

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
 Data File : VL039397.D
 Acq On : 29 Jun 2022 13:45
 Operator : SY/AP
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Jun 29 15:36:42 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 29 15:33:53 2022

QLast Update : Wed Jun 29 15:33:53 2022

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/01/2022
 Supervised By : Mahesh Dadoda 07/01/2022

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

Internal Standards						
1) Bromochloromethane	5.652	49	1255989	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.156	114	3601965	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.063	117	3204976	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.391	95	2370303	8.946	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.041	85	118062	0.535	ppbv	95
3) Chlorodifluoromethane	2.980	51	88588	0.554	ppbv	99
4) Chloromethane	3.128	50	49110	0.598	ppbv #	84
5) Vinyl Chloride	3.250	62	44441	0.579	ppbv	97
6) Bromomethane	3.462	94	20099	0.532	ppbv	87
7) Chloroethane	3.542	64	16575m	0.620	ppbv	
8) Dichlorotetrafluoroethane	3.179	85	109227	0.542	ppbv	95
9) Propene	3.002	41	38578	0.554	ppbv	95
10) Heptane	8.108	43	79910	0.492	ppbv	93
11) Trichlorofluoromethane	3.944	101	115175m	0.577	ppbv	
12) 1,1,2-Trichlorotrifluo...	4.472	101	83688m	0.634	ppbv	
13) Ethanol	3.603	45	2317m	0.610	ppbv	
14) Bromoethene	3.729	108	35212m	0.593	ppbv	
15) Acetone	3.848	43	74803	0.572	ppbv #	88
16) 1,3-Butadiene	3.317	39	37906	0.539	ppbv	92
17) tert-Butyl alcohol	4.288	59	59920	0.590	ppbv #	91
18) 1,1-Dichloroethene	4.275	96	39343m	0.664	ppbv	
19) Isopropyl Alcohol	3.967	45	46969m	0.765	ppbv	
20) Methylene Chloride	4.330	84	33571m	0.609	ppbv	
21) Allyl Chloride	4.401	41	53971	0.612	ppbv	92
22) trans-1,2-Dichloroethene	4.874	96	34386	0.603	ppbv #	86
23) Vinyl Acetate	5.063	43	46620	0.431	ppbv #	95
24) 1,1-Dichloroethane	4.996	63	77075m	0.520	ppbv	
25) Ethyl Acetate	5.668	43	156806	0.532	ppbv #	97
26) Hexane	5.668	57	71062m	0.548	ppbv	
27) Carbon Disulfide	4.542	76	73359m	0.546	ppbv	
28) Methyl tert-Butyl Ether	5.034	73	73483m	0.514	ppbv	
29) Chloroform	5.735	83	110598	0.507	ppbv	96
30) Cyclohexane	7.115	84	59677m	0.548	ppbv	
31) cis-1,2-Dichloroethene	5.536	61	66662	0.505	ppbv	95
32) 1,1,1-Trichloroethane	6.497	97	106613	0.500	ppbv	95
34) 2-Butanone	5.240	43	93049m	0.475	ppbv	
35) Carbon Tetrachloride	6.999	117	113669	0.432	ppbv	96
36) Benzene	6.873	78	140829	0.482	ppbv	95
37) 1,2-Dichloroethane	6.291	62	85810m	0.446	ppbv	
38) Trichloroethene	7.819	130	76931m	0.573	ppbv	
39) 1,2-Dichloropropane	7.594	63	52617m	0.452	ppbv	
40) 1,4-Dioxane	7.841	88	19752m	0.516	ppbv	
41) Tetrahydrofuran	6.060	42	50358m	0.428	ppbv	
42) Bromodichloromethane	7.774	83	108749	0.407	ppbv	88
43) Methyl Methacrylate	8.002	69	48806m	0.428	ppbv	
44) 2,2,4-Trimethylpentane	7.851	57	234392	0.458	ppbv	96
45) t-1,3-Dichloropropene	9.266	75	39218m	0.331	ppbv	

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/01/2022
 Supervised By : Mahesh Dadoda 07/01/2022

Quant Time: Jun 29 15:36:42 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 29 15:33:53 2022

QLast Update : Wed Jun 29 15:33:53 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.684	75	54752m	0.349	ppbv	
47) 1,1,2-Trichloroethane	9.452	97	57470	0.474	ppbv	94
48) Dibromochloromethane	10.282	129	78237	0.361	ppbv	92
49) Bromoform	13.011	173	61832m	0.342	ppbv	
50) 4-Methyl-2-Pentanone	8.735	43	128032m	0.437	ppbv	
51) 2-Hexanone	10.124	43	85998m	0.377	ppbv	
52) Tetrachloroethene	11.204	164	53725m	0.471	ppbv	
53) Toluene	9.783	91	150555m	0.447	ppbv	
54) 1,2-Dibromoethane	10.594	107	69363	0.425	ppbv	94
56) 1,1,1,2-Tetrachloroethane	12.105	131	73001	0.481	ppbv #	1
57) Chlorobenzene	12.124	112	128855	0.534	ppbv	89
58) Ethyl Benzene	12.687	91	196965	0.446	ppbv	95
59) m/p-Xylene	12.973	91	360329m	0.927	ppbv	
60) o-Xylene	13.671	91	165369	0.453	ppbv	96
61) Styrene	13.510	104	78346m	0.401	ppbv	
62) Isopropylbenzene	14.648	105	261796	0.482	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.655	83	88867	0.433	ppbv	100
64) n-propylbenzene	15.539	120	63560m	0.476	ppbv	
65) tert-Butylbenzene	16.722	119	242971	0.489	ppbv	95
66) Benzyl Chloride	16.969	91	17253m	0.267	ppbv	
67) sec-Butylbenzene	17.269	105	314921	0.465	ppbv	96
69) p-Isopropyltoluene	17.625	119	270332m	0.473	ppbv	
70) n-Butylbenzene	18.529	91	254577m	0.434	ppbv	
71) 2-Chlorotoluene	15.426	91	174992	0.423	ppbv	97
72) 4-Ethyltoluene	15.815	105	185332	0.433	ppbv	99
73) 1,3,5-Trimethylbenzene	15.970	105	177158	0.459	ppbv	91
74) 1,2,4-Trimethylbenzene	16.738	105	195678	0.454	ppbv	93
75) 1,3-Dichlorobenzene	16.969	146	121619	0.499	ppbv	96
76) 1,4-Dichlorobenzene	17.111	146	123667m	0.508	ppbv	
77) 1,2-Dichlorobenzene	17.789	146	125226m	0.509	ppbv	
78) Hexachloro-1,3-Butadiene	23.345	225	109920m	0.489	ppbv	
79) Naphthalene	22.172	128	123434m	0.372	ppbv	
80) Naphthalene,2-methyl-	24.950	142	24741m	0.201	ppbv	
81) 1,2,4-Trichlorobenzene	21.895	180	82647m	0.393	ppbv	

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

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 VSTDIC0.5

Manual Integrations APPROVED

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 Supervised By :Mahesh Dadoda 07/01/2022

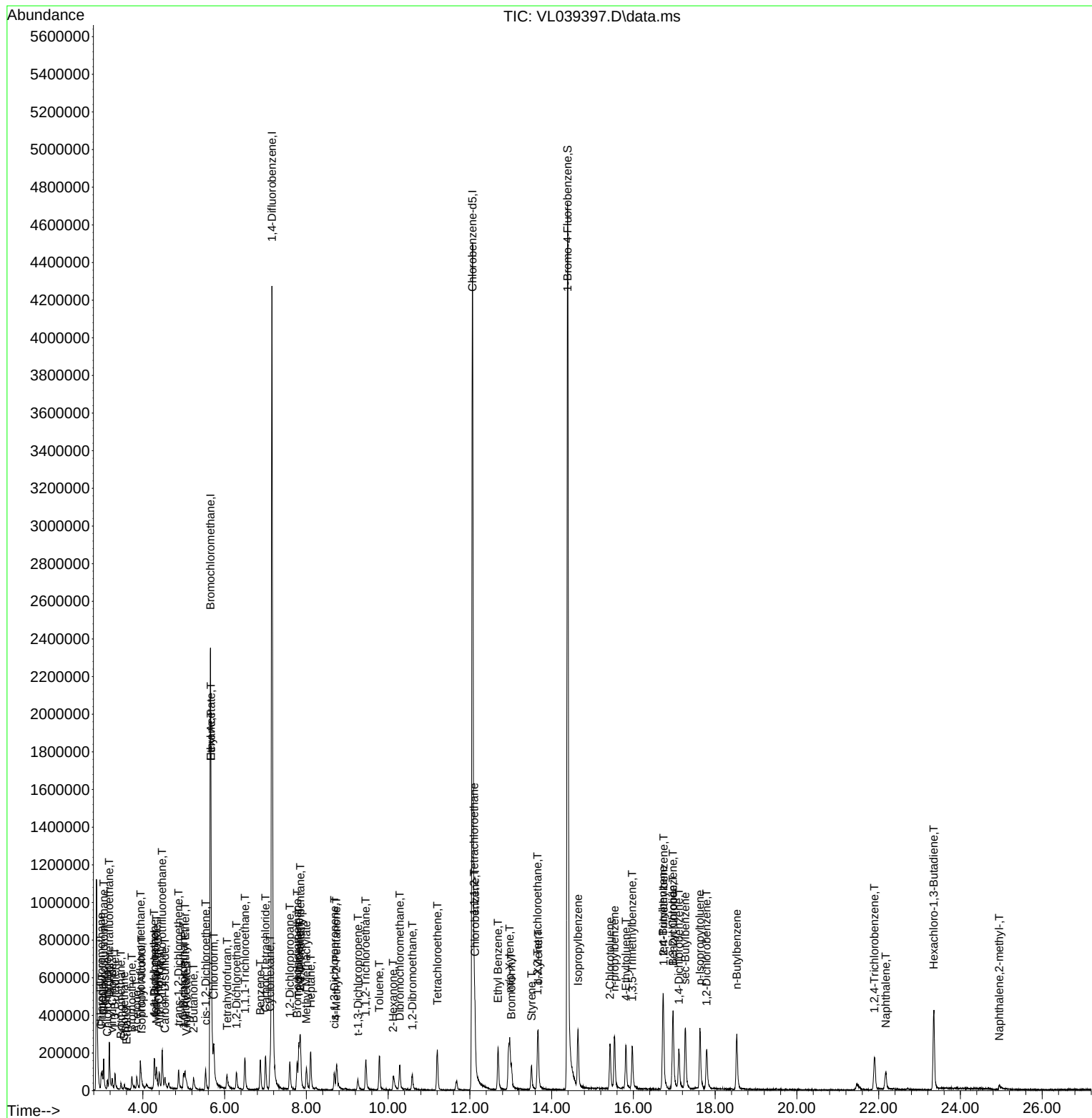
Quant Time: Jun 29 15:36:42 2022

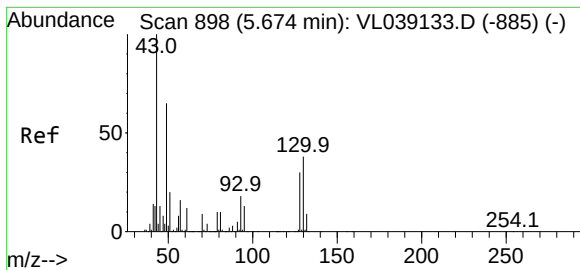
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun

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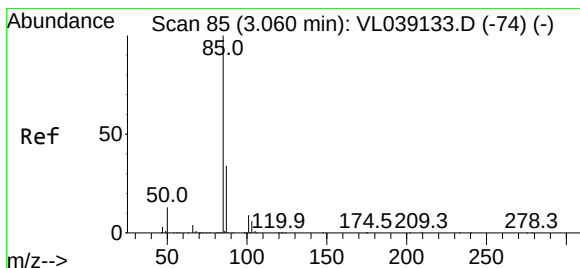
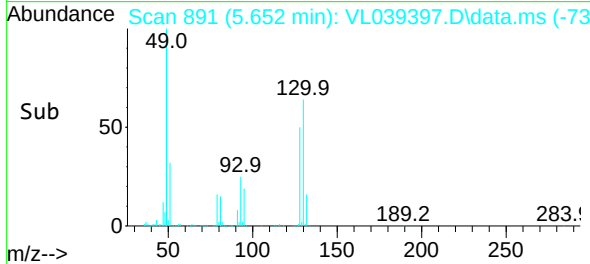
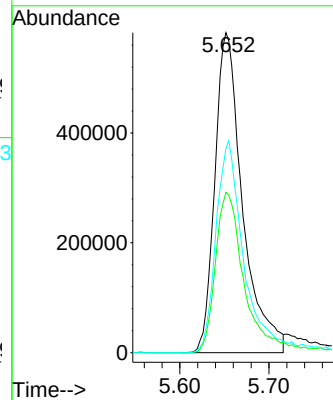
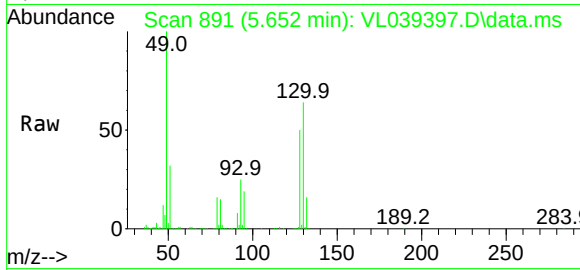
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.652 min Scan# 89
Delta R.T. -0.000 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 49 Resp: 125598
Ion Ratio Lower Upper
49 100
128 54.2 26.7 80.0
130 69.5 34.3 102.8

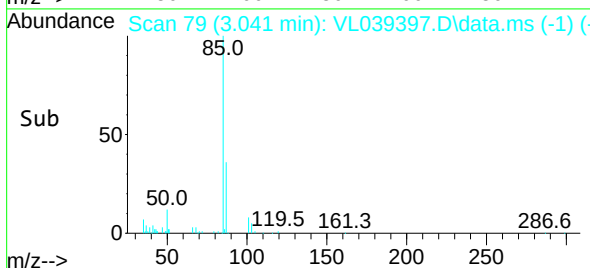
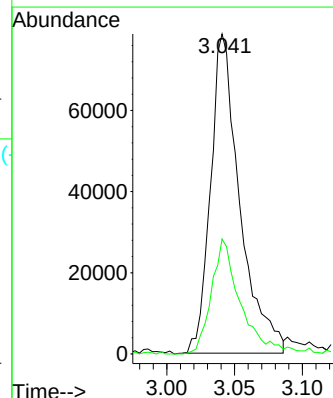
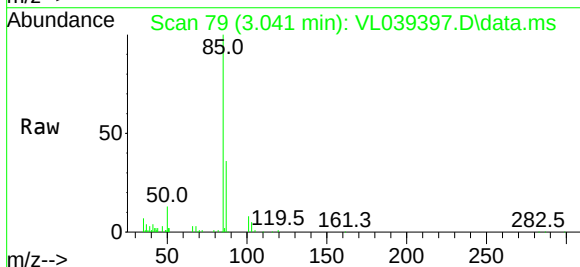
Manual Integrations
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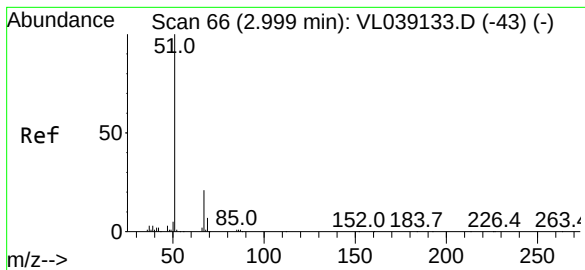
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#2
Dichlorodifluoromethane
Concen: 0.535 ppbv
RT: 3.041 min Scan# 79
Delta R.T. -0.000 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

Tgt Ion: 85 Resp: 118062
Ion Ratio Lower Upper
85 100
87 36.1 26.7 40.1





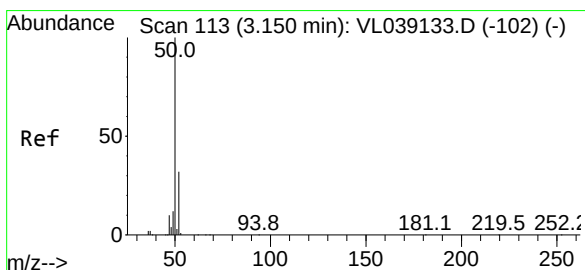
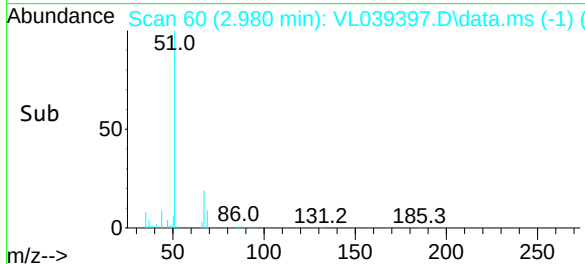
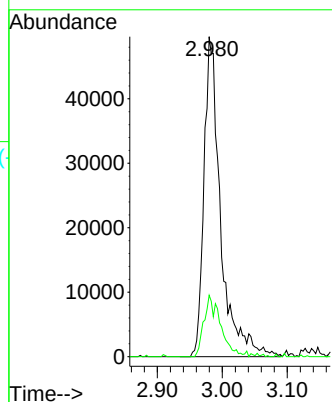
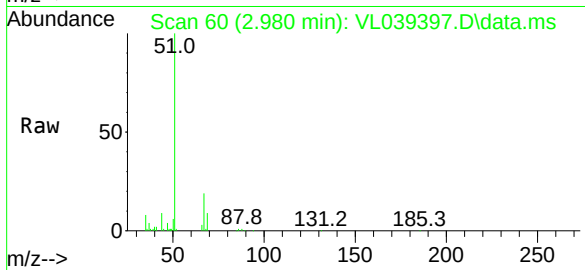
#3
Chlorodifluoromethane
Concen: 0.554 ppbv
RT: 2.980 min Scan# 60
Delta R.T. -0.000 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 51 Resp: 8858
Ion Ratio Lower Upper
51 100
67 19.4 15.7 23.5

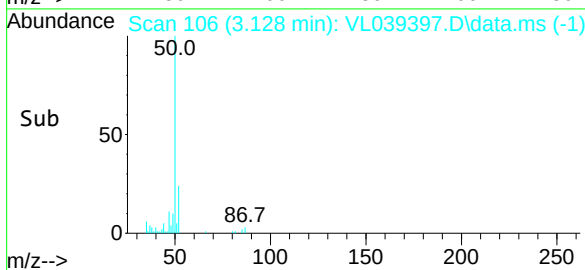
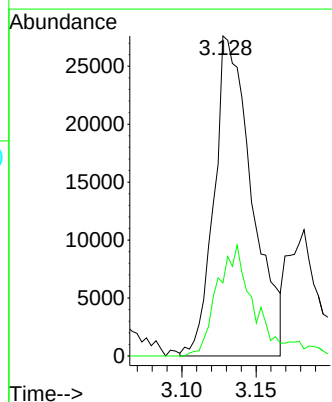
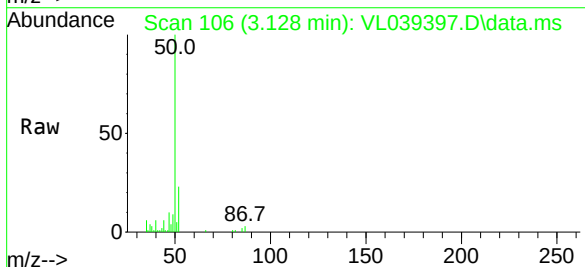
Manual Integrations
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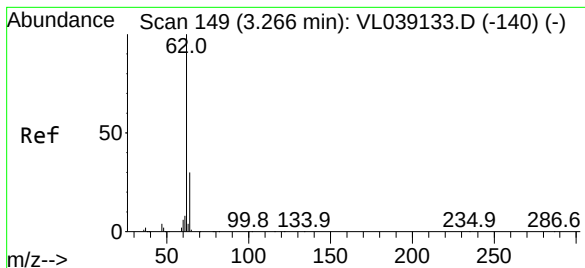
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#4
Chloromethane
Concen: 0.598 ppbv
RT: 3.128 min Scan# 106
Delta R.T. -0.003 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

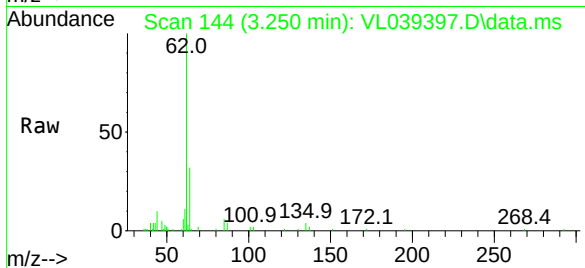
Tgt Ion: 50 Resp: 49110
Ion Ratio Lower Upper
50 100
52 23.9 26.5 39.7#





#5
 Vinyl Chloride
 Concen: 0.579 ppbv
 RT: 3.250 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VL039397.D
 Acq: 29 Jun 2022 13:45

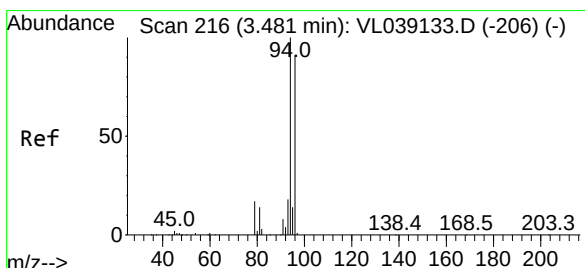
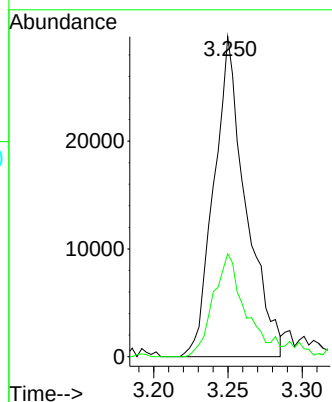
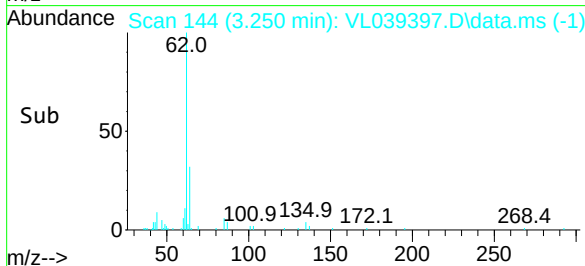
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



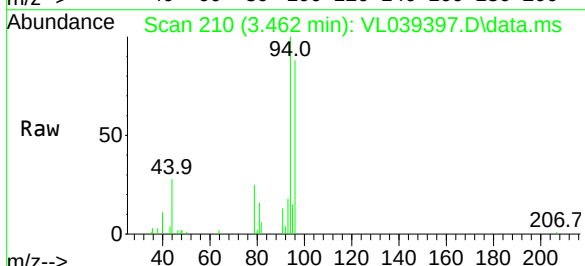
Tgt Ion: 62 Resp: 4444
 Ion Ratio Lower Upper
 62 100
 64 32.2 24.6 36.8

Manual Integrations
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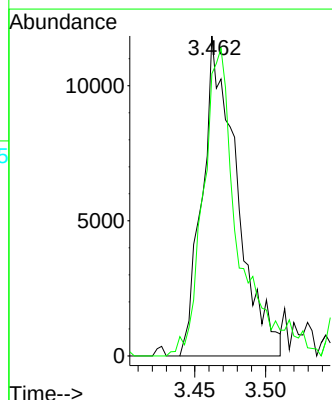
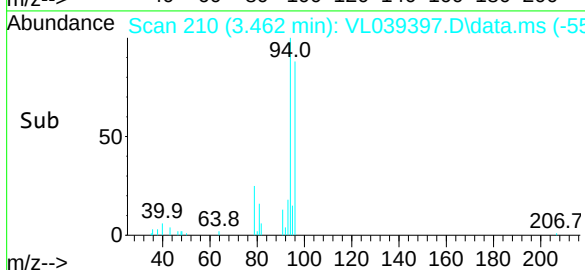
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

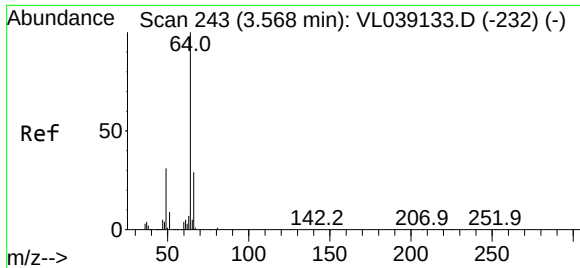


#6
 Bromomethane
 Concen: 0.532 ppbv
 RT: 3.462 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VL039397.D
 Acq: 29 Jun 2022 13:45



