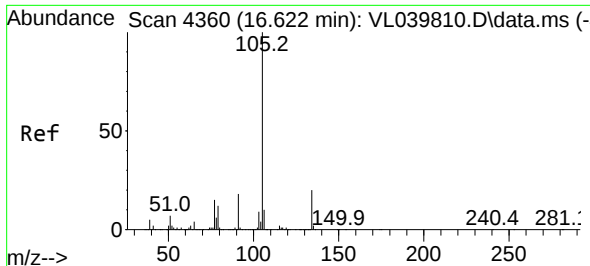


#66
Benzyl Chloride
Concen: 20.394 ppbv
RT: 16.313 min Scan# 4264
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43



Tgt Ion: 91 Resp: 507393
Ion Ratio Lower Upper
91 100
126 19.5 13.8 20.6
128 6.1 5.1 7.7





#67

sec-Butylbenzene

Concen: 10.370 ppbv

RT: 16.622 min Scan# 4360

Delta R.T. -0.007 min

Lab File: VL039810.D

Acq: 2 Nov 2022 10:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 5123189

Ion Ratio Lower Upper

105 100

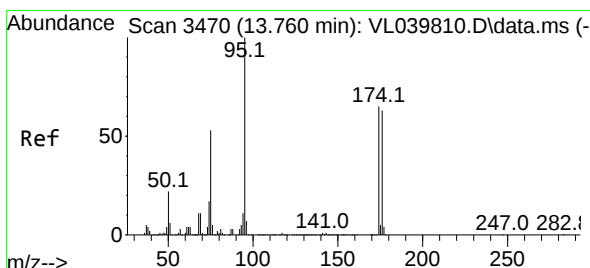
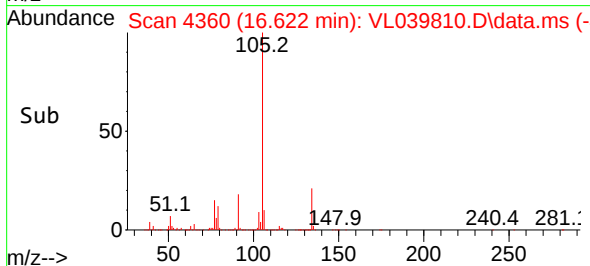
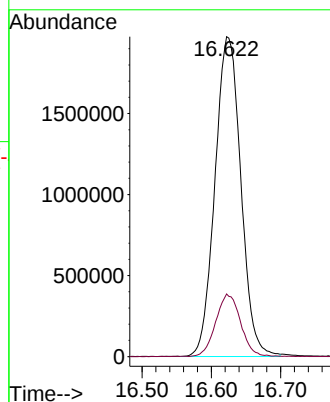
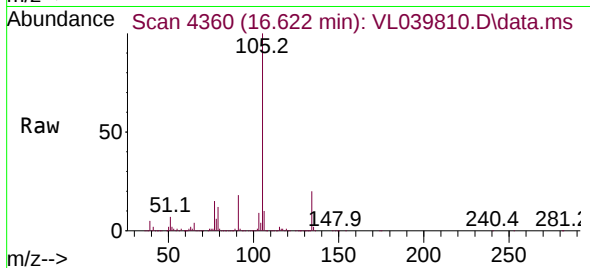
134 18.9 14.3 21.5

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Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.513 ppbv

RT: 13.760 min Scan# 3470

Delta R.T. -0.010 min

Lab File: VL039810.D

Acq: 2 Nov 2022 10:43

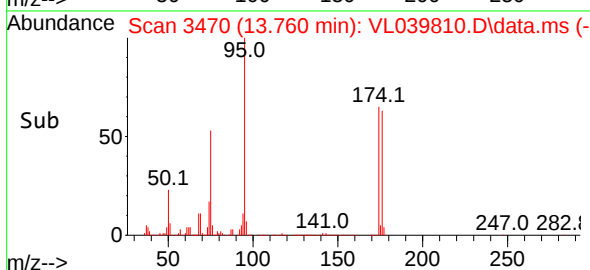
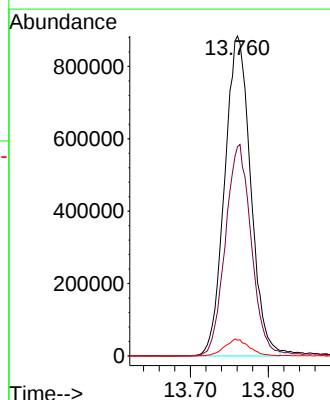
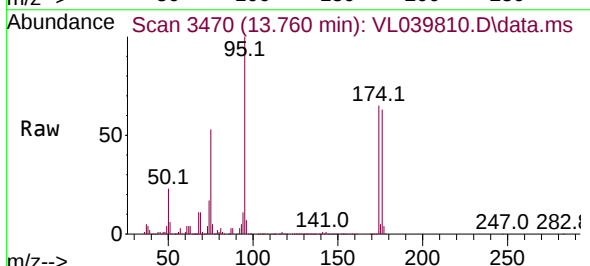
Tgt Ion: 95 Resp: 2043687

