

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110222\
 Data File : VL039816.D
 Acq On : 2 Nov 2022 14:35
 Operator : SY/AP
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

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

Quant Time: Nov 02 15:08:48 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 : Wed Nov 02 11:28:32 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	990270	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2776596	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2667003	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.761 95 1967234 10.369 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.742	85	2308269	22.262	ppbv	99
3) Chlorodifluoromethane	2.687	51	1684814	14.163	ppbv	98
4) Chloromethane	2.825	50	1069755	14.365	ppbv	97
5) Vinyl Chloride	2.932	62	904717	14.648	ppbv	99
6) Bromomethane	3.128	94	315470m	14.217	ppbv	
7) Chloroethane	3.208	64	322640	14.546	ppbv	100
8) Dichlorotetrafluoroethane	2.867	85	2064131	15.249	ppbv	97
9) Propene	2.706	41	863542	16.896	ppbv	100
10) Heptane	7.574	43	2123710	17.356	ppbv	100
11) Trichlorofluoromethane	3.571	101	1981926	13.680	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.070	101	1436691	12.788	ppbv	100
13) Ethanol	3.250	45	53197	14.492	ppbv	96
14) Bromoethene	3.375	108	636275m	14.271	ppbv	
15) Acetone	3.475	43	1521829	12.866	ppbv	99
16) 1,3-Butadiene	2.996	39	863755	14.775	ppbv	95
17) tert-Butyl alcohol	3.886	59	1686025	17.477	ppbv	99
18) 1,1-Dichloroethene	3.886	96	658178	13.313	ppbv	98
19) Isopropyl Alcohol	3.581	45	885681	15.982	ppbv	98
20) Methylene Chloride	3.938	84	571354	12.697	ppbv	99
21) Allyl Chloride	4.002	41	1127720	14.731	ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	707717	13.781	ppbv	96
23) Vinyl Acetate	4.629	43	689097	15.114	ppbv #	97
24) 1,1-Dichloroethane	4.565	63	1450035	13.656	ppbv	99
25) Ethyl Acetate	5.205	43	3607399	15.600	ppbv	99
26) Hexane	5.211	57	1577326	16.404	ppbv	98
27) Carbon Disulfide	4.128	76	1806369	15.826	ppbv	98
28) Methyl tert-Butyl Ether	4.591	73	1477243	17.658	ppbv	99
29) Chloroform	5.276	83	2329950	15.414	ppbv	98
30) Cyclohexane	6.594	84	1343251	17.048	ppbv	98
31) cis-1,2-Dichloroethene	5.079	61	1558212	16.789	ppbv	95
32) 1,1,1-Trichloroethane	5.999	97	2343384	17.080	ppbv	99
34) 2-Butanone	4.790	43	1702444	13.033	ppbv	99
35) Carbon Tetrachloride	6.488	117	2415077	15.256	ppbv	99
36) Benzene	6.365	78	3389737	15.852	ppbv	98
37) 1,2-Dichloroethane	5.806	62	1732400	14.918	ppbv	100
38) Trichloroethene	7.285	130	1781975	14.762	ppbv	99
39) 1,2-Dichloropropane	7.070	63	1304901	15.840	ppbv	98
40) 1,4-Dioxane	7.275	88	514153m	18.311	ppbv	
41) Tetrahydrofuran	5.555	42	1411348	17.390	ppbv	99
42) Bromodichloromethane	7.240	83	2608693	15.951	ppbv	97
43) Methyl Methacrylate	7.468	69	1380152	18.534	ppbv	99
44) 2,2,4-Trimethylpentane	7.320	57	5448506	15.241	ppbv	100
45) t-1,3-Dichloropropene	8.700	75	1454948	22.998	ppbv	97

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

Quant Time: Nov 02 15:08:48 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 : Wed Nov 02 11:28:32 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	1870487	20.604	ppbv	99
47) 1,1,2-Trichloroethane	8.890	97	1346595	15.267	ppbv	98
48) Dibromochloromethane	9.697	129	2337977	16.465	ppbv	100
49) Bromoform	12.394	173	1886674	16.313	ppbv	100
50) 4-Methyl-2-Pentanone	8.172	43	3438019	16.775	ppbv	100
51) 2-Hexanone	9.542	43	2768877	18.454	ppbv #	99
52) Tetrachloroethene	10.603	164	1165654	14.552	ppbv	96
53) Toluene	9.208	91	3837205	17.128	ppbv	100
54) 1,2-Dibromoethane	9.996	107	1616645	18.055	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.494	131	1593141	14.117	ppbv	98
57) Chlorobenzene	11.516	112	2811427	13.742	ppbv	97
58) Ethyl Benzene	12.079	91	5053450	16.633	ppbv	98
59) m/p-Xylene	12.362	91	8148820m	29.715	ppbv	
60) o-Xylene	13.047	91	3936374	15.309	ppbv	100
61) Styrene	12.886	104	2617710	19.384	ppbv	99
62) Isopropylbenzene	14.018	105	5628888	14.329	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.034	83	1432356	13.244	ppbv	99
64) n-propylbenzene	14.909	120	1559569	15.678	ppbv	97
65) tert-Butylbenzene	16.082	119	4808841	14.048	ppbv	100
66) Benzyl Chloride	16.314	91	649768	26.759	ppbv	98
67) sec-Butylbenzene	16.626	105	6703972	13.904	ppbv	100
69) p-Isopropyltoluene	16.986	119	5541121	14.206	ppbv	99
70) n-Butylbenzene	17.876	91	5545067	14.867	ppbv	100
71) 2-Chlorotoluene	14.790	91	4292907	15.734	ppbv	99
72) 4-Ethyltoluene	15.185	105	4573232	15.440	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	4050871	15.282	ppbv	96
74) 1,2,4-Trimethylbenzene	16.098	105	4142558	13.799	ppbv	99
75) 1,3-Dichlorobenzene	16.320	146	2491269	13.673	ppbv	100
76) 1,4-Dichlorobenzene	16.465	146	2443836	14.064	ppbv	99
77) 1,2-Dichlorobenzene	17.130	146	2360003	13.583	ppbv	100
78) Hexachloro-1,3-Butadiene	22.619	225	1470727	11.107	ppbv	99
79) Naphthalene	21.368	128	3164072	17.235	ppbv	98
80) Naphthalene,2-methyl-	24.365	142	1373626	22.035	ppbv	98
81) 1,2,4-Trichlorobenzene	21.130	180	1658234	13.667	ppbv	100

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

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Manual Integrations APPROVED

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

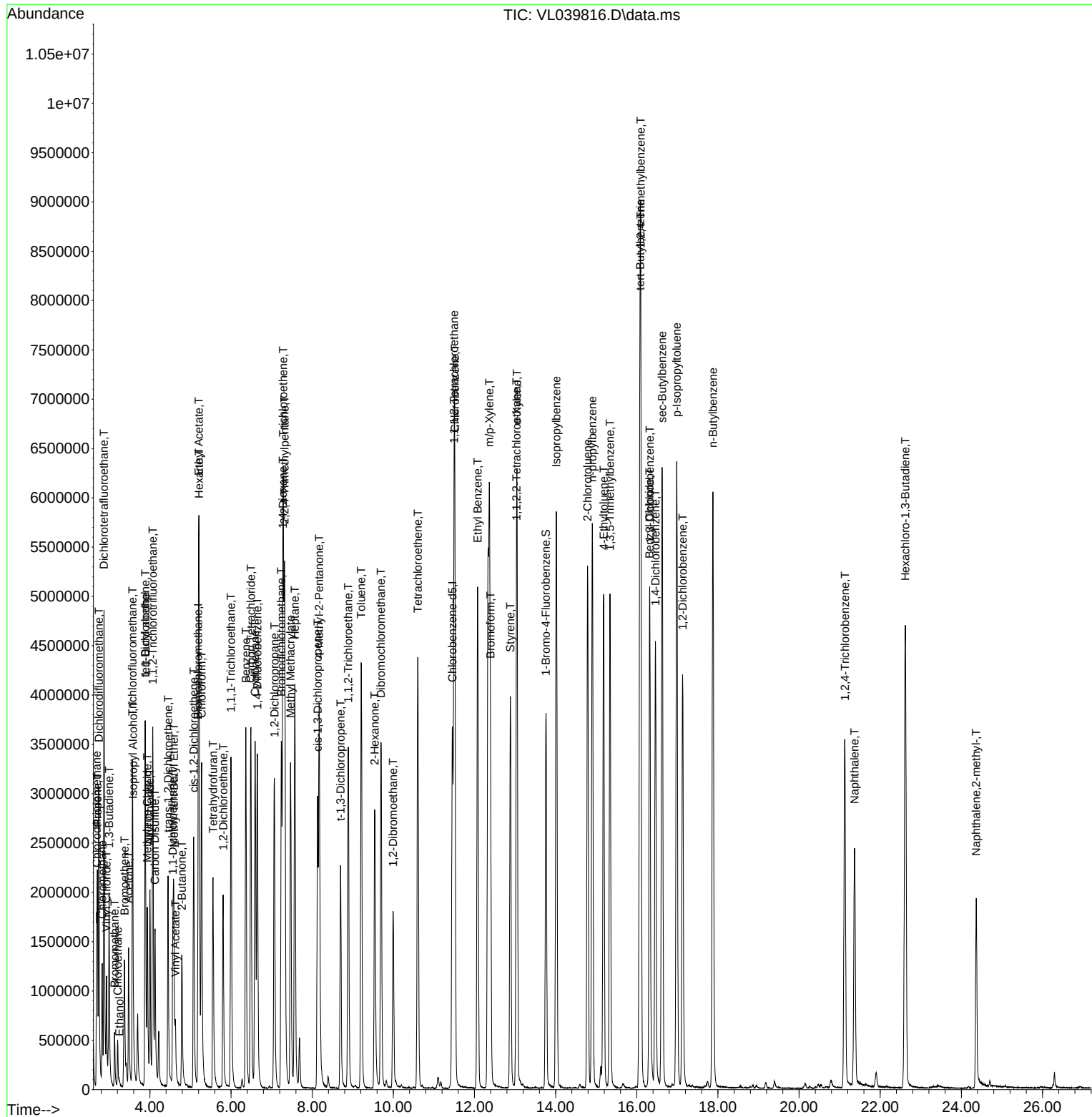
Quant Time: Nov 02 15:08:48 2022

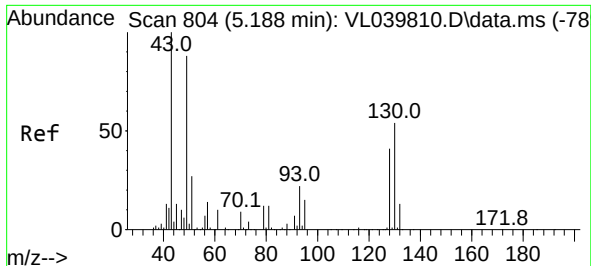
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug

QLast Update : Wed Nov 02 11:28:32 2022

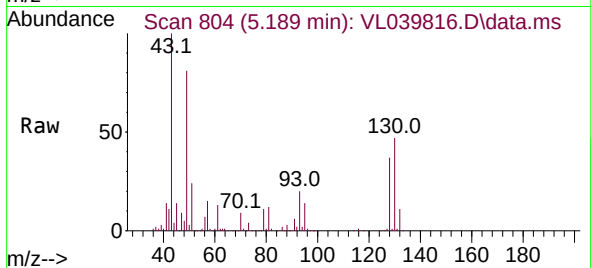
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. 0.001 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

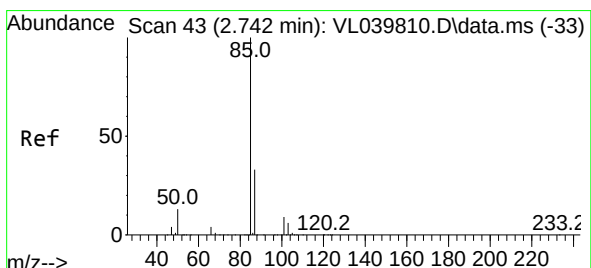
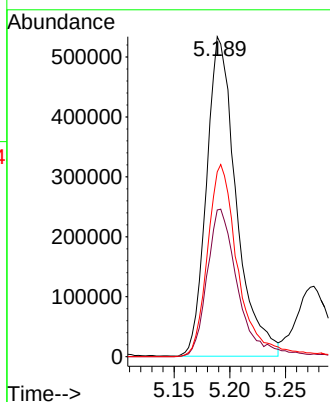
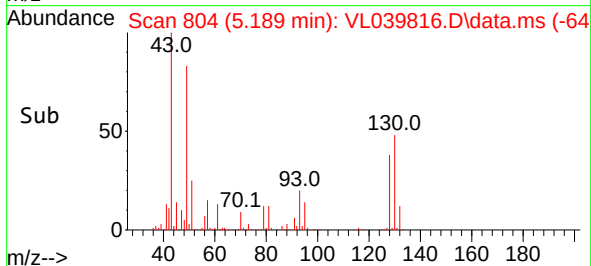
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



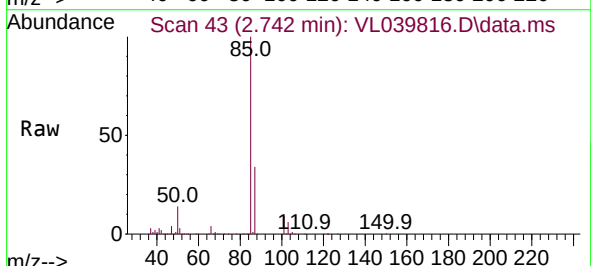
Tgt Ion: 49 Resp: 990276
Ion Ratio Lower Upper
49 100
128 48.9 24.6 73.6
130 62.8 31.1 93.2

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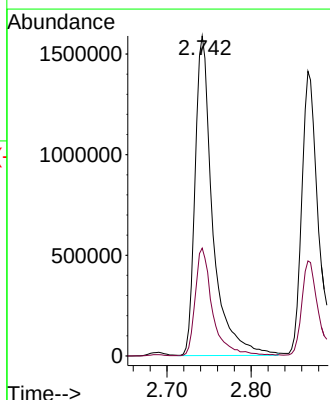
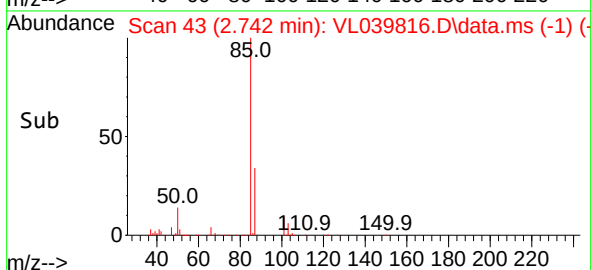
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

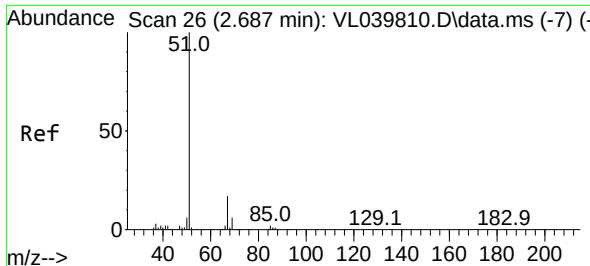


#2
Dichlorodifluoromethane
Concen: 22.262 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35



Tgt Ion: 85 Resp: 2308269
Ion Ratio Lower Upper
85 100
87 33.7 26.4 39.6





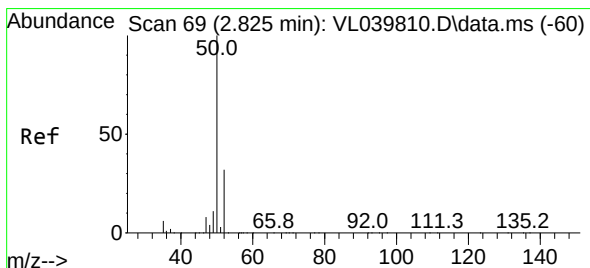
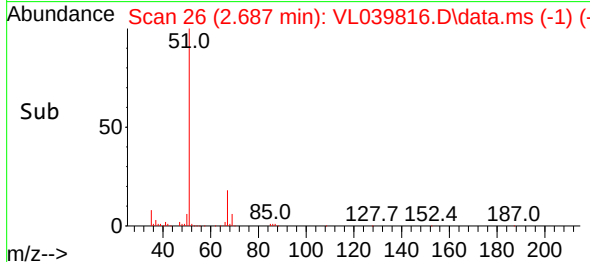
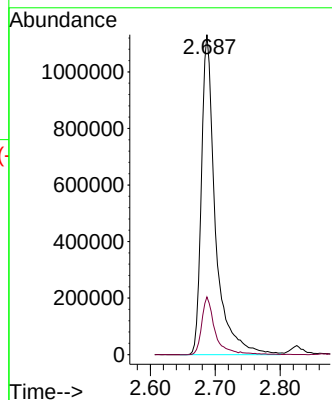
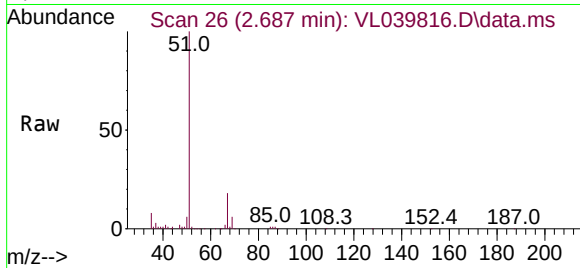
#3
Chlorodifluoromethane
Concen: 14.163 ppbv
RT: 2.687 min Scan# 26
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 51 Resp: 1684814
Ion Ratio Lower Upper
51 100
67 17.4 13.2 19.8

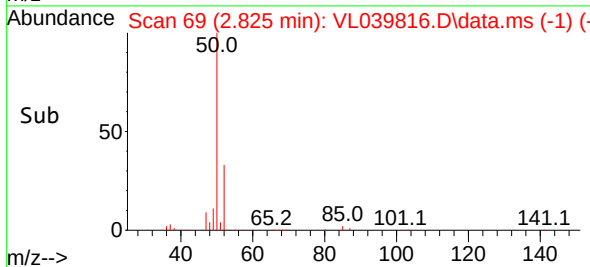
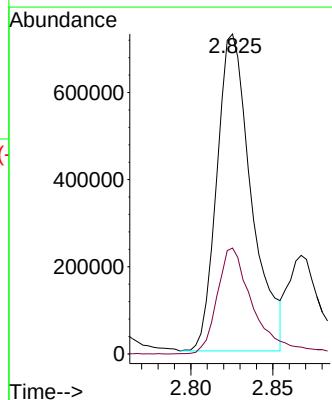
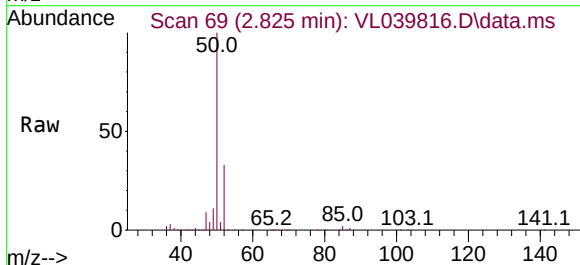
Manual Integrations
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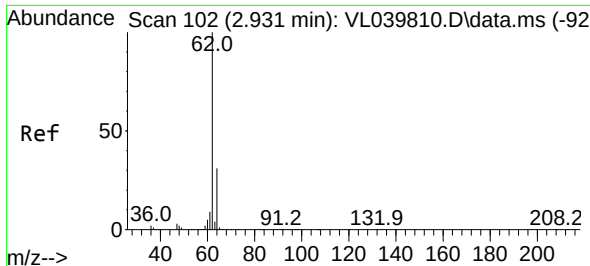
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#4
Chloromethane
Concen: 14.365 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

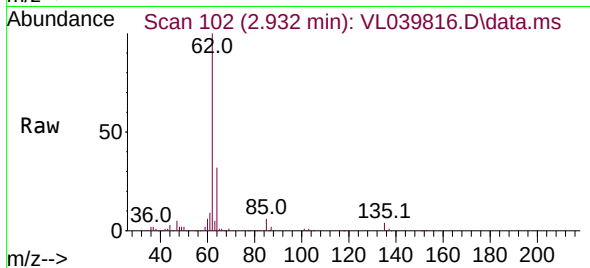
Tgt Ion: 50 Resp: 1069755
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3





#5
 Vinyl Chloride
 Concen: 14.648 ppbv
 RT: 2.932 min Scan# 102
 Delta R.T. 0.000 min
 Lab File: VL039816.D
 Acq: 2 Nov 2022 14:35

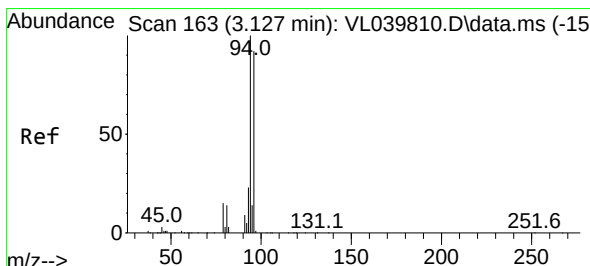
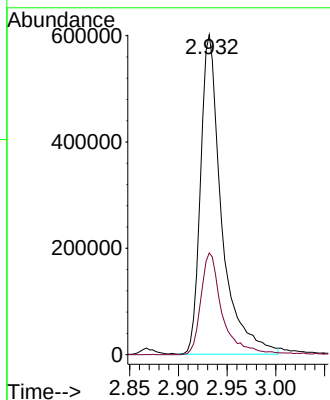
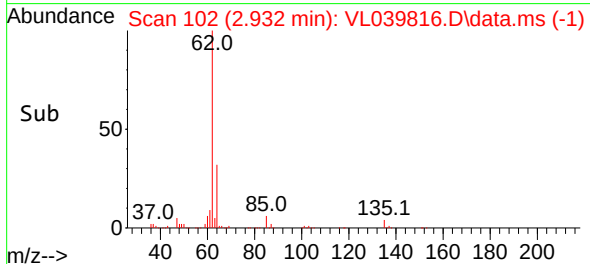
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion: 62 Resp: 90471
 Ion Ratio Lower Upper
 62 100
 64 31.8 25.0 37.4

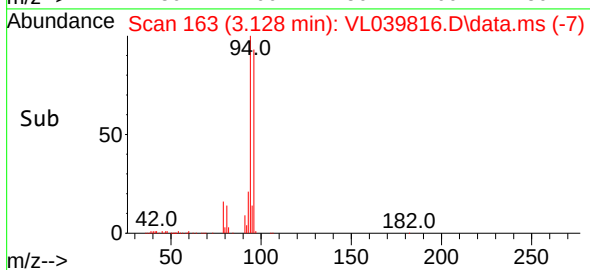
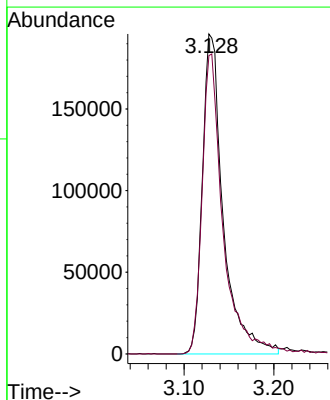
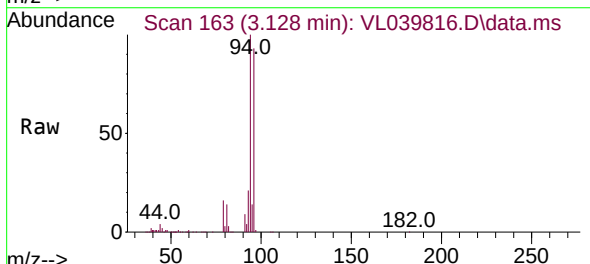
Manual Integrations
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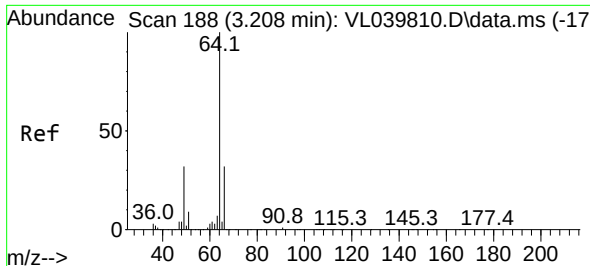
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#6
 Bromomethane
 Concen: 14.217 ppbv m
 RT: 3.128 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VL039816.D
 Acq: 2 Nov 2022 14:35