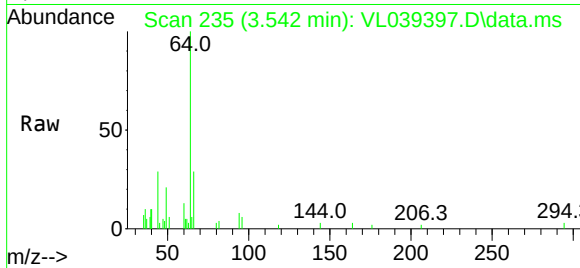
Tgt Ion: 94 Resp: 20099
 Ion Ratio Lower Upper
 94 100
 96 82.2 75.6 113.4





#7
Chloroethane
Concen: 0.620 ppbv m
RT: 3.542 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

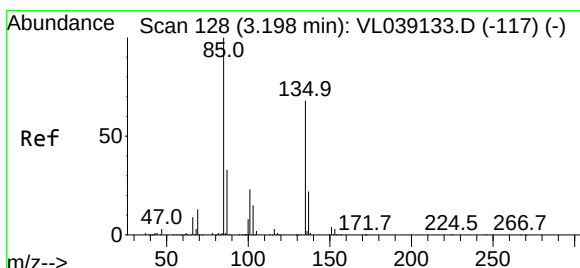
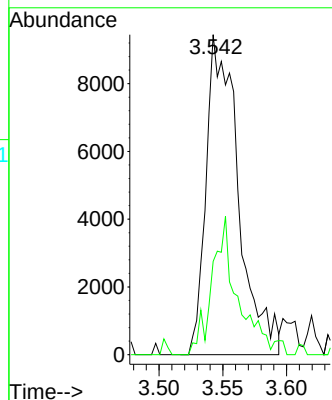
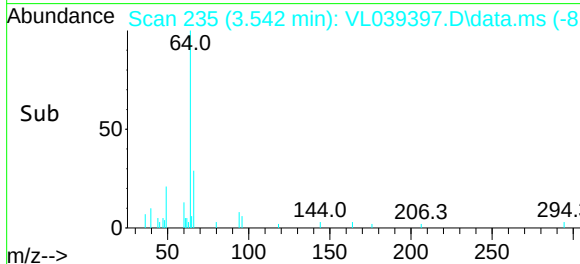
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



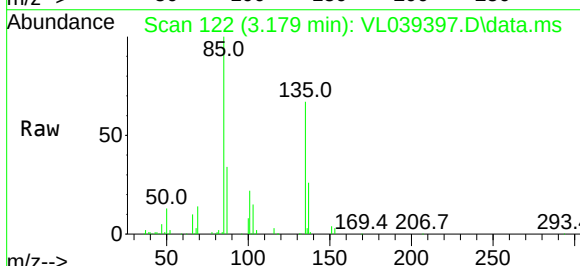
Tgt Ion: 64 Resp: 1657
Ion Ratio Lower Upper
64 100
66 29.2 24.7 37.1

Manual Integrations
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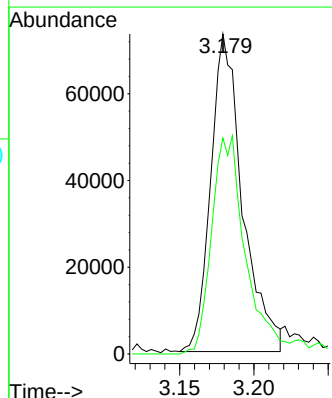
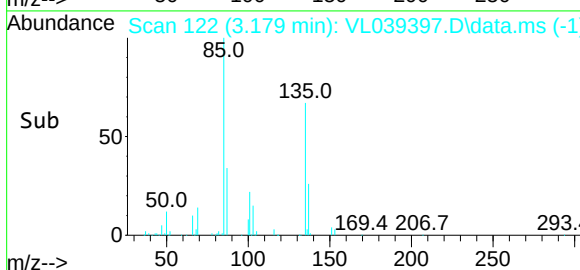
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

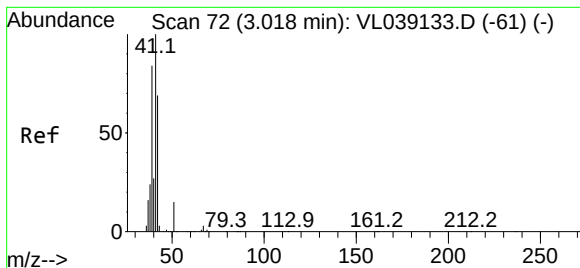


#8
Dichlorotetrafluoroethane
Concen: 0.542 ppbv
RT: 3.179 min Scan# 122
Delta R.T. -0.000 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45



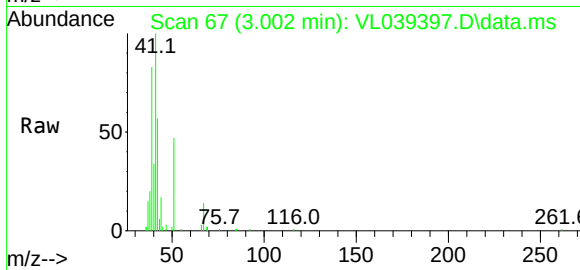
Tgt Ion: 85 Resp: 109227
Ion Ratio Lower Upper
85 100
135 78.0 59.0 88.4





#9
 Propene
 Concen: 0.554 ppbv
 RT: 3.002 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL039397.D
 Acq: 29 Jun 2022 13:45

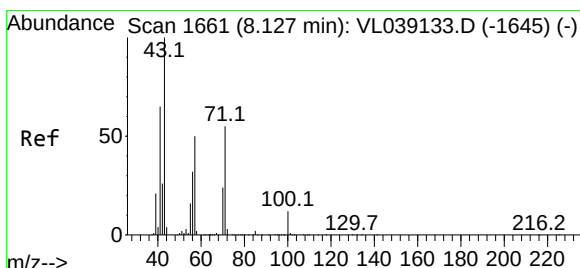
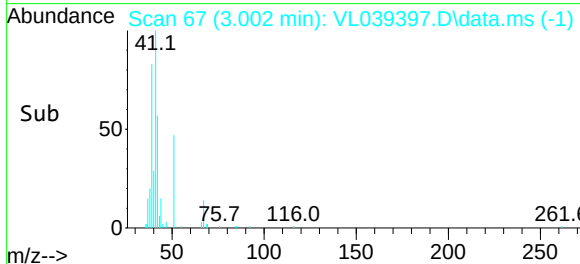
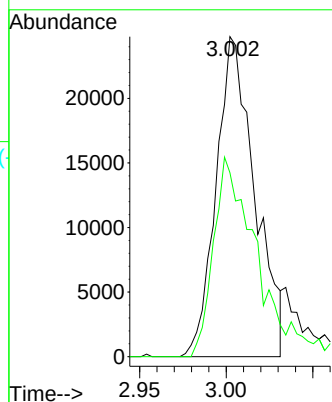
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 41 Resp: 38578
 Ion Ratio Lower Upper
 41 100
 42 72.9 55.2 82.8

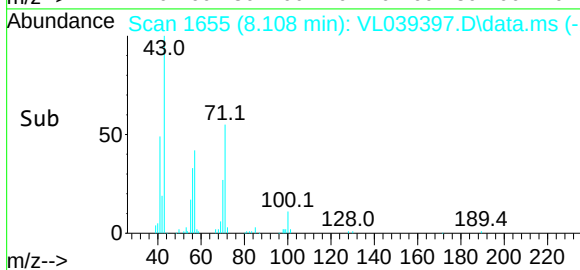
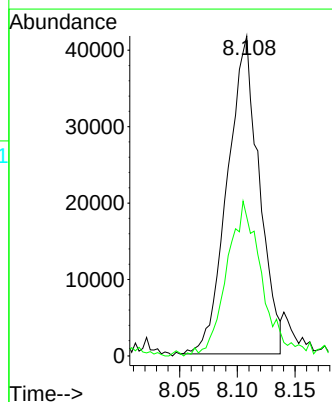
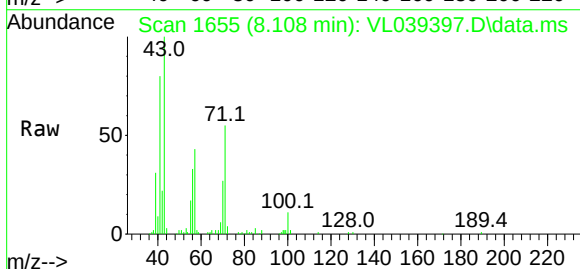
Manual Integrations
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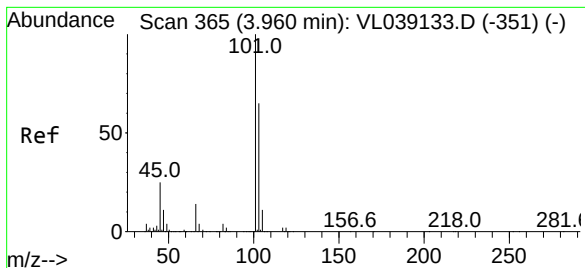
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022



#10
 Heptane
 Concen: 0.492 ppbv
 RT: 8.108 min Scan# 1655
 Delta R.T. 0.003 min
 Lab File: VL039397.D
 Acq: 29 Jun 2022 13:45

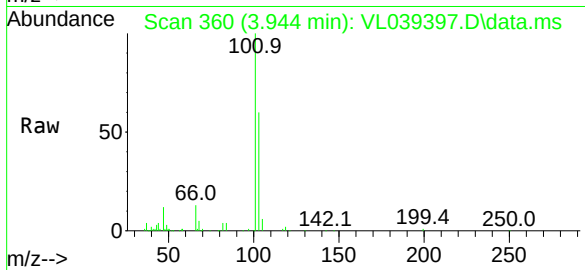
Tgt Ion: 43 Resp: 79910
 Ion Ratio Lower Upper
 43 100
 57 55.7 40.5 60.7





#11
Trichlorofluoromethane
Concen: 0.577 ppbv m
RT: 3.944 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

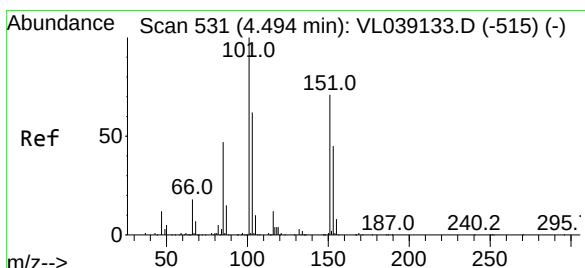
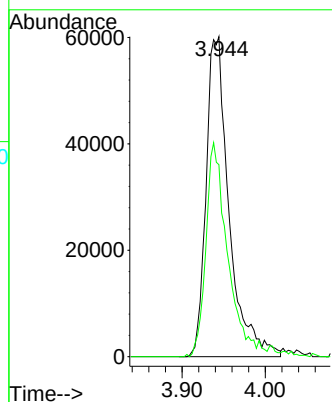
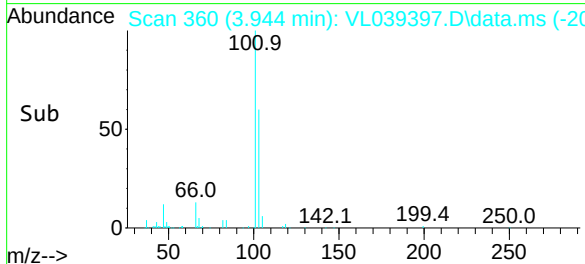
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion:101 Resp: 115179
Ion Ratio Lower Upper
101 100
103 60.0 51.8 77.8

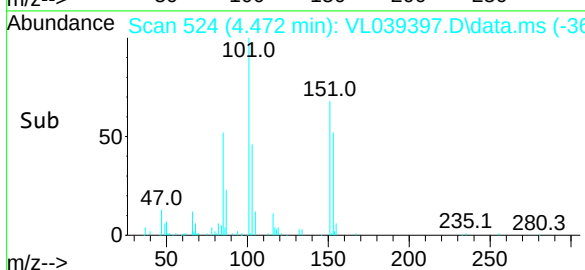
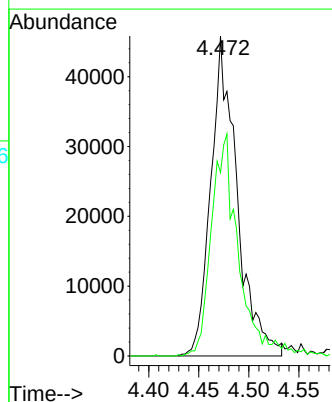
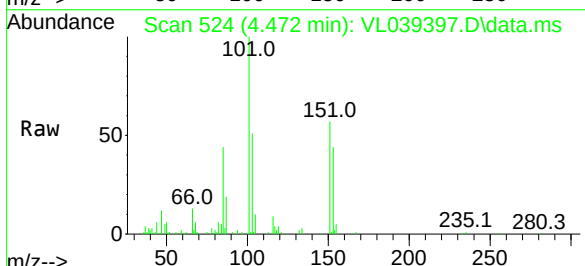
Manual Integrations
APPROVED

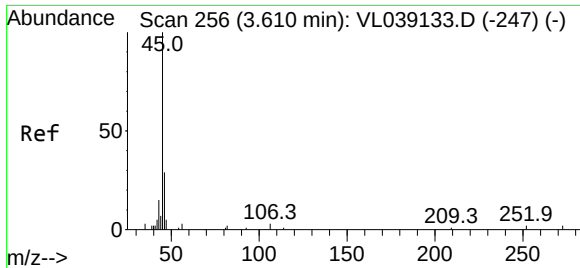
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.634 ppbv m
RT: 4.472 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

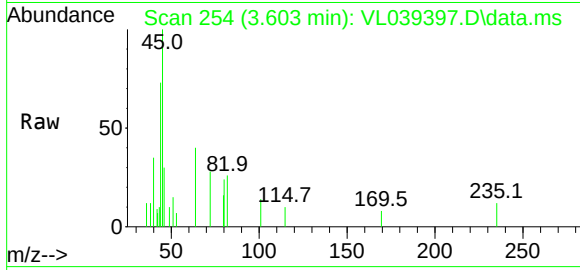
Tgt Ion:101 Resp: 83688
Ion Ratio Lower Upper
101 100
151 72.0 58.9 88.3





#13
Ethanol
Concen: 0.610 ppbv m
RT: 3.603 min Scan# 211
Delta R.T. 0.010 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

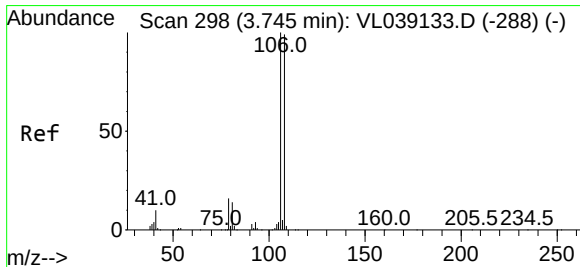
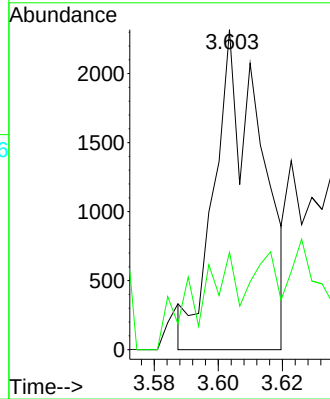
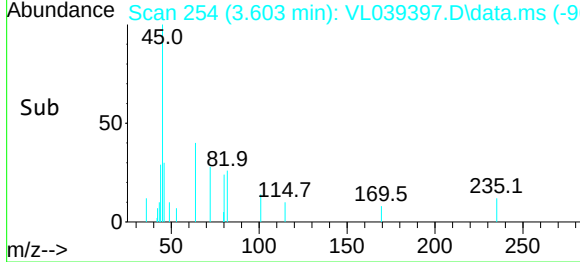
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



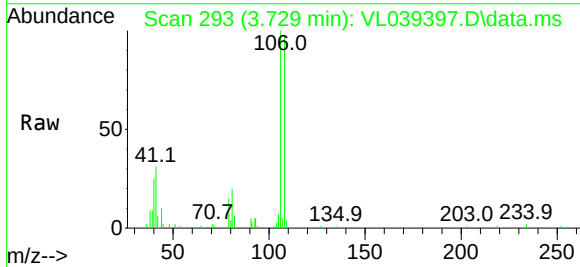
Tgt Ion: 45 Resp: 231
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2

Manual Integrations
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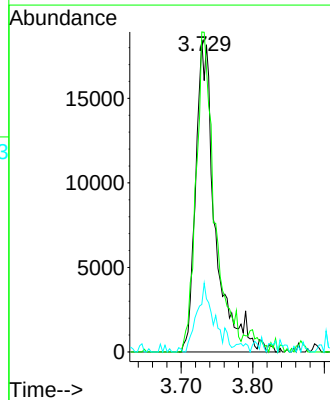
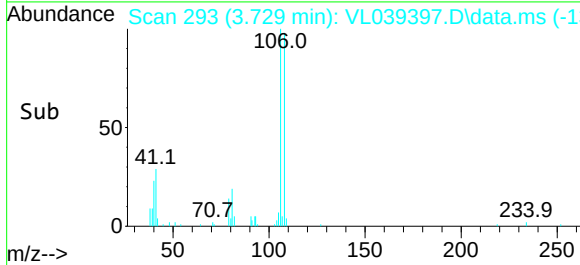
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

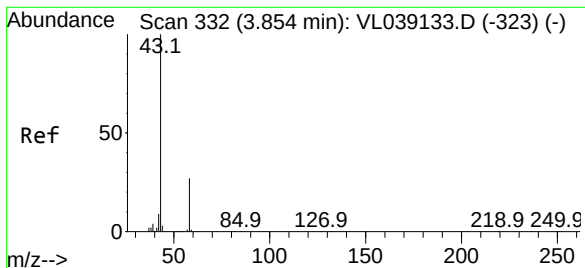


#14
Bromoethene
Concen: 0.593 ppbv m
RT: 3.729 min Scan# 293
Delta R.T. -0.000 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45



Tgt Ion:108 Resp: 35212
Ion Ratio Lower Upper
108 100
106 0.0 87.1 130.7#
79 20.6 14.6 22.0





#15

Acetone

Concen: 0.572 ppbv

RT: 3.848 min Scan# 31

Delta R.T. 0.013 min

Lab File: VL039397.D

Acq: 29 Jun 2022 13:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 43 Resp: 7480

Ion Ratio Lower Upper

43 100

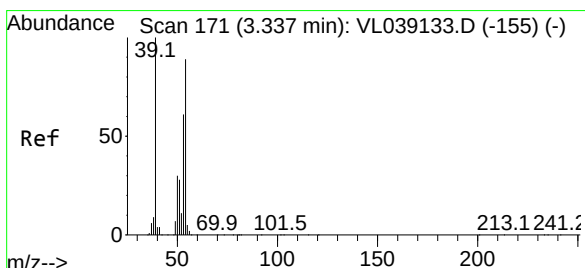
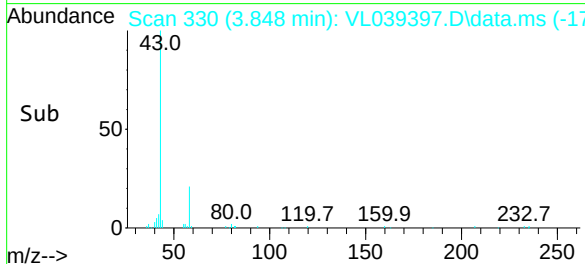
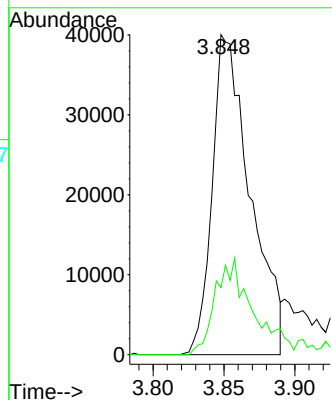
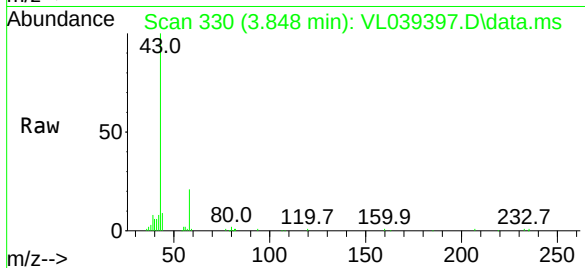
58 32.7 21.0 31.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#16

1,3-Butadiene

Concen: 0.539 ppbv

RT: 3.317 min Scan# 165

Delta R.T. -0.000 min

Lab File: VL039397.D

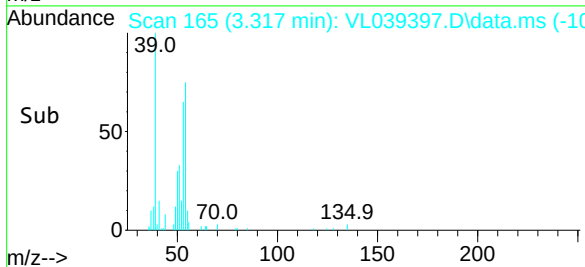
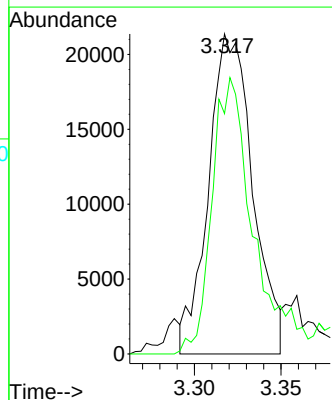
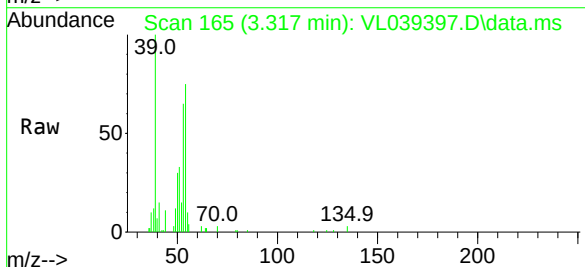
Acq: 29 Jun 2022 13:45

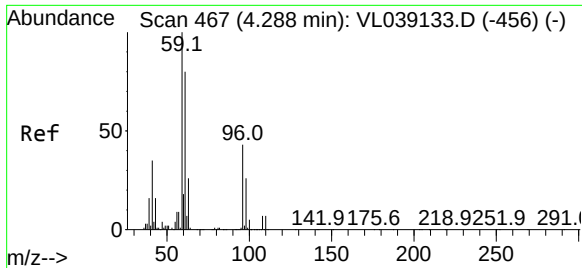
Tgt Ion: 39 Resp: 37906

Ion Ratio Lower Upper

39 100

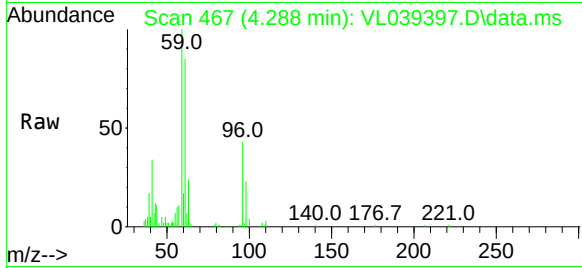
54 87.0 63.7 95.5





#17
tert-Butyl alcohol
Concen: 0.590 ppbv
RT: 4.288 min Scan# 467
Delta R.T. 0.019 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

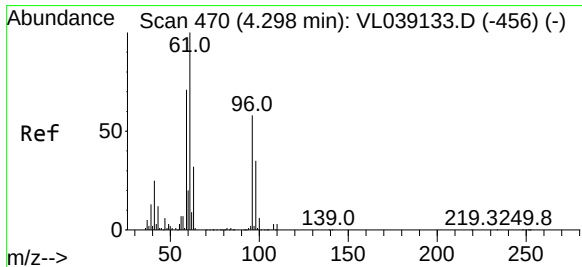
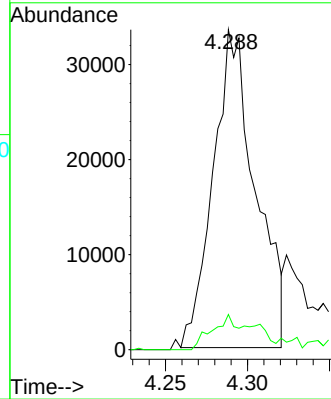
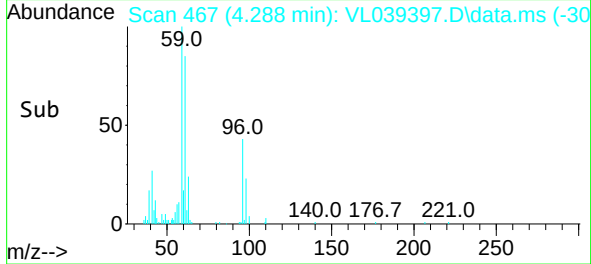
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