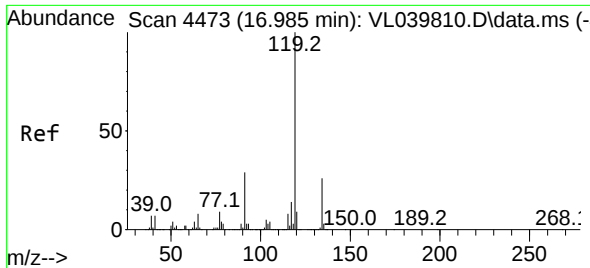
Ion Ratio Lower Upper

95 100

174 66.7 57.3 85.9

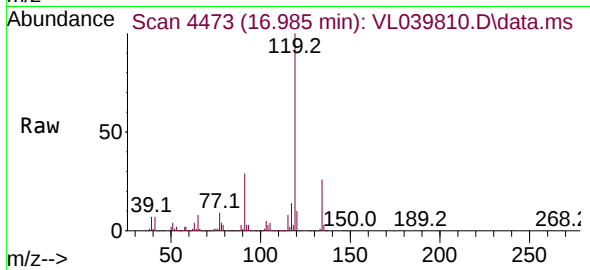
175 5.1 4.2 6.2





#69
p-Isopropyltoluene
Concen: 10.665 ppbv
RT: 16.985 min Scan# 4473
Delta R.T. -0.007 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

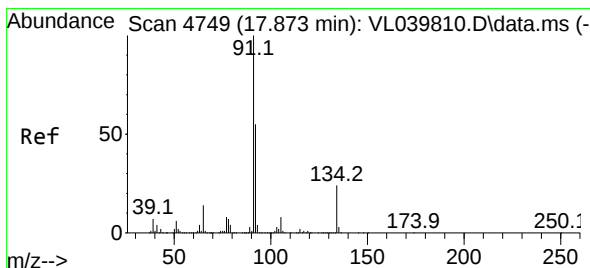
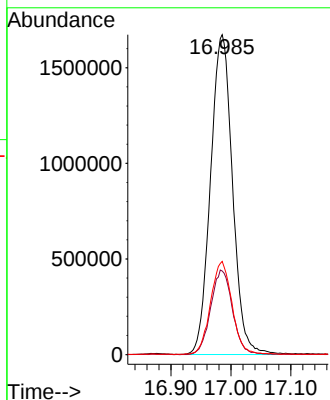
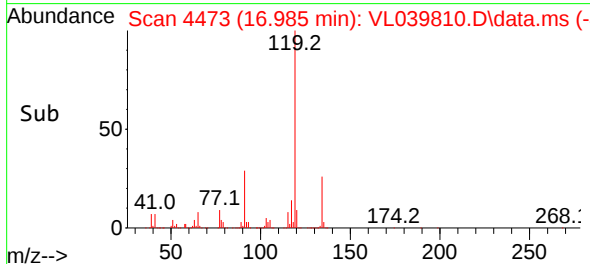
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



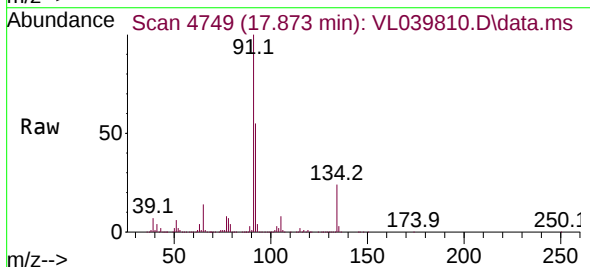
Tgt Ion:119 Resp: 4262162
Ion Ratio Lower Upper
119 100
134 26.3 19.8 29.6
91 28.5 22.2 33.2