Tgt Ion: 94 Resp: 315470
 Ion Ratio Lower Upper
 94 100
 96 93.2 73.5 110.3





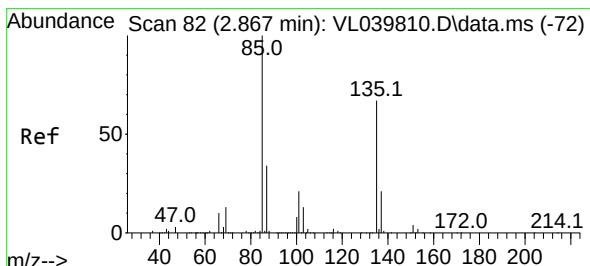
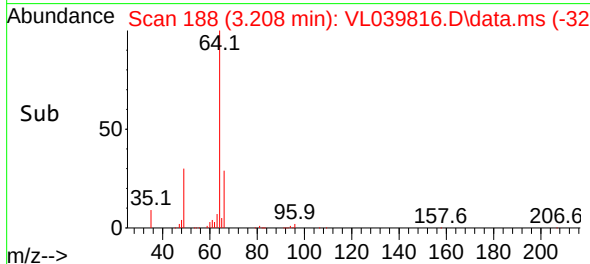
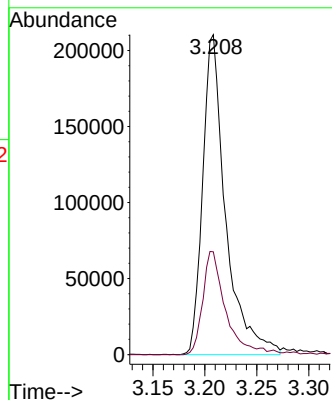
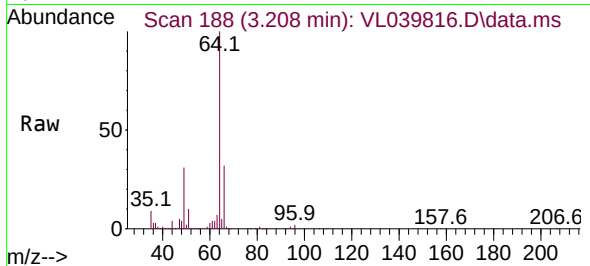
#7
Chloroethane
Concen: 14.546 ppbv
RT: 3.208 min Scan# 188
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 64 Resp: 322640
Ion Ratio Lower Upper
64 100
66 32.1 25.5 38.3

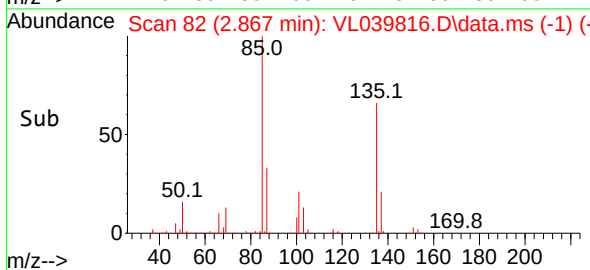
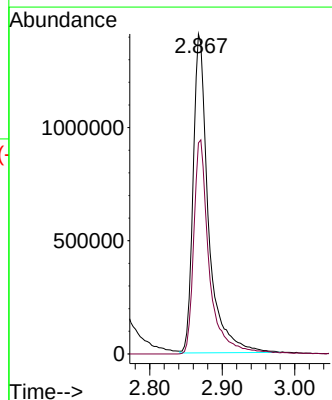
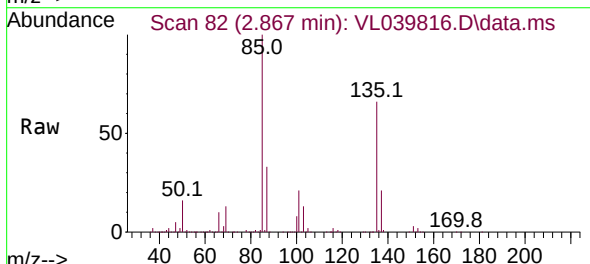
Manual Integrations
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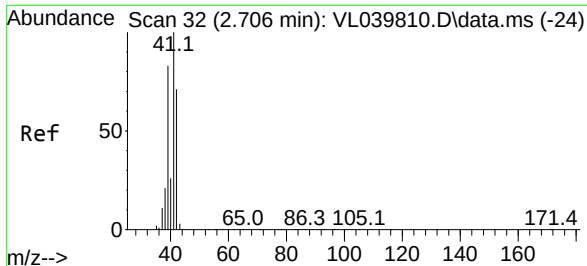
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#8
Dichlorotetrafluoroethane
Concen: 15.249 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

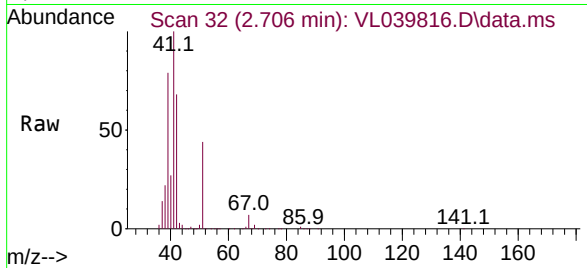
Tgt Ion: 85 Resp: 2064131
Ion Ratio Lower Upper
85 100
135 68.6 56.7 85.1





#9
 Propene
 Concen: 16.896 ppbv
 RT: 2.706 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VL039816.D
 Acq: 2 Nov 2022 14:35

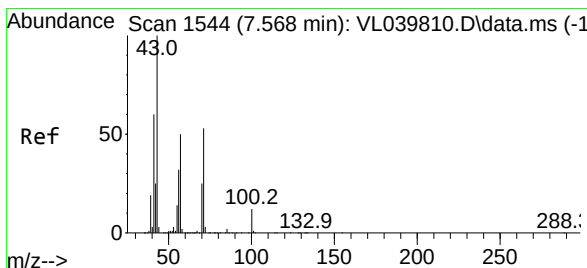
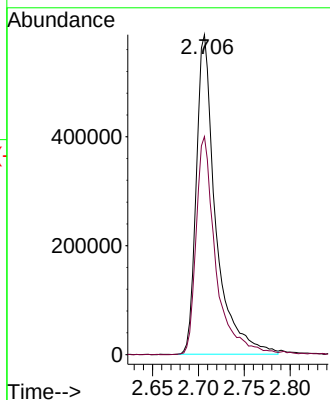
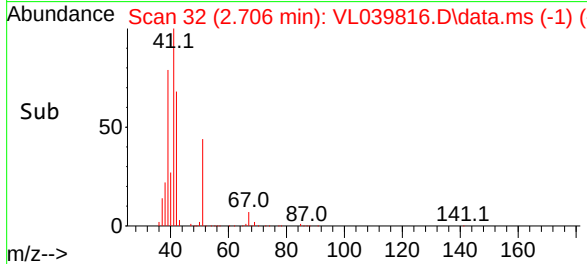
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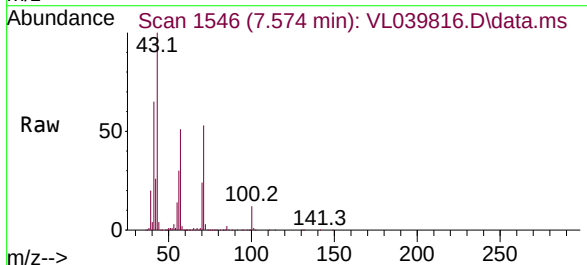
Tgt Ion: 41 Resp: 863542
 Ion Ratio Lower Upper
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 42 70.2 56.3 84.5

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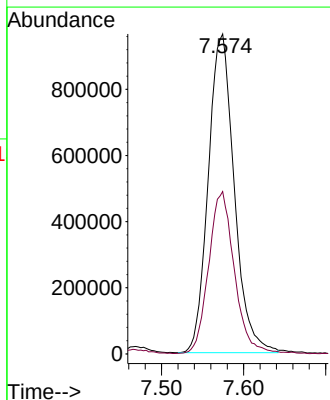
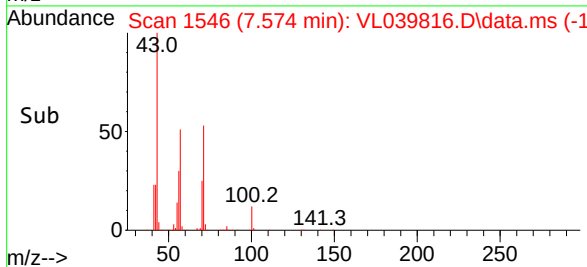
Reviewed By :Semsettin Yesilyurt 11/03/2022
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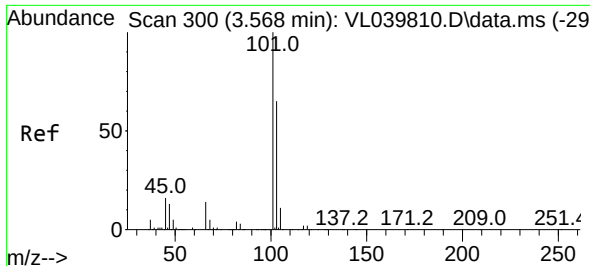


#10
 Heptane
 Concen: 17.356 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. 0.007 min
 Lab File: VL039816.D
 Acq: 2 Nov 2022 14:35



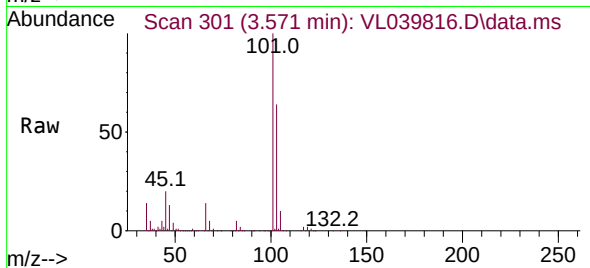
Tgt Ion: 43 Resp: 2123710
 Ion Ratio Lower Upper
 43 100
 57 50.7 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 13.680 ppbv
 RT: 3.571 min Scan# 300
 Delta R.T. 0.003 min
 Lab File: VL039816.D
 Acq: 2 Nov 2022 14:35

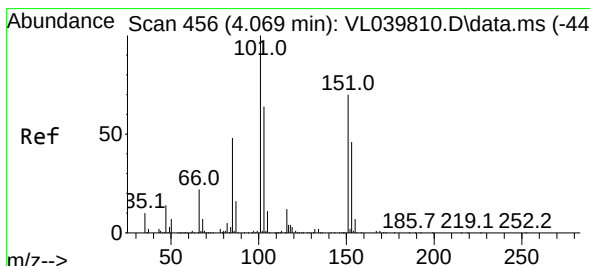
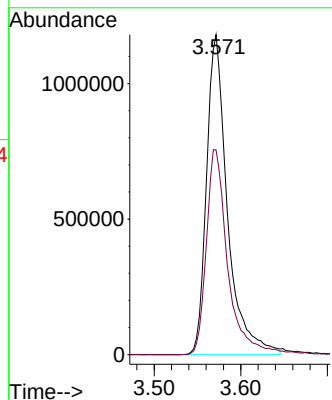
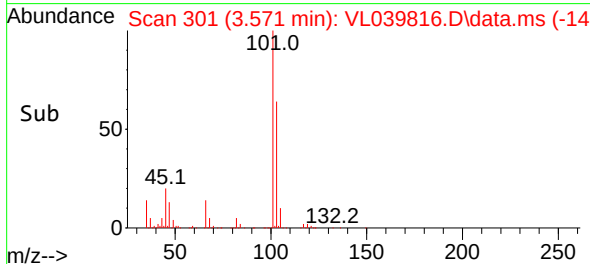
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



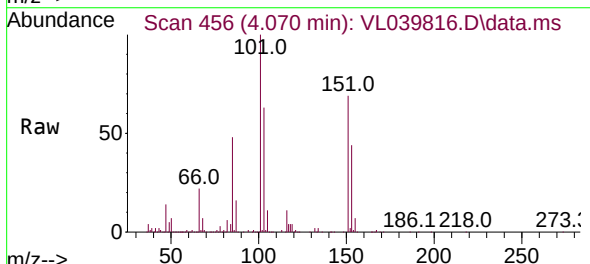
Tgt Ion:101 Resp: 1981926
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.2 78.2

Manual Integrations
 APPROVED

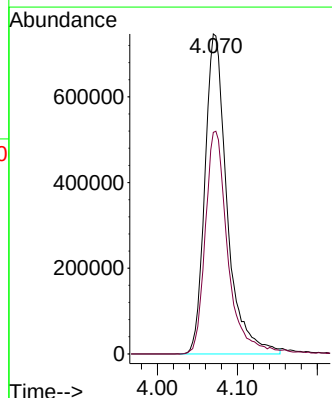
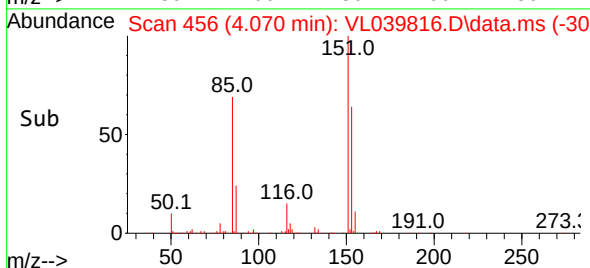
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

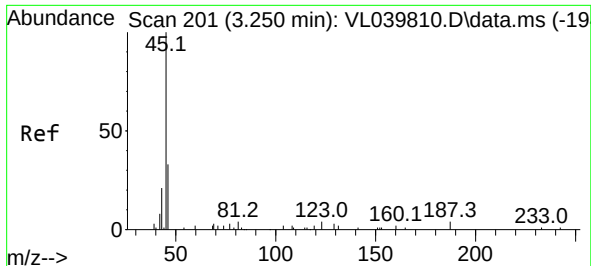


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 12.788 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. 0.000 min
 Lab File: VL039816.D
 Acq: 2 Nov 2022 14:35



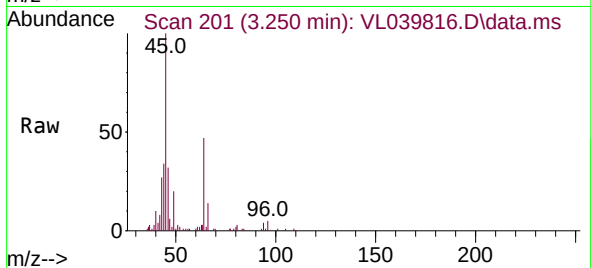
Tgt Ion:101 Resp: 1436691
 Ion Ratio Lower Upper
 101 100
 151 71.4 57.2 85.8





#13
Ethanol
Concen: 14.492 ppbv
RT: 3.250 min Scan# 201
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

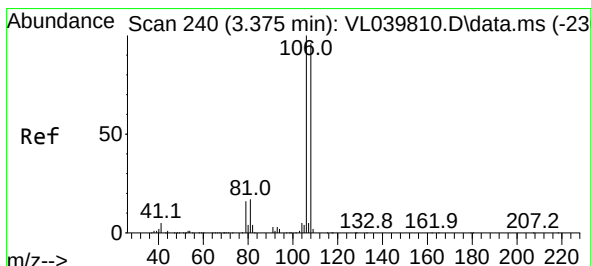
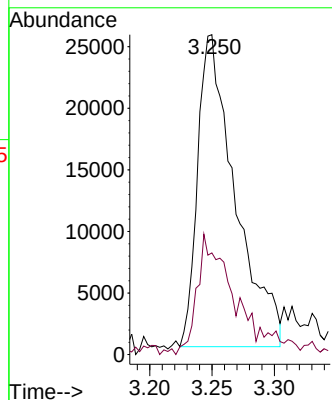
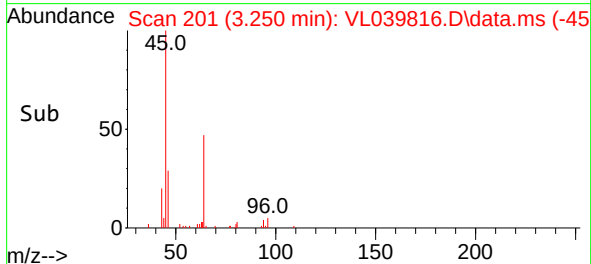
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



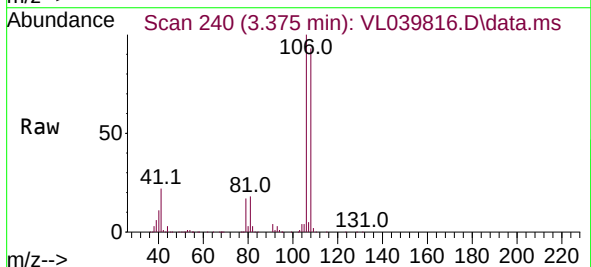
Tgt Ion: 45 Resp: 53197
Ion Ratio Lower Upper
45 100
46 43.5 16.5 65.9

Manual Integrations
APPROVED

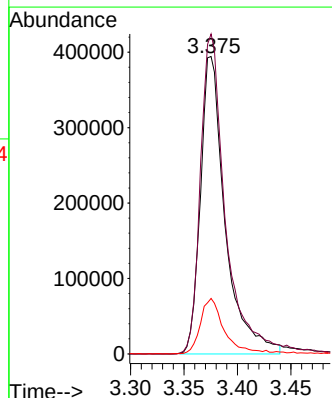
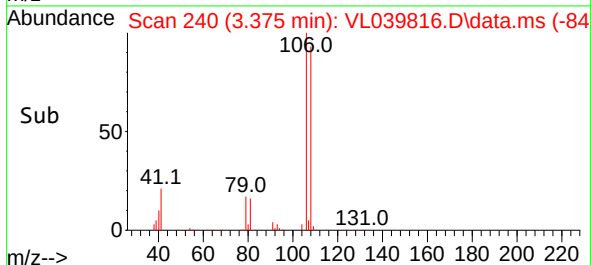
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

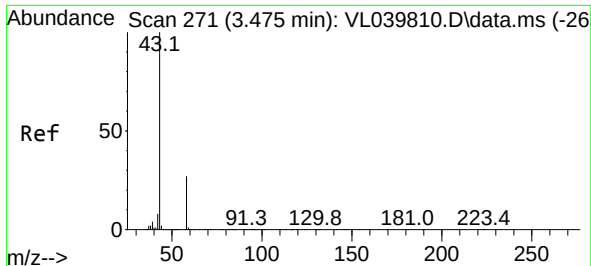


#14
Bromoethene
Concen: 14.271 ppbv m
RT: 3.375 min Scan# 240
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35



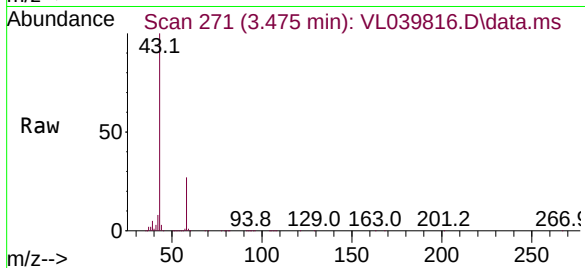
Tgt Ion:108 Resp: 636275
Ion Ratio Lower Upper
108 100
106 110.6 87.8 131.8
79 18.5 14.5 21.7





#15
Acetone
Concen: 12.866 ppbv
RT: 3.475 min Scan# 271
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

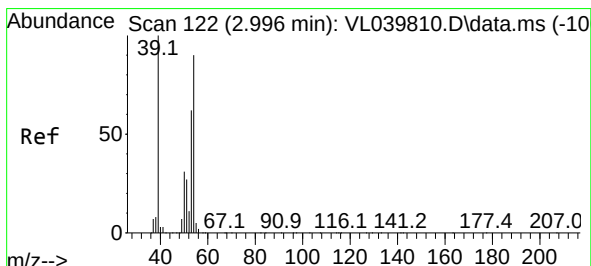
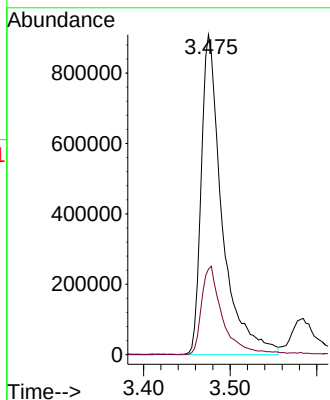
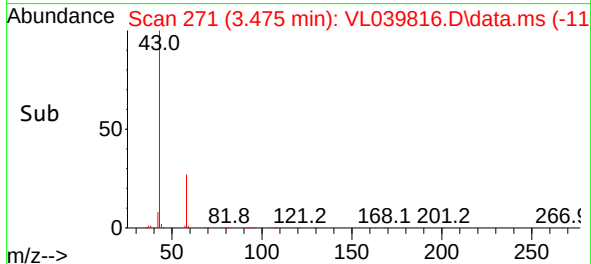
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



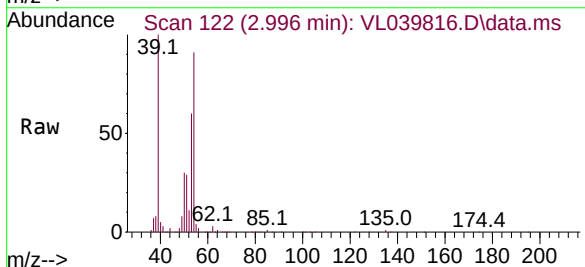
Tgt Ion: 43 Resp: 1521829
Ion Ratio Lower Upper
43 100
58 28.6 23.2 34.8

Manual Integrations
APPROVED

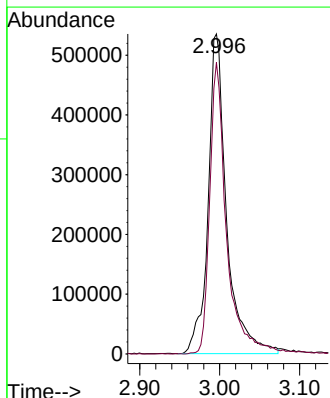
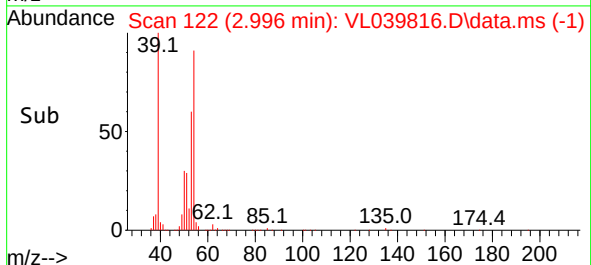
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

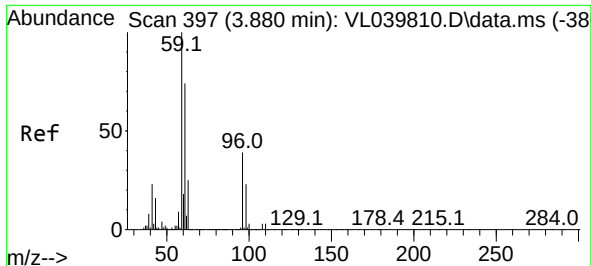


#16
1,3-Butadiene
Concen: 14.775 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35



Tgt Ion: 39 Resp: 863755
Ion Ratio Lower Upper
39 100
54 83.8 71.0 106.4





#17

tert-Butyl alcohol

Concen: 17.477 ppbv

RT: 3.886 min Scan# 399

Delta R.T. 0.007 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 59 Resp: 1686025

Ion Ratio Lower Upper

59 100

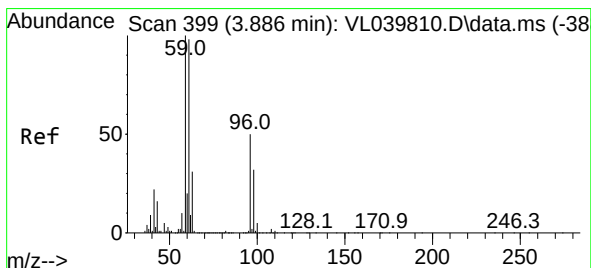
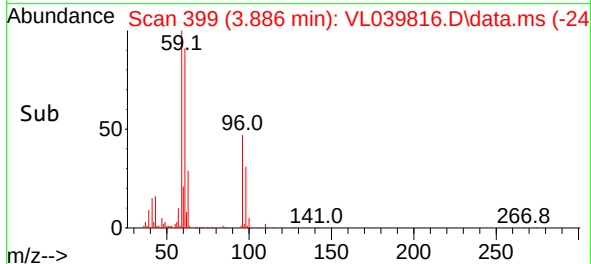
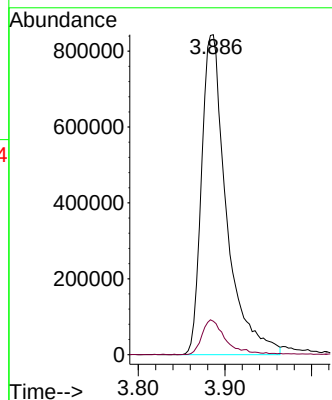
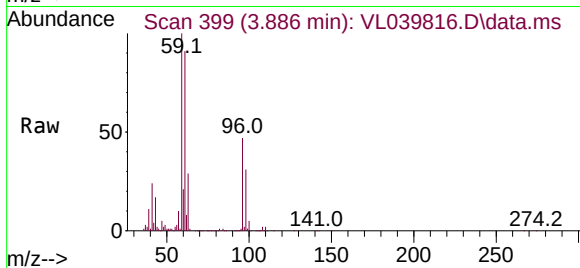
57 10.9 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#18