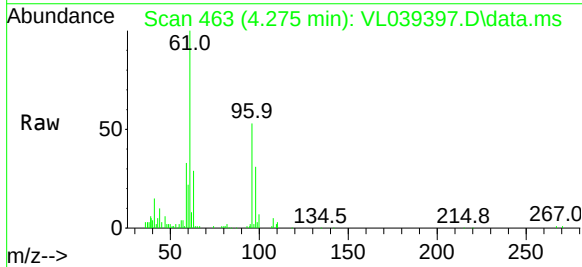
Tgt Ion: 59 Resp: 59920
Ion Ratio Lower Upper
59 100
57 14.3 8.7 13.1

Manual Integrations
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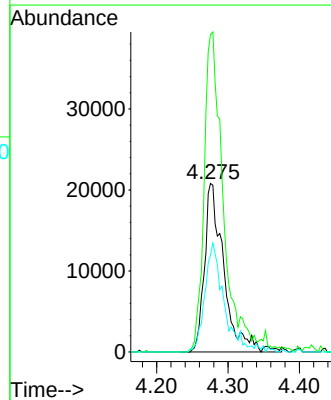
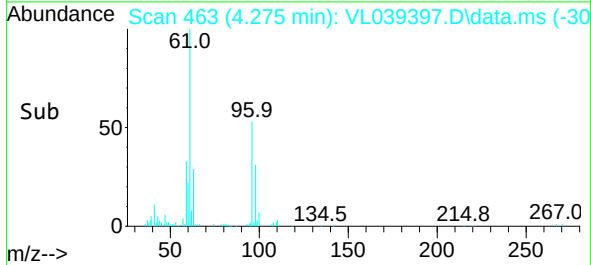
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

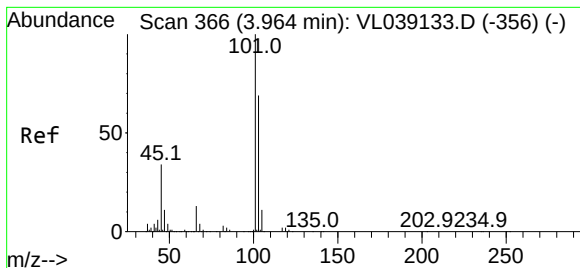


#18
1,1-Dichloroethene
Concen: 0.664 ppbv m
RT: 4.275 min Scan# 463
Delta R.T. -0.003 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45



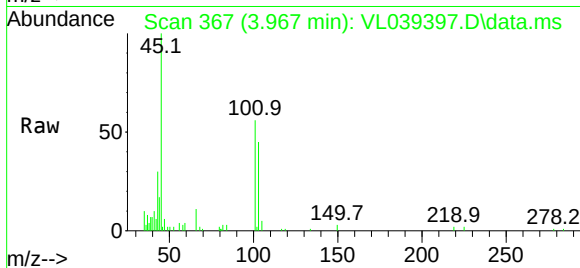
Tgt Ion: 96 Resp: 39343
Ion Ratio Lower Upper
96 100
61 188.4 152.2 228.4
98 57.7 51.8 77.6





#19
Isopropyl Alcohol
Concen: 0.765 ppbv m
RT: 3.967 min Scan# 30
Delta R.T. 0.019 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

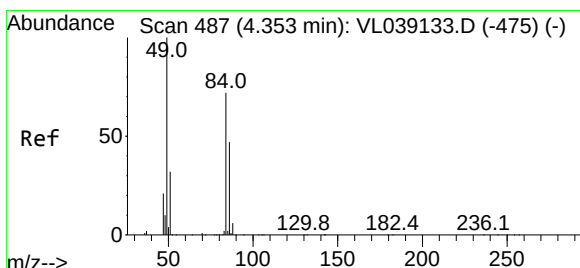
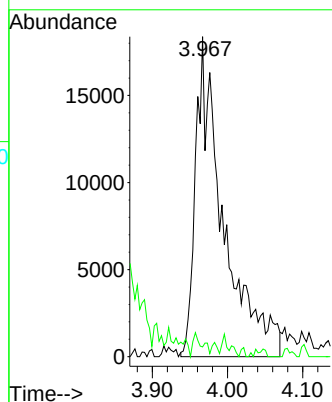
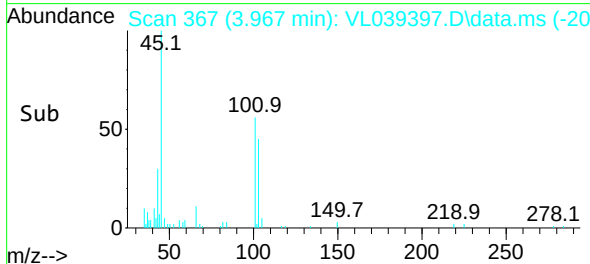
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



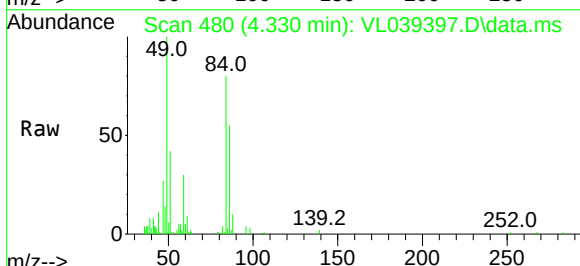
Tgt Ion: 45 Resp: 46969
Ion Ratio Lower Upper
45 100
58 3.4 3.2 4.8

Manual Integrations
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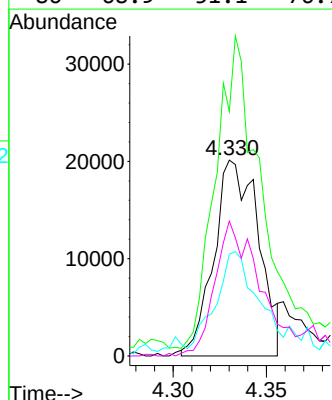
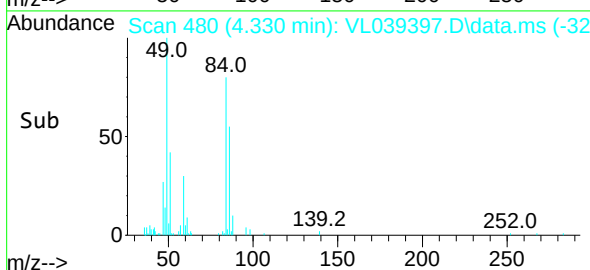
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

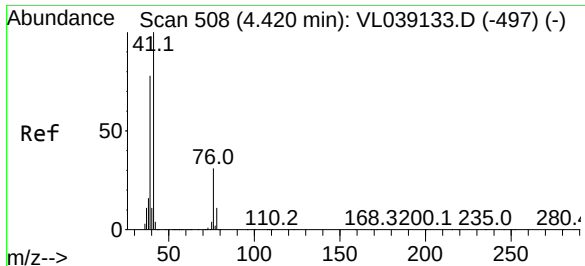


#20
Methylene Chloride
Concen: 0.609 ppbv m
RT: 4.330 min Scan# 480
Delta R.T. -0.000 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45



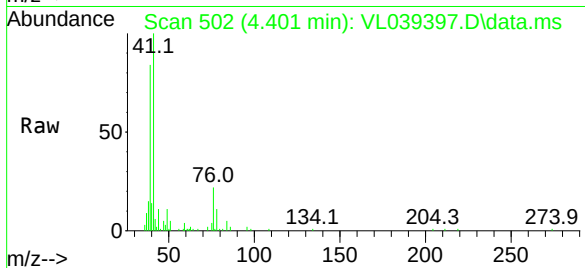
Tgt Ion: 84 Resp: 33571
Ion Ratio Lower Upper
84 100
49 124.9 123.1 184.7
51 51.9 34.4 51.6#
86 68.9 51.1 76.7





#21
 Allyl Chloride
 Concen: 0.612 ppbv
 RT: 4.401 min Scan# 508
 Delta R.T. 0.003 min
 Lab File: VL039397.D
 Acq: 29 Jun 2022 13:45

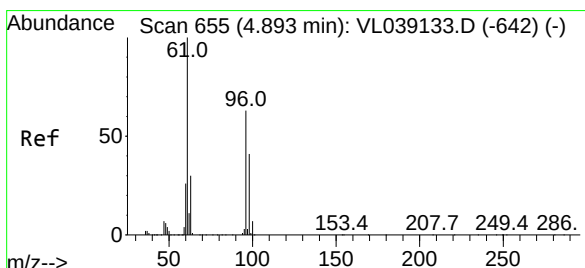
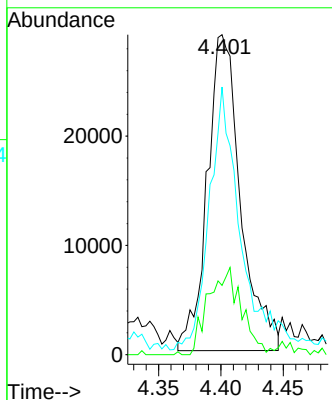
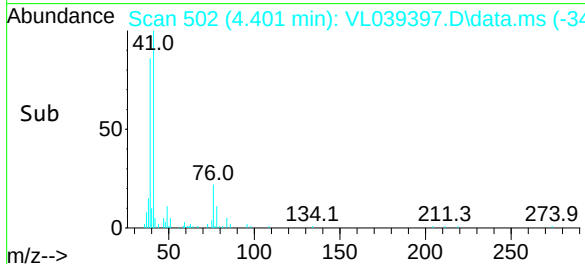
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 41 Resp: 5397
 Ion Ratio Lower Upper
 41 100
 76 27.7 24.4 36.6
 39 87.8 63.5 95.3

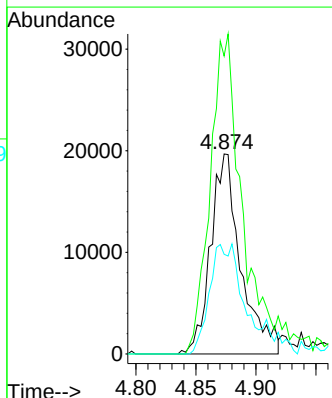
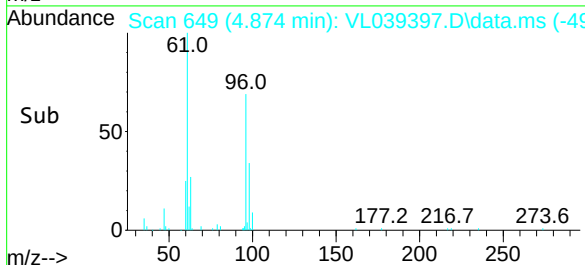
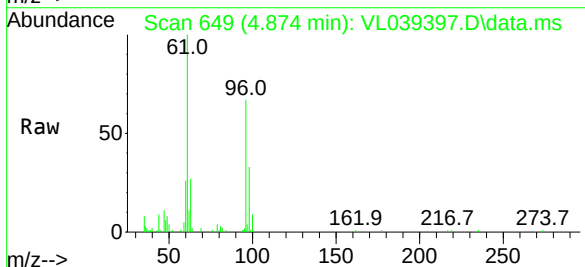
Manual Integrations
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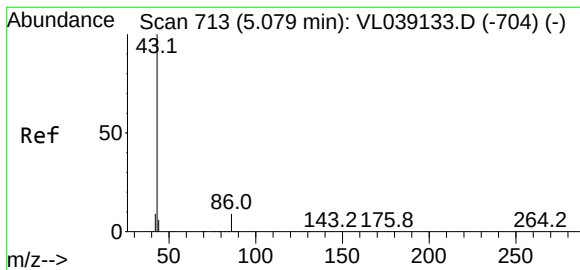
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.603 ppbv
 RT: 4.874 min Scan# 649
 Delta R.T. 0.003 min
 Lab File: VL039397.D
 Acq: 29 Jun 2022 13:45

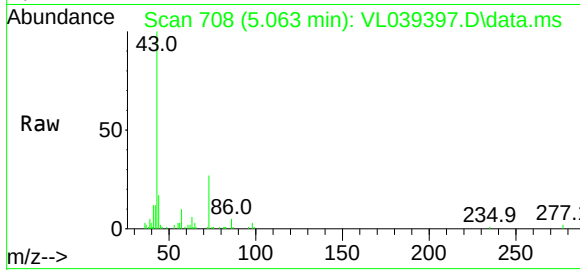
Tgt Ion: 96 Resp: 34386
 Ion Ratio Lower Upper
 96 100
 61 148.9 130.6 195.8
 98 49.8 53.4 80.0#





#23
 Vinyl Acetate
 Concen: 0.431 ppbv
 RT: 5.063 min Scan# 708
 Delta R.T. 0.006 min
 Lab File: VL039397.D
 Acq: 29 Jun 2022 13:45

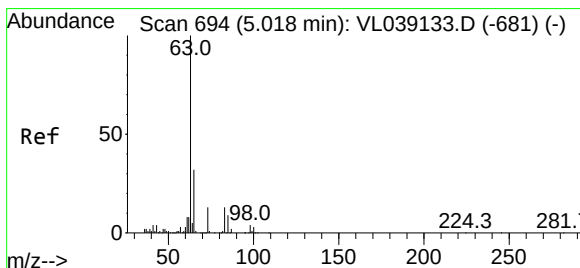
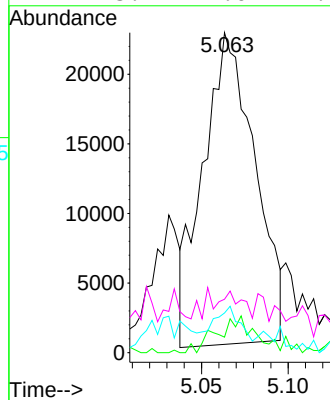
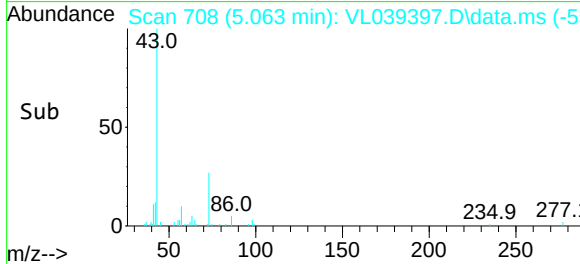
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



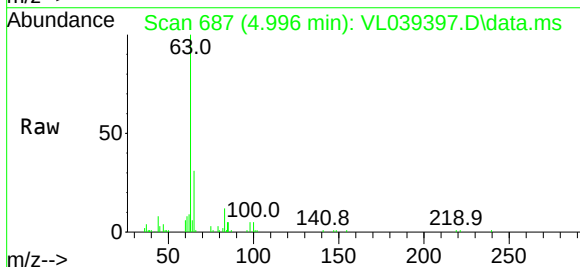
Tgt Ion: 43 Resp: 46620
 Ion Ratio Lower Upper
 43 100
 86 6.5 5.0 7.6
 42 5.7 7.7 11.5
 44 5.2 4.6 7.0

Manual Integrations
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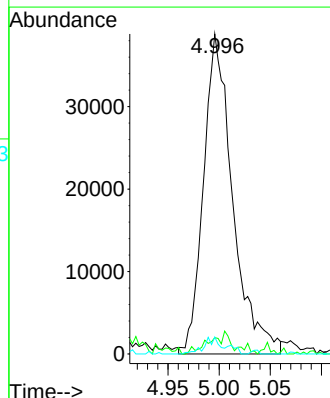
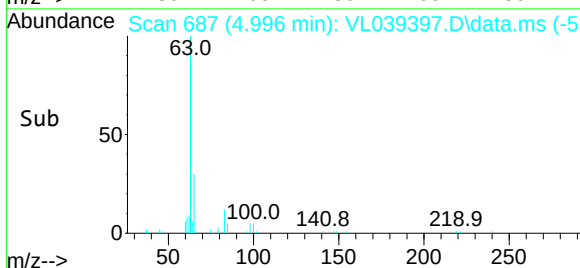
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

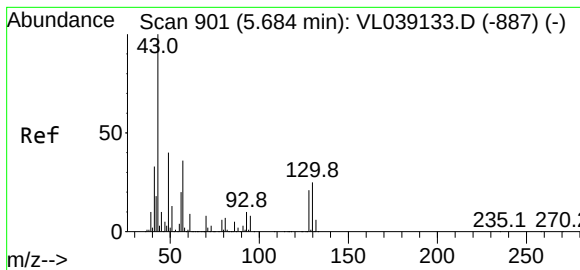


#24
 1,1-Dichloroethane
 Concen: 0.520 ppbv m
 RT: 4.996 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VL039397.D
 Acq: 29 Jun 2022 13:45



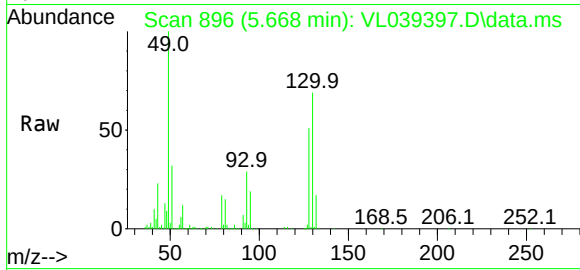
Tgt Ion: 63 Resp: 77075
 Ion Ratio Lower Upper
 63 100
 98 5.1 1.8 5.3
 100 5.3 1.5 4.4





#25
Ethyl Acetate
Concen: 0.532 ppbv
RT: 5.668 min Scan# 896
Delta R.T. 0.006 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

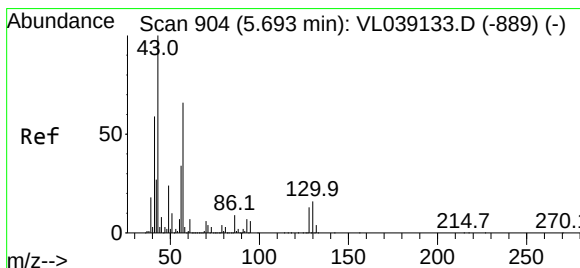
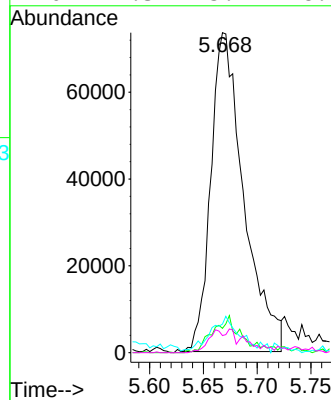
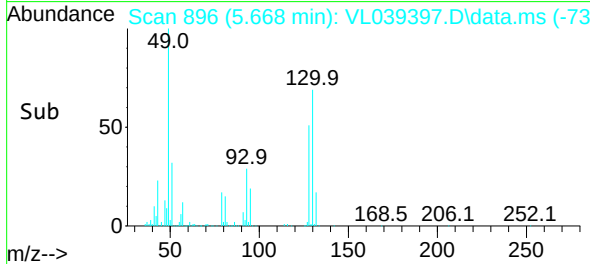
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 156800
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.4
61 11.8 8.3 12.5
70 9.3 5.9 8.9#

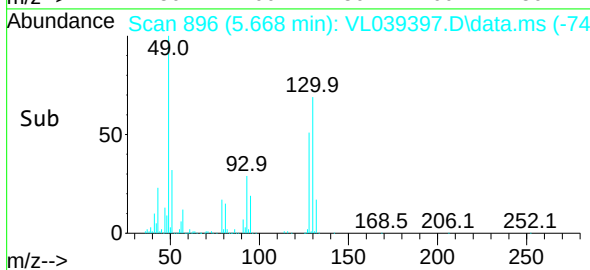
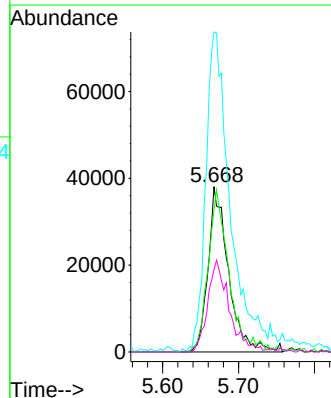
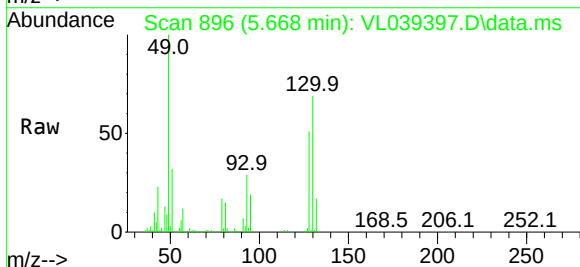
Manual Integrations
APPROVED

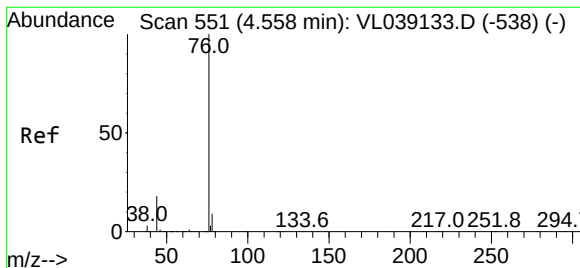
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#26
Hexane
Concen: 0.548 ppbv m
RT: 5.668 min Scan# 896
Delta R.T. -0.003 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

Tgt Ion: 57 Resp: 71062
Ion Ratio Lower Upper
57 100
41 102.2 76.9 115.3
43 251.3 191.0 286.6
56 59.7 43.2 64.8





#27

Carbon Disulfide

Concen: 0.546 ppbv m

RT: 4.542 min Scan# 546

Delta R.T. 0.006 min

Lab File: VL039397.D

Acq: 29 Jun 2022 13:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

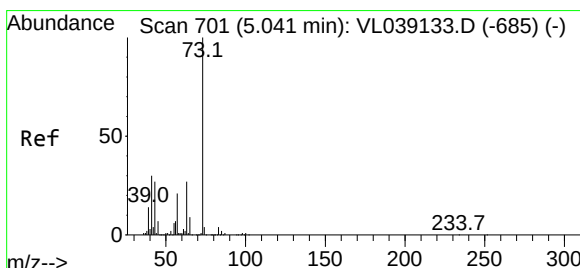
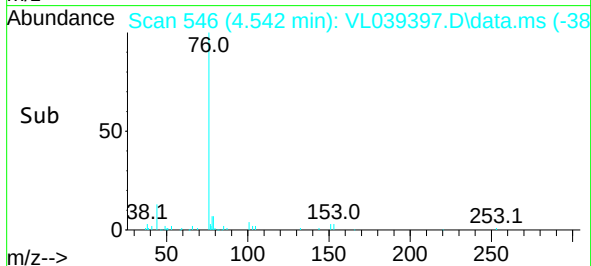
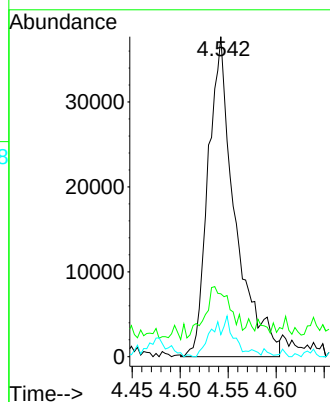
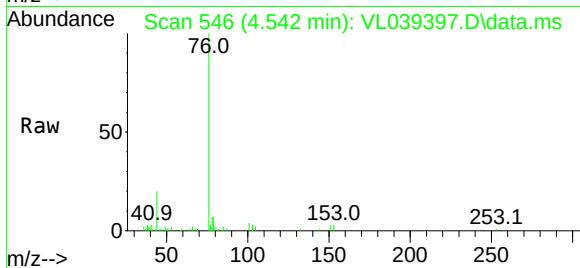
Tgt Ion: 76 Resp: 7335

Ion	Ratio	Lower	Upper
76	100		
44	18.1	14.6	21.8
78	11.7	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#28

Methyl tert-Butyl Ether

Concen: 0.514 ppbv m

RT: 5.034 min Scan# 699

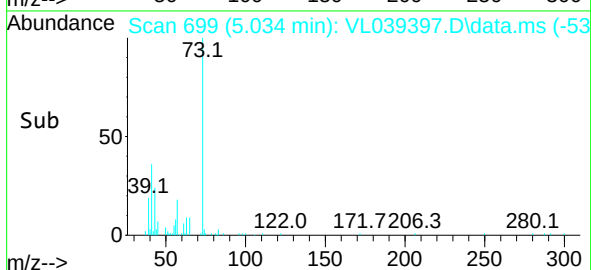
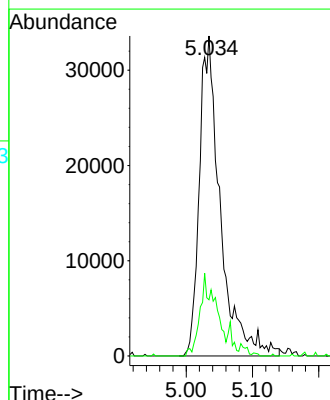
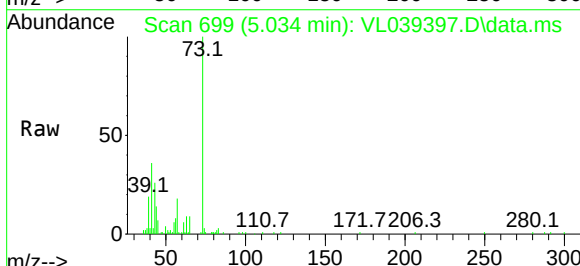
Delta R.T. 0.016 min