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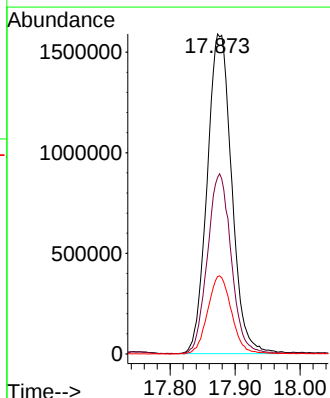
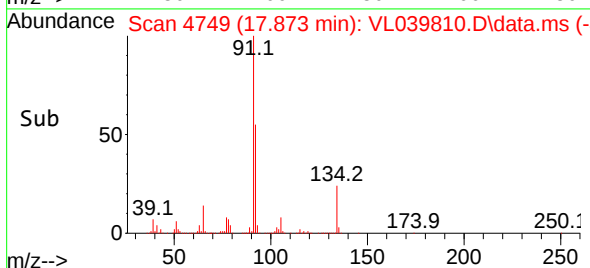
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

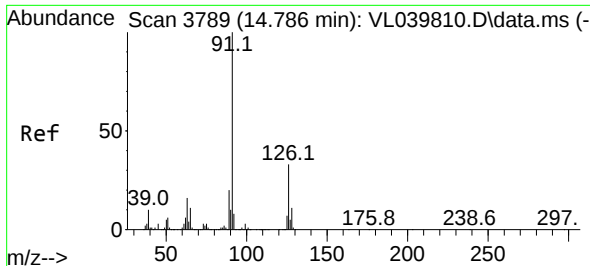


#70
n-Butylbenzene
Concen: 10.923 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. -0.007 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43



Tgt Ion: 91 Resp: 4173997
Ion Ratio Lower Upper
91 100
92 55.1 43.0 64.6
134 23.8 18.5 27.7





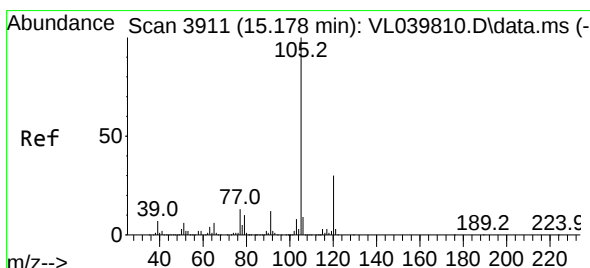
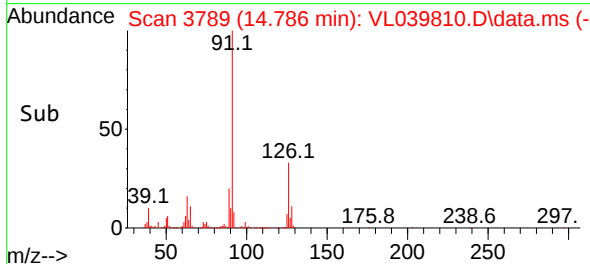
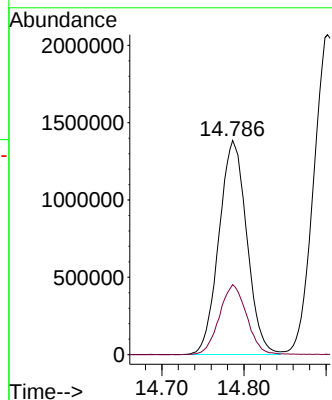
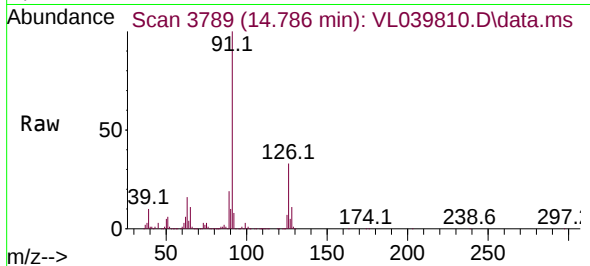
#71
2-Chlorotoluene
Concen: 11.683 ppbv
RT: 14.786 min Scan# 3789
Delta R.T. -0.007 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 326612
Ion Ratio Lower Upper
91 100
126 32.2 13.0 52.0