1,1-Dichloroethene

Concen: 13.313 ppbv

RT: 3.886 min Scan# 399

Delta R.T. 0.000 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

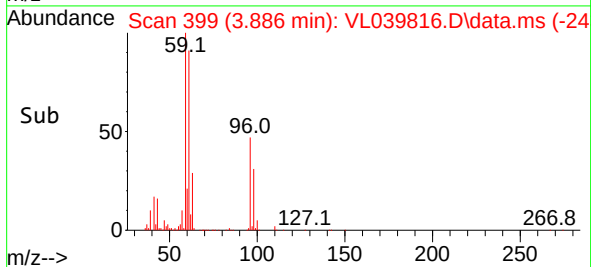
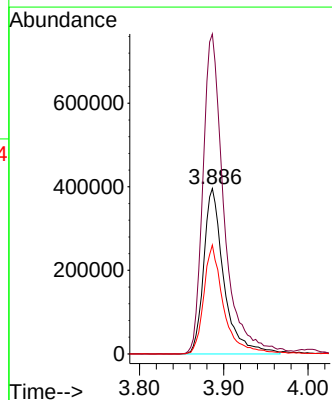
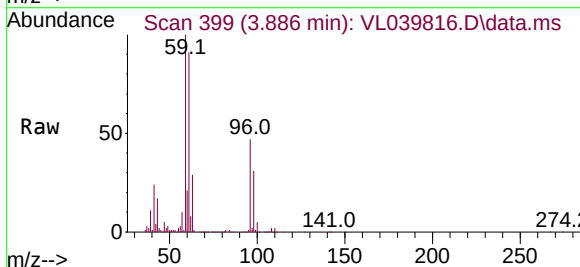
Tgt Ion: 96 Resp: 658178

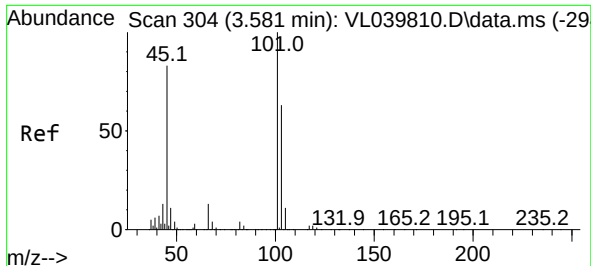
Ion Ratio Lower Upper

96 100

61 193.6 156.9 235.3

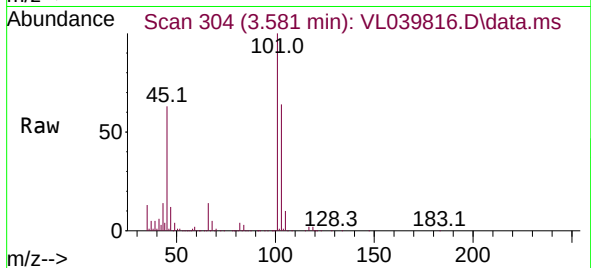
98 65.8 50.6 75.8





#19
Isopropyl Alcohol
Concen: 15.982 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

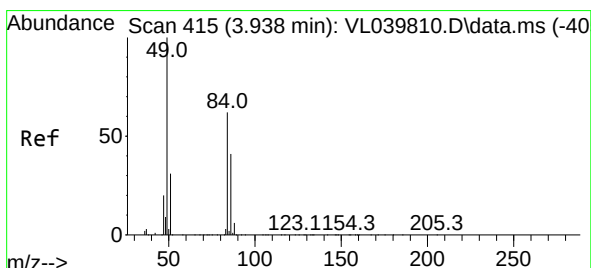
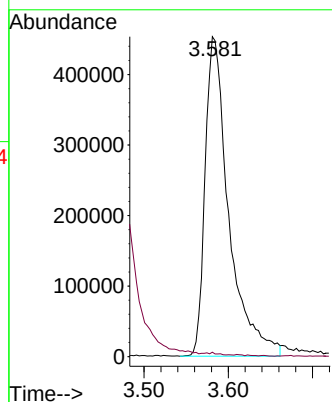
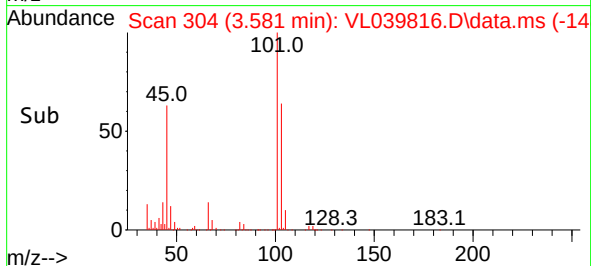
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



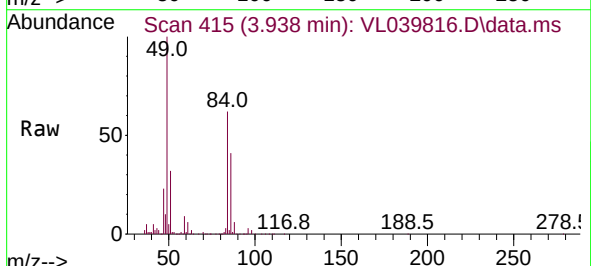
Tgt Ion: 45 Resp: 885681
Ion Ratio Lower Upper
45 100
58 49.1 38.3 57.5

Manual Integrations
APPROVED

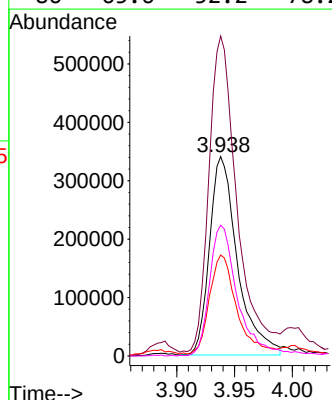
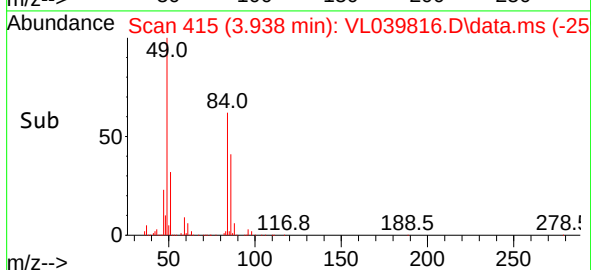
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

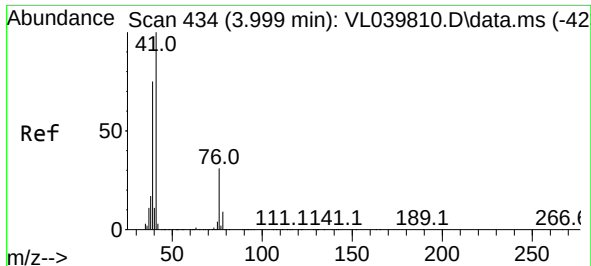


#20
Methylene Chloride
Concen: 12.697 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35



Tgt Ion: 84 Resp: 571354
Ion Ratio Lower Upper
84 100
49 159.5 128.6 192.8
51 49.9 40.2 60.4
86 65.6 52.2 78.2





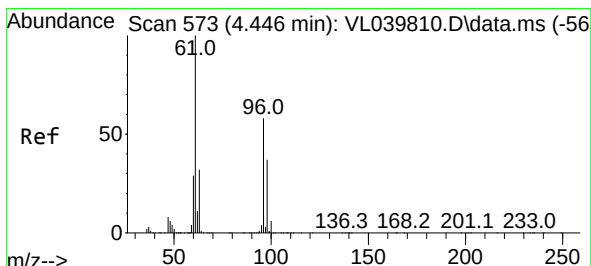
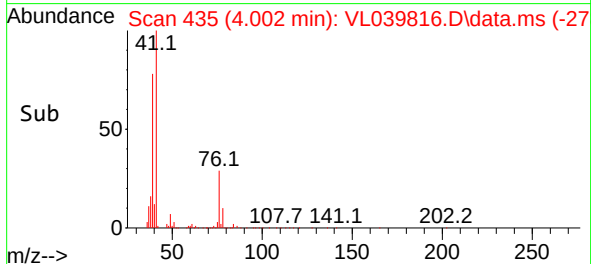
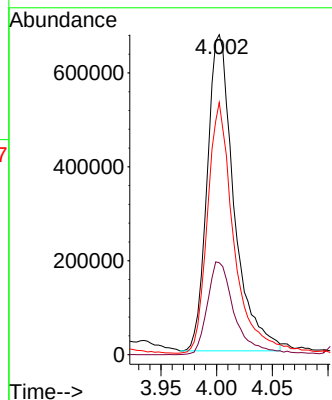
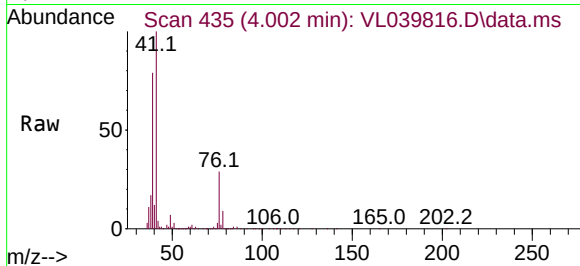
#21
 Allyl Chloride
 Concen: 14.731 ppbv
 RT: 4.002 min Scan# 434
 Delta R.T. 0.003 min
 Lab File: VL039816.D
 Acq: 2 Nov 2022 14:35

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 41 Resp: 1127720
 Ion Ratio Lower Upper
 41 100
 76 30.1 24.1 36.1
 39 81.3 64.3 96.5

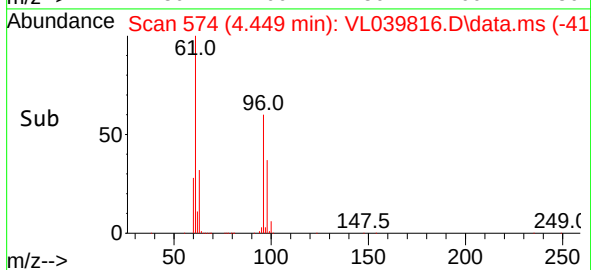
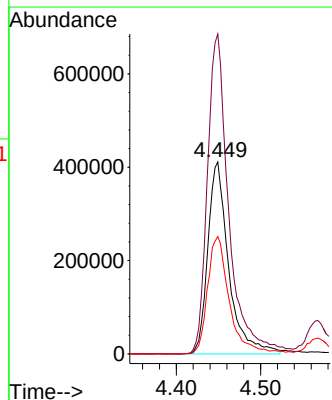
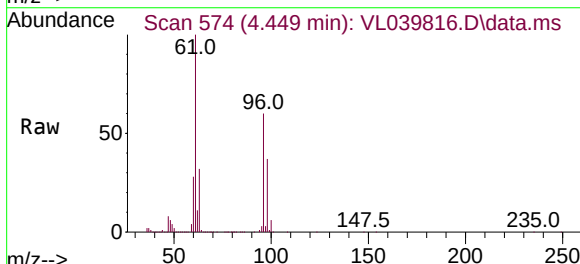
Manual Integrations
 APPROVED

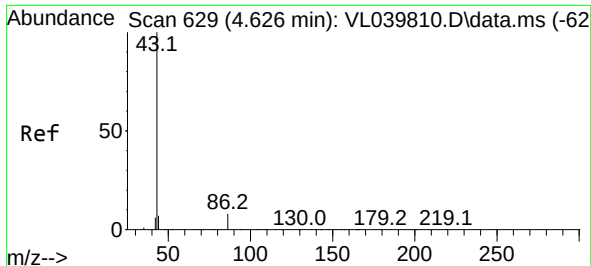
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#22
 trans-1,2-Dichloroethene
 Concen: 13.781 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. 0.003 min
 Lab File: VL039816.D
 Acq: 2 Nov 2022 14:35

Tgt Ion: 96 Resp: 707717
 Ion Ratio Lower Upper
 96 100
 61 166.7 137.6 206.4
 98 61.2 51.2 76.8





#23
 Vinyl Acetate
 Concen: 15.114 ppbv
 RT: 4.629 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL039816.D
 Acq: 2 Nov 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

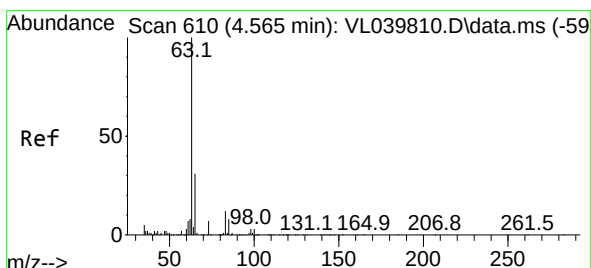
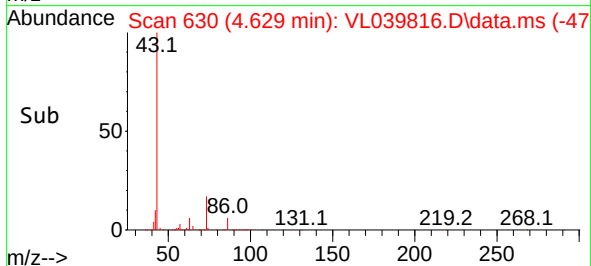
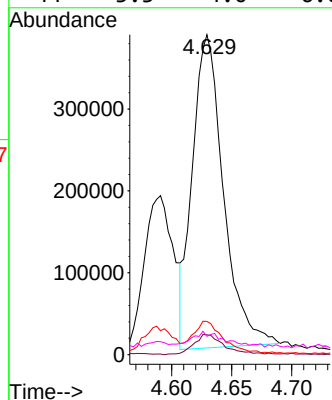
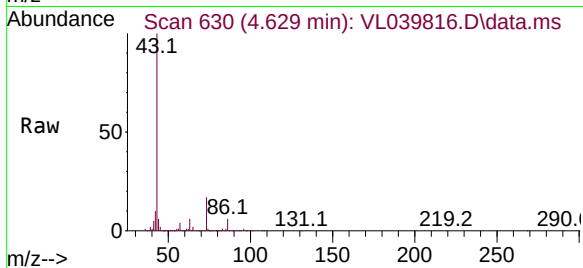
VSTDICC015

Tgt Ion: 43 Resp: 689097
 Ion Ratio Lower Upper
 43 100
 86 6.2 5.0 7.4
 42 10.1 6.8 10.2
 44 3.3 4.0 6.0#

Manual Integrations

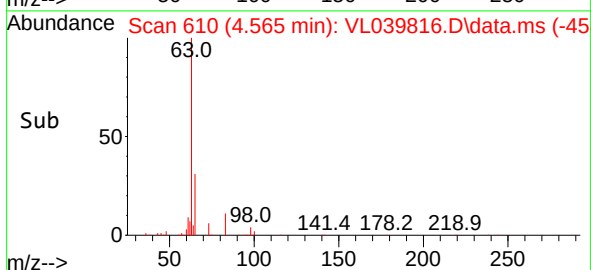
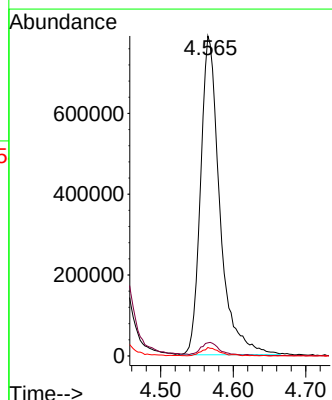
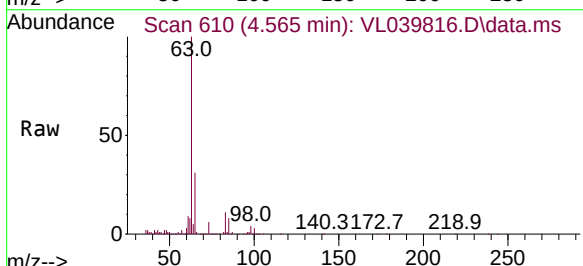
APPROVED

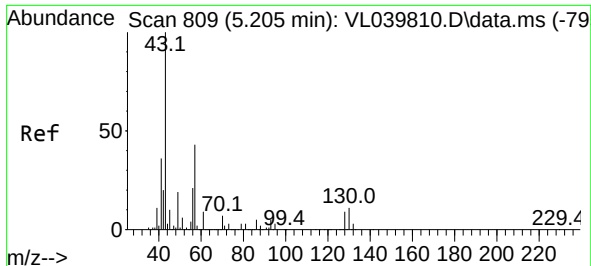
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#24
 1,1-Dichloroethane
 Concen: 13.656 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL039816.D
 Acq: 2 Nov 2022 14:35

Tgt Ion: 63 Resp: 1450035
 Ion Ratio Lower Upper
 63 100
 98 4.0 1.8 5.4
 100 2.6 1.5 4.4





#25

Ethyl Acetate

Concen: 15.600 ppbv

RT: 5.205 min Scan# 809

Delta R.T. 0.000 min

Lab File: VL039816.D

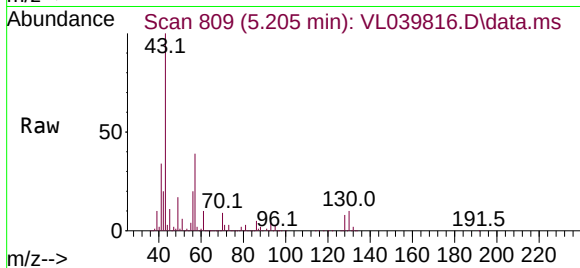
Acq: 2 Nov 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015



Tgt Ion: 43 Resp: 360739

Ion Ratio Lower Upper

43 100

45 10.6 8.2 12.2

61 10.3 8.1 12.1

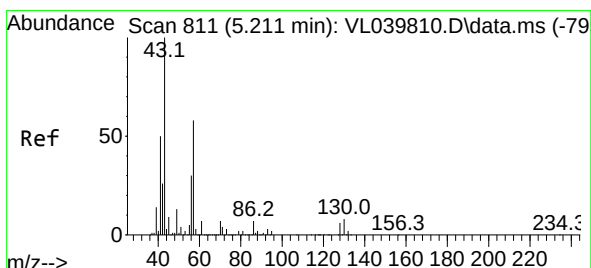
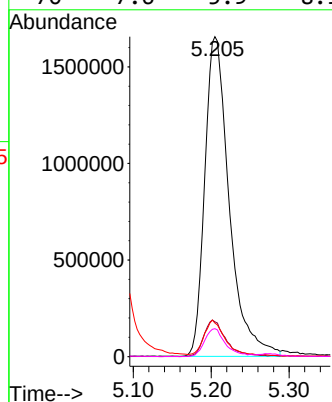
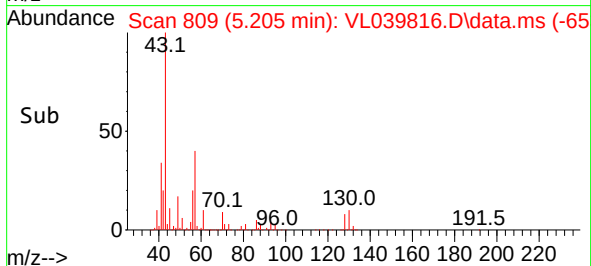
70 7.6 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#26

Hexane

Concen: 16.404 ppbv

RT: 5.211 min Scan# 811

Delta R.T. 0.000 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

Tgt Ion: 57 Resp: 1577326

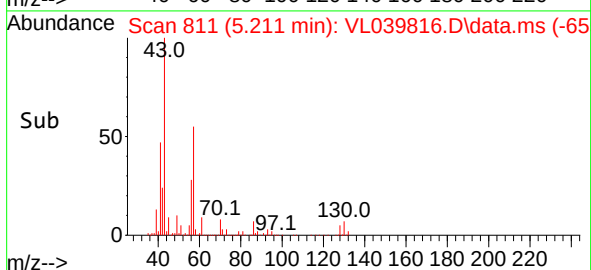
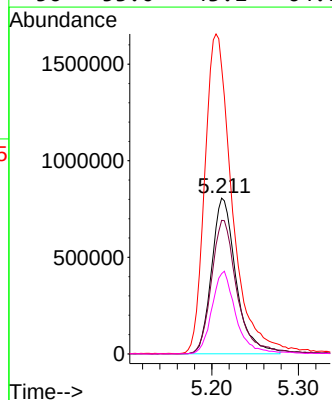
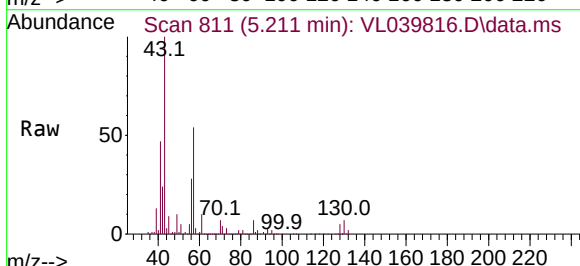
Ion Ratio Lower Upper

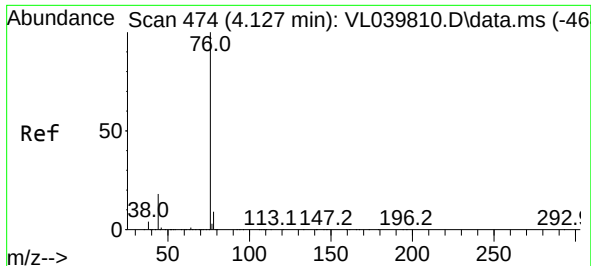
57 100

41 90.9 73.7 110.5

43 233.5 189.8 284.8

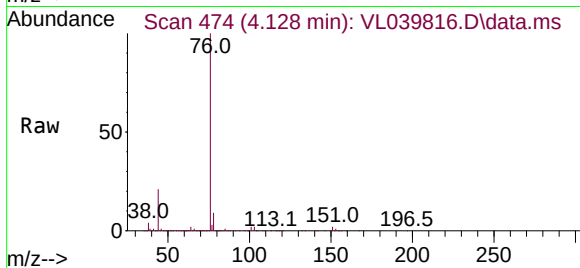
56 53.0 43.1 64.7





#27
Carbon Disulfide
Concen: 15.826 ppbv
RT: 4.128 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

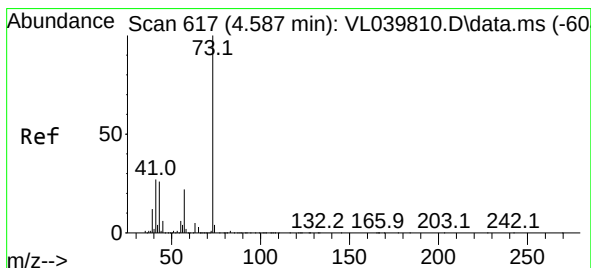
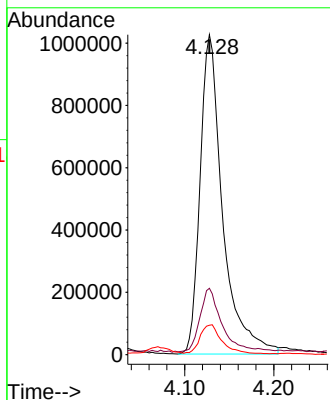
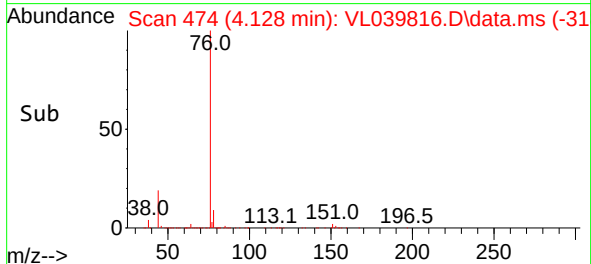
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



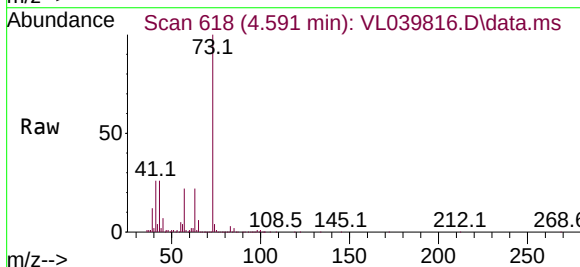
Tgt Ion: 76 Resp: 1806369
Ion Ratio Lower Upper
76 100
44 19.8 14.6 22.0
78 9.5 7.6 11.4