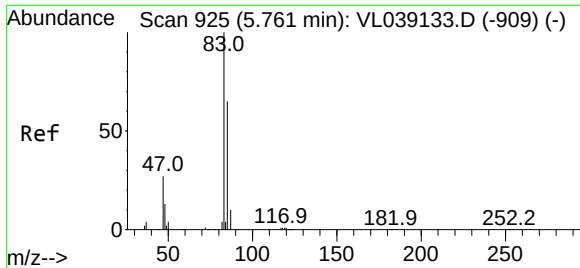
Lab File: VL039397.D

Acq: 29 Jun 2022 13:45

Tgt Ion: 73 Resp: 73483

Ion	Ratio	Lower	Upper
73	100		
57	23.5	19.8	29.8





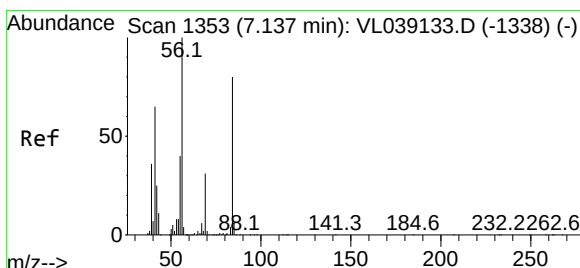
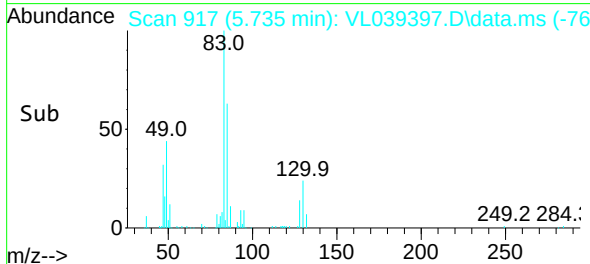
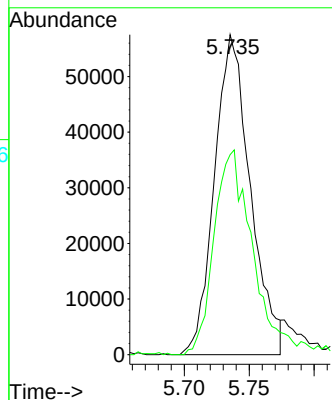
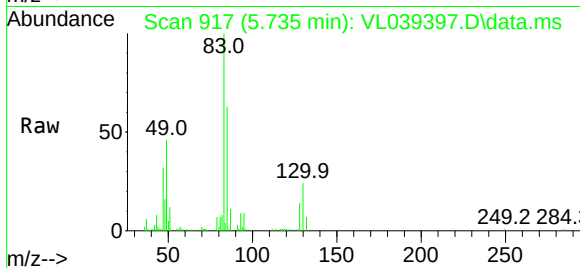
#29
Chloroform
Concen: 0.507 ppbv
RT: 5.735 min Scan# 917
Delta R.T. -0.000 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 110598
Ion Ratio Lower Upper
83 100
85 62.5 52.8 79.2

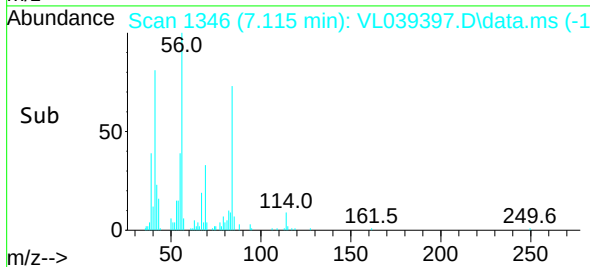
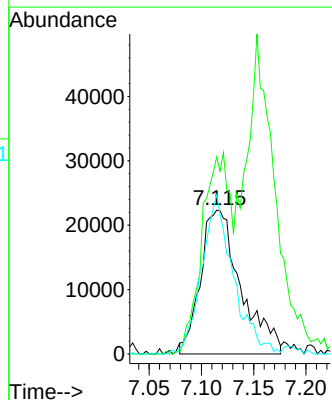
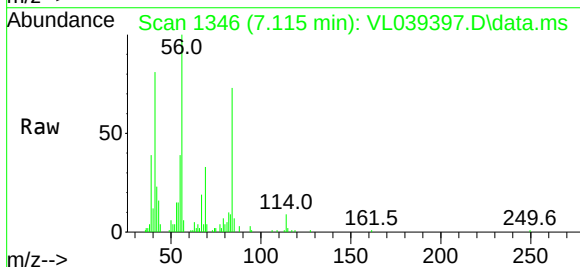
Manual Integrations
APPROVED

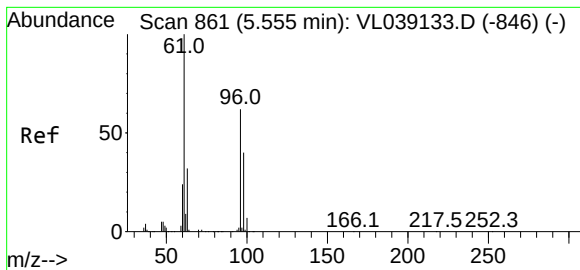
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#30
Cyclohexane
Concen: 0.548 ppbv m
RT: 7.115 min Scan# 1346
Delta R.T. 0.003 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

Tgt Ion: 84 Resp: 59677
Ion Ratio Lower Upper
84 100
56 98.4 107.7 161.5#
41 88.9 67.7 101.5





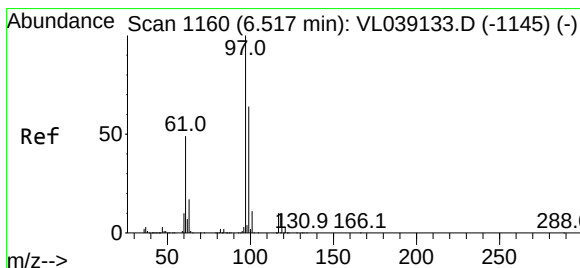
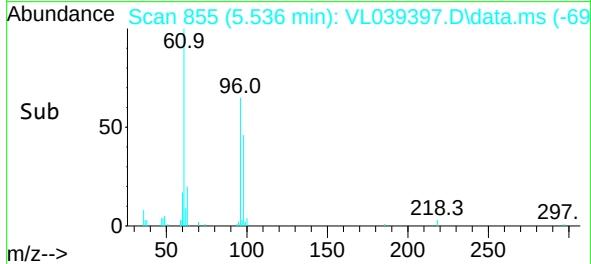
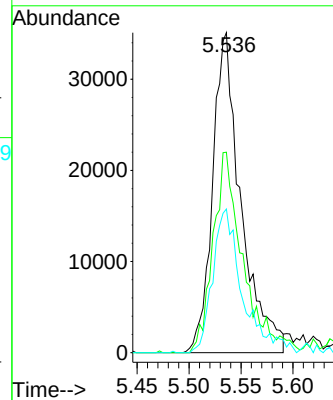
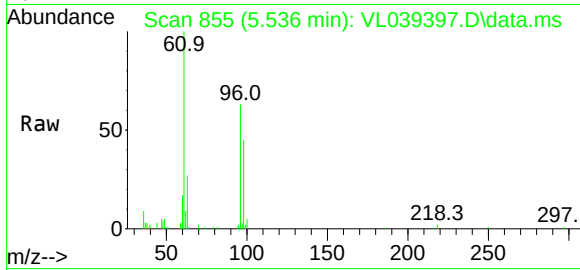
#31
 cis-1,2-Dichloroethene
 Concen: 0.505 ppbv
 RT: 5.536 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL039397.D
 Acq: 29 Jun 2022 13:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 61 Resp: 6666
 Ion Ratio Lower Upper
 61 100
 96 62.7 54.1 81.1
 98 44.9 34.6 52.0

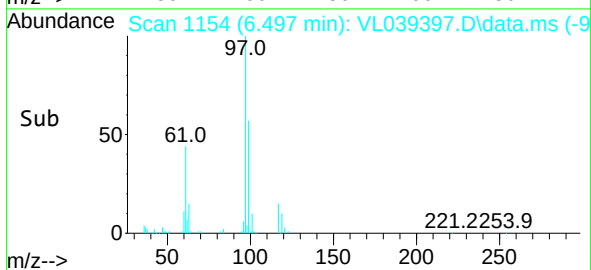
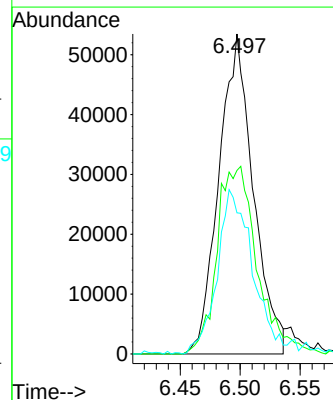
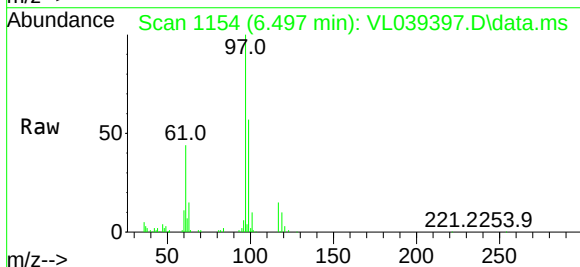
Manual Integrations
 APPROVED

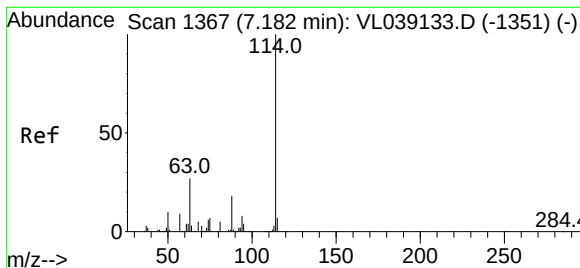
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022



#32
 1,1,1-Trichloroethane
 Concen: 0.500 ppbv
 RT: 6.497 min Scan# 1154
 Delta R.T. 0.003 min
 Lab File: VL039397.D
 Acq: 29 Jun 2022 13:45

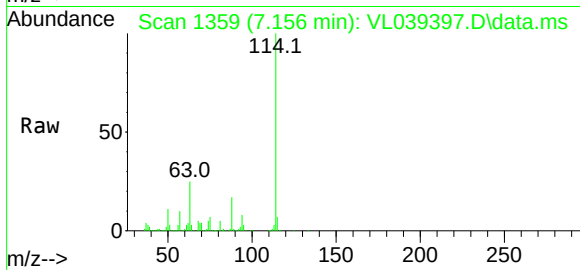
Tgt Ion: 97 Resp: 106613
 Ion Ratio Lower Upper
 97 100
 99 68.6 52.3 78.5
 61 55.8 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.156 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

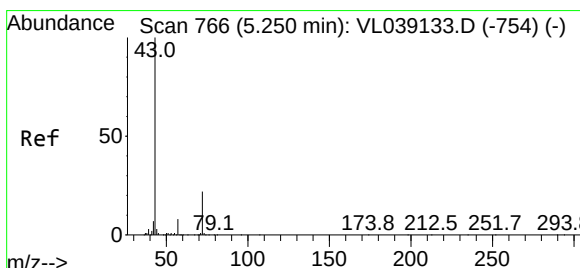
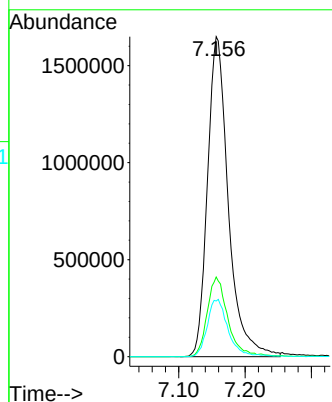
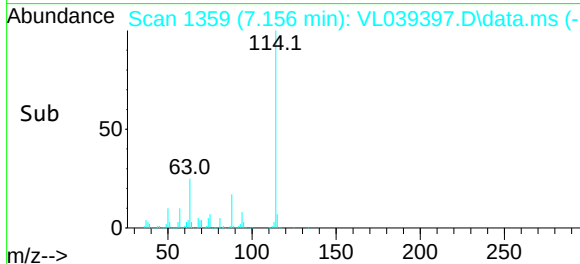
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



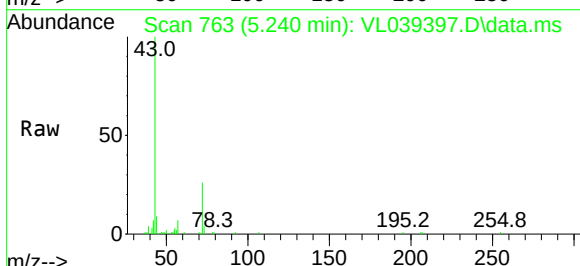
Tgt Ion:114 Resp: 360196
Ion Ratio Lower Upper
114 100
63 24.9 20.2 30.4
88 18.1 14.5 21.7

Manual Integrations
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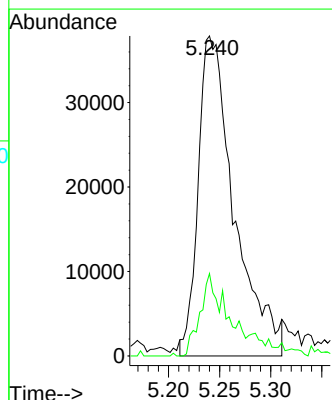
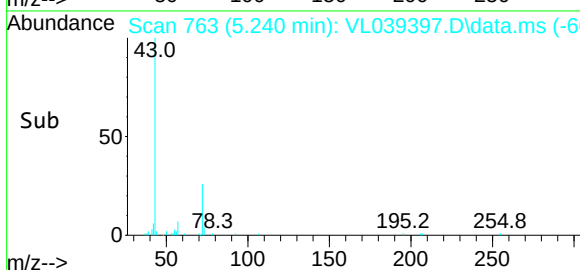
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

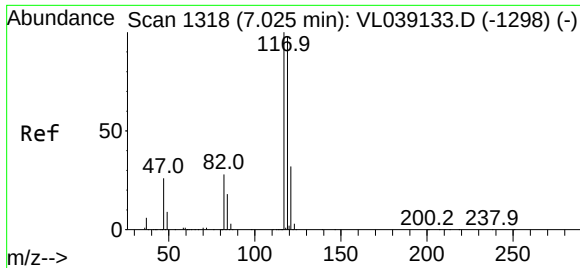


#34
2-Butanone
Concen: 0.475 ppbv m
RT: 5.240 min Scan# 763
Delta R.T. 0.016 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45



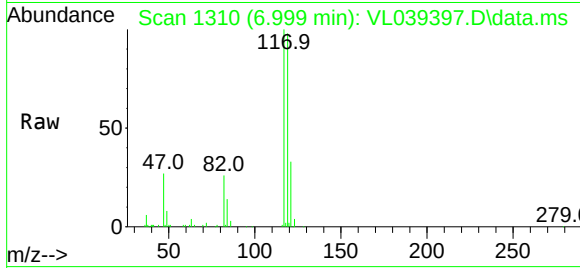
Tgt Ion: 43 Resp: 93049
Ion Ratio Lower Upper
43 100
72 24.6 17.9 26.9





#35
Carbon Tetrachloride
Concen: 0.432 ppbv
RT: 6.999 min Scan# 1136
Delta R.T. -0.000 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

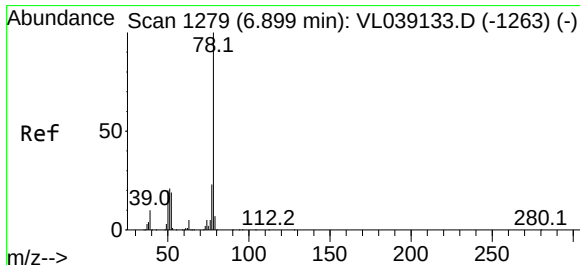
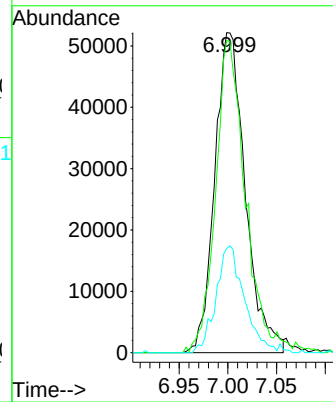
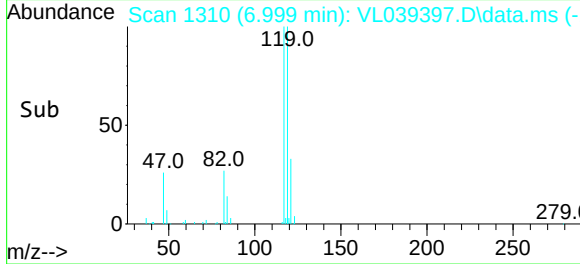
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:117 Resp: 11366
Ion Ratio Lower Upper
117 100
119 97.5 75.4 113.2
121 32.6 24.2 36.2

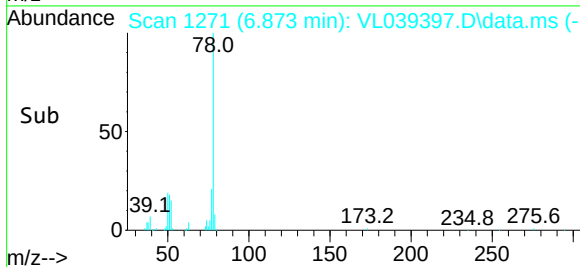
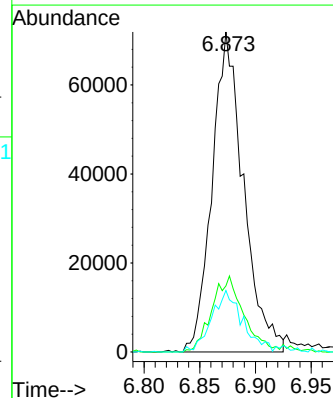
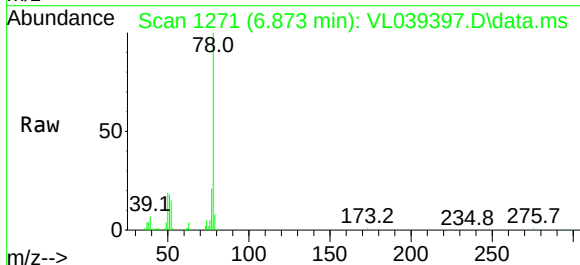
Manual Integrations
APPROVED

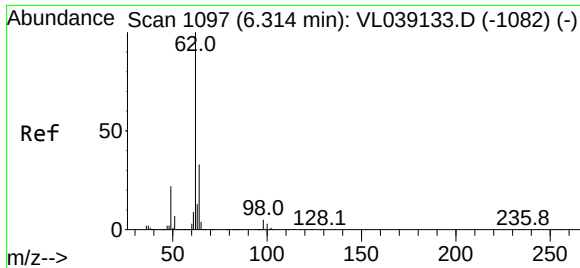
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#36
Benzene
Concen: 0.482 ppbv
RT: 6.873 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

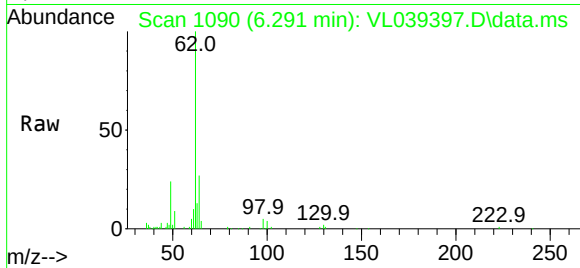
Tgt Ion: 78 Resp: 140829
Ion Ratio Lower Upper
78 100
77 20.8 20.3 30.5
50 19.4 15.5 23.3





#37
1,2-Dichloroethane
Concen: 0.446 ppbv m
RT: 6.291 min Scan# 1097
Delta R.T. 0.003 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

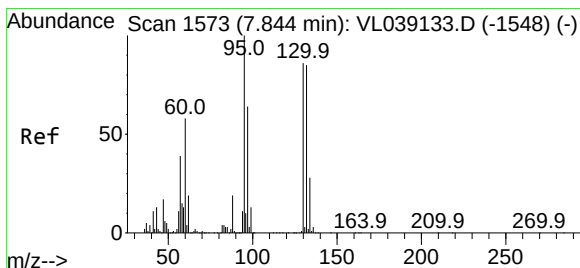
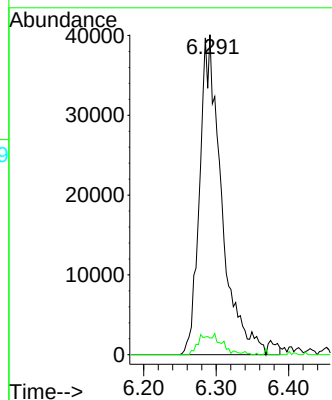
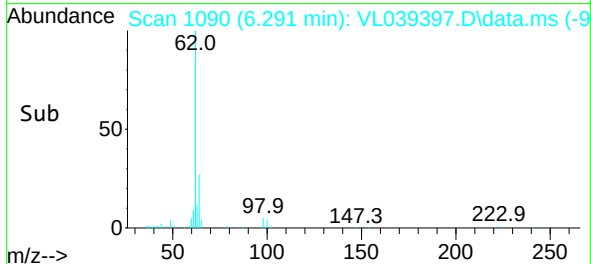
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 62 Resp: 85810
Ion Ratio Lower Upper
62 100
98 0.0 5.1 7.7

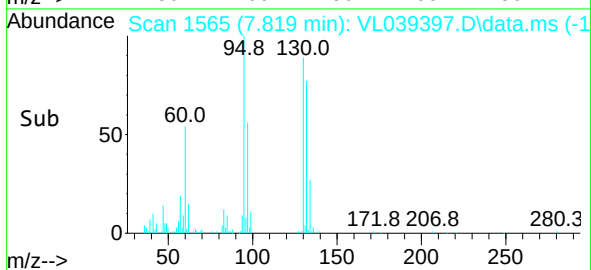
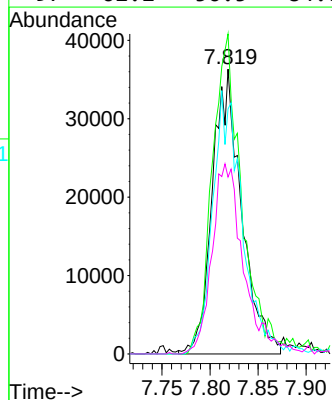
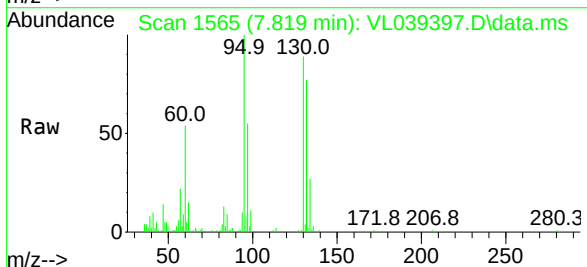
Manual Integrations
APPROVED

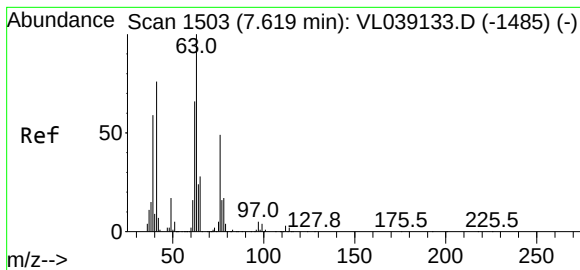
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#38
Trichloroethene
Concen: 0.573 ppbv m
RT: 7.819 min Scan# 1565
Delta R.T. 0.003 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

Tgt Ion:130 Resp: 76931
Ion Ratio Lower Upper
130 100
95 112.4 87.3 130.9
132 86.0 76.7 115.1
97 62.2 56.5 84.7