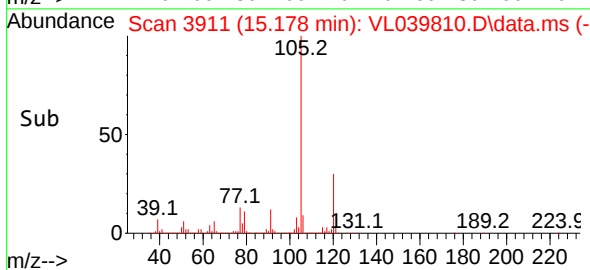
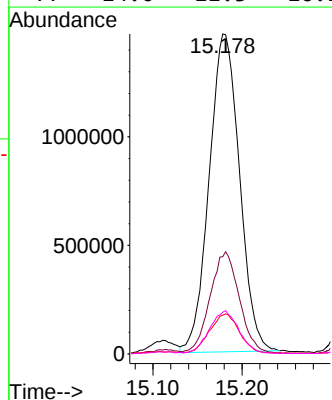
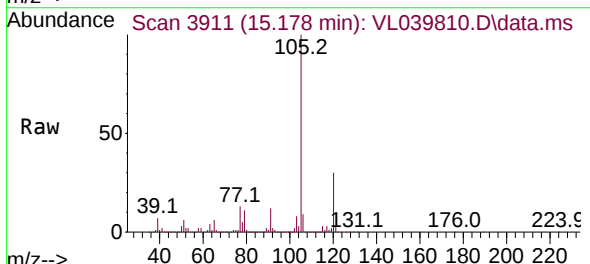
Manual Integrations
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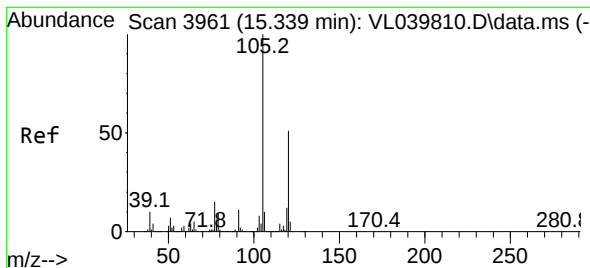
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#72
4-Ethyltoluene
Concen: 11.429 ppbv
RT: 15.178 min Scan# 3911
Delta R.T. -0.010 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

Tgt Ion:105 Resp: 3468648
Ion Ratio Lower Upper
105 100
120 32.5 25.0 37.6
91 13.1 10.2 15.2
77 14.0 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 11.292 ppbv

RT: 15.339 min Scan# 3961

Delta R.T. -0.007 min

Lab File: VL039810.D

Acq: 2 Nov 2022 10:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 3066978

Ion Ratio Lower Upper

105 100

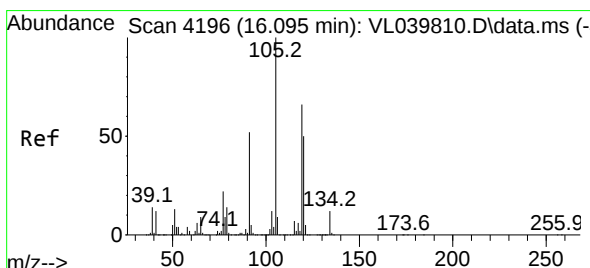
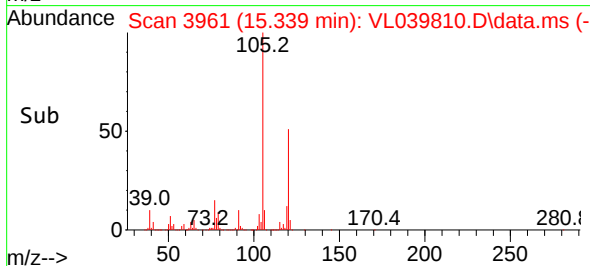
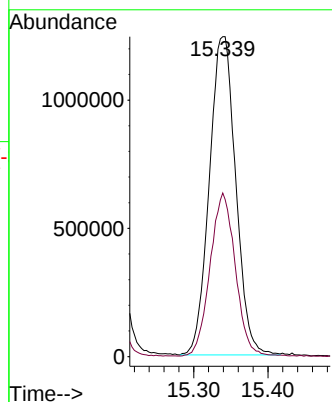
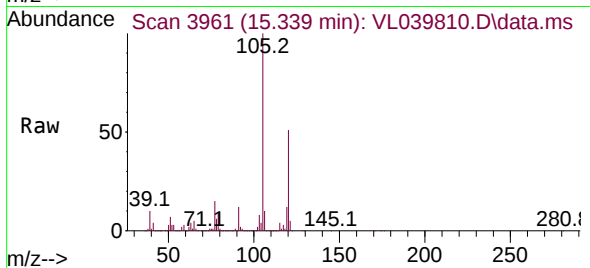
120 51.2 39.0 58.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.266 ppbv