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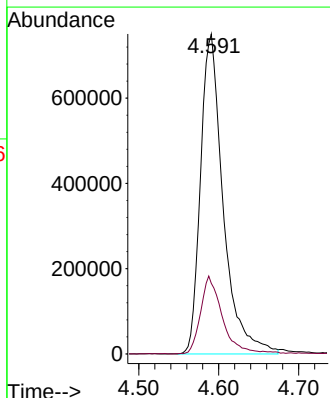
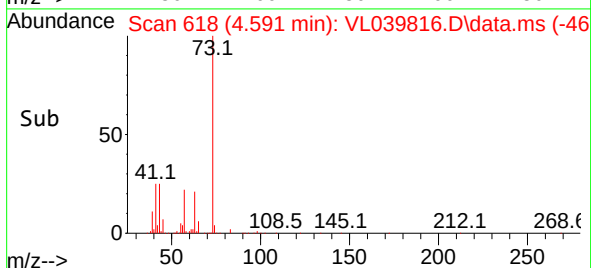
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

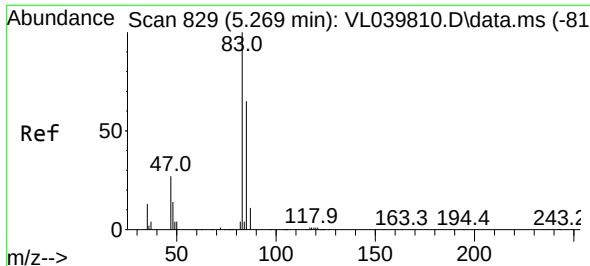


#28
Methyl tert-Butyl Ether
Concen: 17.658 ppbv
RT: 4.591 min Scan# 618
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35



Tgt Ion: 73 Resp: 1477243
Ion Ratio Lower Upper
73 100
57 23.7 19.4 29.2





#29

Chloroform

Concen: 15.414 ppbv

RT: 5.276 min Scan# 831

Delta R.T. 0.007 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 83 Resp: 2329950

Ion Ratio Lower Upper

83 100

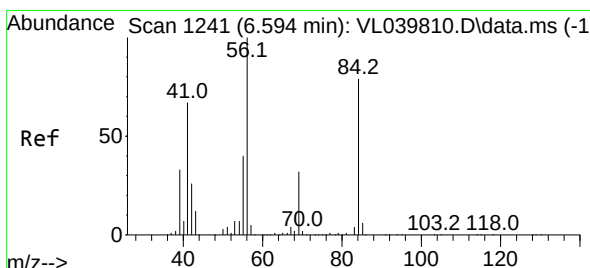
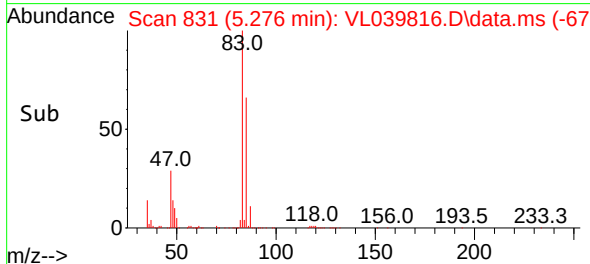
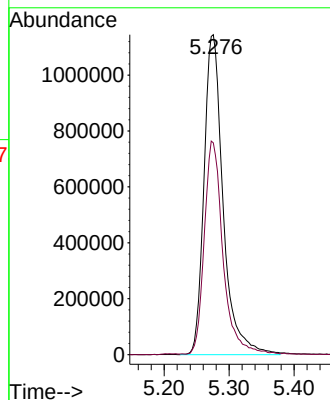
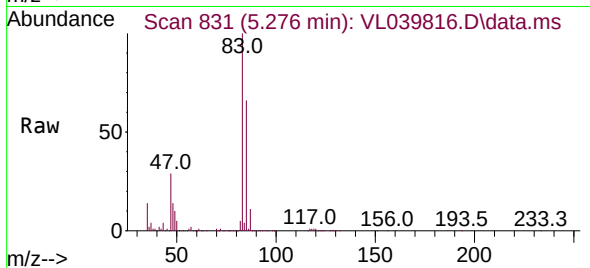
85 66.0 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#30

Cyclohexane

Concen: 17.048 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

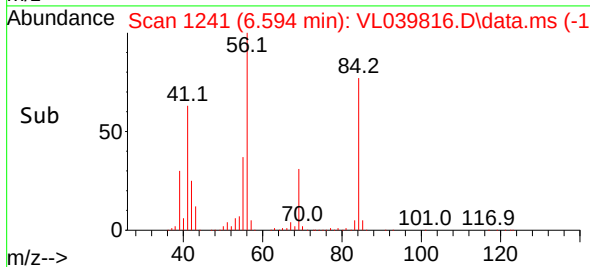
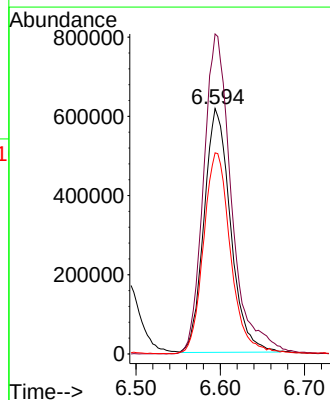
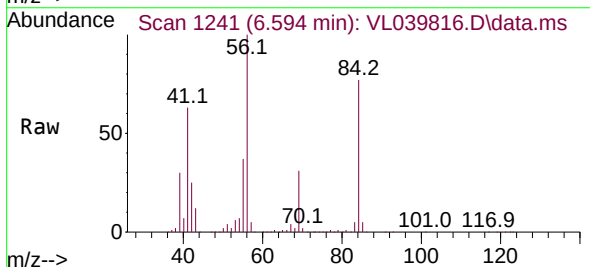
Tgt Ion: 84 Resp: 1343251

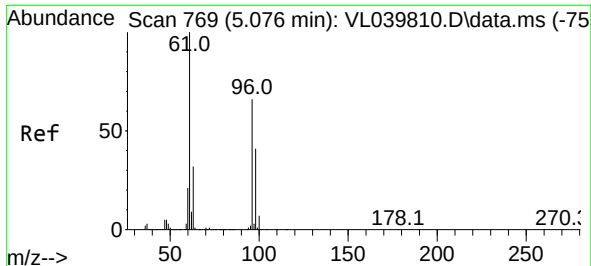
Ion Ratio Lower Upper

84 100

56 139.8 114.8 172.2

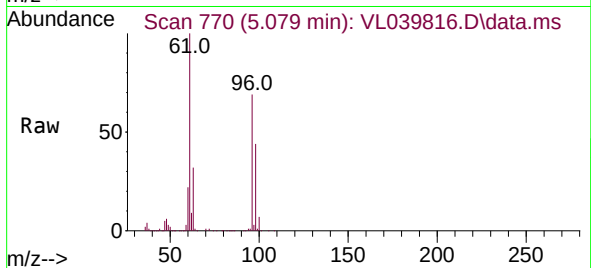
41 84.8 68.6 103.0





#31
cis-1,2-Dichloroethene
Concen: 16.789 ppbv
RT: 5.079 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

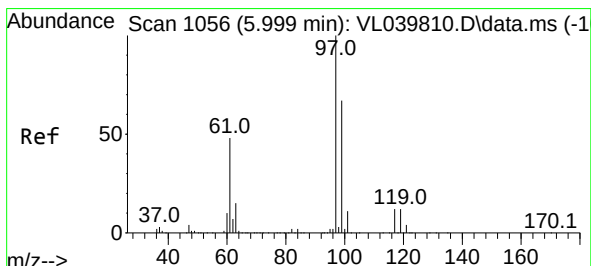
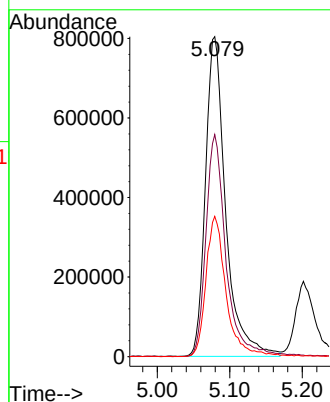
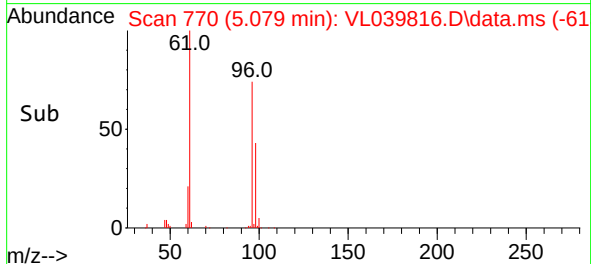
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 61 Resp: 1558212
Ion Ratio Lower Upper
61 100
96 69.4 52.6 78.8
98 43.8 32.6 48.8

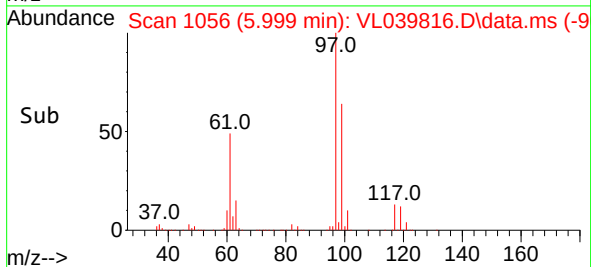
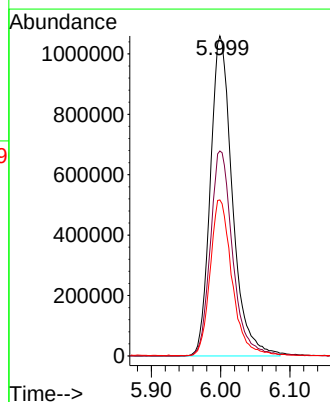
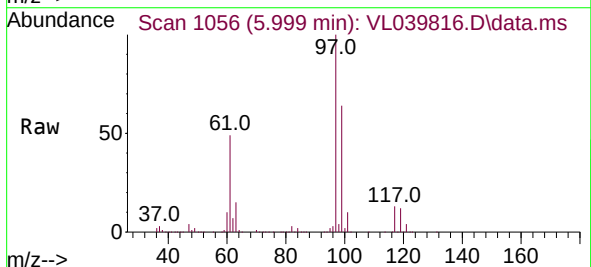
Manual Integrations
APPROVED

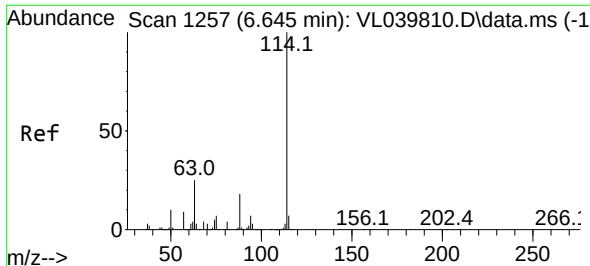
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#32
1,1,1-Trichloroethane
Concen: 17.080 ppbv
RT: 5.999 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 97 Resp: 2343384
Ion Ratio Lower Upper
97 100
99 65.2 52.7 79.1
61 48.7 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:114 Resp: 2776596

Ion Ratio Lower Upper

114 100

63 24.0 19.8 29.6

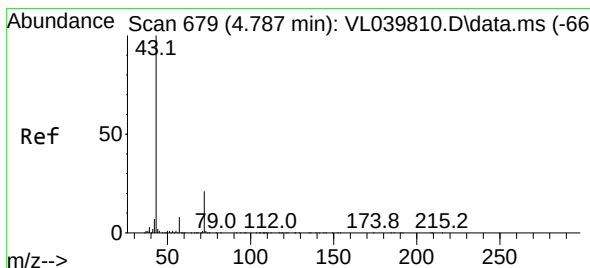
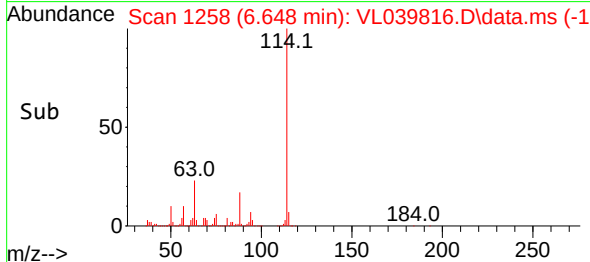
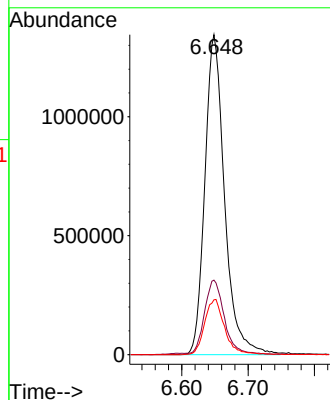
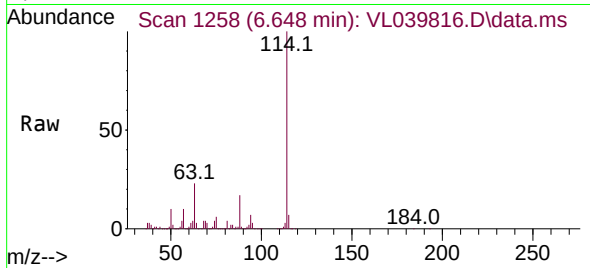
88 17.6 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#34

2-Butanone

Concen: 13.033 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.003 min

Lab File: VL039816.D

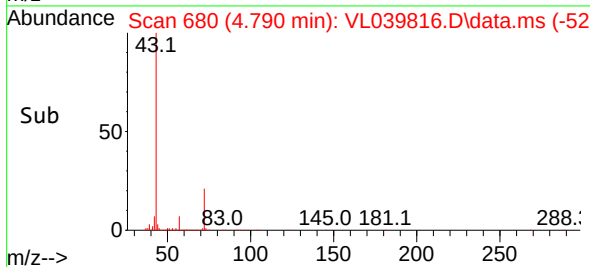
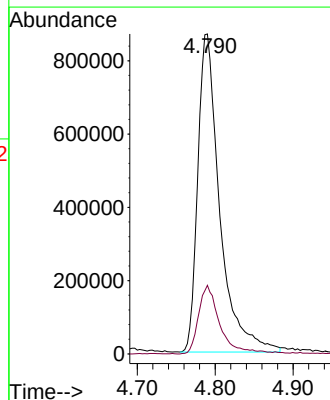
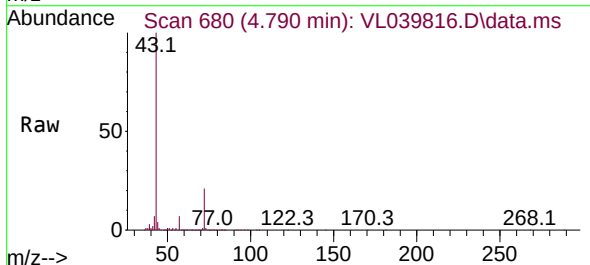
Acq: 2 Nov 2022 14:35

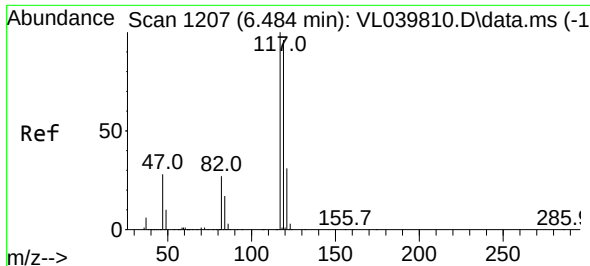
Tgt Ion: 43 Resp: 1702444

Ion Ratio Lower Upper

43 100

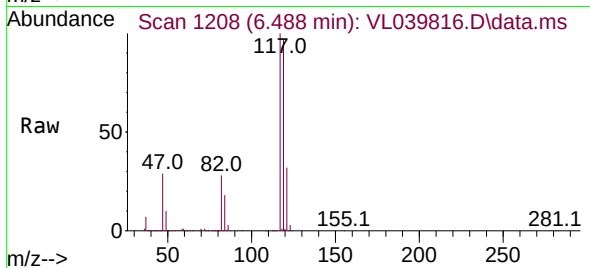
72 21.5 17.5 26.3





#35
Carbon Tetrachloride
Concen: 15.256 ppbv
RT: 6.488 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

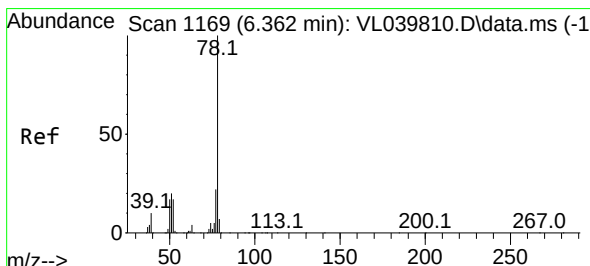
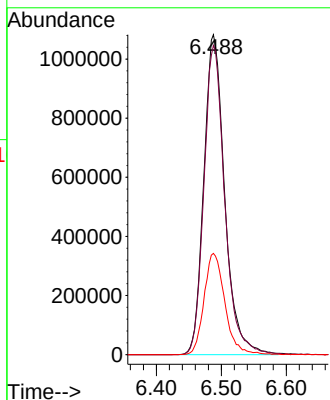
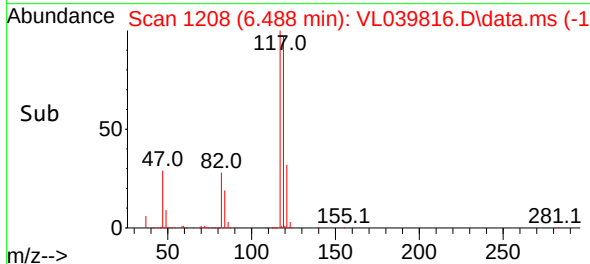
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion:117 Resp: 2415072
Ion Ratio Lower Upper
117 100
119 96.6 76.5 114.7
121 31.6 25.2 37.8

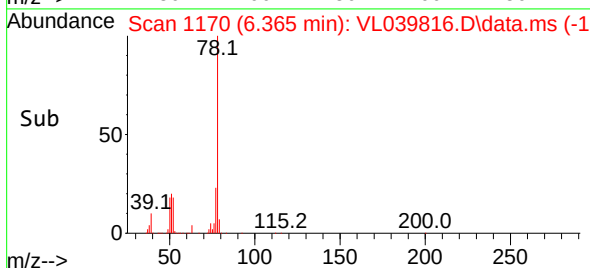
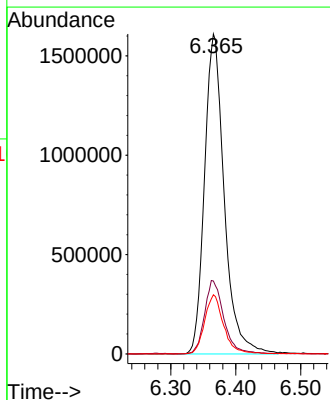
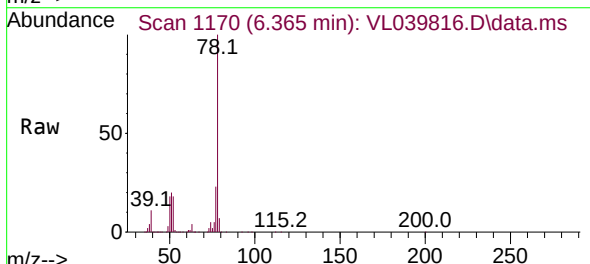
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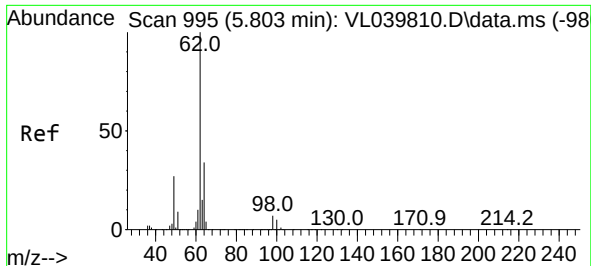
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#36
Benzene
Concen: 15.852 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 78 Resp: 3389737
Ion Ratio Lower Upper
78 100
77 22.7 17.4 26.2
50 18.4 13.9 20.9





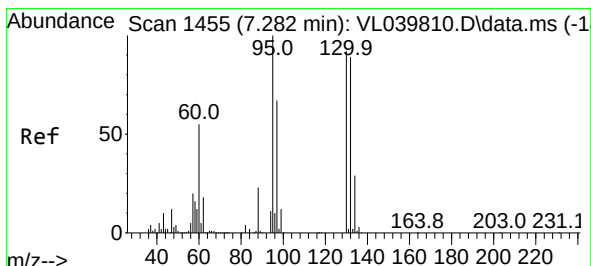
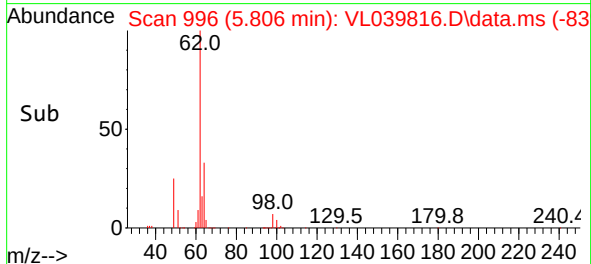
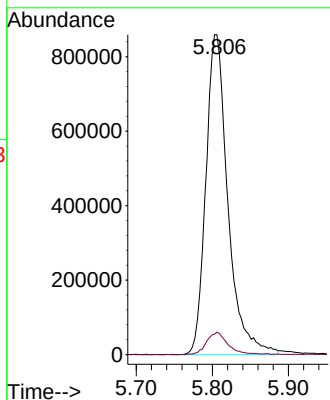
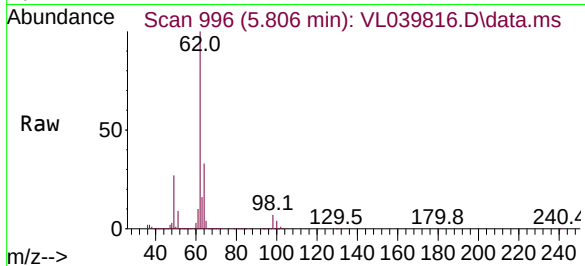
#37
1,2-Dichloroethane
Concen: 14.918 ppbv
RT: 5.806 min Scan# 995
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 62 Resp: 1732400
Ion Ratio Lower Upper
62 100
98 6.8 5.4 8.2

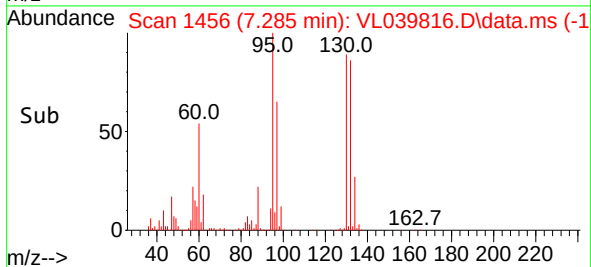
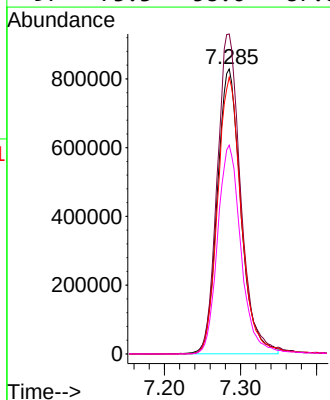
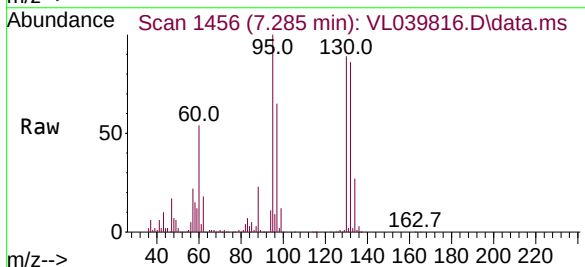
Manual Integrations
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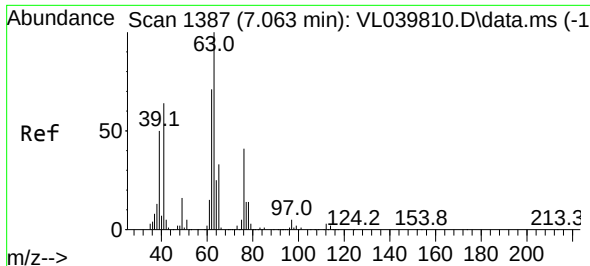
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#38
Trichloroethene
Concen: 14.762 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion:130 Resp: 1781975
Ion Ratio Lower Upper
130 100
95 112.4 87.4 131.2
132 97.2 77.7 116.5
97 73.3 58.6 87.8