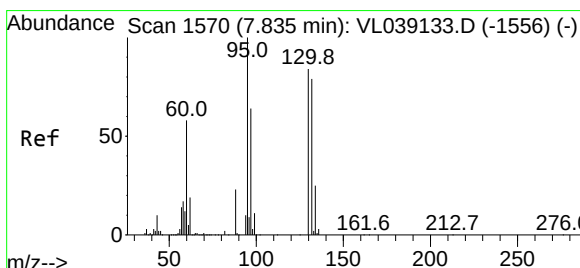
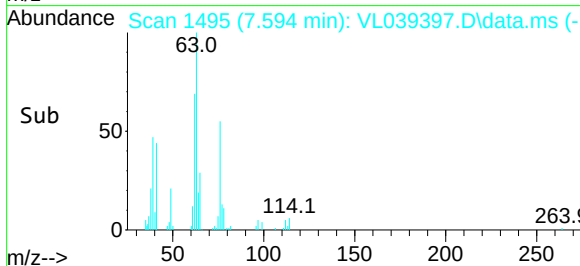
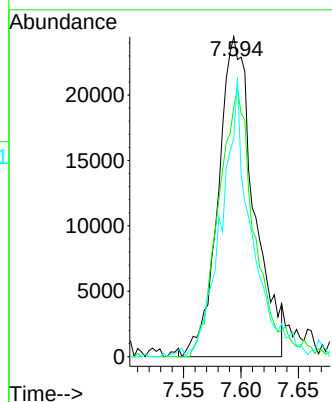
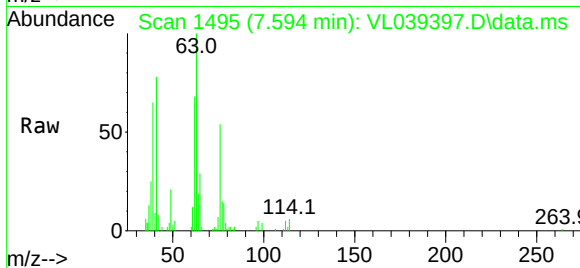
#39
1,2-Dichloropropane
Concen: 0.452 ppbv m
RT: 7.594 min Scan# 1495
Delta R.T. -0.000 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

Instrument : MSVOA_L
ClientSampleId : VSTDIC0.5

Tgt Ion: 63 Resp: 5261
Ion Ratio Lower Upper
63 100
41 78.2 59.6 89.4
62 68.0 51.4 77.0

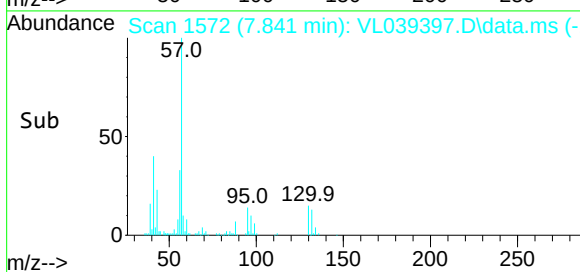
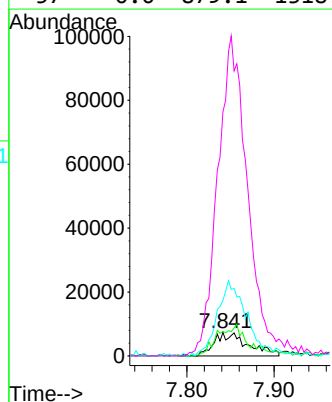
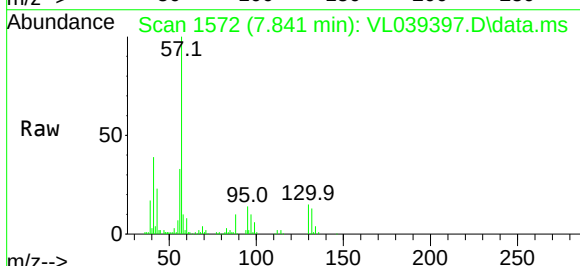
Manual Integrations
APPROVED

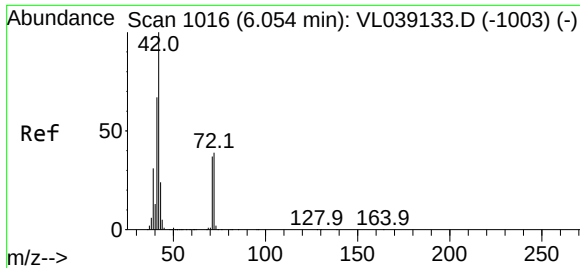
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#40
1,4-Dioxane
Concen: 0.516 ppbv m
RT: 7.841 min Scan# 1572
Delta R.T. 0.032 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

Tgt Ion: 88 Resp: 19752
Ion Ratio Lower Upper
88 100
58 0.0 100.2 150.4#
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





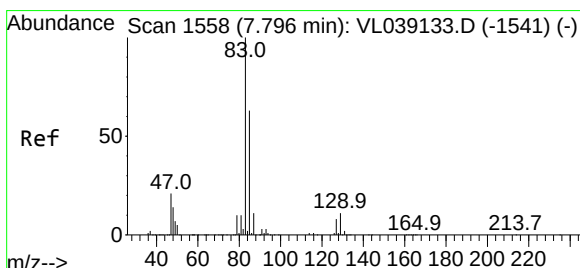
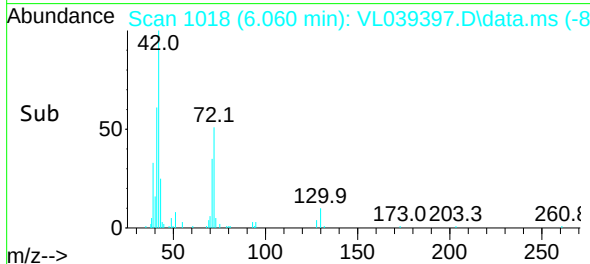
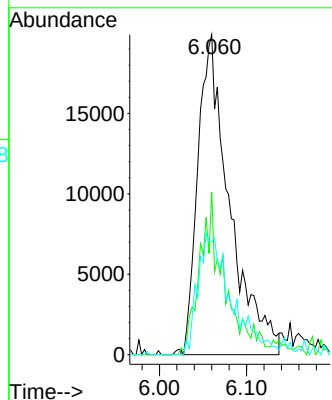
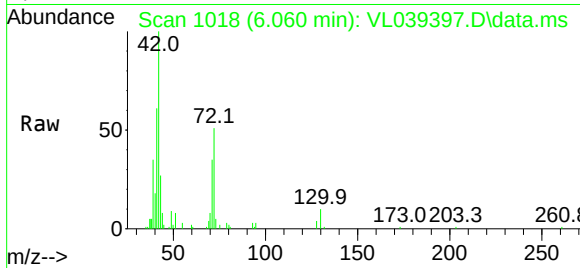
#41
Tetrahydrofuran
Concen: 0.428 ppbv
RT: 6.060 min Scan# 1016
Delta R.T. 0.032 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 42 Resp: 50358
Ion Ratio Lower Upper
42 100
72 41.5 31.8 47.8
71 41.7 31.8 47.8

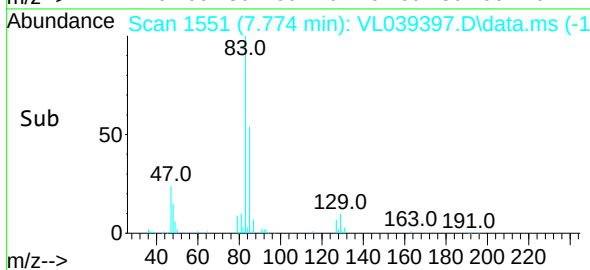
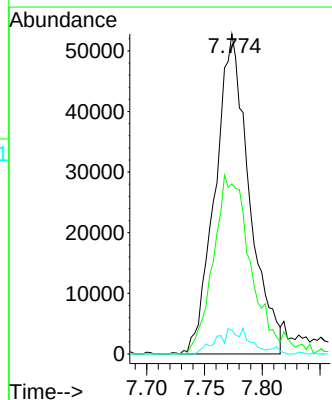
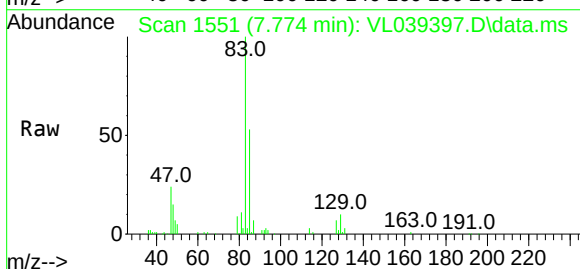
Manual Integrations
APPROVED

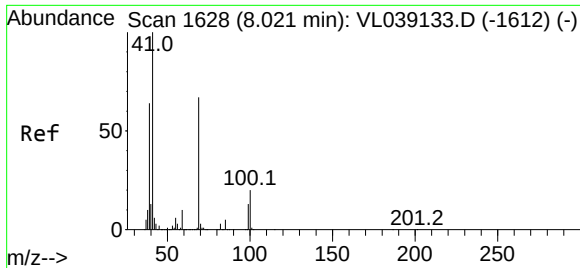
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#42
Bromodichloromethane
Concen: 0.407 ppbv
RT: 7.774 min Scan# 1551
Delta R.T. 0.003 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

Tgt Ion: 83 Resp: 108749
Ion Ratio Lower Upper
83 100
85 53.1 50.7 76.1
127 7.4 6.6 9.8





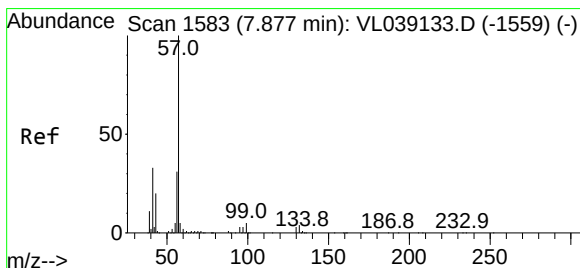
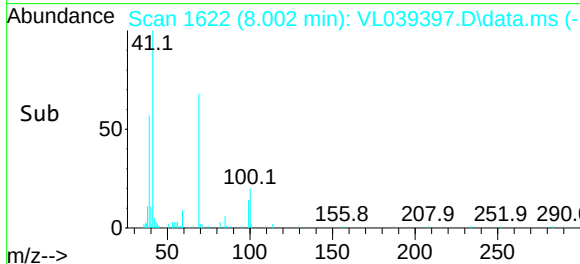
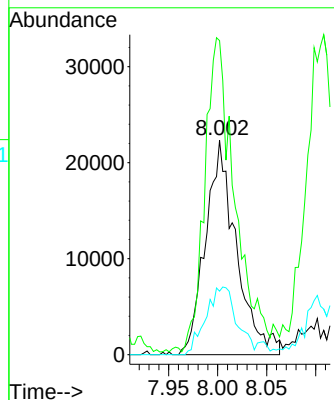
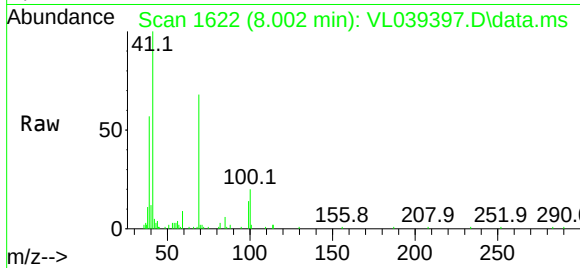
#43
Methyl Methacrylate
Concen: 0.428 ppbv m
RT: 8.002 min Scan# 1
Delta R.T. 0.006 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 48800
Ion Ratio Lower Upper
69 100
41 145.2 120.8 181.2
100 33.8 27.8 41.6

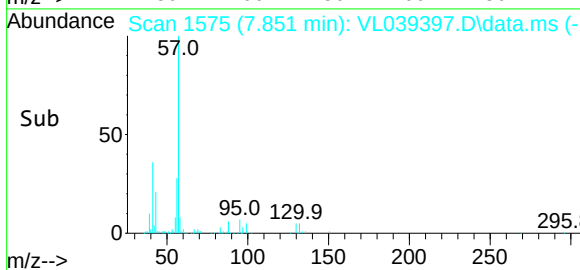
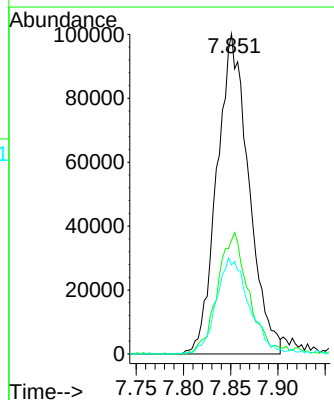
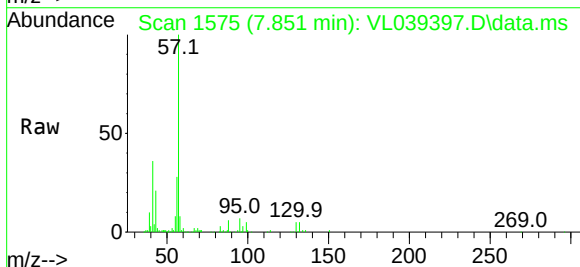
Manual Integrations
APPROVED

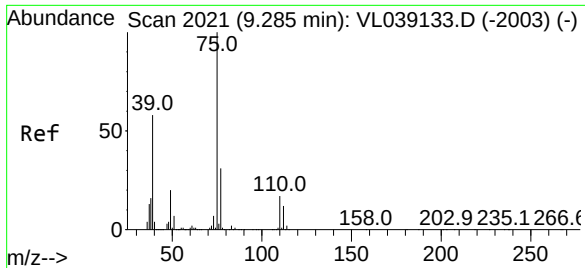
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#44
2,2,4-Trimethylpentane
Concen: 0.458 ppbv
RT: 7.851 min Scan# 1575
Delta R.T. -0.000 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

Tgt Ion: 57 Resp: 234392
Ion Ratio Lower Upper
57 100
41 38.1 27.4 41.2
56 31.7 24.5 36.7





#45

t-1,3-Dichloropropene

Concen: 0.331 ppbv m

RT: 9.266 min Scan# 2021

Delta R.T. 0.006 min

Lab File: VL039397.D

Acq: 29 Jun 2022 13:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 75 Resp: 39218

Ion Ratio Lower Upper

75 100

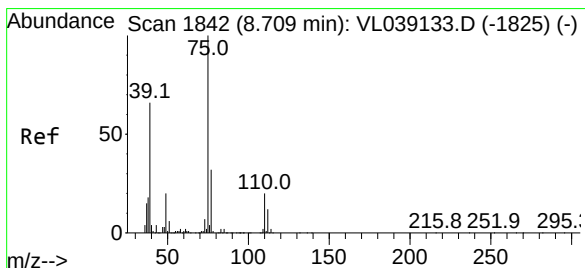
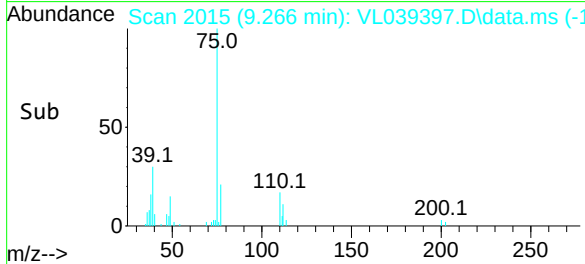
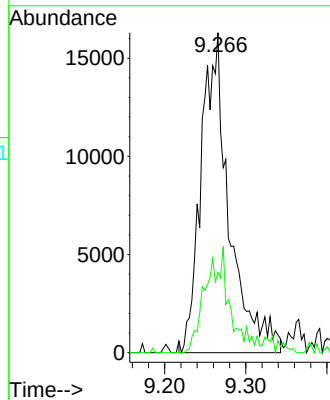
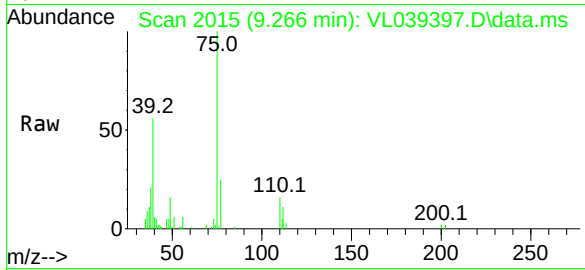
77 25.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#46

cis-1,3-Dichloropropene

Concen: 0.349 ppbv m

RT: 8.684 min Scan# 1834

Delta R.T. 0.003 min

Lab File: VL039397.D

Acq: 29 Jun 2022 13:45

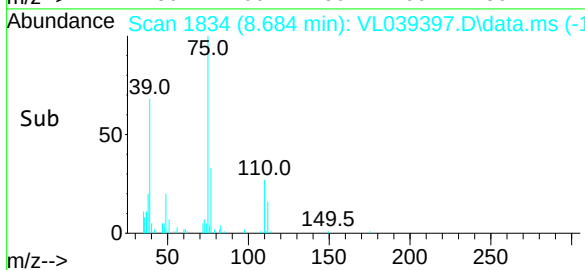
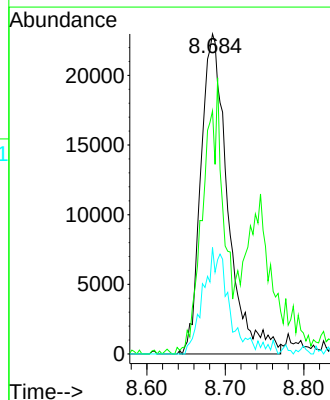
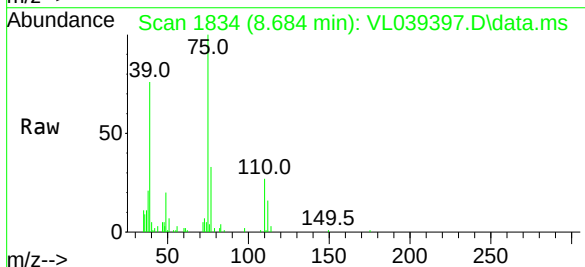
Tgt Ion: 75 Resp: 54752

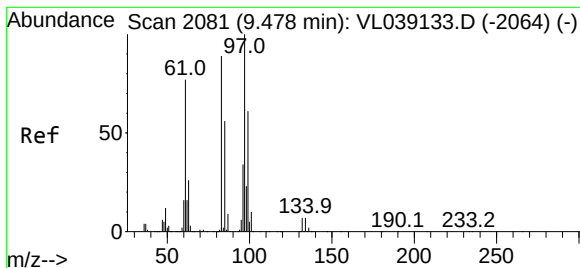
Ion Ratio Lower Upper

75 100

39 76.0 55.0 82.4

77 33.3 25.7 38.5





#47

1,1,2-Trichloroethane

Concen: 0.474 ppbv

RT: 9.452 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VL039397.D

Acq: 29 Jun 2022 13:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 97 Resp: 57470

Ion Ratio Lower Upper

97 100

83 88.9 67.4 101.0

85 50.2 45.1 67.7

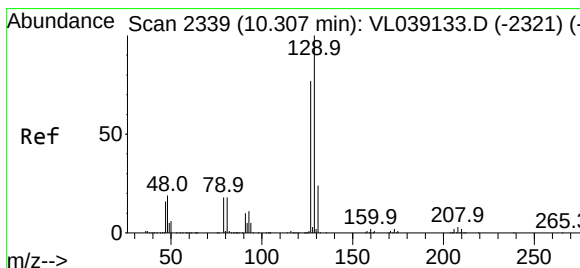
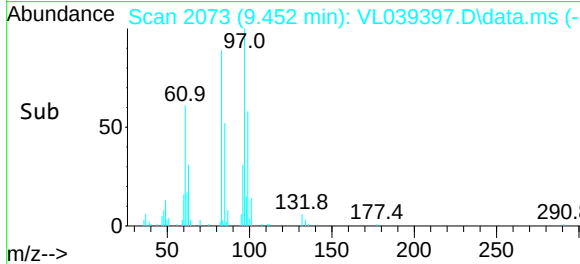
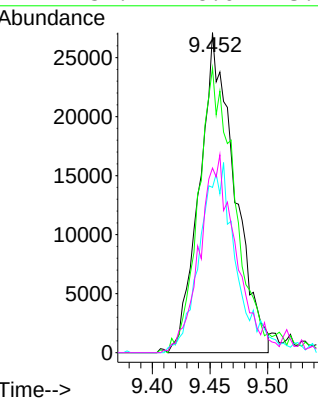
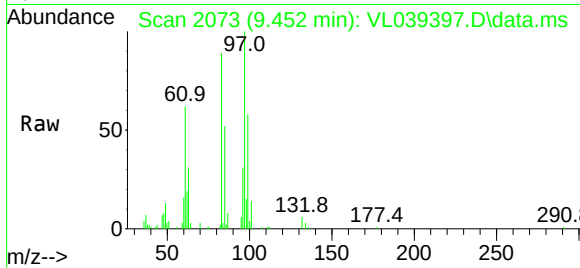
99 57.1 48.6 73.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#48

Dibromochloromethane

Concen: 0.361 ppbv

RT: 10.282 min Scan# 2331

Delta R.T. -0.000 min

Lab File: VL039397.D

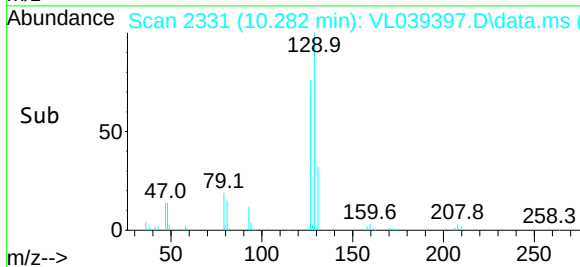
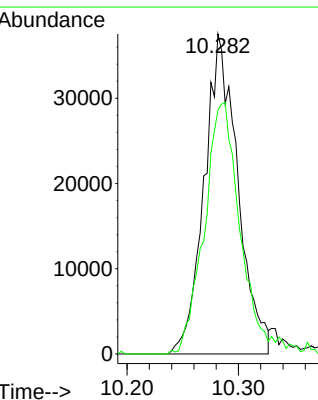
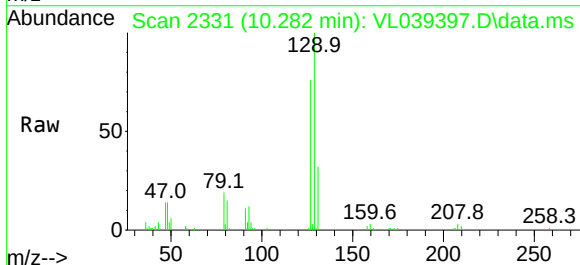
Acq: 29 Jun 2022 13:45

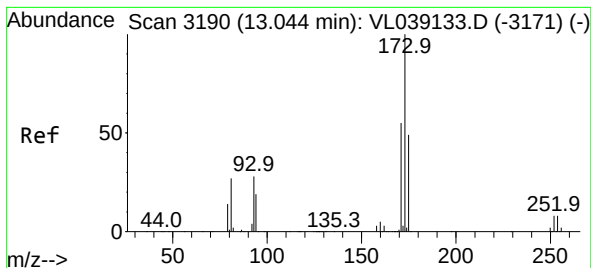
Tgt Ion:129 Resp: 78237

Ion Ratio Lower Upper

129 100

127 85.8 39.3 117.9





#49

Bromoform

Concen: 0.342 ppbv m

RT: 13.011 min Scan# 3190

Delta R.T. -0.003 min

Lab File: VL039397.D

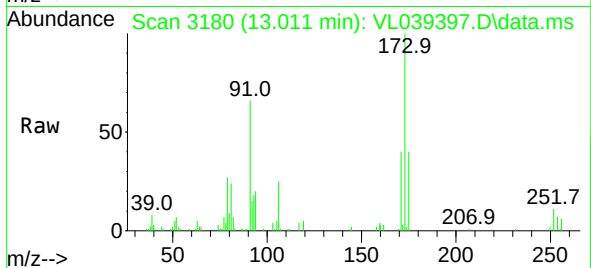
Acq: 29 Jun 2022 13:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

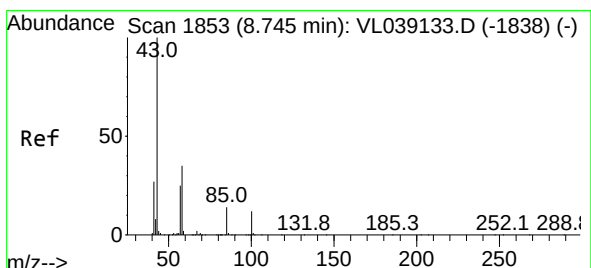
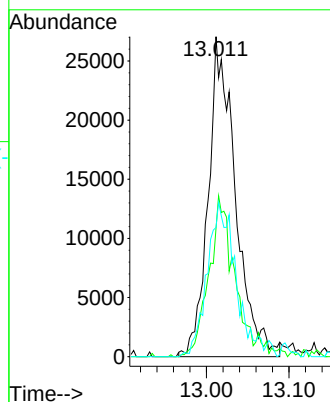
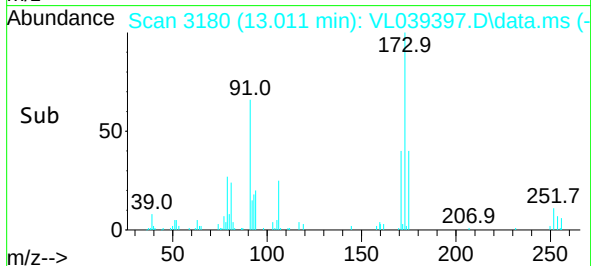