RT: 16.095 min Scan# 4196

Delta R.T. -0.007 min

Lab File: VL039810.D

Acq: 2 Nov 2022 10:43

Tgt Ion:105 Resp: 3157773

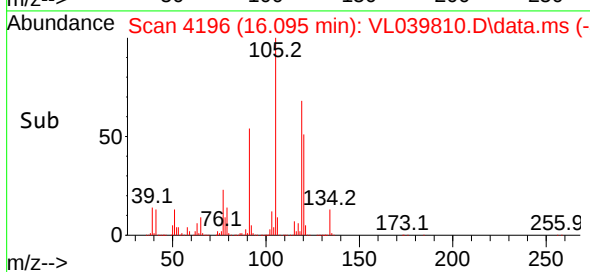
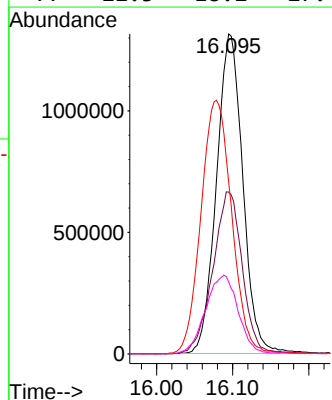
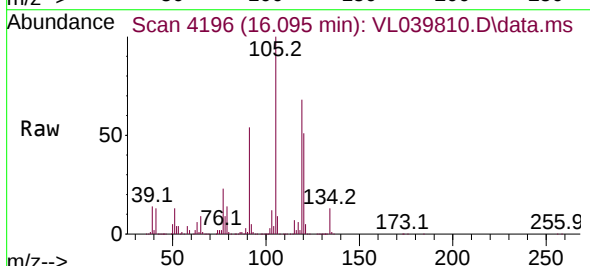
Ion Ratio Lower Upper

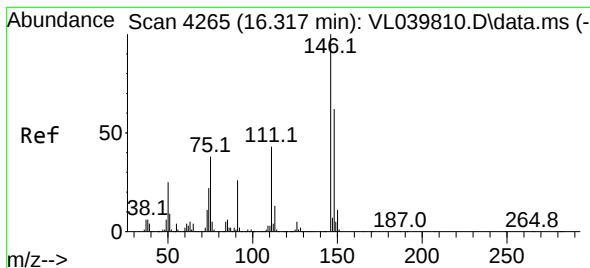
105 100

120 50.3 39.6 59.4

91 53.3 42.9 64.3

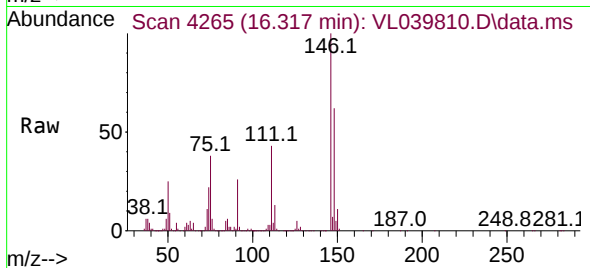
77 22.3 18.2 27.4





#75
1,3-Dichlorobenzene
Concen: 10.138 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. -0.007 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

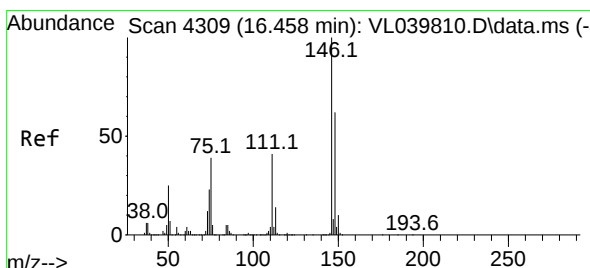
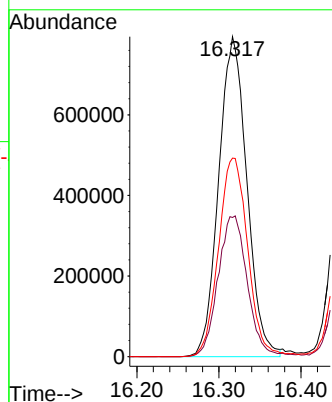
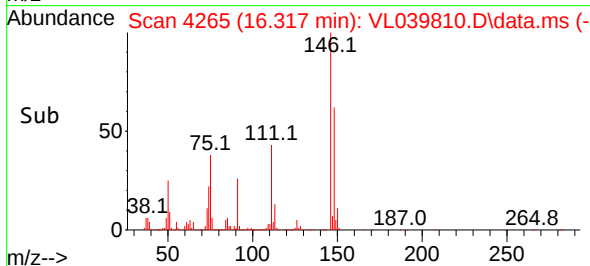
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