#39

1,2-Dichloropropane

Concen: 15.840 ppbv

RT: 7.070 min Scan# 1387

Delta R.T. 0.007 min

Lab File: VL039816.D

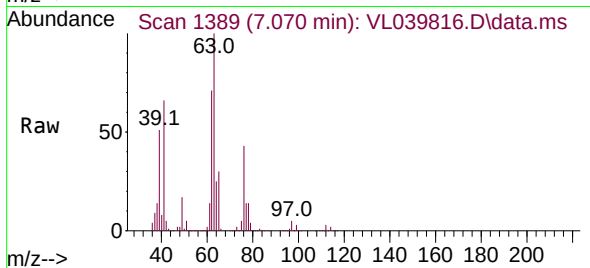
Acq: 2 Nov 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015



Tgt Ion: 63 Resp: 130490

Ion Ratio Lower Upper

63 100

41 66.1 51.0 76.4

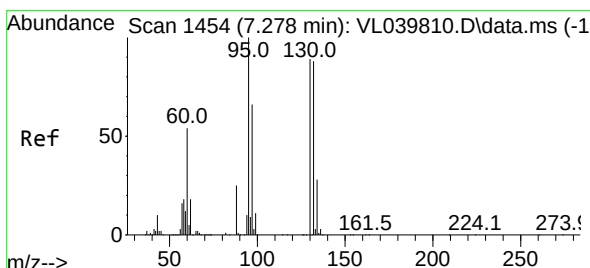
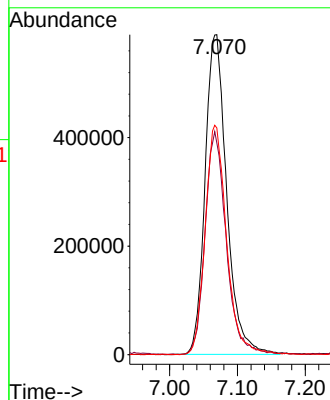
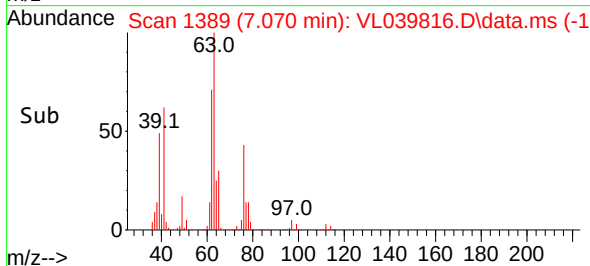
62 70.9 56.6 85.0

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: 18.311 ppbv m

RT: 7.275 min Scan# 1453

Delta R.T. -0.003 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

Tgt Ion: 88 Resp: 514153

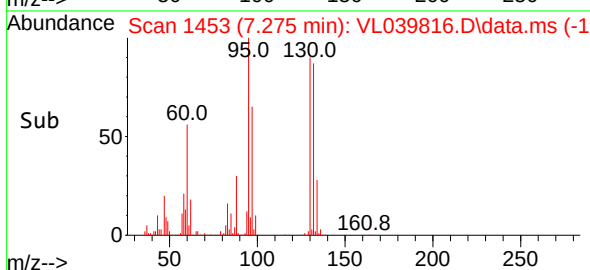
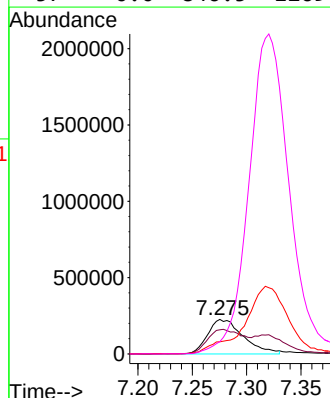
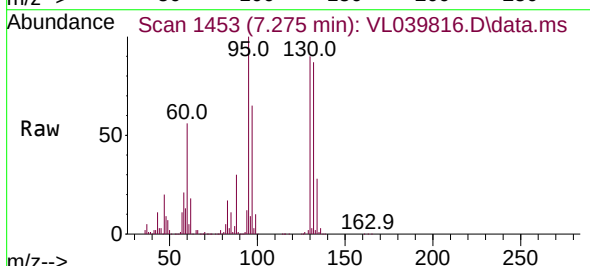
Ion Ratio Lower Upper

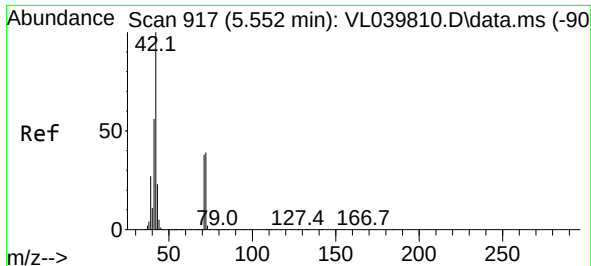
88 100

58 123.4 99.5 149.3

43 0.0 189.7 284.5#

57 0.0 846.5 1269.7#





#41

Tetrahydrofuran

Concen: 17.390 ppbv

RT: 5.555 min Scan# 917

Delta R.T. 0.003 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 42 Resp: 1411348

Ion Ratio Lower Upper

42 100

72 39.3 31.4 47.2

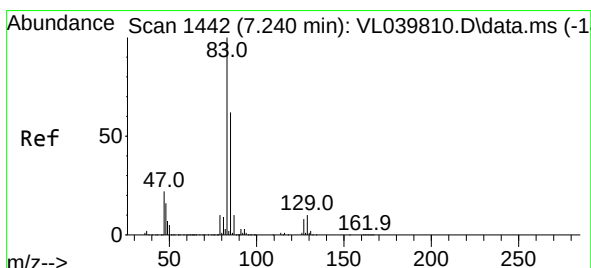
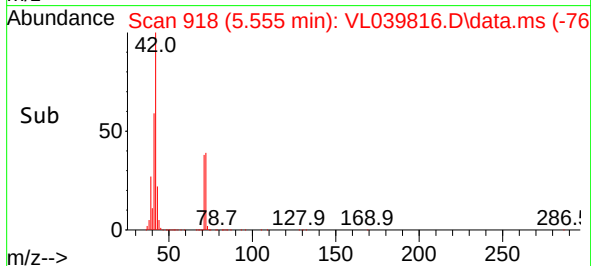
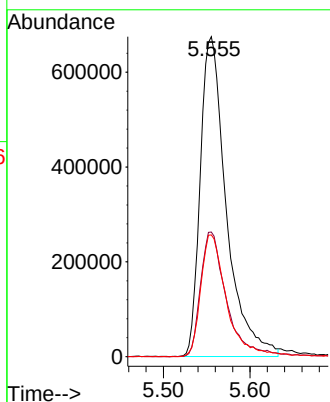
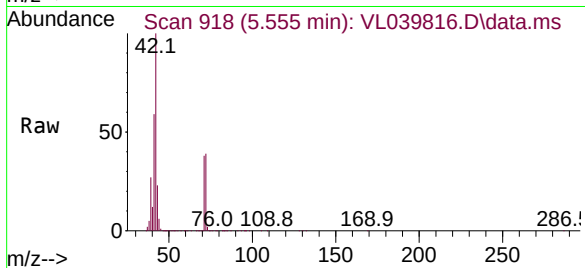
71 38.4 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#42

Bromodichloromethane

Concen: 15.951 ppbv

RT: 7.240 min Scan# 1442

Delta R.T. 0.000 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

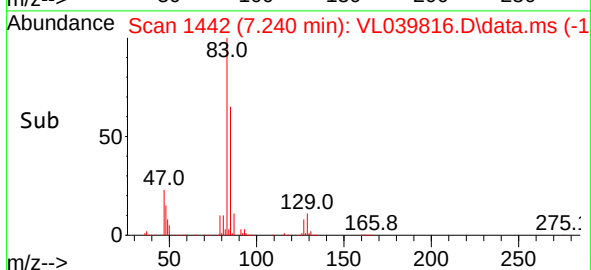
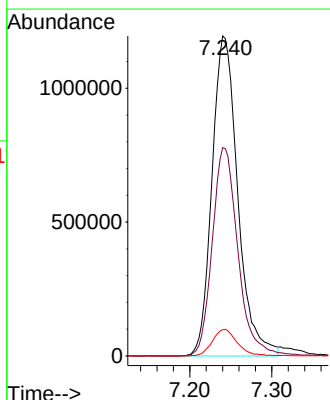
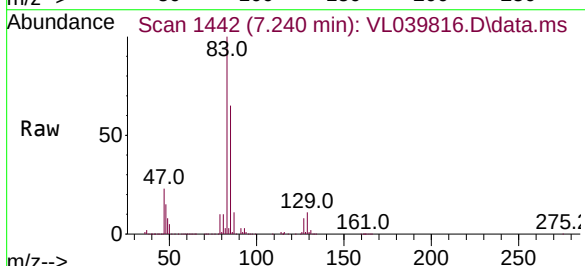
Tgt Ion: 83 Resp: 2608693

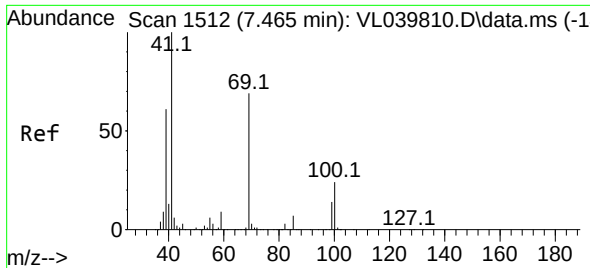
Ion Ratio Lower Upper

83 100

85 65.1 49.9 74.9

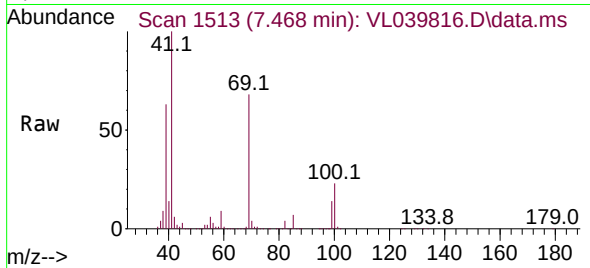
127 8.2 6.4 9.6





#43
Methyl Methacrylate
Concen: 18.534 ppbv
RT: 7.468 min Scan# 1512
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

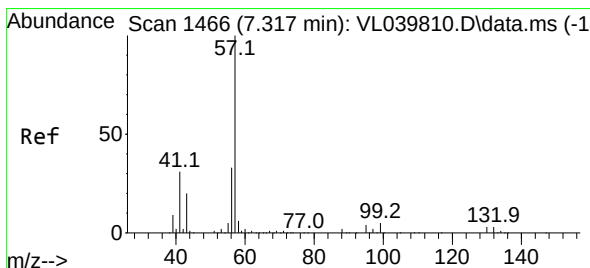
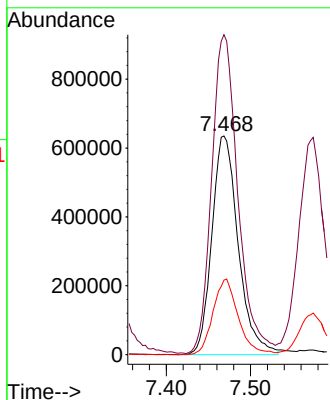
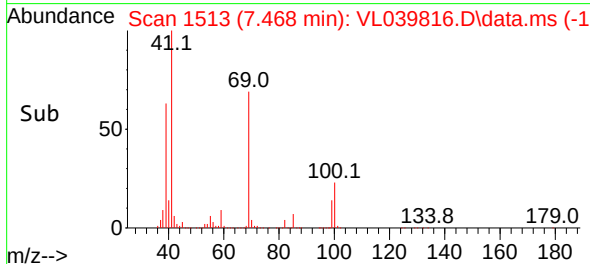
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015



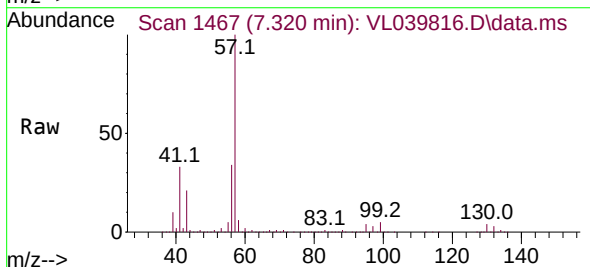
Tgt Ion: 69 Resp: 1380152
Ion Ratio Lower Upper
69 100
41 145.5 115.7 173.5
100 33.2 25.9 38.9

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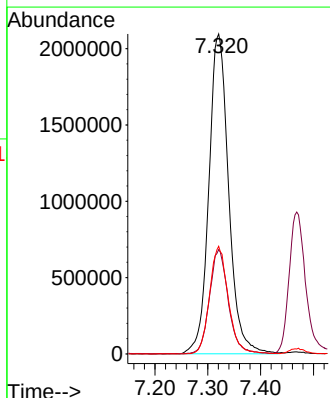
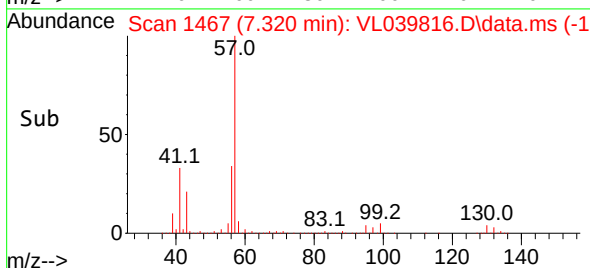
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

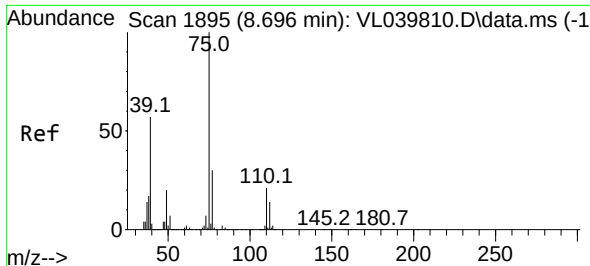


#44
2,2,4-Trimethylpentane
Concen: 15.241 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35



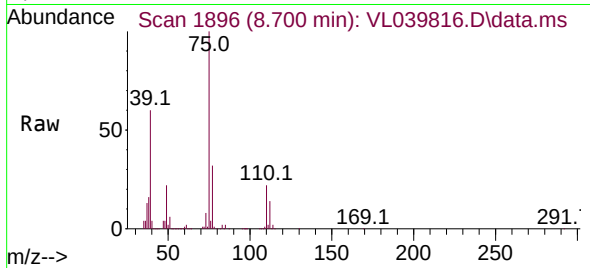
Tgt Ion: 57 Resp: 5448506
Ion Ratio Lower Upper
57 100
41 31.0 24.6 36.8
56 31.9 25.4 38.0





#45
t-1,3-Dichloropropene
Concen: 22.998 ppbv
RT: 8.700 min Scan# 1895
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

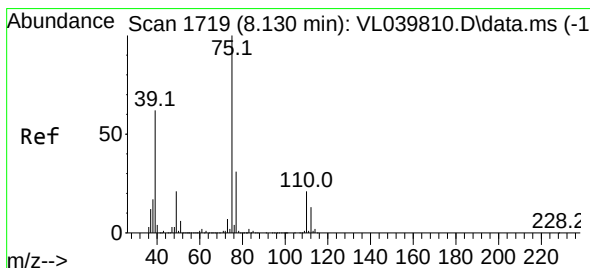
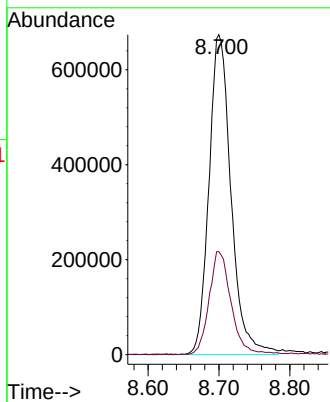
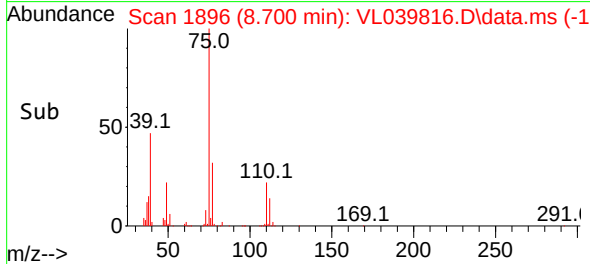
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 75 Resp: 1454948
Ion Ratio Lower Upper
75 100
77 32.2 24.4 36.6

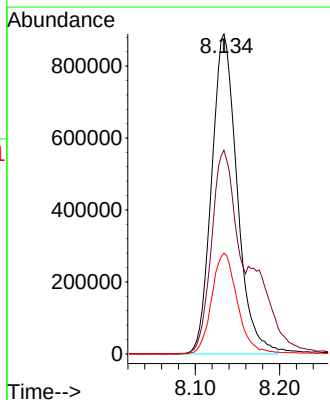
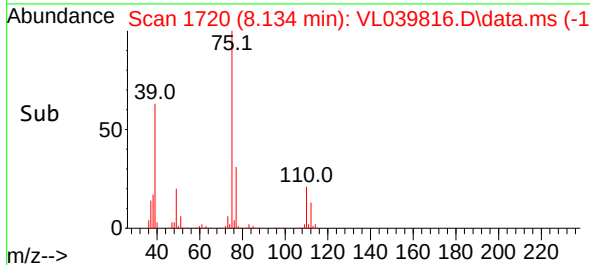
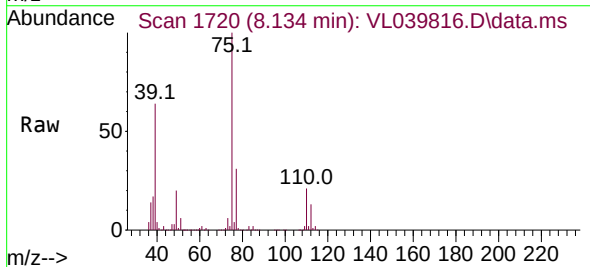
Manual Integrations
APPROVED

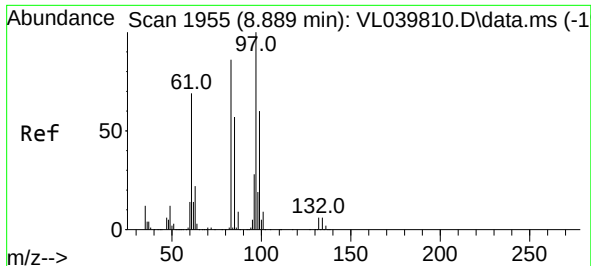
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#46
cis-1,3-Dichloropropene
Concen: 20.604 ppbv
RT: 8.134 min Scan# 1720
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

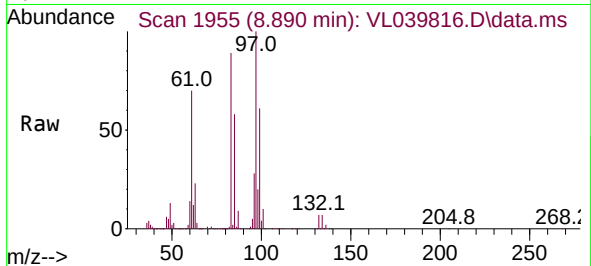
Tgt Ion: 75 Resp: 1870487
Ion Ratio Lower Upper
75 100
39 63.6 50.0 75.0
77 31.5 25.1 37.7





#47
1,1,2-Trichloroethane
Concen: 15.267 ppbv
RT: 8.890 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

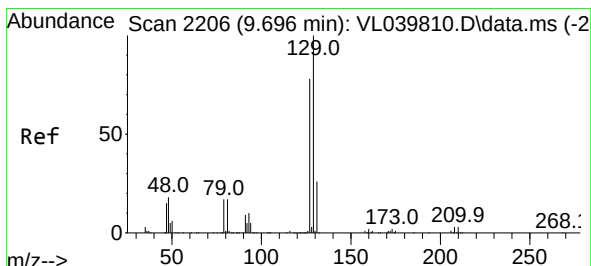
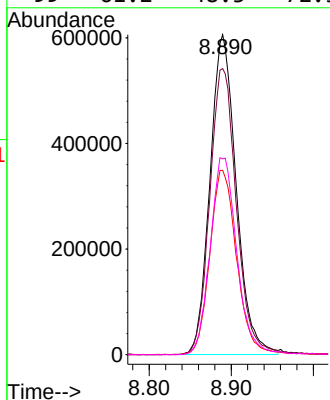
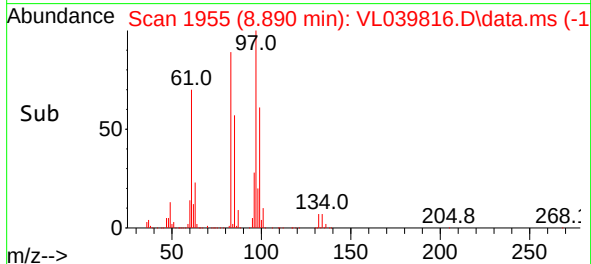
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



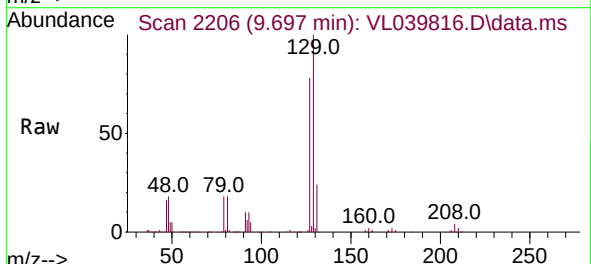
Tgt Ion: 97 Resp: 1346595
Ion Ratio Lower Upper
97 100
83 89.4 68.8 103.2
85 57.5 45.8 68.6
99 61.2 48.3 72.5

Manual Integrations
APPROVED

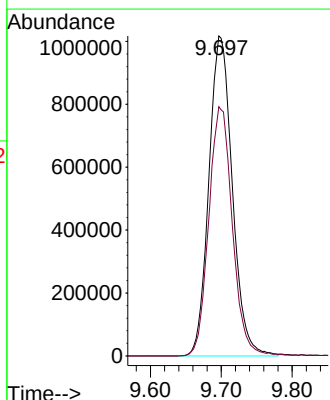
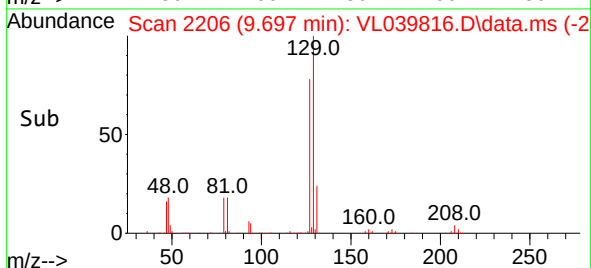
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

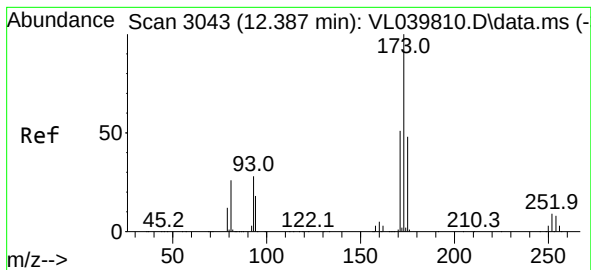


#48
Dibromochloromethane
Concen: 16.465 ppbv
RT: 9.697 min Scan# 2206
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35



Tgt Ion:129 Resp: 2337977
Ion Ratio Lower Upper
129 100
127 78.6 39.4 118.1





#49

Bromoform

Concen: 16.313 ppbv

RT: 12.394 min Scan# 3043

Delta R.T. 0.007 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion:173 Resp: 1886674

Ion Ratio Lower Upper

173 100

175 49.3 39.7 59.5

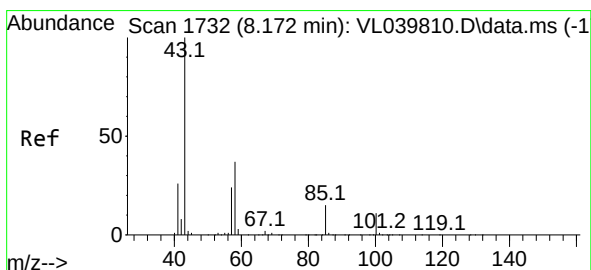
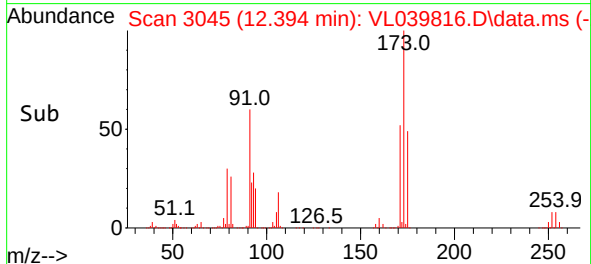
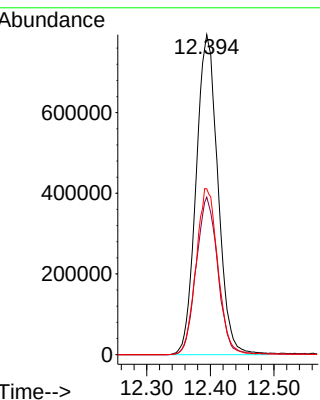
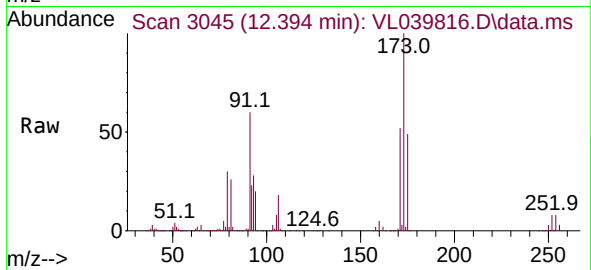
171 52.3 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#50