Tgt Ion:	173	Resp:	6183
Ion Ratio	Lower	Upper	
173	100		
175	49.2	40.3	60.5
171	53.2	42.9	64.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#50

4-Methyl-2-Pentanone

Concen: 0.437 ppbv m

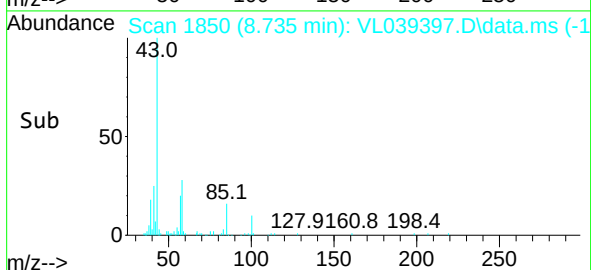
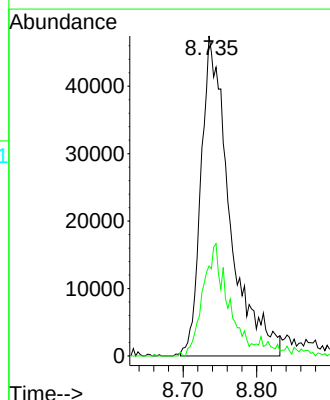
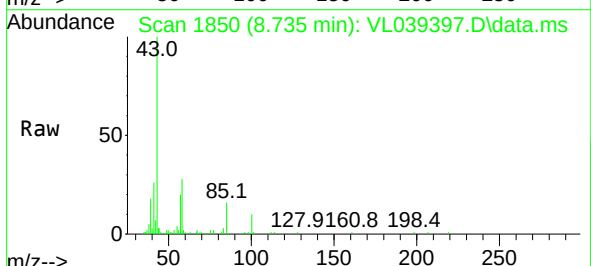
RT: 8.735 min Scan# 1850

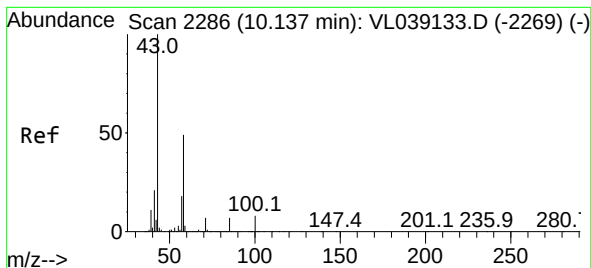
Delta R.T. 0.016 min

Lab File: VL039397.D

Acq: 29 Jun 2022 13:45

Tgt Ion:	43	Resp:	128032
Ion Ratio	Lower	Upper	
43	100		
58	30.7	28.8	43.2





#51

2-Hexanone

Concen: 0.377 ppbv m

RT: 10.124 min Scan# 2286

Delta R.T. 0.016 min

Lab File: VL039397.D

Acq: 29 Jun 2022 13:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

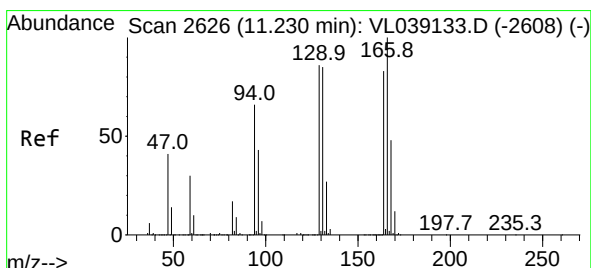
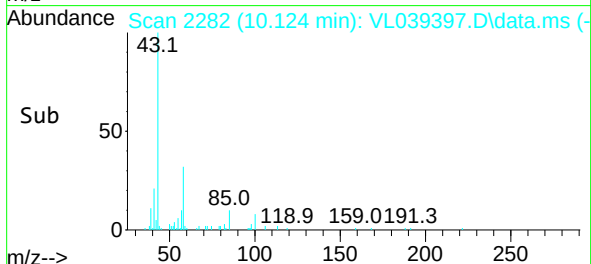
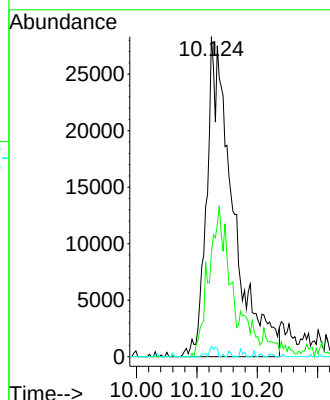
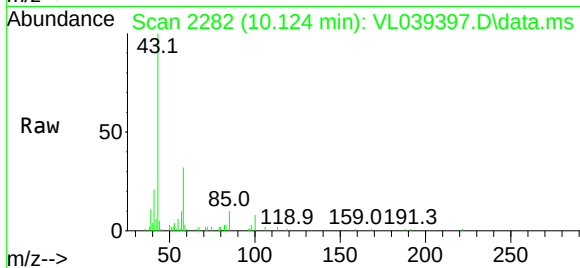
Tgt Ion: 43	Resp: 85998
Ion Ratio	Lower Upper
43 100	
58 0.0	38.4 57.6
98 1.0	0.3 0.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#52

Tetrachloroethene

Concen: 0.471 ppbv m

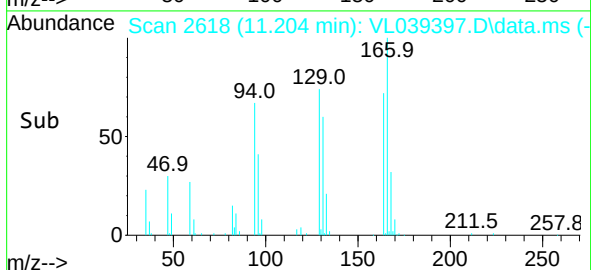
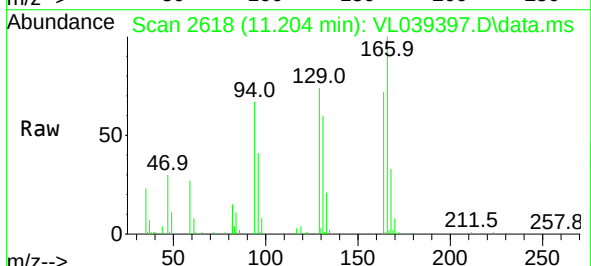
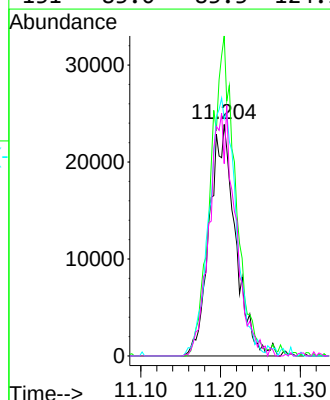
RT: 11.204 min Scan# 2618

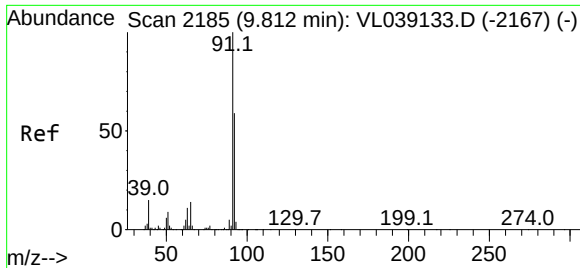
Delta R.T. 0.006 min

Lab File: VL039397.D

Acq: 29 Jun 2022 13:45

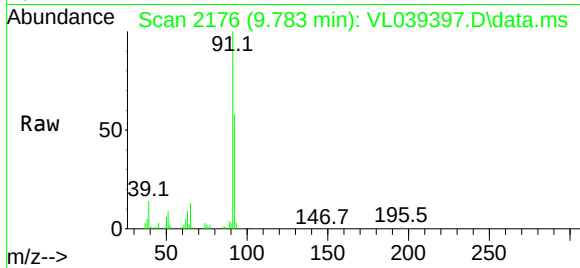
Tgt Ion:164	Resp: 53725
Ion Ratio	Lower Upper
164 100	
166 138.2	102.2 153.2
129 102.3	85.8 128.8
131 83.0	83.3 124.9





#53
Toluene
Concen: 0.447 ppbv m
RT: 9.783 min Scan# 2185
Delta R.T. -0.000 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

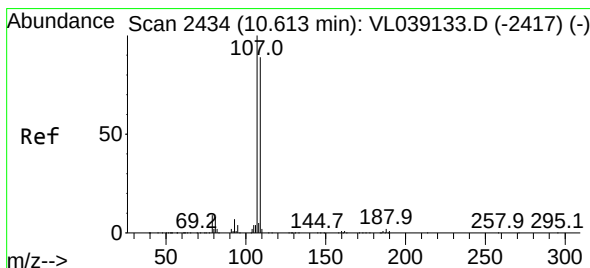
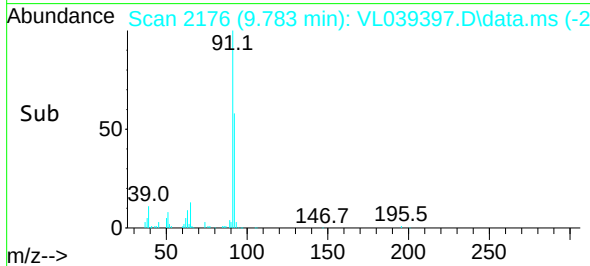
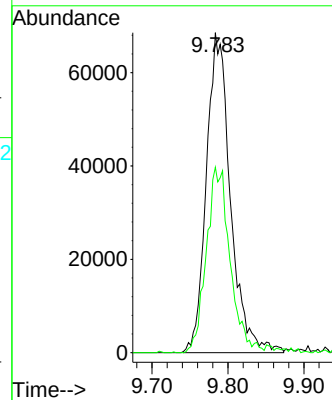
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 91 Resp: 150558
Ion Ratio Lower Upper
91 100
92 58.7 48.2 72.2

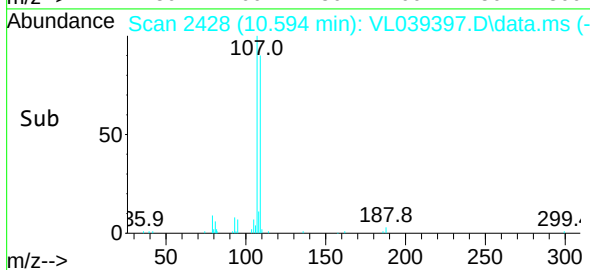
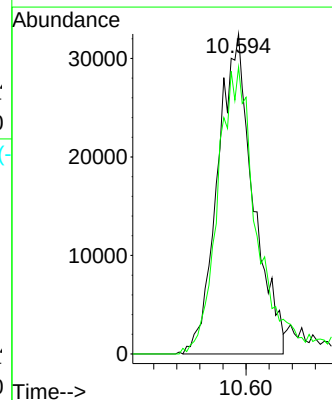
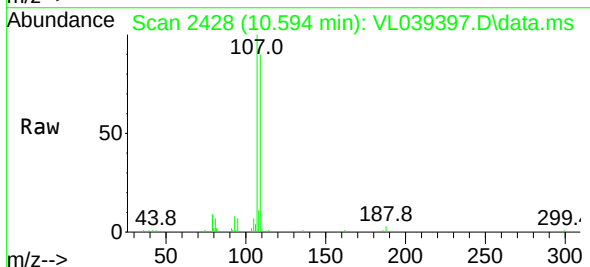
Manual Integrations
APPROVED

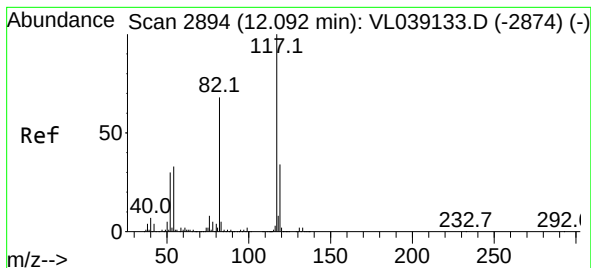
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#54
1,2-Dibromoethane
Concen: 0.425 ppbv
RT: 10.594 min Scan# 2428
Delta R.T. 0.006 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

Tgt Ion:107 Resp: 69363
Ion Ratio Lower Upper
107 100
109 87.9 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.063 min Scan# 2885

Delta R.T. -0.003 min

Lab File: VL039397.D

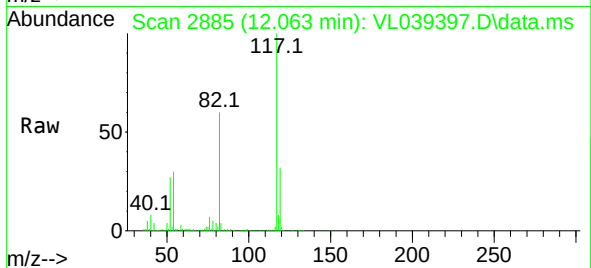
Acq: 29 Jun 2022 13:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5



Tgt Ion:117 Resp: 320497

Ion Ratio Lower Upper

117 100

82 64.0 50.8 76.2

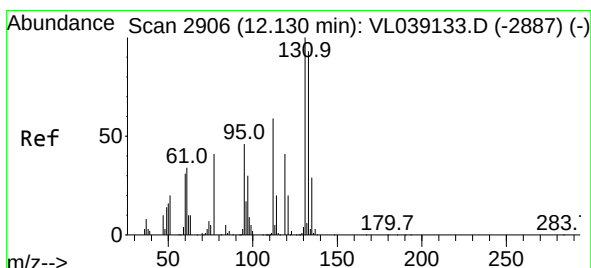
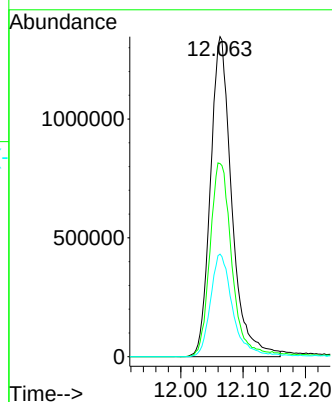
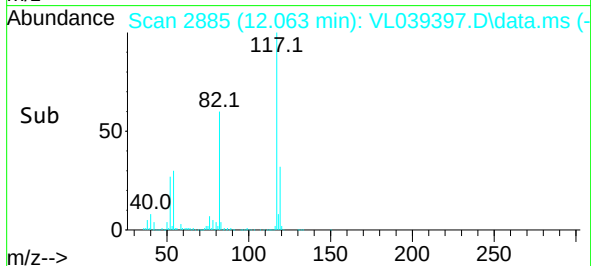
119 33.9 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 0.481 ppbv

RT: 12.105 min Scan# 2898

Delta R.T. -0.000 min

Lab File: VL039397.D

Acq: 29 Jun 2022 13:45

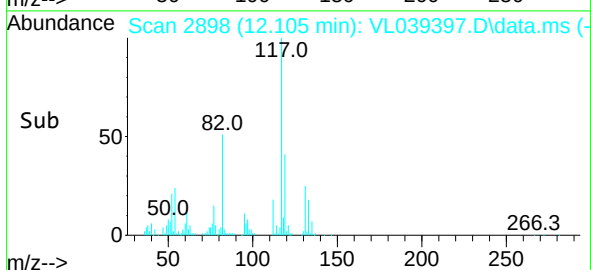
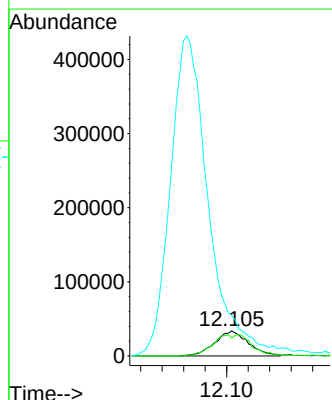
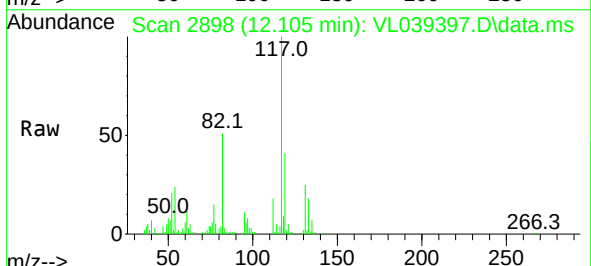
Tgt Ion:131 Resp: 73001

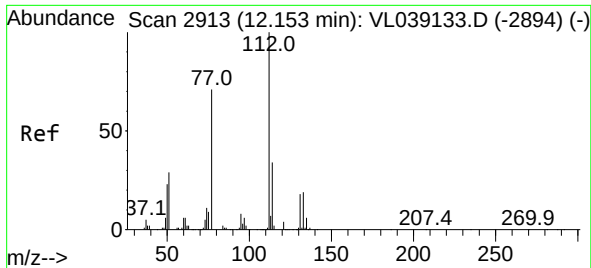
Ion Ratio Lower Upper

131 100

133 99.4 76.8 115.2

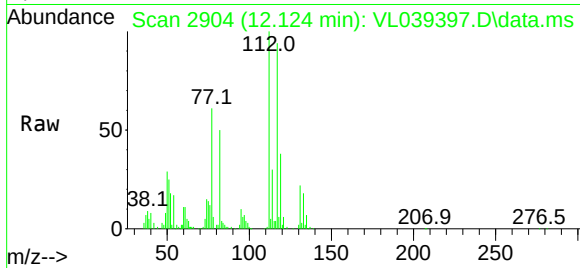
119 1487.4 46.2 69.4#





#57
Chlorobenzene
Concen: 0.534 ppbv
RT: 12.124 min Scan# 2913
Delta R.T. 0.003 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

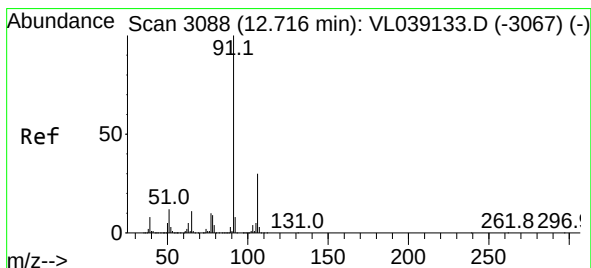
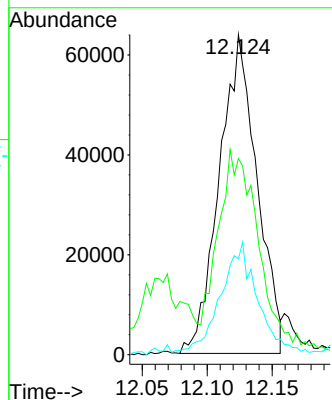
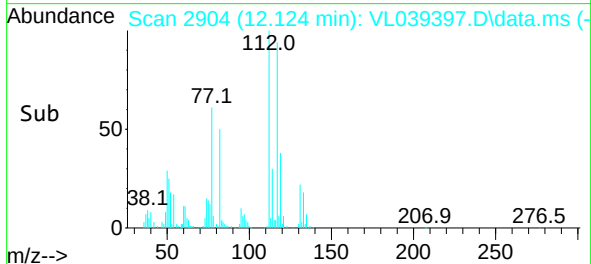
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



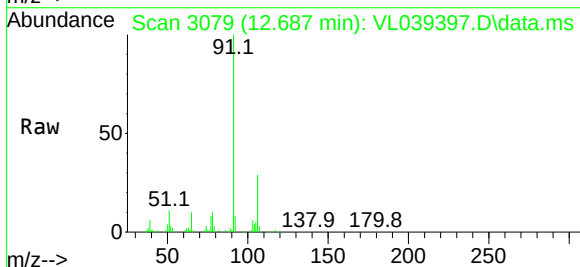
Tgt Ion: 112 Resp: 12885
Ion Ratio Lower Upper
112 100
77 51.8 51.0 76.4
114 28.8 27.5 33.6

Manual Integrations
APPROVED

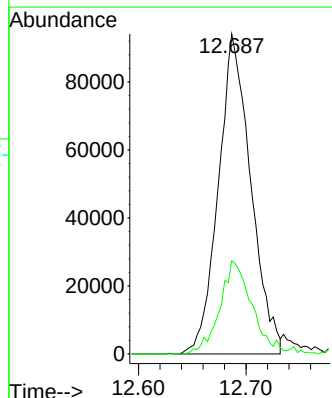
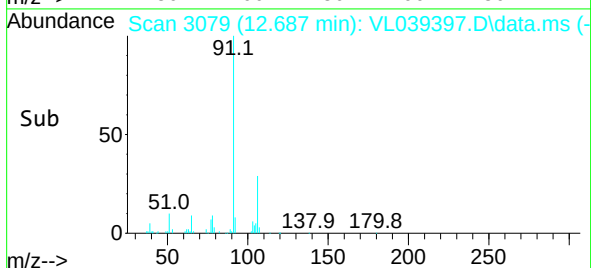
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

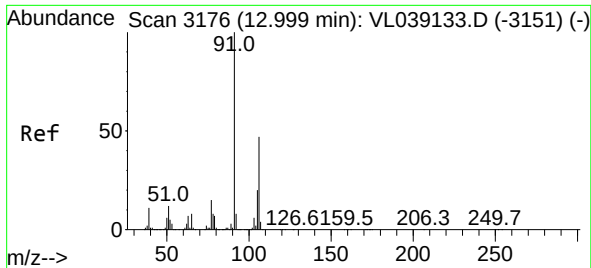


#58
Ethyl Benzene
Concen: 0.446 ppbv
RT: 12.687 min Scan# 3079
Delta R.T. -0.000 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45



Tgt Ion: 91 Resp: 196965
Ion Ratio Lower Upper
91 100
106 29.1 25.4 38.0





#59

m/p-Xylene

Concen: 0.927 ppbv m

RT: 12.973 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL039397.D

Acq: 29 Jun 2022 13:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 91 Resp: 360329

Ion Ratio Lower Upper

91 100

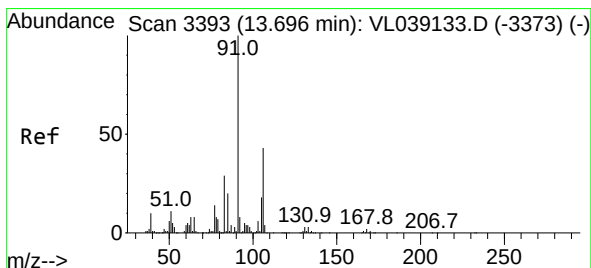
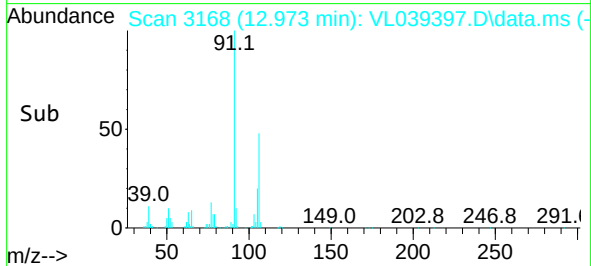
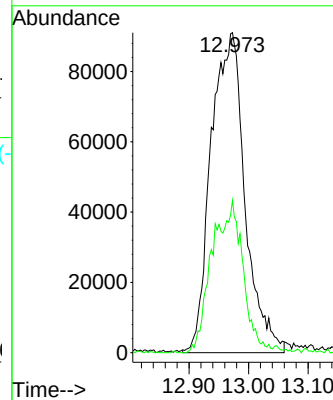
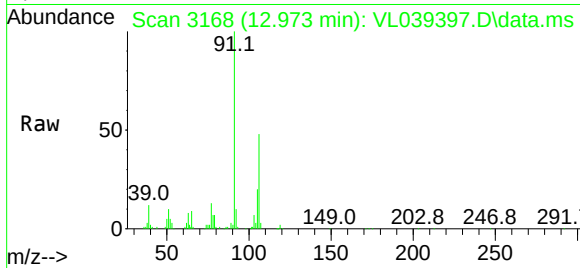
106 44.0 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#60

o-Xylene

Concen: 0.453 ppbv

RT: 13.671 min Scan# 3385

Delta R.T. 0.003 min

Lab File: VL039397.D

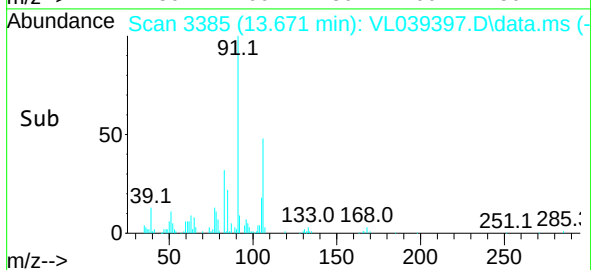
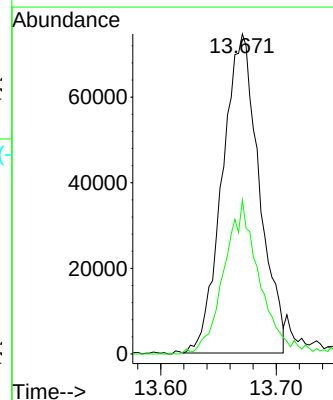
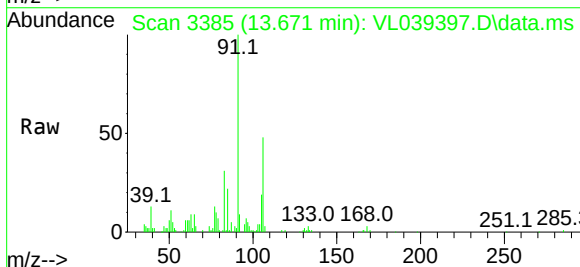
Acq: 29 Jun 2022 13:45