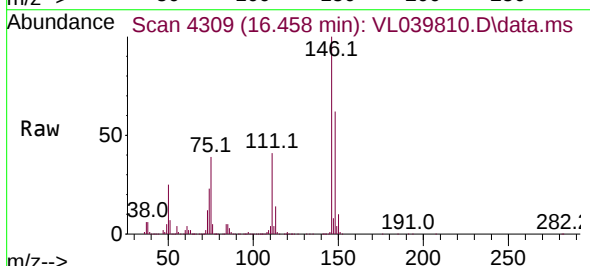
Tgt Ion:146 Resp: 1892540
Ion Ratio Lower Upper
146 100
111 45.9 22.4 67.3
148 64.6 32.4 97.0

Manual Integrations
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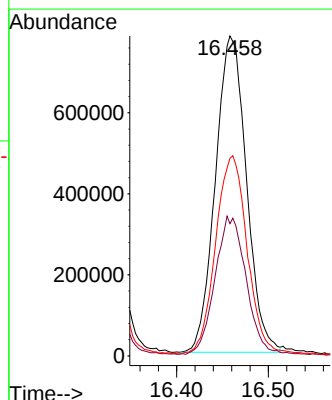
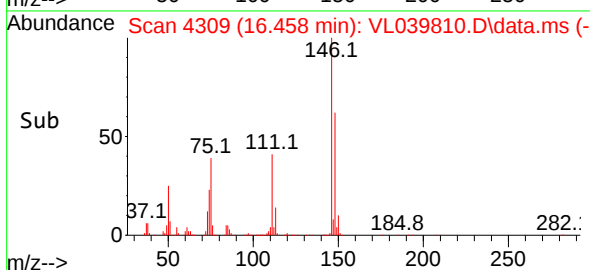
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

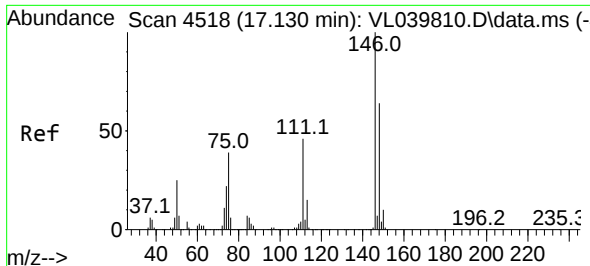


#76
1,4-Dichlorobenzene
Concen: 10.309 ppbv
RT: 16.458 min Scan# 4309
Delta R.T. -0.007 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43



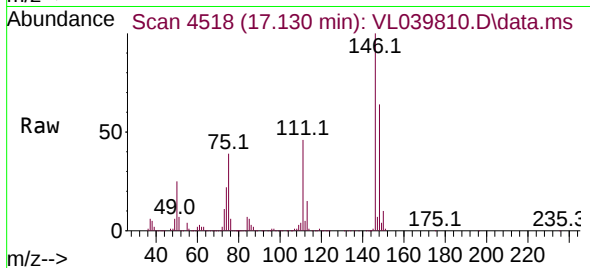
Tgt Ion:146 Resp: 1835409
Ion Ratio Lower Upper
146 100
111 45.4 22.0 66.0
148 66.2 33.6 100.8





#77
1,2-Dichlorobenzene
Concen: 9.971 ppbv
RT: 17.130 min Scan# 4518
Delta R.T. -0.007 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

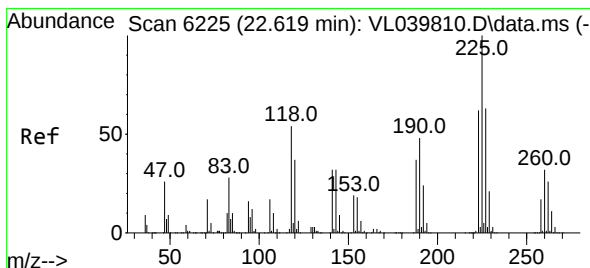
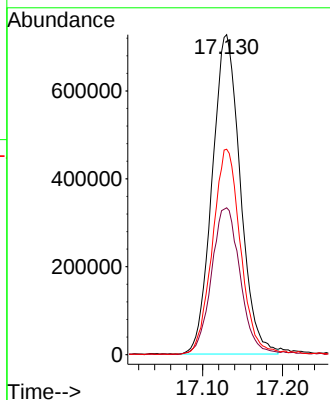
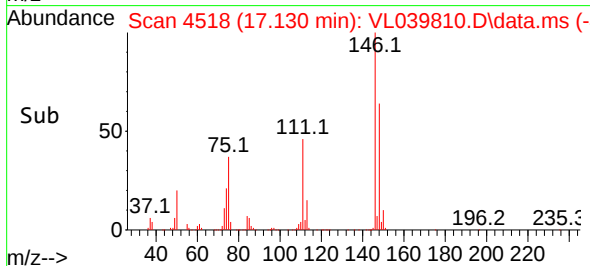
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:146 Resp: 1774942
Ion Ratio Lower Upper
146 100
111 47.9 23.8 71.4
148 64.8 32.3 96.9