4-Methyl-2-Pentanone

Concen: 16.775 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VL039816.D

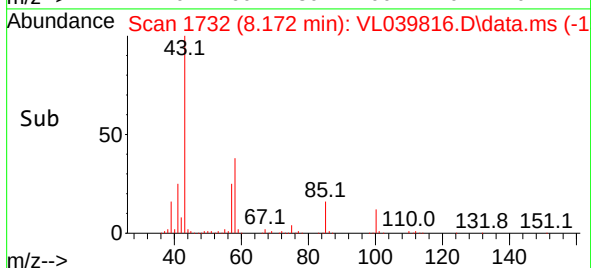
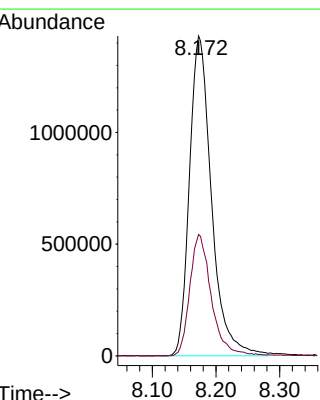
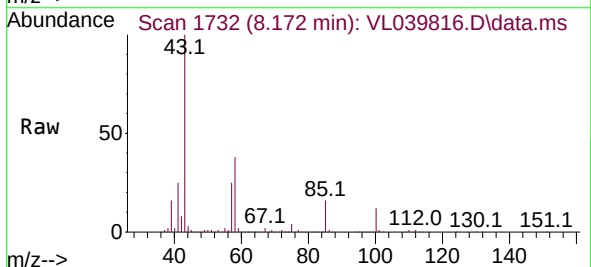
Acq: 2 Nov 2022 14:35

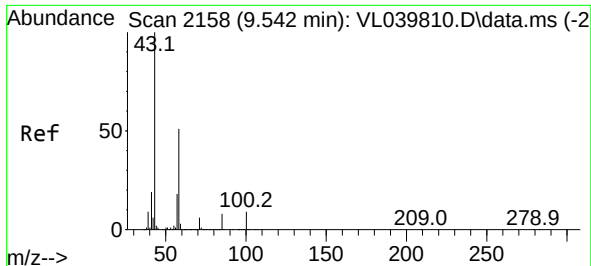
Tgt Ion: 43 Resp: 3438019

Ion Ratio Lower Upper

43 100

58 37.5 29.8 44.6





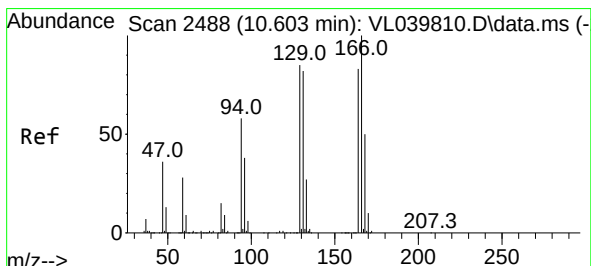
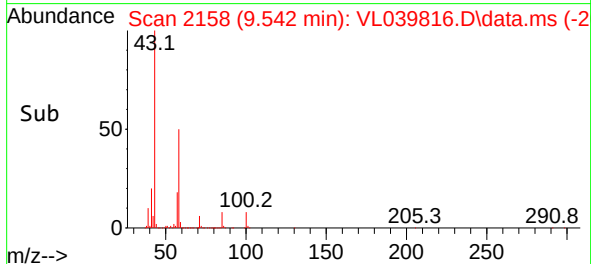
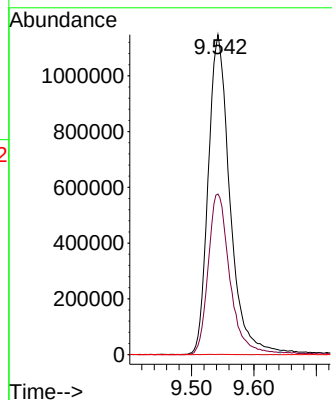
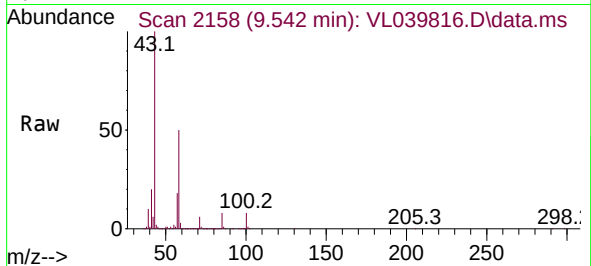
#51
2-Hexanone
Concen: 18.454 ppbv
RT: 9.542 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 276887
Ion Ratio Lower Upper
43 100
58 51.0 40.5 60.7
98 0.1 0.1 0.1

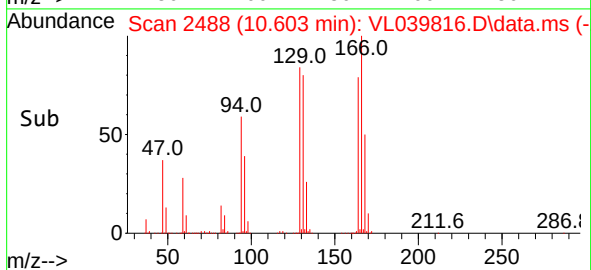
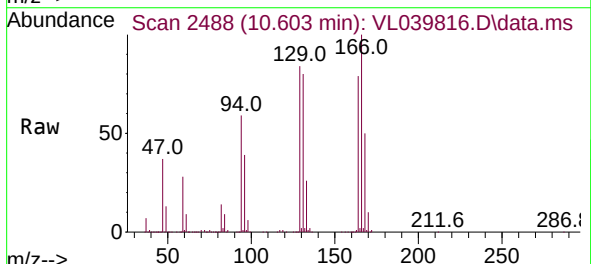
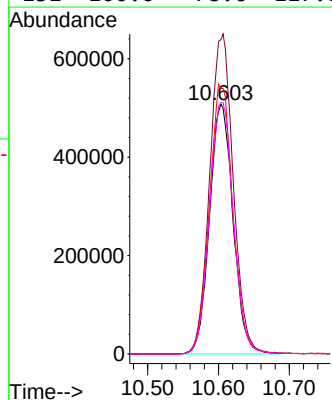
Manual Integrations
APPROVED

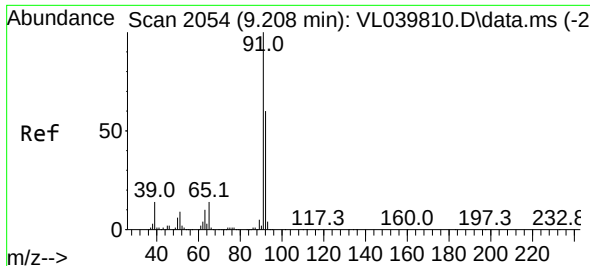
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#52
Tetrachloroethene
Concen: 14.552 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

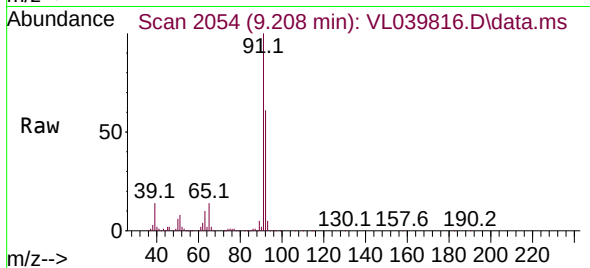
Tgt Ion:164 Resp: 1165654
Ion Ratio Lower Upper
164 100
166 125.9 96.0 144.0
129 106.3 81.4 122.2
131 100.6 78.6 117.8





#53
Toluene
Concen: 17.128 ppbv
RT: 9.208 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

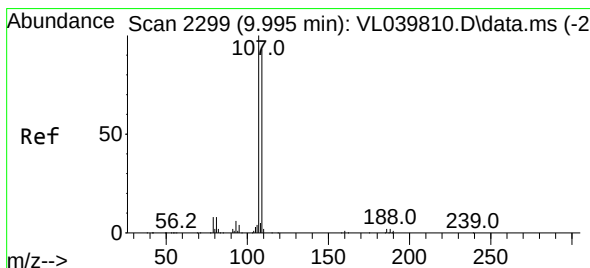
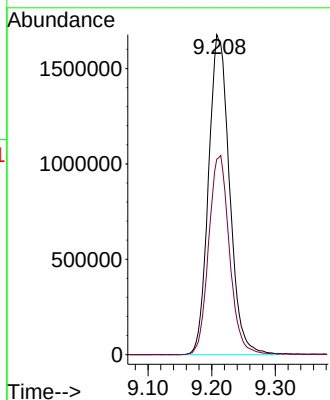
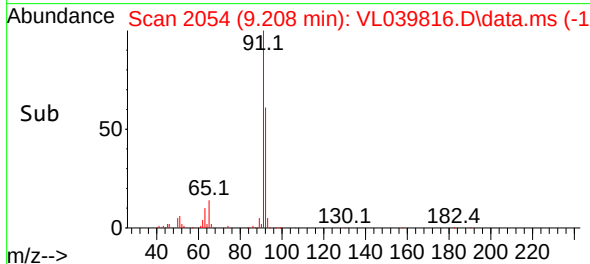
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



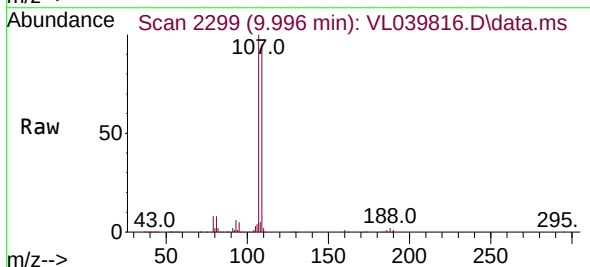
Tgt Ion: 91 Resp: 3837205
Ion Ratio Lower Upper
91 100
92 61.8 49.6 74.4

Manual Integrations
APPROVED

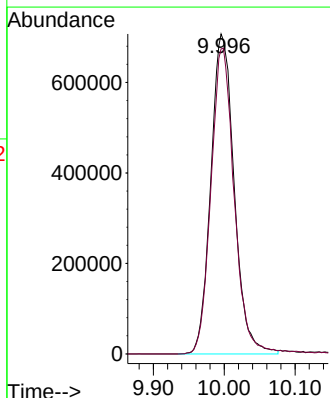
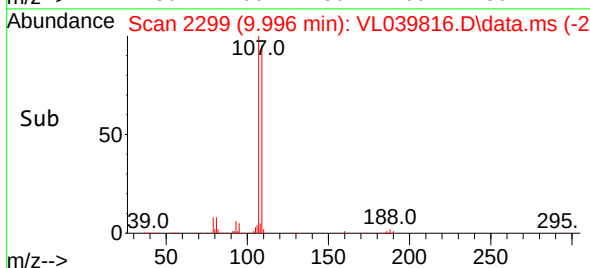
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

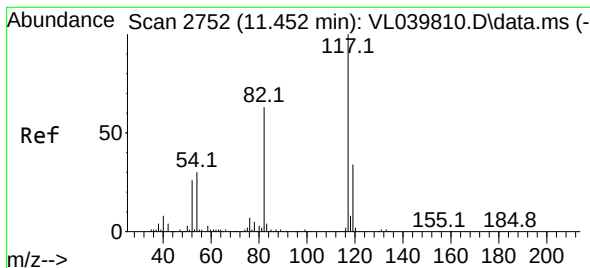


#54
1,2-Dibromoethane
Concen: 18.055 ppbv
RT: 9.996 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35



Tgt Ion:107 Resp: 1616645
Ion Ratio Lower Upper
107 100
109 95.3 74.5 111.7





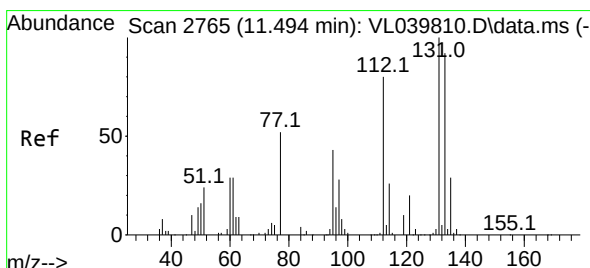
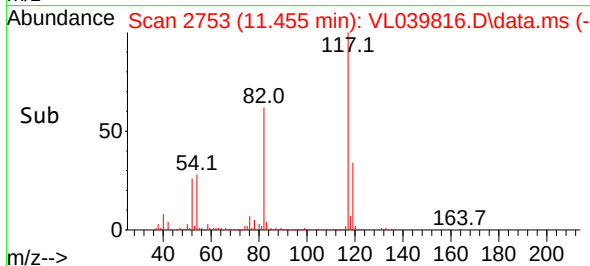
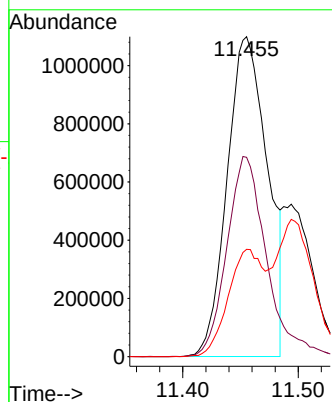
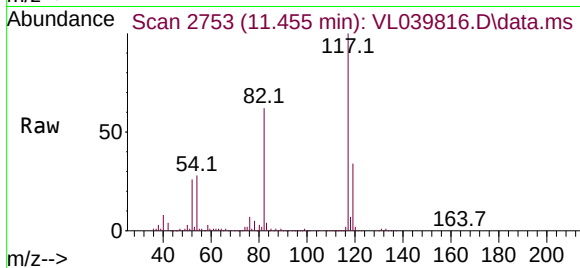
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 2752
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:117 Resp: 2667003
Ion Ratio Lower Upper
117 100
82 62.0 51.0 76.6
119 32.9 24.7 37.1

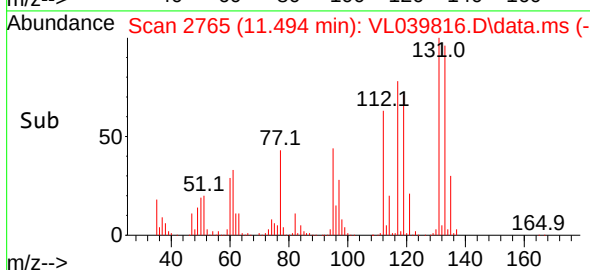
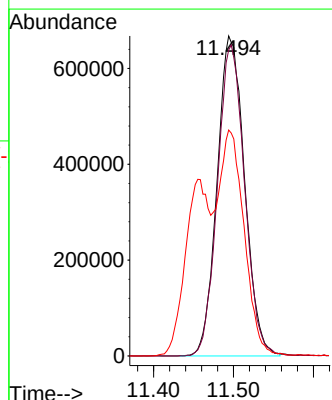
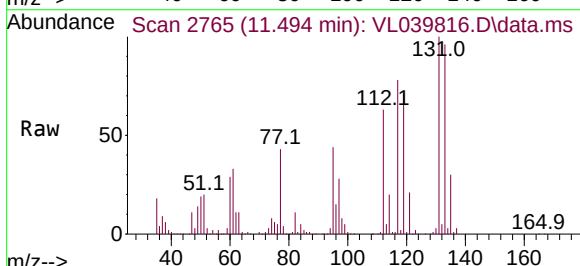
Manual Integrations
APPROVED

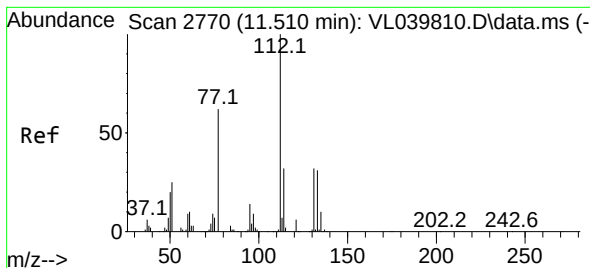
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 14.117 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

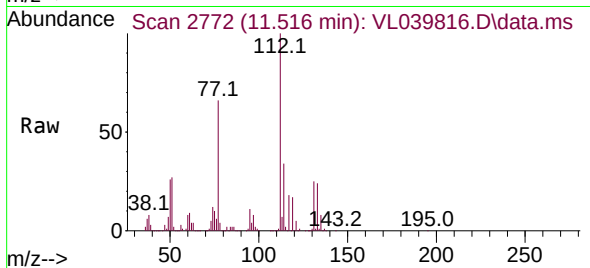
Tgt Ion:131 Resp: 1593141
Ion Ratio Lower Upper
131 100
133 96.1 76.9 115.3
119 61.6 52.2 78.2





#57
Chlorobenzene
Concen: 13.742 ppbv
RT: 11.516 min Scan# 211
Delta R.T. 0.007 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

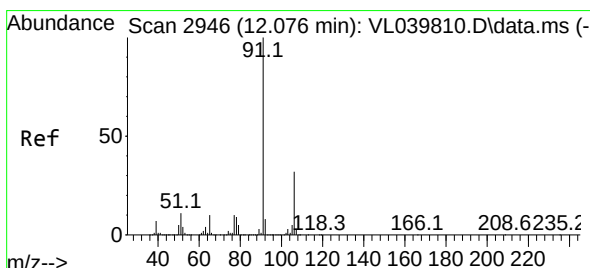
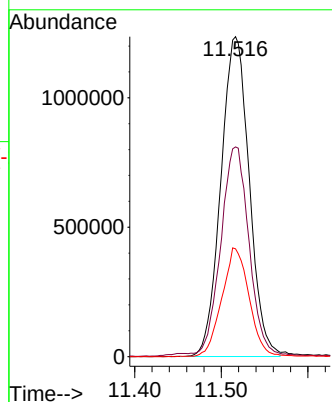
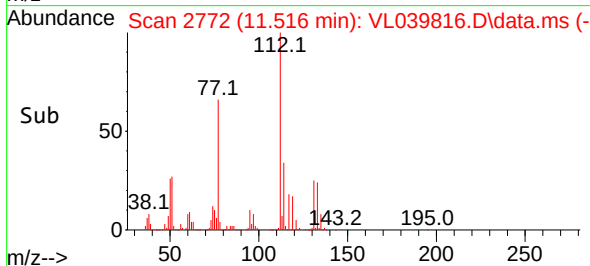
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



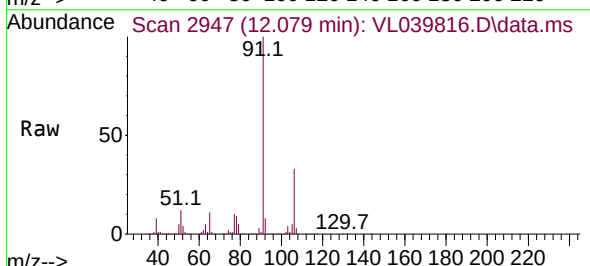
Tgt Ion:112 Resp: 2811427
Ion Ratio Lower Upper
112 100
77 64.6 49.8 74.6
114 33.6 29.0 35.4

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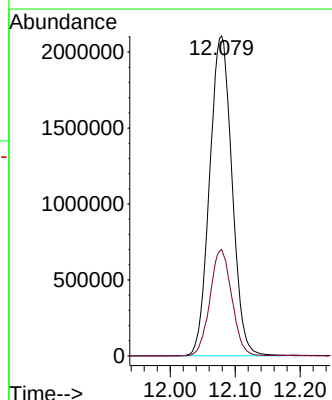
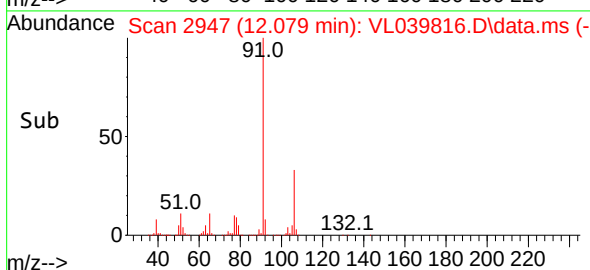
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

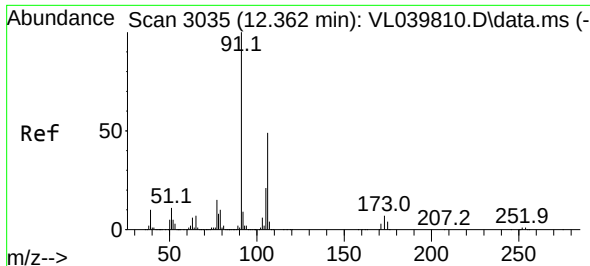


#58
Ethyl Benzene
Concen: 16.633 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35



Tgt Ion: 91 Resp: 5053450
Ion Ratio Lower Upper
91 100
106 33.3 25.9 38.9





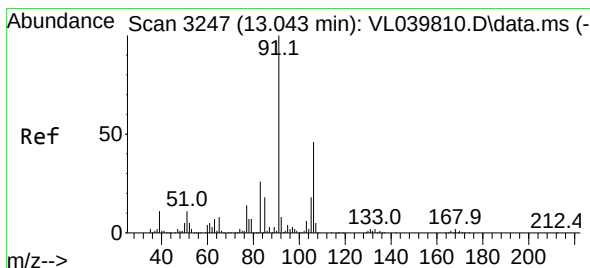
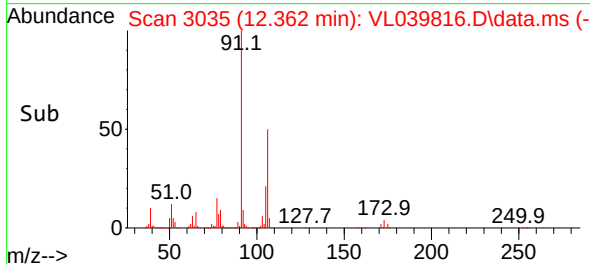
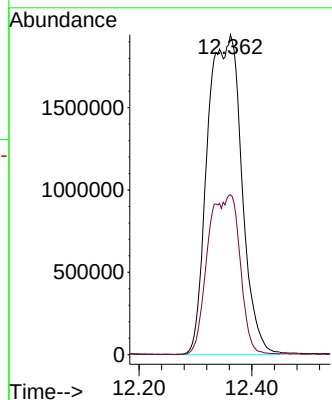
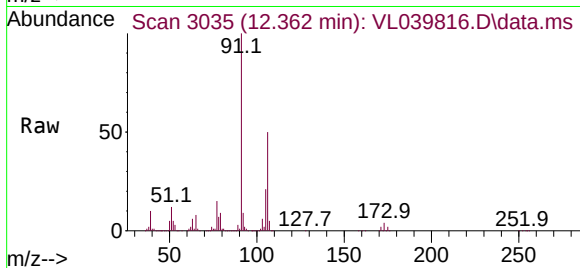
#59
m/p-Xylene
Concen: 29.715 ppbv m
RT: 12.362 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 91 Resp: 8148820
Ion Ratio Lower Upper
91 100
106 47.3 37.6 56.4

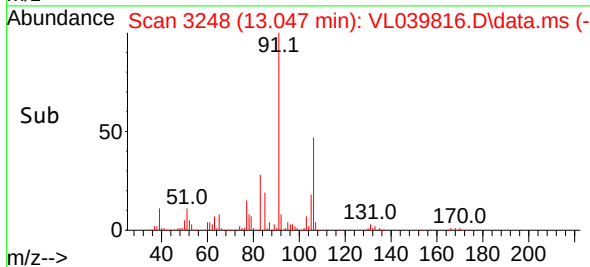
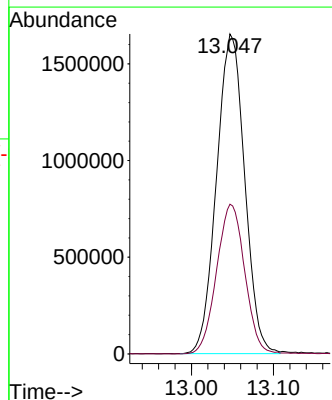
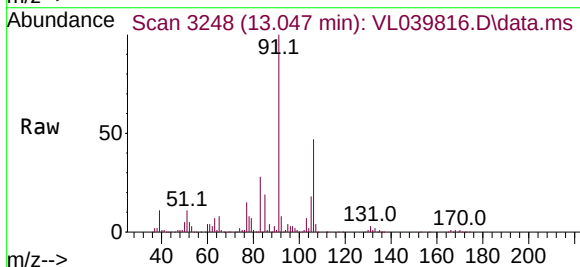
Manual Integrations
APPROVED