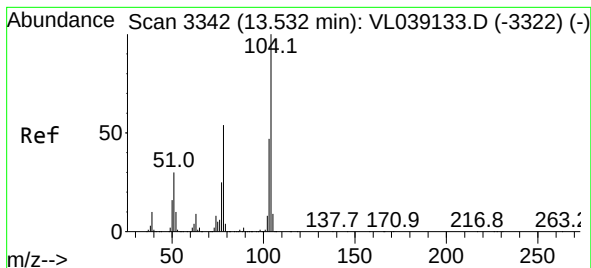
Tgt Ion: 91 Resp: 165369

Ion Ratio Lower Upper

91 100

106 47.3 22.4 67.3





#61

Styrene

Concen: 0.401 ppbv

RT: 13.510 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL039397.D

Acq: 29 Jun 2022 13:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

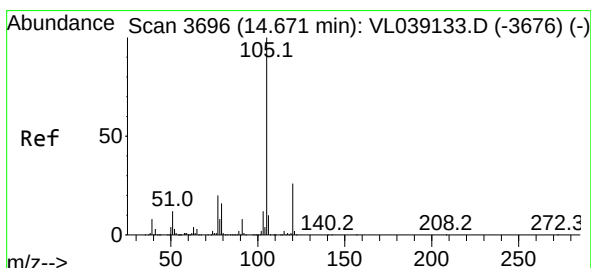
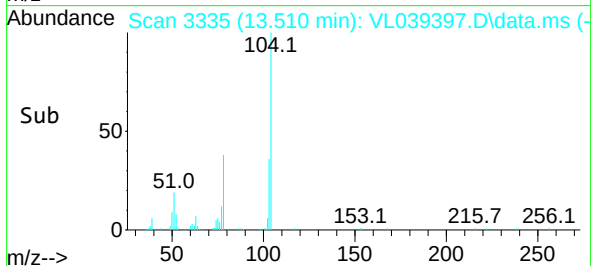
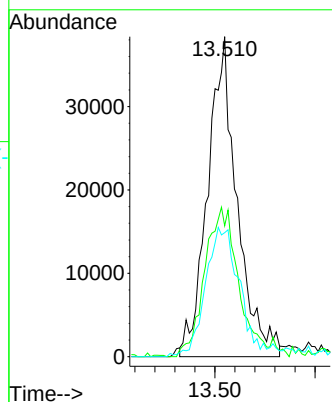
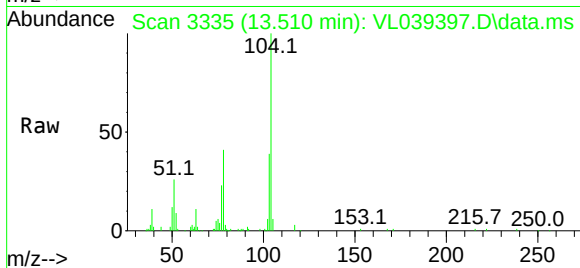
Tgt Ion:104	Resp:	78340
Ion Ratio	Lower	Upper
104	100	
78	55.6	41.2 61.8
103	49.0	38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#62

Isopropylbenzene

Concen: 0.482 ppbv

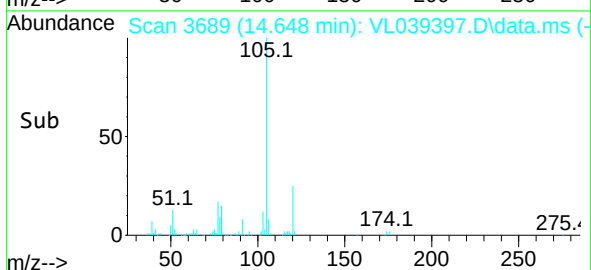
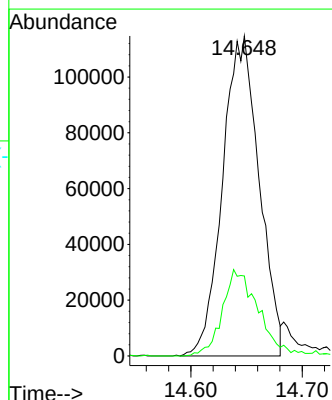
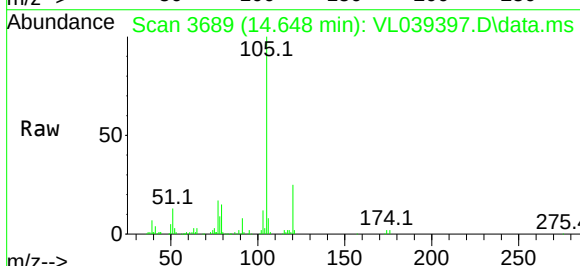
RT: 14.648 min Scan# 3689

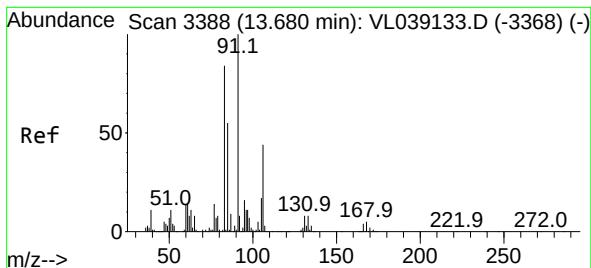
Delta R.T. 0.003 min

Lab File: VL039397.D

Acq: 29 Jun 2022 13:45

Tgt Ion:105	Resp:	261796
Ion Ratio	Lower	Upper
105	100	
120	27.0	20.7 31.1





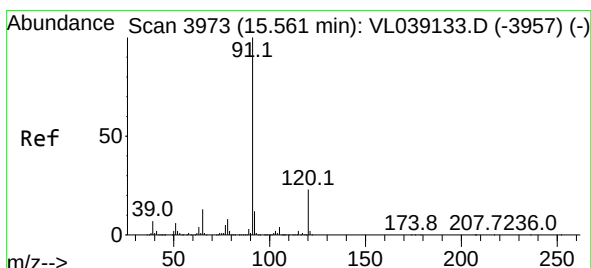
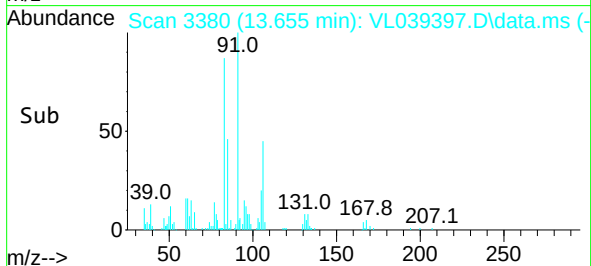
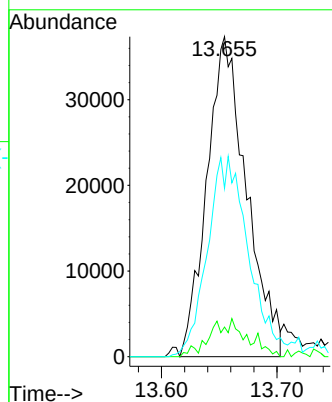
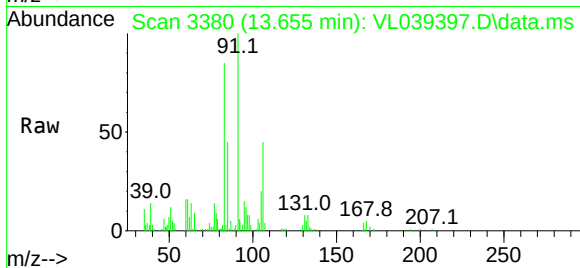
#63
1,1,2,2-Tetrachloroethane
Concen: 0.433 ppbv
RT: 13.655 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 8886
Ion Ratio Lower Upper
83 100
131 11.0 5.3 15.8
85 66.3 33.1 99.5

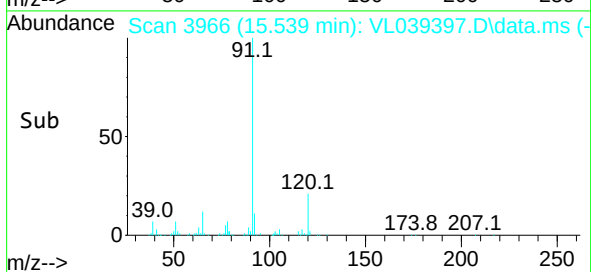
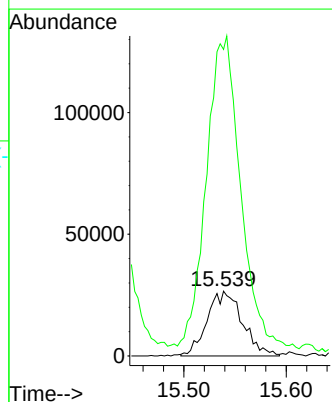
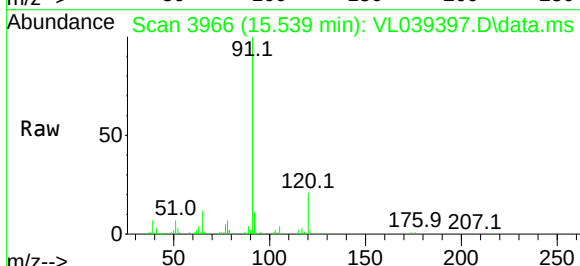
Manual Integrations
APPROVED

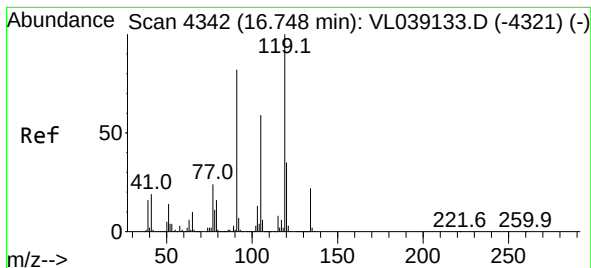
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#64
n-propylbenzene
Concen: 0.476 ppbv m
RT: 15.539 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

Tgt Ion:120 Resp: 63560
Ion Ratio Lower Upper
120 100
91 0.0 367.2 550.8#





#65

tert-Butylbenzene

Concen: 0.489 ppbv

RT: 16.722 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL039397.D

Acq: 29 Jun 2022 13:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

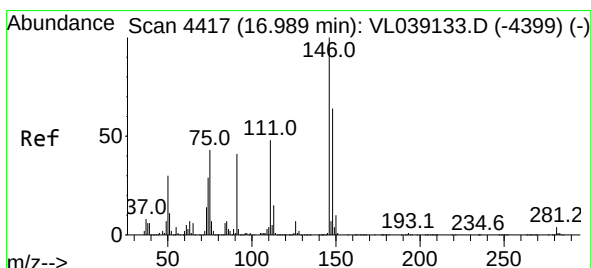
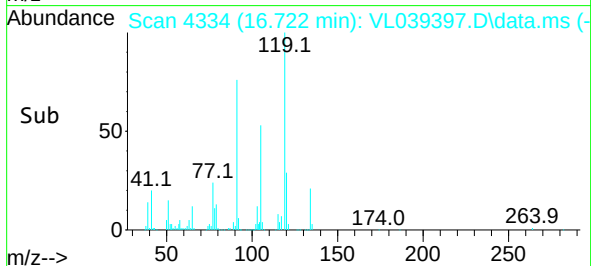
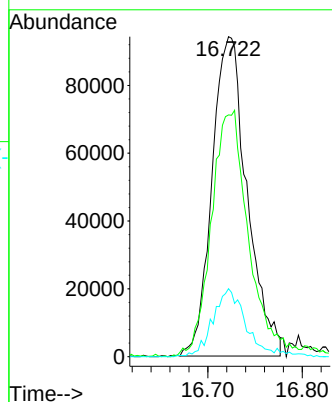
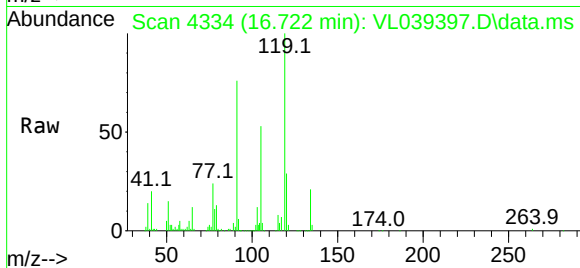
Tgt Ion: 119 Resp: 24297

Ion	Ratio	Lower	Upper
119	100		
91	84.1	63.4	95.2
134	20.4	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#66

Benzyl Chloride

Concen: 0.267 ppbv m

RT: 16.969 min Scan# 4411

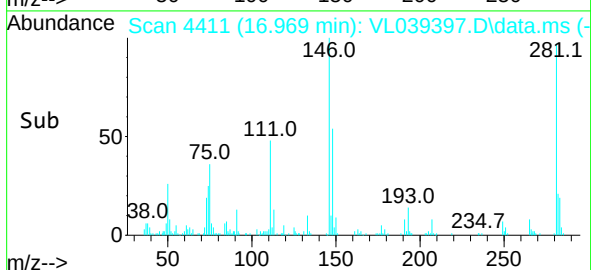
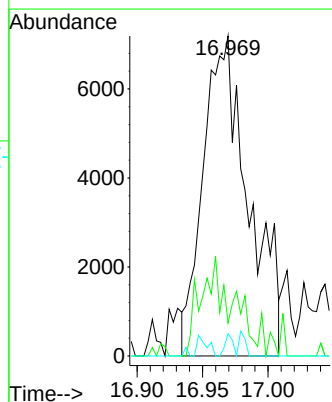
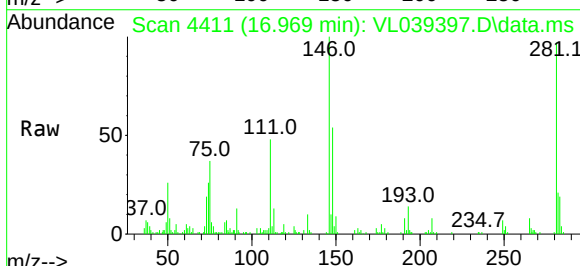
Delta R.T. 0.006 min

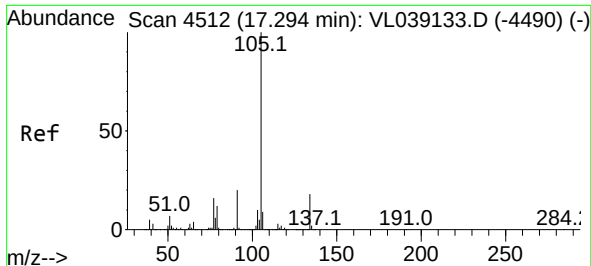
Lab File: VL039397.D

Acq: 29 Jun 2022 13:45

Tgt Ion: 91 Resp: 17253

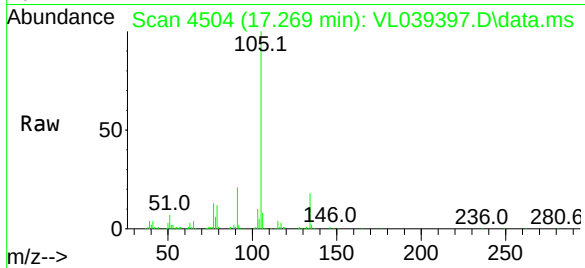
Ion	Ratio	Lower	Upper
91	100		
126	24.2	13.1	19.7#
128	3.8	4.4	6.6#





#67
 sec-Butylbenzene
 Concen: 0.465 ppbv
 RT: 17.269 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL039397.D
 Acq: 29 Jun 2022 13:45

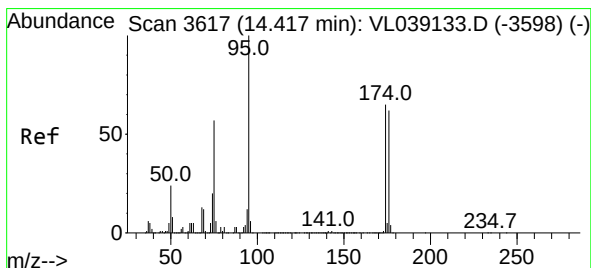
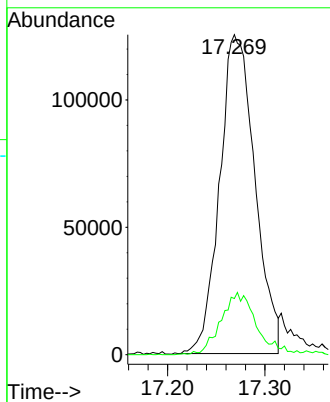
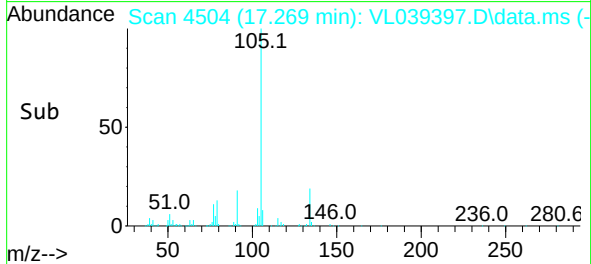
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5



Tgt Ion: 105 Resp: 31492
 Ion Ratio Lower Upper
 105 100
 134 20.2 14.8 22.2

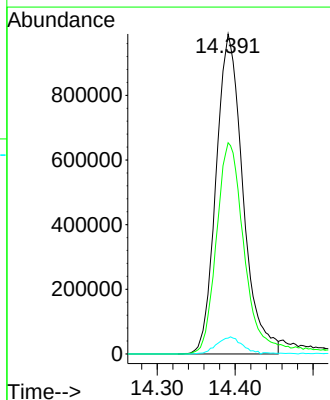
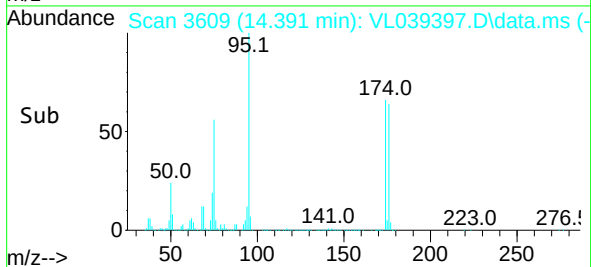
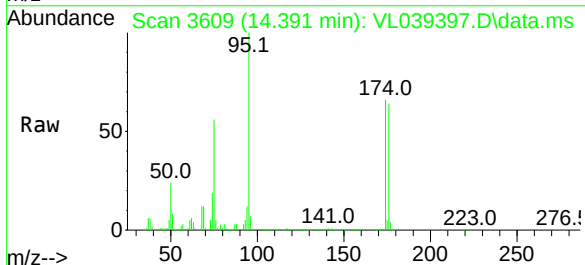
Manual Integrations
 APPROVED

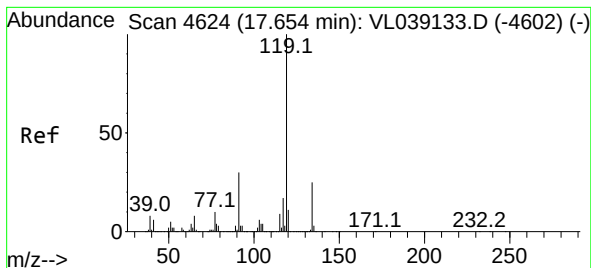
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.946 ppbv
 RT: 14.391 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VL039397.D
 Acq: 29 Jun 2022 13:45

Tgt Ion: 95 Resp: 2370303
 Ion Ratio Lower Upper
 95 100
 174 71.8 55.9 83.9
 175 5.3 4.2 6.4





#69

p-Isopropyltoluene

Concen: 0.473 ppbv m

RT: 17.625 min Scan# 4615

Delta R.T. -0.000 min

Lab File: VL039397.D

Acq: 29 Jun 2022 13:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 119 Resp: 27033

Ion Ratio Lower Upper

119 100

134 0.0 20.3 30.5

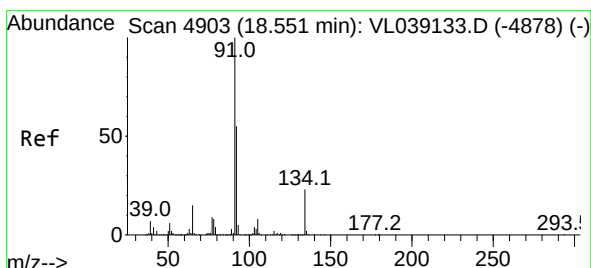
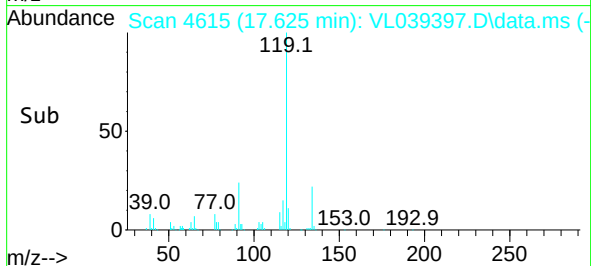
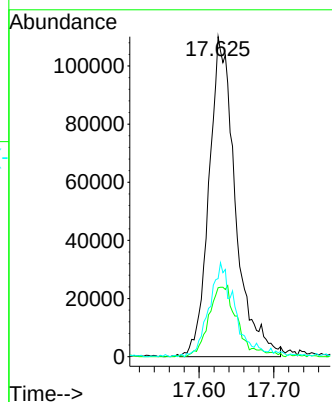
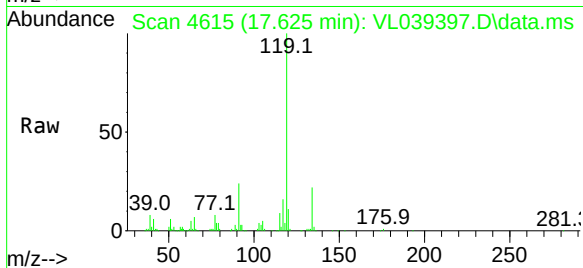
91 29.9 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#70

n-Butylbenzene

Concen: 0.434 ppbv m

RT: 18.529 min Scan# 4896

Delta R.T. 0.006 min

Lab File: VL039397.D

Acq: 29 Jun 2022 13:45

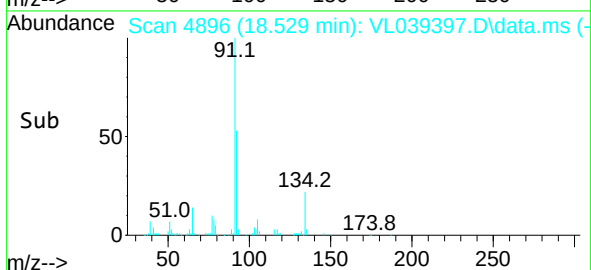
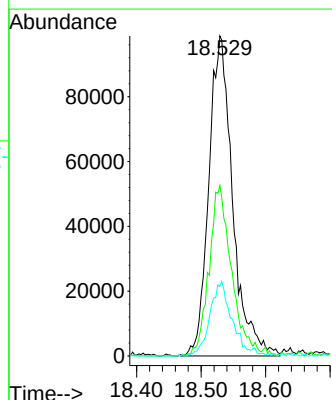
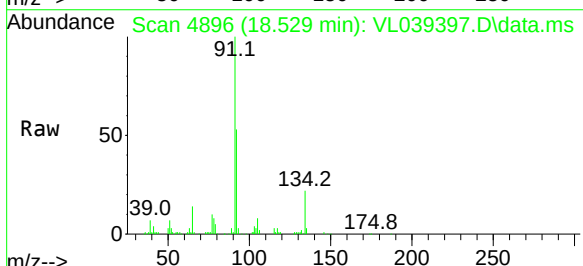
Tgt Ion: 91 Resp: 254577