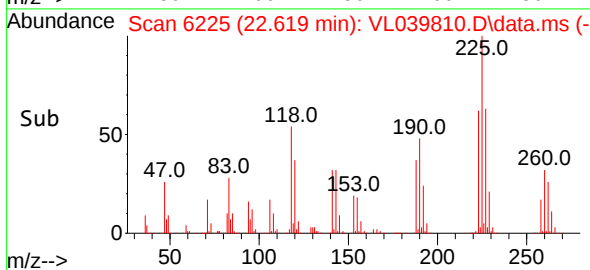
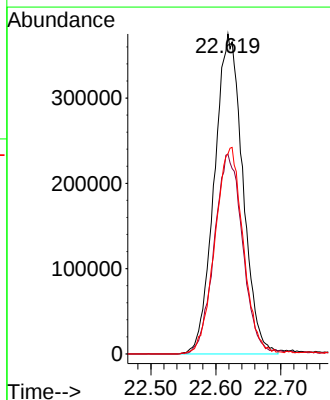
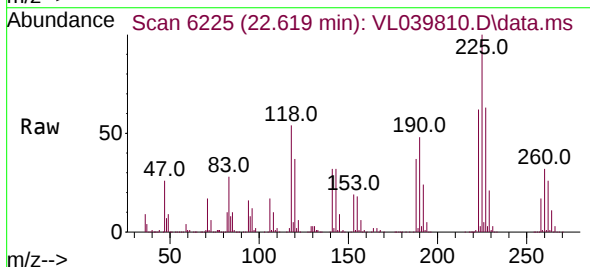
Manual Integrations
APPROVED

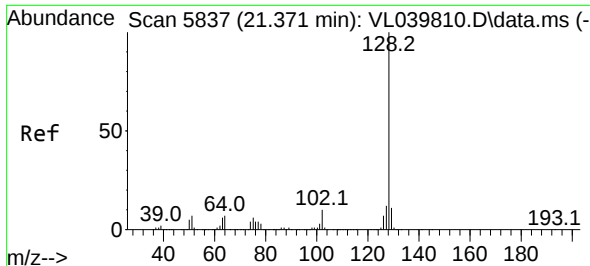
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#78
Hexachloro-1,3-Butadiene
Concen: 8.412 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. -0.003 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

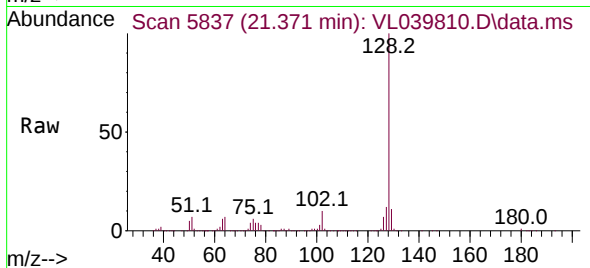
Tgt Ion:225 Resp: 1141257
Ion Ratio Lower Upper
225 100
223 63.2 50.8 76.2
227 64.5 51.0 76.4





#79
Naphthalene
Concen: 12.380 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. 0.003 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