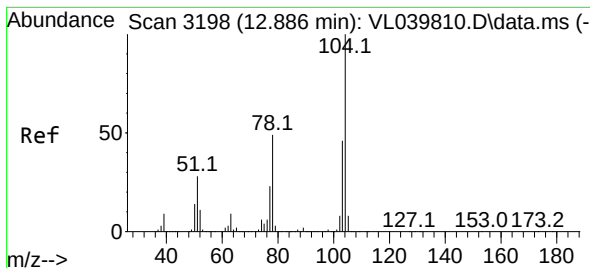
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#60
o-Xylene
Concen: 15.309 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Tgt Ion: 91 Resp: 3936374
Ion Ratio Lower Upper
91 100
106 47.0 23.6 70.8





#61

Styrene

Concen: 19.384 ppbv

RT: 12.886 min Scan# 3198

Delta R.T. 0.000 min

Lab File: VL039816.D

Acq: 2 Nov 2022 14:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:104 Resp: 2617710

Ion Ratio Lower Upper

104 100

78 49.7 40.2 60.2

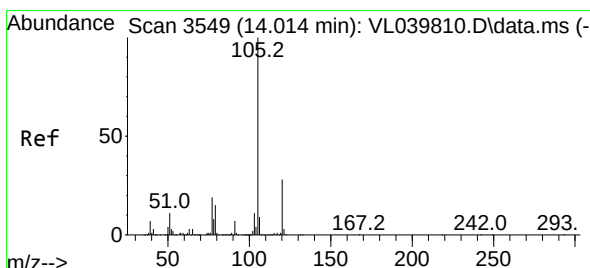
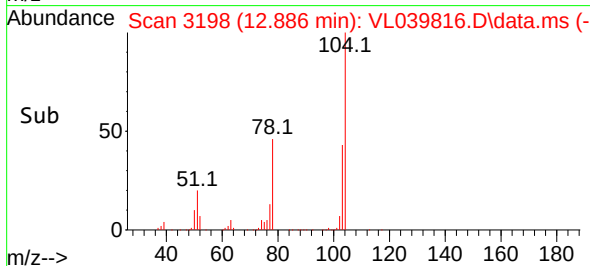
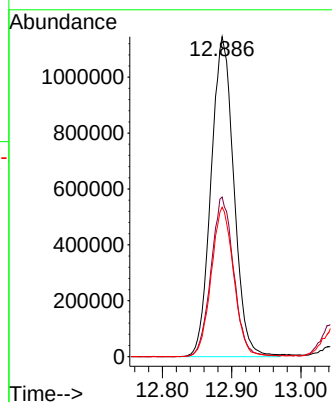
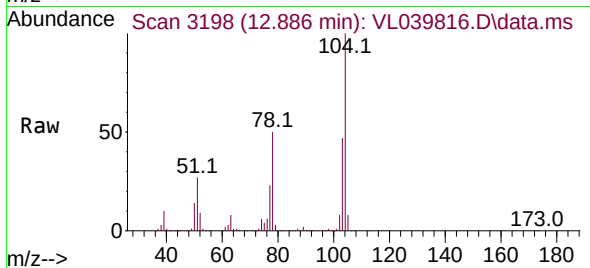
103 46.1 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#62

Isopropylbenzene

Concen: 14.329 ppbv

RT: 14.018 min Scan# 3550

Delta R.T. 0.003 min

Lab File: VL039816.D

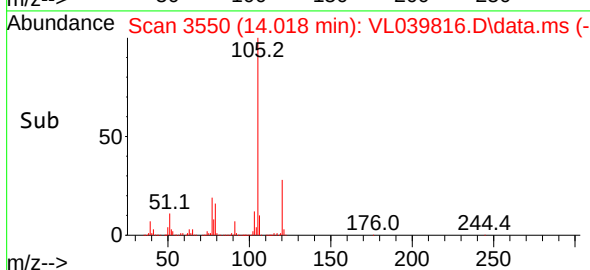
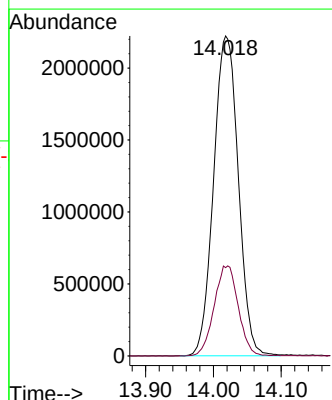
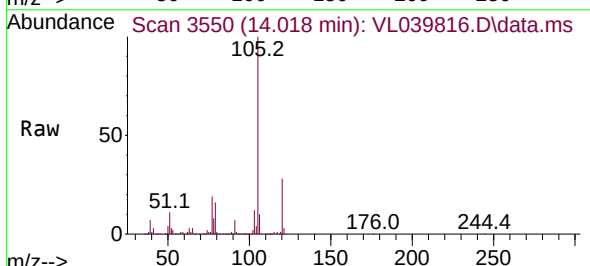
Acq: 2 Nov 2022 14:35

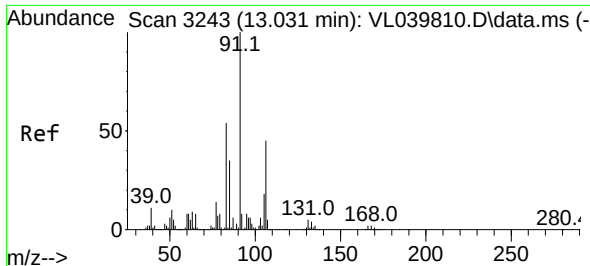
Tgt Ion:105 Resp: 5628888

Ion Ratio Lower Upper

105 100

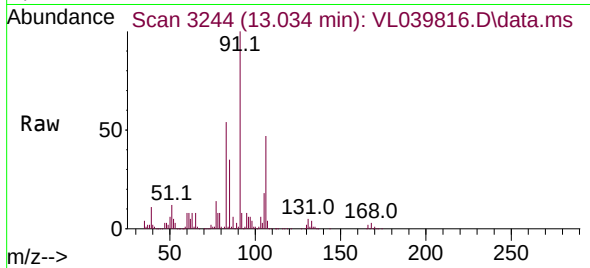
120 27.5 21.7 32.5





#63
1,1,2,2-Tetrachloroethane
Concen: 13.244 ppbv
RT: 13.034 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

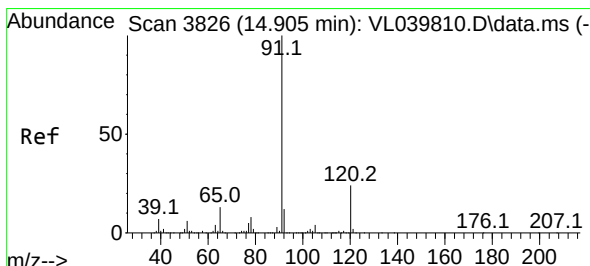
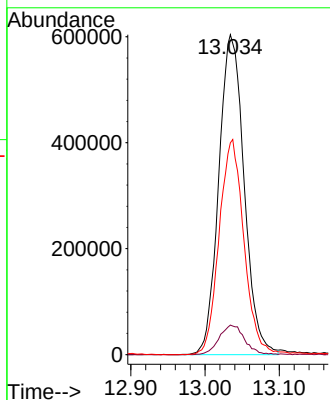
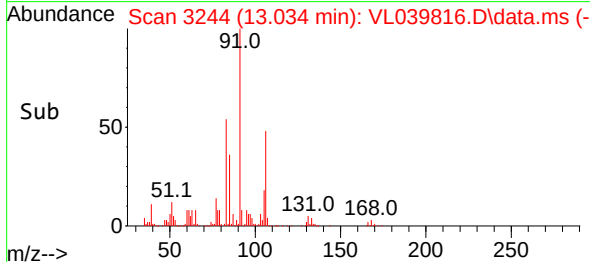
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



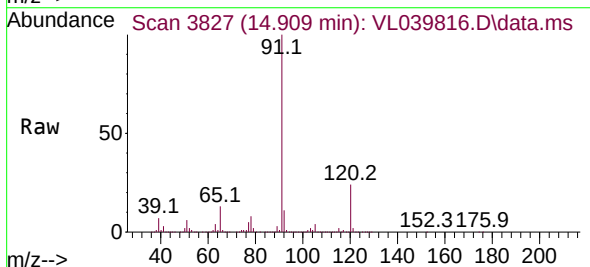
Tgt Ion: 83 Resp: 1432356
Ion Ratio Lower Upper
83 100
131 9.3 4.6 13.8
85 66.2 33.3 99.9

Manual Integrations
APPROVED

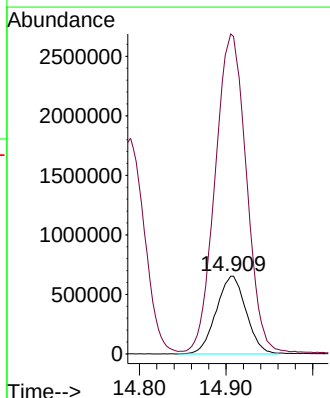
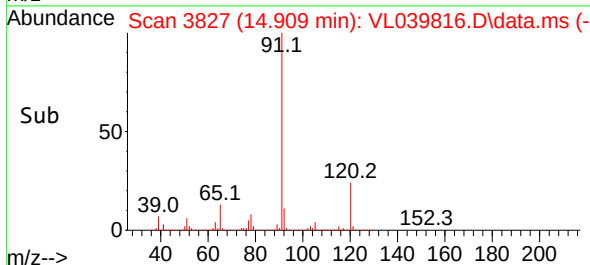
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

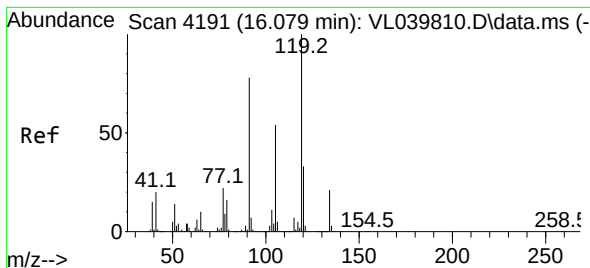


#64
n-propylbenzene
Concen: 15.678 ppbv
RT: 14.909 min Scan# 3827
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35



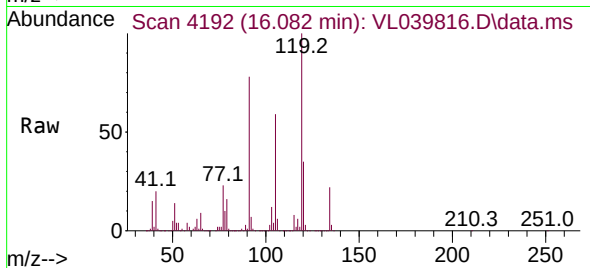
Tgt Ion:120 Resp: 1559569
Ion Ratio Lower Upper
120 100
91 436.2 354.9 532.3





#65
tert-Butylbenzene
Concen: 14.048 ppbv
RT: 16.082 min Scan# 4191
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

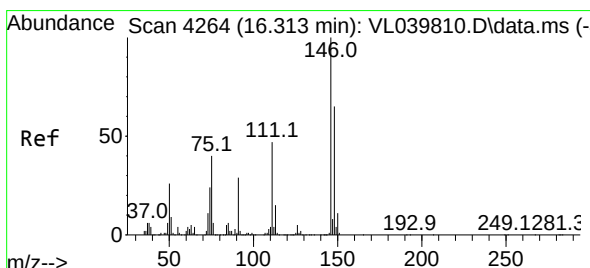
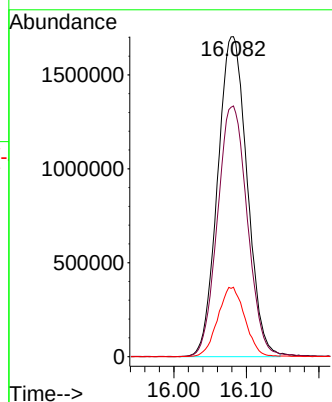
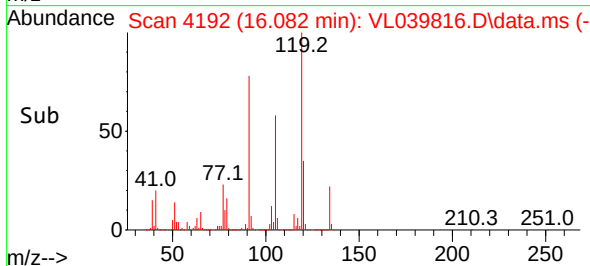
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



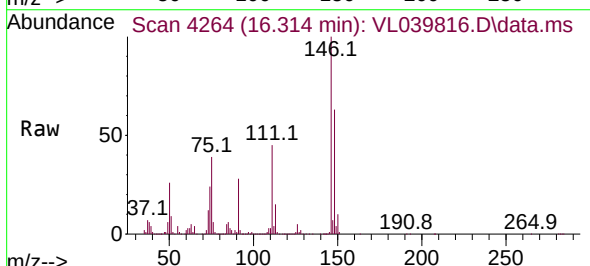
Tgt Ion:119 Resp: 480884
Ion Ratio Lower Upper
119 100
91 79.4 63.7 95.5
134 20.1 16.2 24.4

Manual Integrations
APPROVED

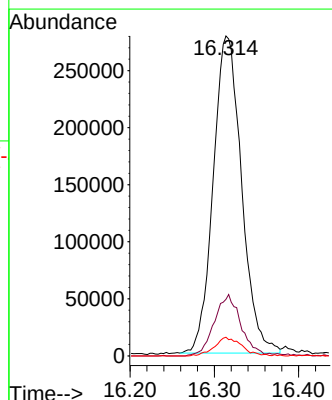
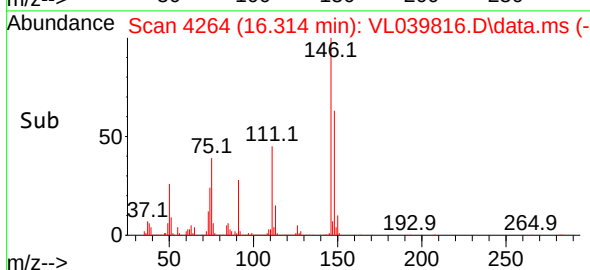
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

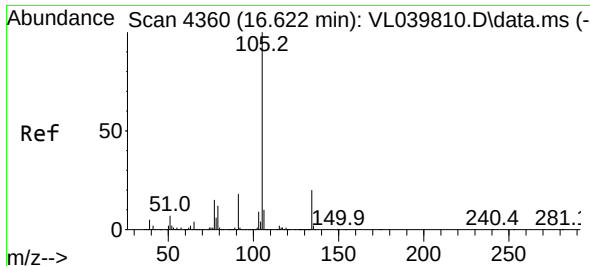


#66
Benzyl Chloride
Concen: 26.759 ppbv
RT: 16.314 min Scan# 4264
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35



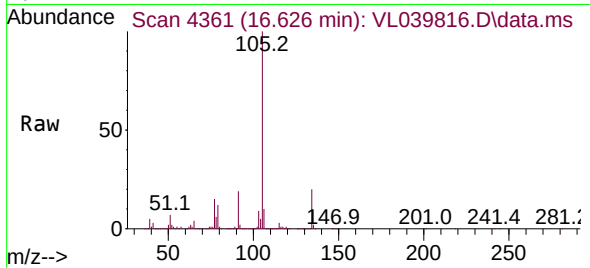
Tgt Ion: 91 Resp: 649768
Ion Ratio Lower Upper
91 100
126 18.6 15.6 23.4
128 5.7 4.9 7.3





#67
 sec-Butylbenzene
 Concen: 13.904 ppbv
 RT: 16.626 min Scan# 4360
 Delta R.T. 0.003 min
 Lab File: VL039816.D
 Acq: 2 Nov 2022 14:35

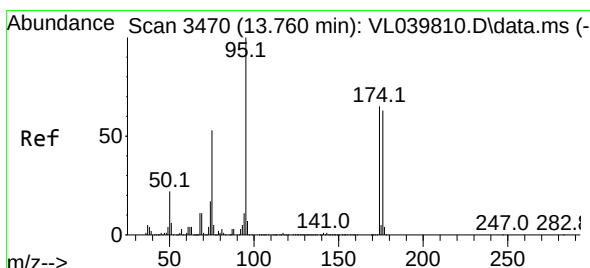
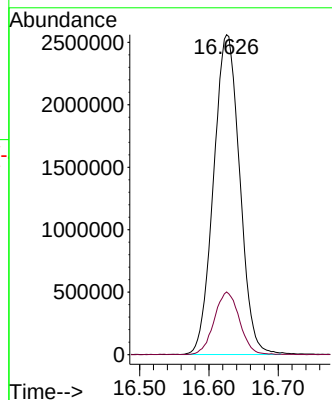
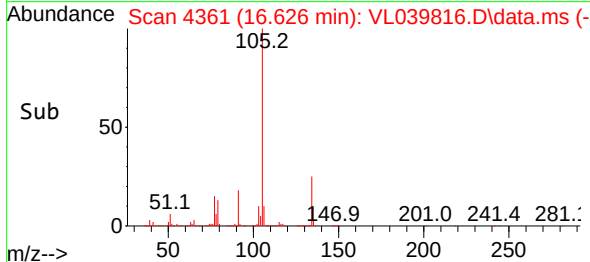
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion:105 Resp: 6703972
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.1 22.7

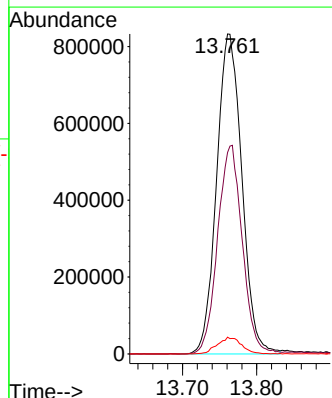
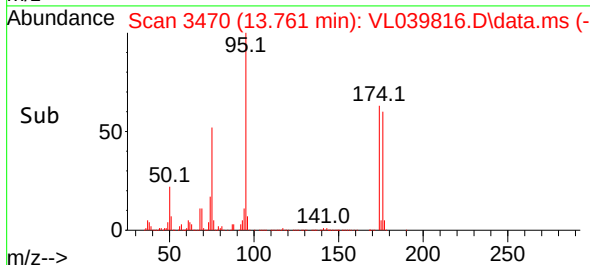
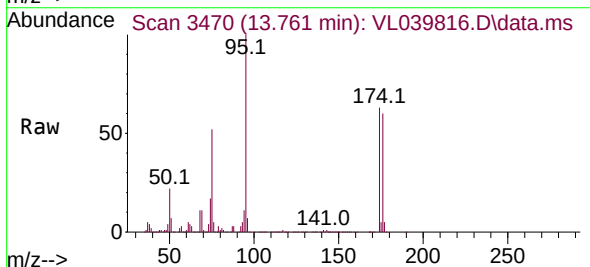
Manual Integrations
 APPROVED

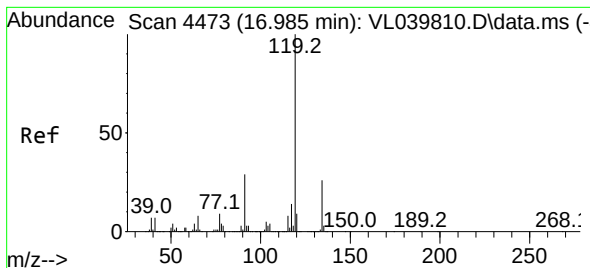
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.369 ppbv
 RT: 13.761 min Scan# 3470
 Delta R.T. 0.000 min
 Lab File: VL039816.D
 Acq: 2 Nov 2022 14:35

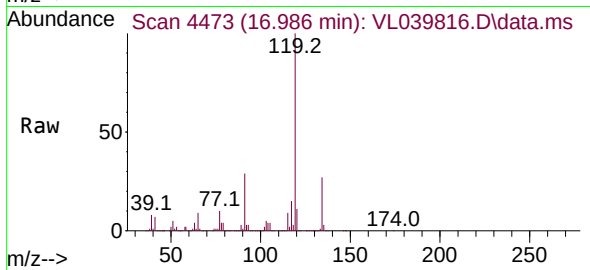
Tgt Ion: 95 Resp: 1967234
 Ion Ratio Lower Upper
 95 100
 174 64.7 53.4 80.0
 175 5.0 4.1 6.1





#69
p-Isopropyltoluene
Concen: 14.206 ppbv
RT: 16.986 min Scan# 4473
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

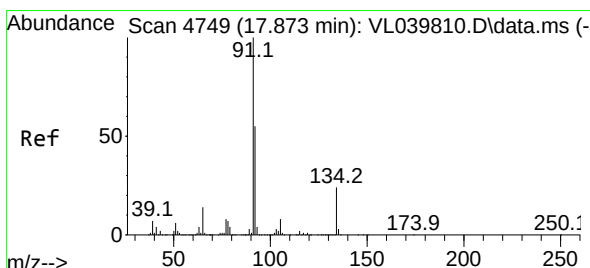
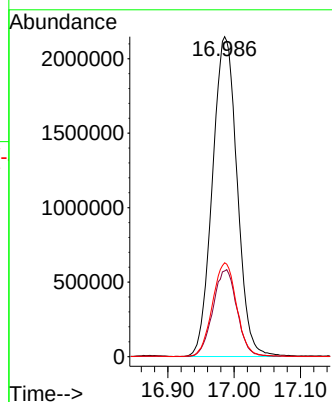
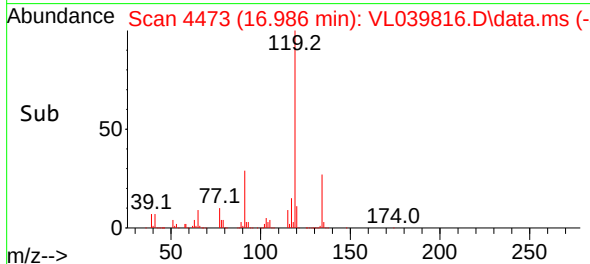
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



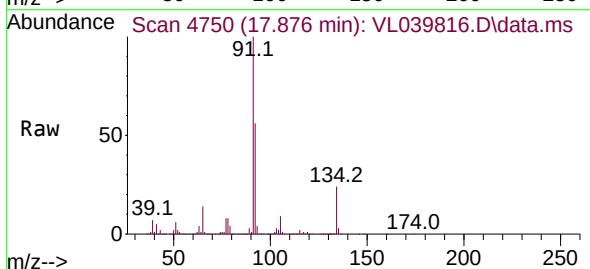
Tgt Ion:119 Resp: 5541121
Ion Ratio Lower Upper
119 100
134 26.6 21.0 31.6
91 28.9 22.8 34.2

Manual Integrations
APPROVED

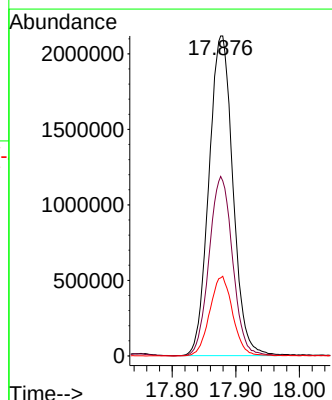
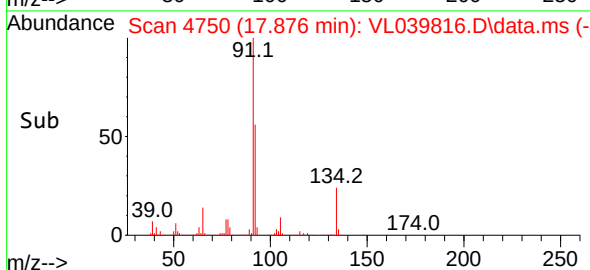
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

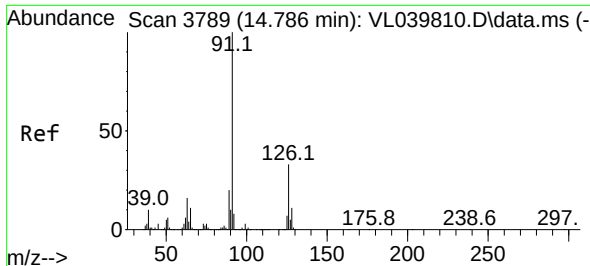


#70
n-Butylbenzene
Concen: 14.867 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35