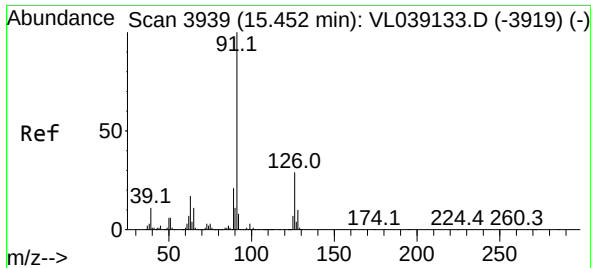
Ion Ratio Lower Upper

91 100

92 0.0 43.4 65.2#

134 0.0 18.9 28.3#





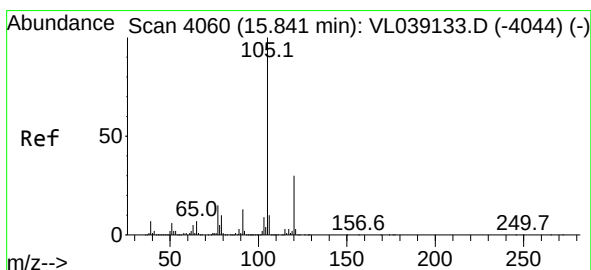
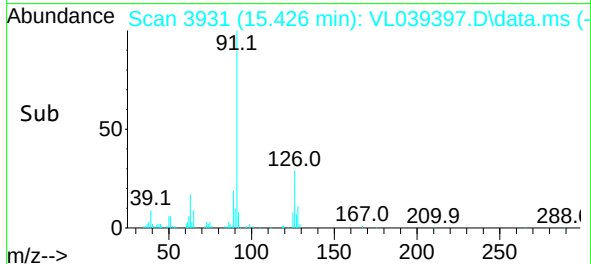
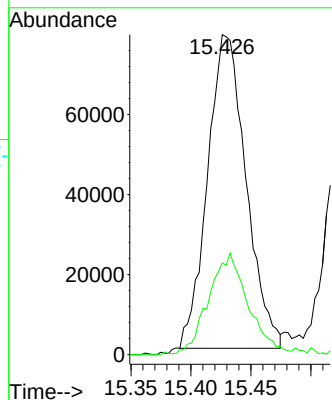
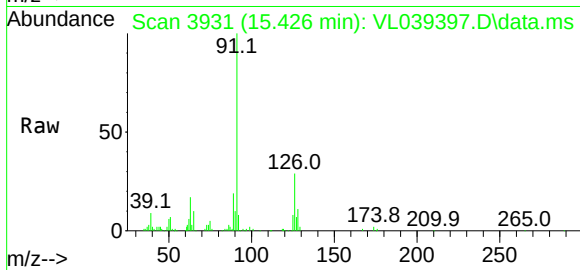
#71
2-Chlorotoluene
Concen: 0.423 ppbv
RT: 15.426 min Scan# 3919
Delta R.T. -0.000 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 174992
Ion Ratio Lower Upper
91 100
126 34.4 13.0 51.8

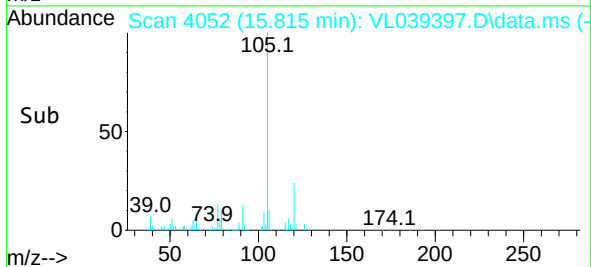
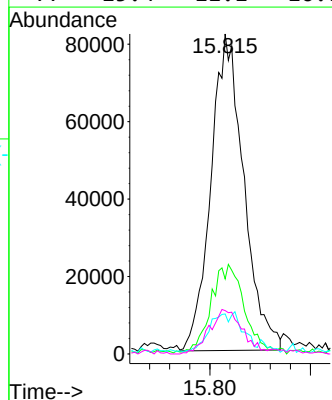
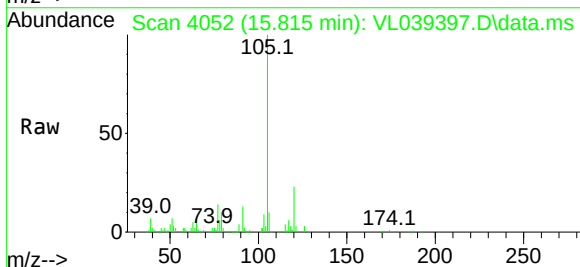
Manual Integrations
APPROVED

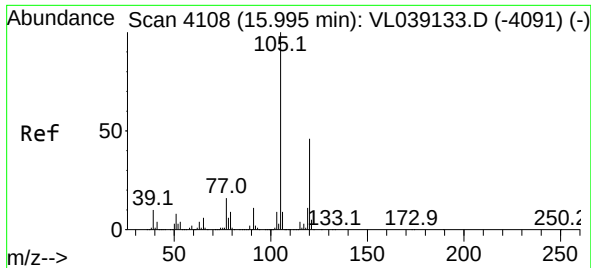
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#72
4-Ethyltoluene
Concen: 0.433 ppbv
RT: 15.815 min Scan# 4052
Delta R.T. -0.000 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

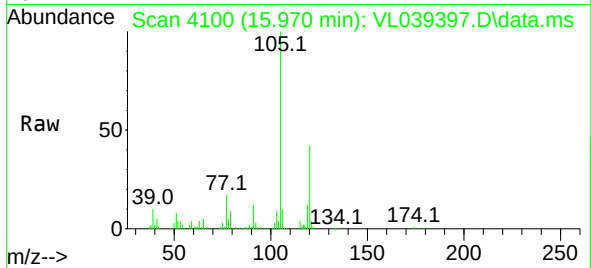
Tgt Ion:105 Resp: 185332
Ion Ratio Lower Upper
105 100
120 30.1 24.2 36.2
91 13.6 10.2 15.4
77 15.4 11.1 16.7





#73
 1,3,5-Trimethylbenzene
 Concen: 0.459 ppbv
 RT: 15.970 min Scan# 4108
 Delta R.T. -0.003 min
 Lab File: VL039397.D
 Acq: 29 Jun 2022 13:45

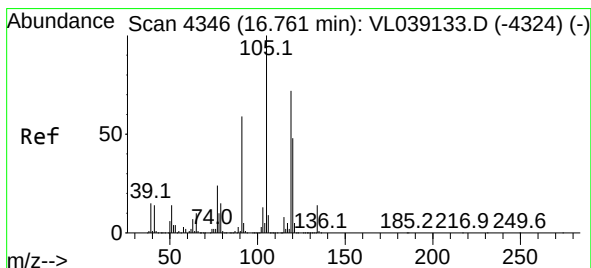
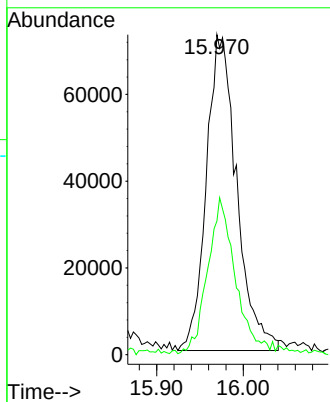
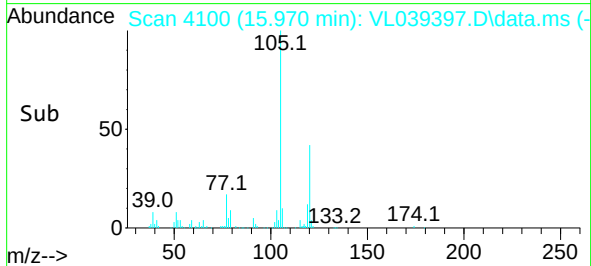
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



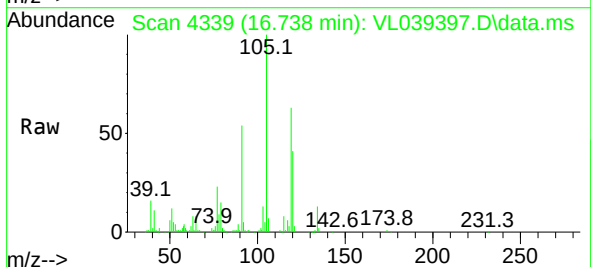
Tgt Ion:105 Resp: 177158
 Ion Ratio Lower Upper
 105 100
 120 42.0 38.2 57.4

Manual Integrations
 APPROVED

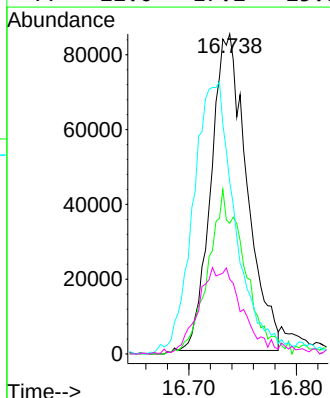
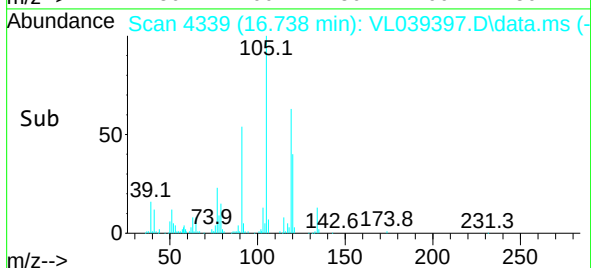
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

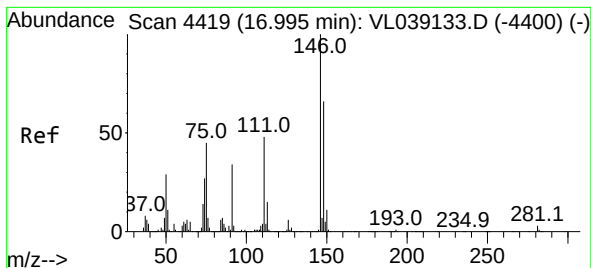


#74
 1,2,4-Trimethylbenzene
 Concen: 0.454 ppbv
 RT: 16.738 min Scan# 4339
 Delta R.T. -0.000 min
 Lab File: VL039397.D
 Acq: 29 Jun 2022 13:45



Tgt Ion:105 Resp: 195678
 Ion Ratio Lower Upper
 105 100
 120 40.3 39.5 59.3
 91 51.1 39.2 58.8
 77 22.0 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 0.499 ppbv

RT: 16.969 min Scan# 4411

Delta R.T. -0.000 min

Lab File: VL039397.D

Acq: 29 Jun 2022 13:45

Instrument :

MSVOA_L

ClientSampleId :

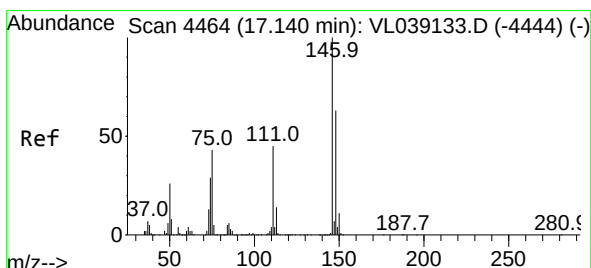
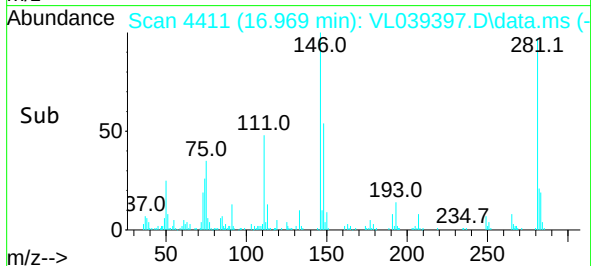
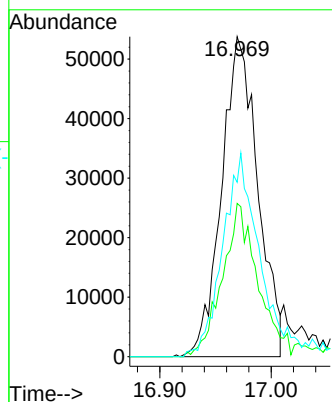
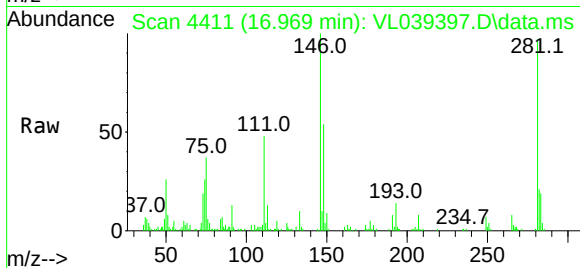
VSTDICC0.5

Tgt Ion:146	Resp:	121619
Ion Ratio	Lower	Upper
146	100	
111	49.8	22.9 68.7
148	65.8	32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#76

1,4-Dichlorobenzene

Concen: 0.508 ppbv m

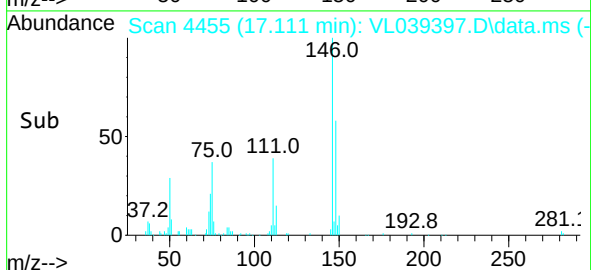
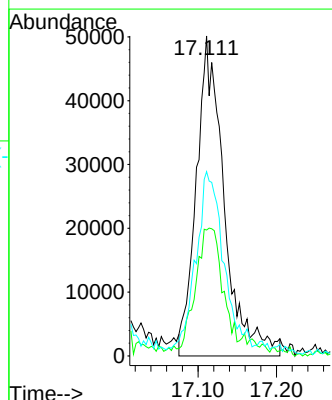
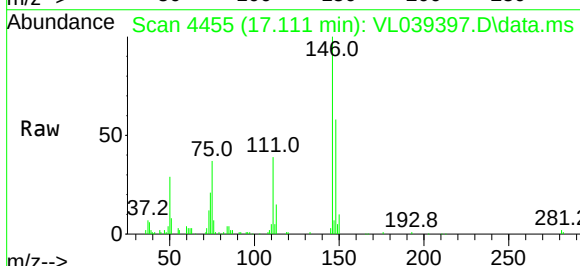
RT: 17.111 min Scan# 4455

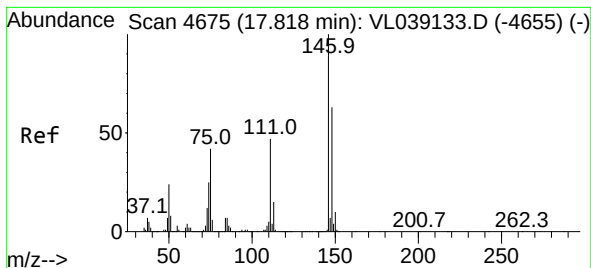
Delta R.T. -0.000 min

Lab File: VL039397.D

Acq: 29 Jun 2022 13:45

Tgt Ion:146	Resp:	123667
Ion Ratio	Lower	Upper
146	100	
111	0.0	22.9 68.8#
148	61.6	33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 0.509 ppbv m

RT: 17.789 min Scan# 4666

Delta R.T. -0.003 min

Lab File: VL039397.D

Acq: 29 Jun 2022 13:45

Instrument :

MSVOA_L

ClientSampleId :

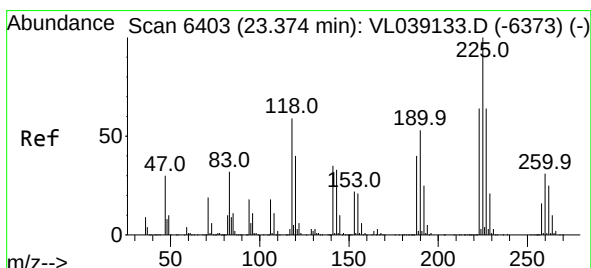
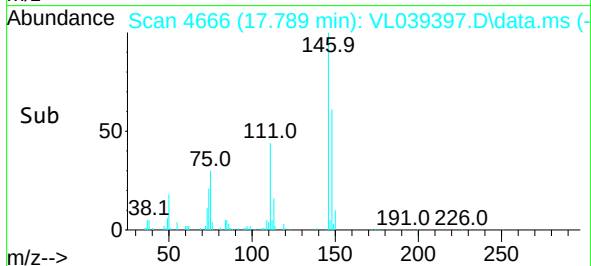
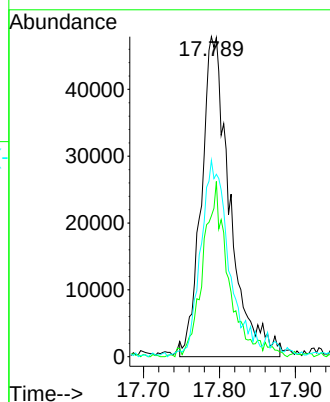
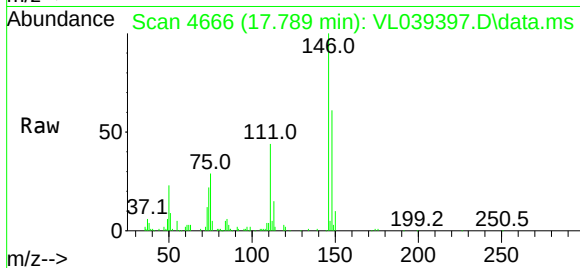
VSTDICC0.5

Tgt Ion:	146	Resp:	125220
Ion Ratio	Lower	Upper	
146	100		
111	0.0	23.8	71.5
148	64.4	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#78

Hexachloro-1,3-Butadiene

Concen: 0.489 ppbv m

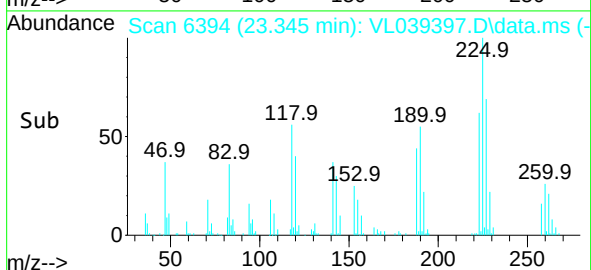
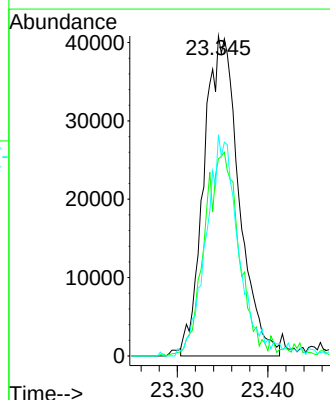
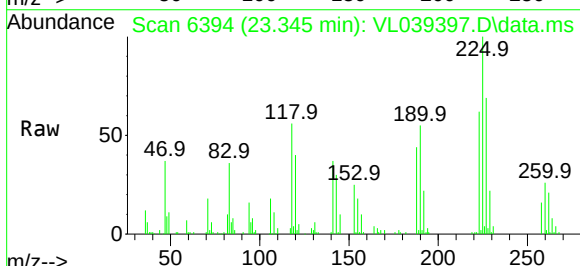
RT: 23.345 min Scan# 6394

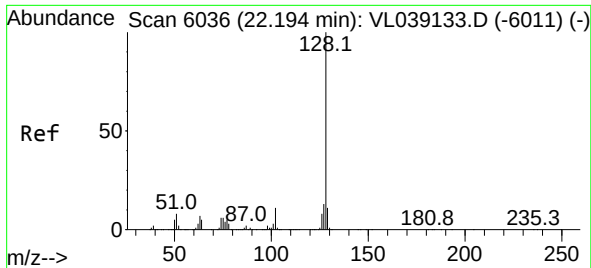
Delta R.T. -0.000 min

Lab File: VL039397.D

Acq: 29 Jun 2022 13:45

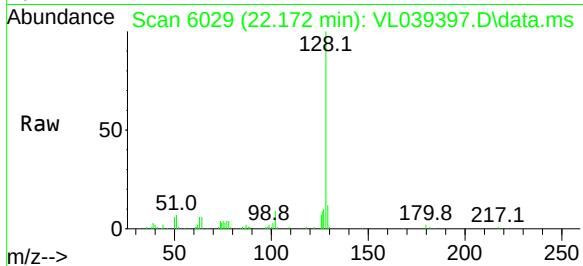
Tgt Ion:	225	Resp:	109920
Ion Ratio	Lower	Upper	
225	100		
223	0.0	51.8	77.6
227	0.0	51.4	77.2





#79
Naphthalene
Concen: 0.372 ppbv m
RT: 22.172 min Scan# 6036
Delta R.T. 0.013 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

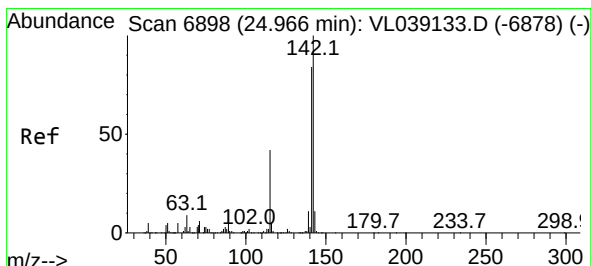
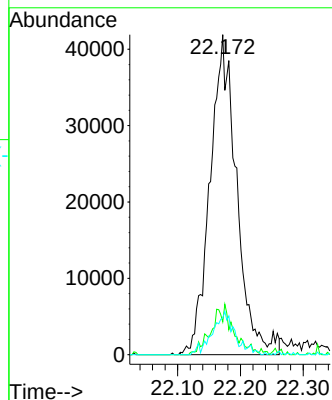
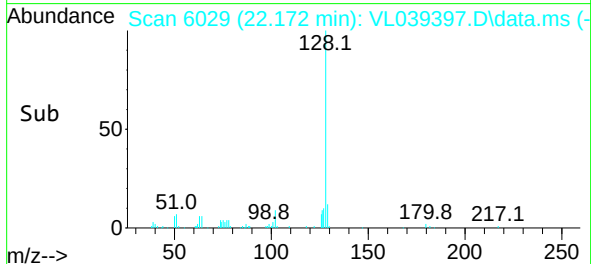
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.5



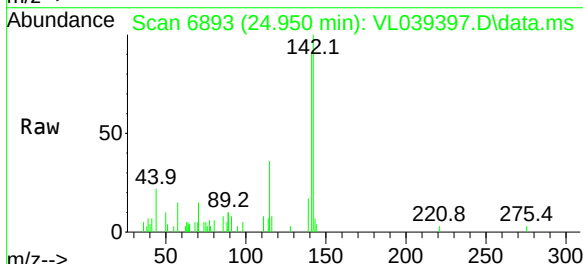
Tgt Ion:128 Resp: 123434
Ion Ratio Lower Upper
128 100
127 10.3 10.6 15.8#
129 11.5 8.8 13.2

Manual Integrations
APPROVED

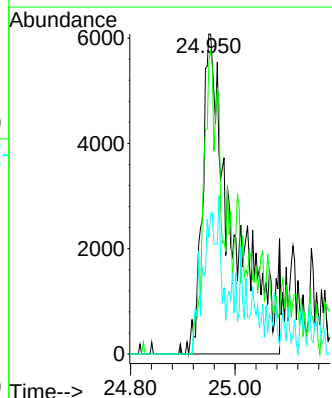
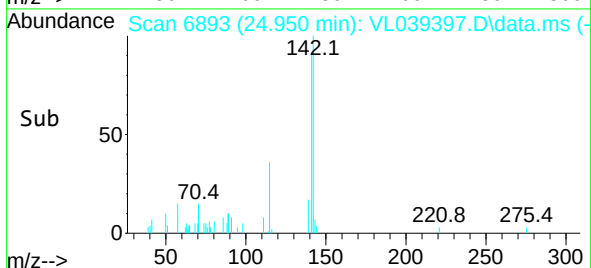
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

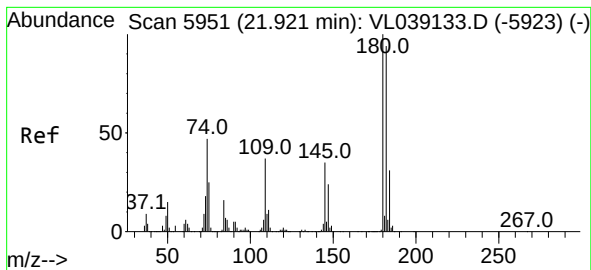


#80
Naphthalene,2-methyl-
Concen: 0.201 ppbv m
RT: 24.950 min Scan# 6893
Delta R.T. 0.006 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45



Tgt Ion:142 Resp: 24741
Ion Ratio Lower Upper
142 100
141 56.4 68.9 103.3#
115 27.1 30.0 45.0#





#81
1,2,4-Trichlorobenzene
Concen: 0.393 ppbv m
RT: 21.895 min Scan# 5943
Delta R.T. 0.006 min
Lab File: VL039397.D
Acq: 29 Jun 2022 13:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:180 Resp: 8264
Ion Ratio Lower Upper
180 100
182 0.0 77.1 115.7
184 0.0 24.3 36.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