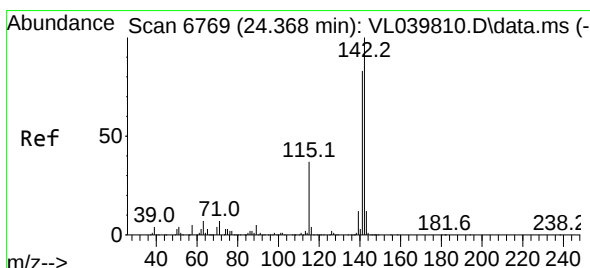
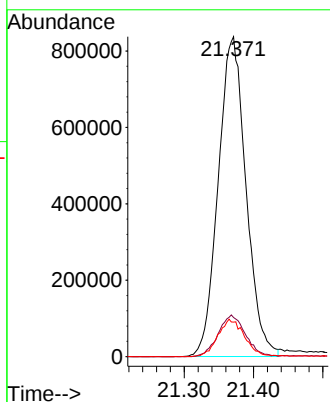
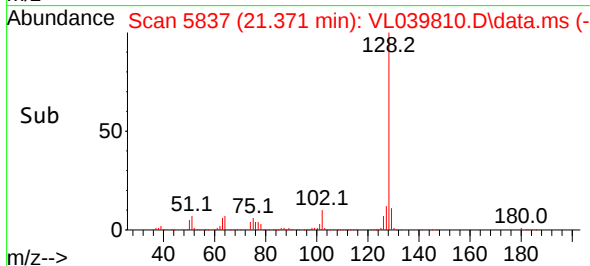
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:128 Resp: 2328693
Ion Ratio Lower Upper
128 100
127 12.2 10.5 15.7
129 10.8 8.4 12.6

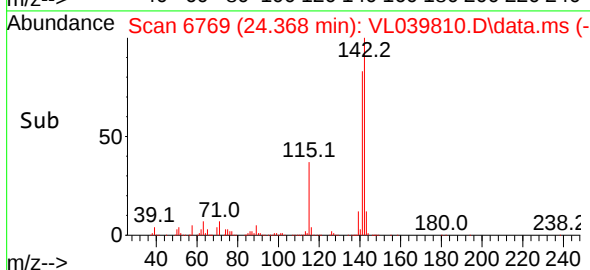
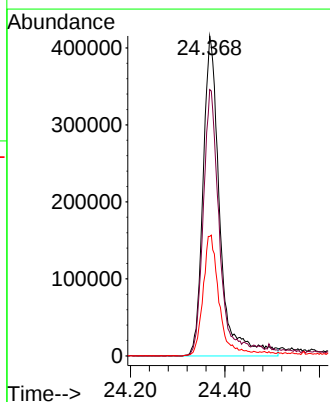
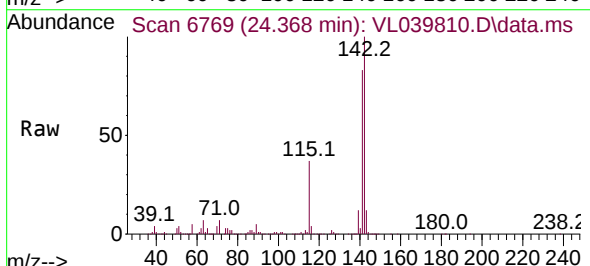
Manual Integrations
APPROVED

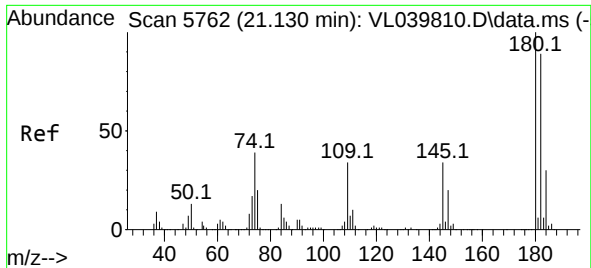
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#80
Naphthalene,2-methyl-
Concen: 16.033 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. -0.000 min
Lab File: VL039810.D
Acq: 2 Nov 2022 10:43

Tgt Ion:142 Resp: 1024035
Ion Ratio Lower Upper
142 100
141 81.4 65.7 98.5
115 36.4 28.3 42.5





#81

1,2,4-Trichlorobenzene

Concen: 10.025 ppbv

RT: 21.130 min Scan# 51

Delta R.T. -0.000 min

Lab File: VL039810.D

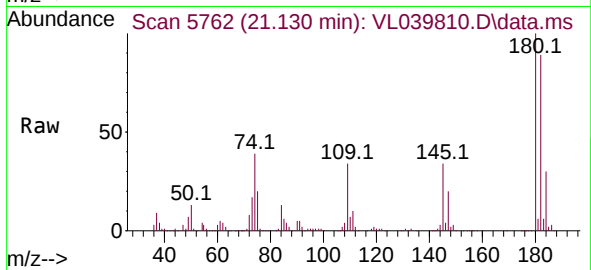
Acq: 2 Nov 2022 10:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 1246262

Ion Ratio Lower Upper

180 100

182 97.6 77.5 116.3

184 30.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022