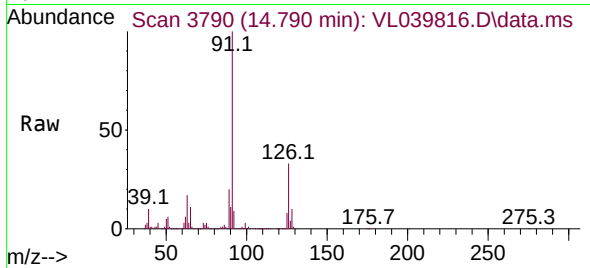
Tgt Ion: 91 Resp: 5545067
Ion Ratio Lower Upper
91 100
92 55.2 44.1 66.1
134 23.9 19.0 28.6





#71
2-Chlorotoluene
Concen: 15.734 ppbv
RT: 14.790 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

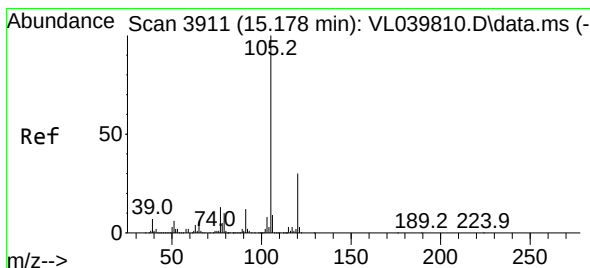
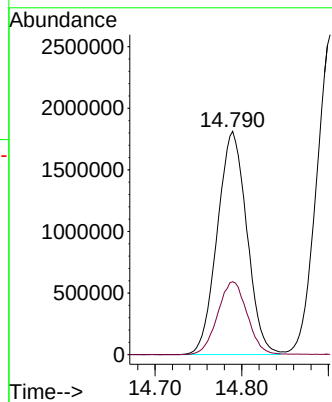
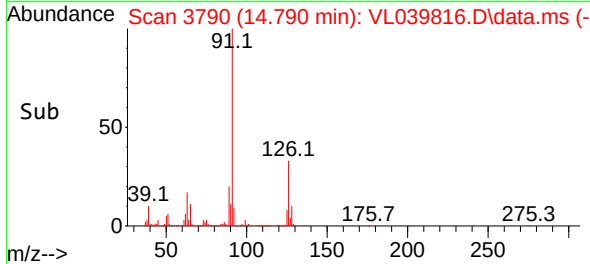
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



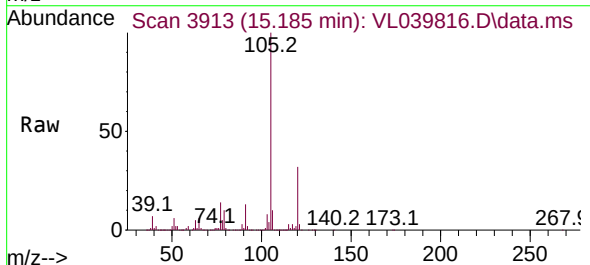
Tgt Ion: 91 Resp: 429290
Ion Ratio Lower Upper
91 100
126 32.8 12.9 51.5

Manual Integrations
APPROVED

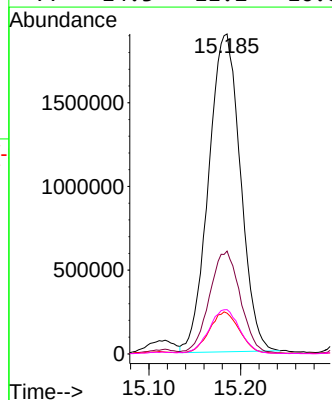
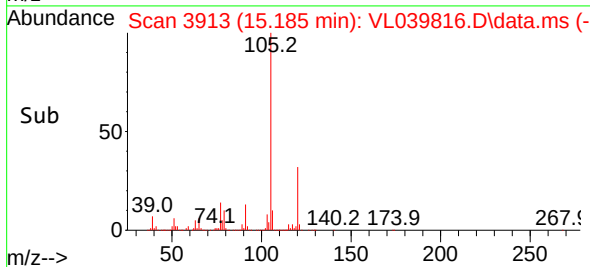
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

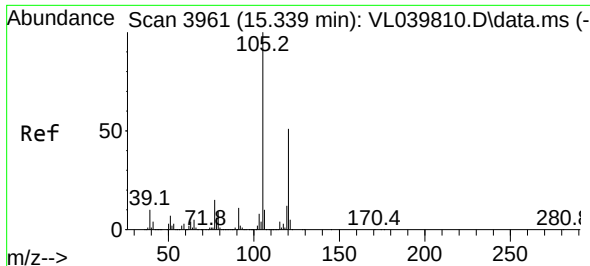


#72
4-Ethyltoluene
Concen: 15.440 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. 0.007 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35



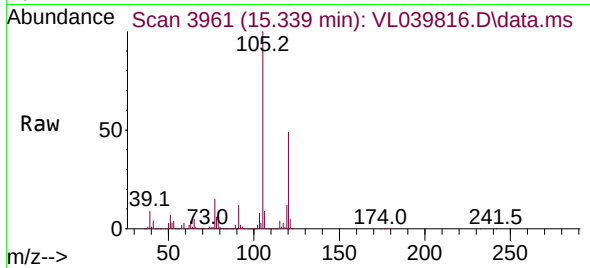
Tgt Ion:105 Resp: 4573232
Ion Ratio Lower Upper
105 100
120 31.6 26.0 39.0
91 12.5 10.5 15.7
77 14.3 11.2 16.8





#73
1,3,5-Trimethylbenzene
Concen: 15.282 ppbv
RT: 15.339 min Scan# 3961
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

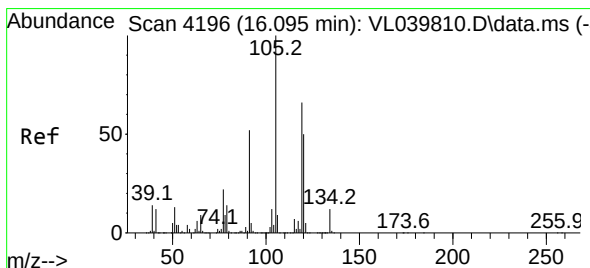
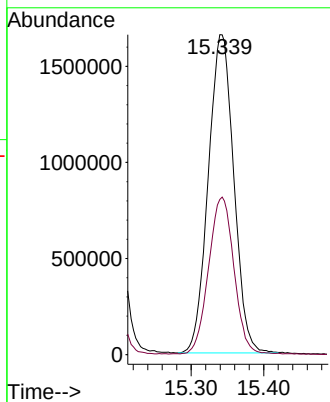
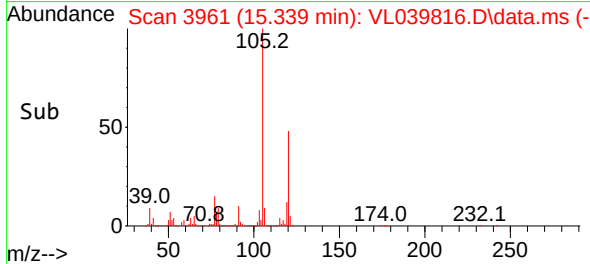
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



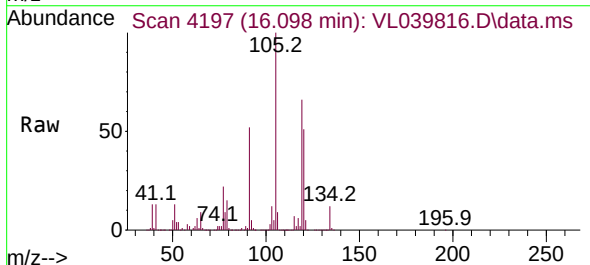
Tgt Ion:105 Resp: 405087
Ion Ratio Lower Upper
105 100
120 48.5 41.0 61.4

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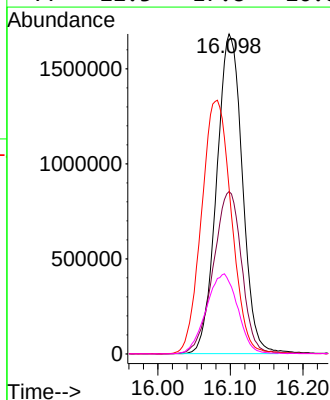
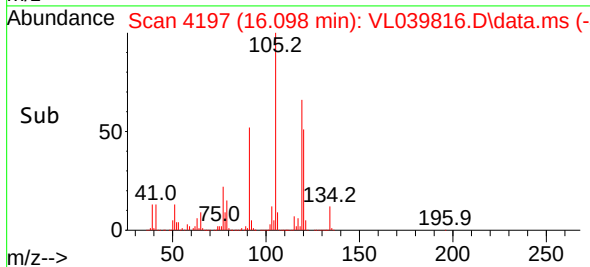
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

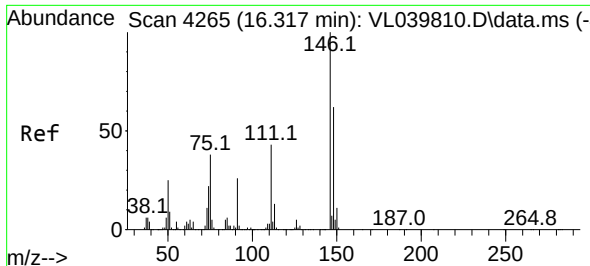


#74
1,2,4-Trimethylbenzene
Concen: 13.799 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35



Tgt Ion:105 Resp: 4142558
Ion Ratio Lower Upper
105 100
120 50.5 40.2 60.4
91 51.3 42.6 64.0
77 22.3 17.8 26.8





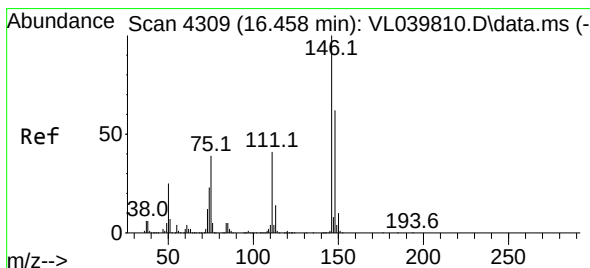
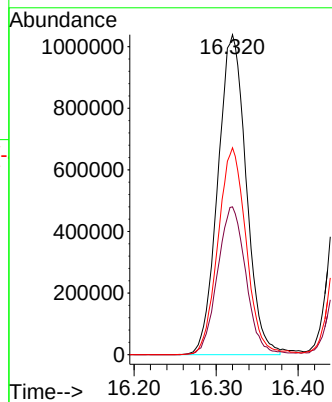
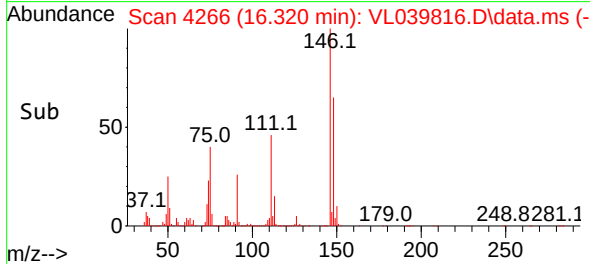
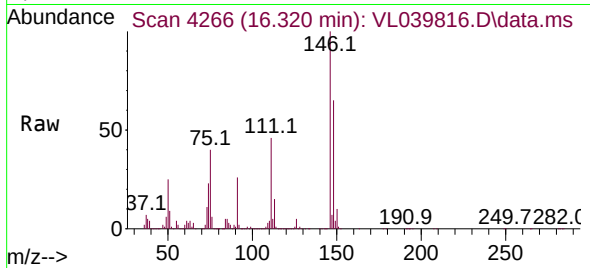
#75
1,3-Dichlorobenzene
Concen: 13.673 ppbv
RT: 16.320 min Scan# 4310
Delta R.T. 0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:146 Resp: 2491269
Ion Ratio Lower Upper
146 100
111 46.3 22.9 68.8
148 64.6 32.3 96.9

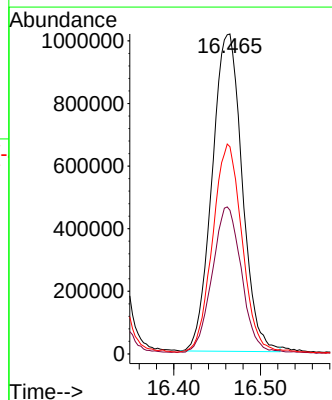
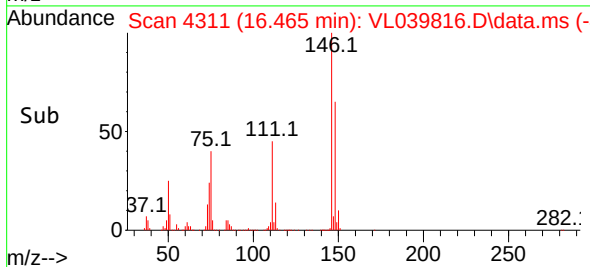
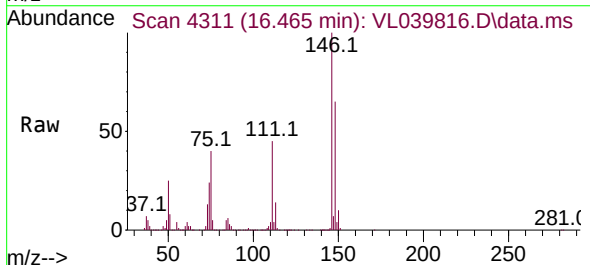
Manual Integrations
APPROVED

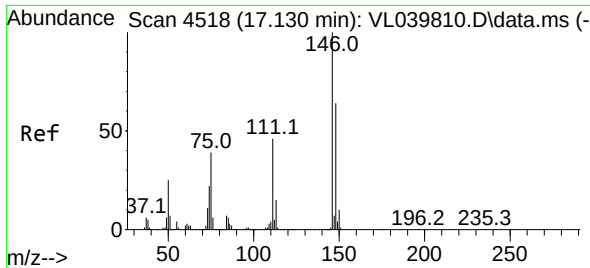
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#76
1,4-Dichlorobenzene
Concen: 14.064 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. 0.007 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

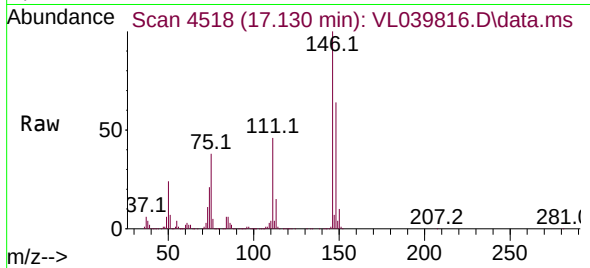
Tgt Ion:146 Resp: 2443836
Ion Ratio Lower Upper
146 100
111 46.2 22.7 68.1
148 66.2 33.1 99.3





#77
1,2-Dichlorobenzene
Concen: 13.583 ppbv
RT: 17.130 min Scan# 4518
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

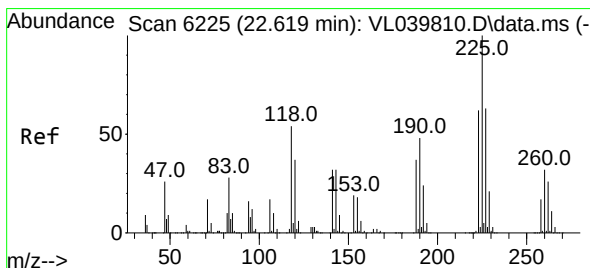
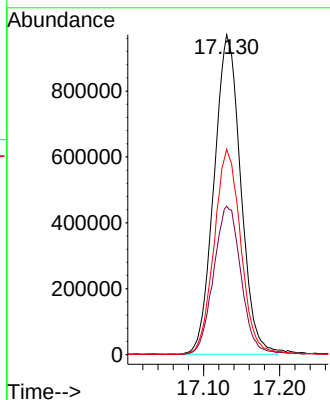
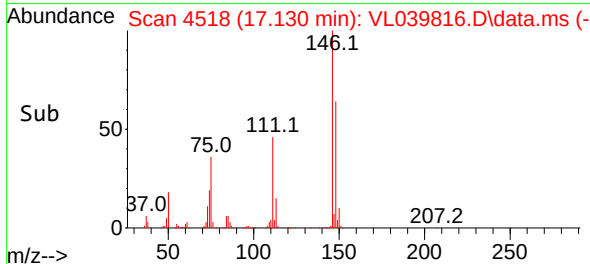
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



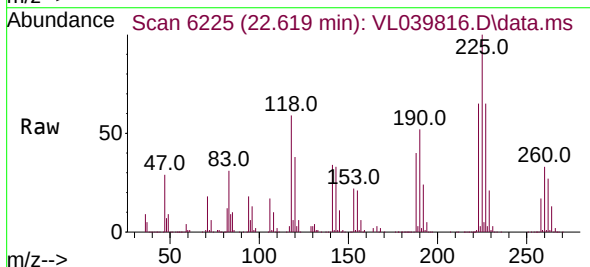
Tgt Ion:146 Resp: 236000
Ion Ratio Lower Upper
146 100
111 48.0 23.9 71.8
148 64.8 32.4 97.2

Manual Integrations
APPROVED

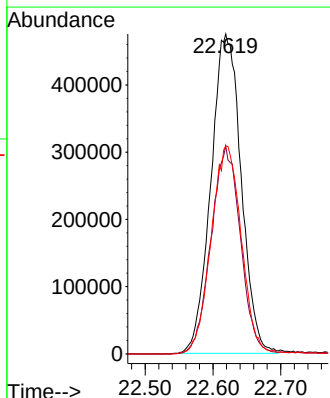
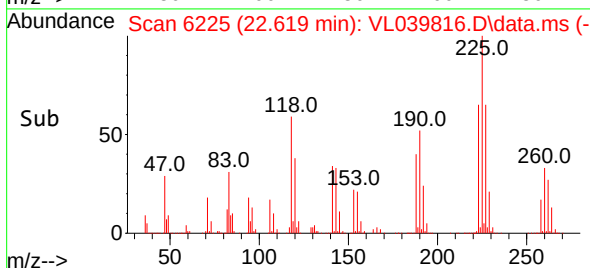
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

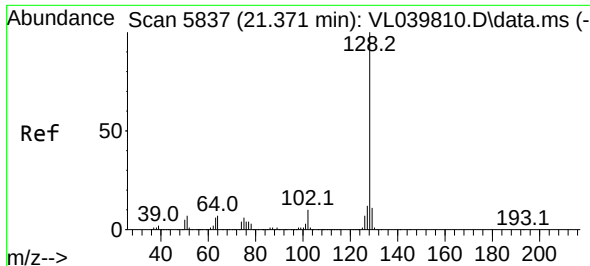


#78
Hexachloro-1,3-Butadiene
Concen: 11.107 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. 0.000 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35



Tgt Ion:225 Resp: 1470727
Ion Ratio Lower Upper
225 100
223 63.8 50.6 75.8
227 65.3 51.6 77.4





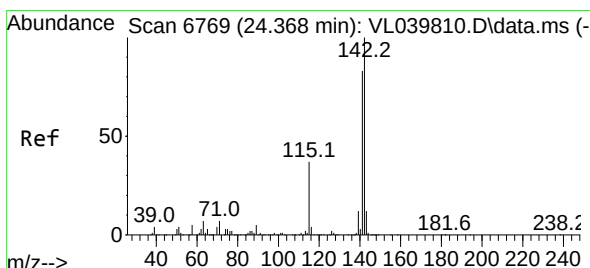
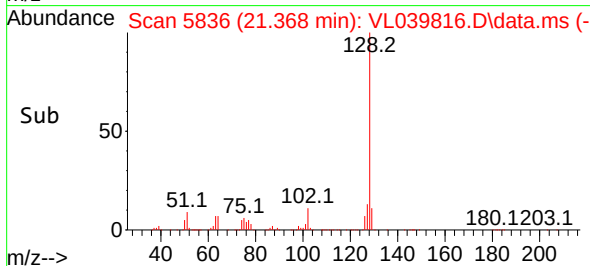
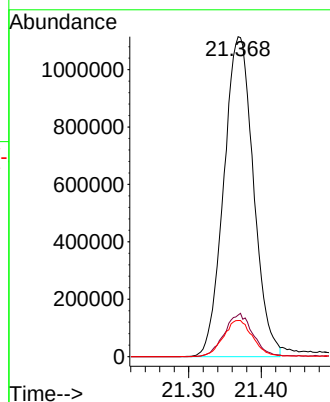
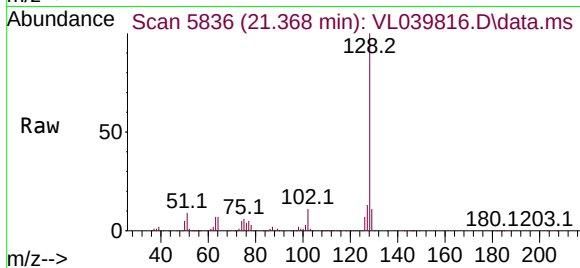
#79
Naphthalene
Concen: 17.235 ppbv
RT: 21.368 min Scan# 5837
Delta R.T. -0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:128 Resp: 3164072
Ion Ratio Lower Upper
128 100
127 13.0 9.8 14.6
129 11.3 8.6 13.0

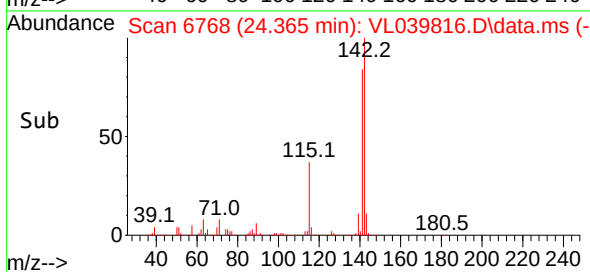
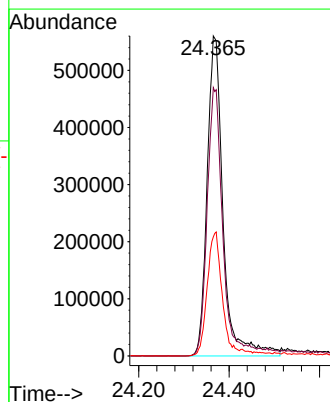
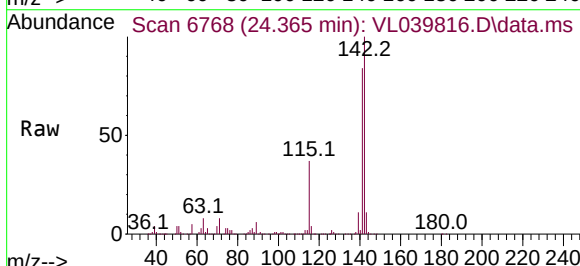
Manual Integrations
APPROVED

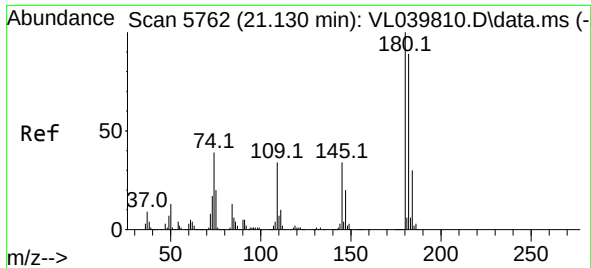
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#80
Naphthalene,2-methyl-
Concen: 22.035 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.003 min
Lab File: VL039816.D
Acq: 2 Nov 2022 14:35

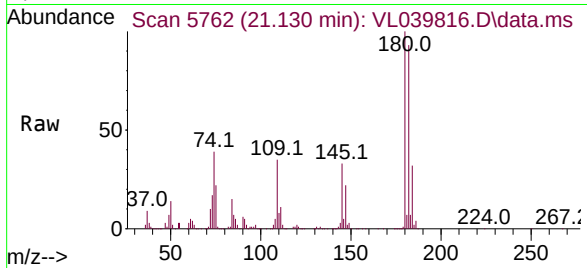
Tgt Ion:142 Resp: 1373626
Ion Ratio Lower Upper
142 100
141 83.6 65.1 97.7
115 38.0 29.1 43.7





#81
 1,2,4-Trichlorobenzene
 Concen: 13.667 ppbv
 RT: 21.130 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL039816.D
 Acq: 2 Nov 2022 14:35

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion:180 Resp: 1658234

Ion	Ratio	Lower	Upper
180	100		
182	97.4	78.1	117.1
184	31.3	24.5	36.7

Manual Integrations
 APPROVED

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

