

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110222\
 Data File : VL039813.D
 Acq On : 2 Nov 2022 12:39
 Operator : SY/AP
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

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

Quant Time: Nov 02 13:18:19 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	1086280	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2957924	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2753224	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2067625	10.557	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.742	85	94931	0.835	ppbv	91
3) Chlorodifluoromethane	2.687	51	66774	0.512	ppbv	100
4) Chloromethane	2.822	50	39147	0.479	ppbv	97
5) Vinyl Chloride	2.928	62	31527	0.465	ppbv	90
6) Bromomethane	3.131	94	12148m	0.499	ppbv	
7) Chloroethane	3.201	64	12885m	0.530	ppbv	
8) Dichlorotetrafluoroethane	2.867	85	76454	0.515	ppbv	98
9) Propene	2.706	41	35271m	0.629	ppbv	
10) Heptane	7.571	43	76146	0.567	ppbv	92
11) Trichlorofluoromethane	3.571	101	75587m	0.476	ppbv	
12) 1,1,2-Trichlorotrifluo...	4.070	101	51226	0.416	ppbv	95
13) Ethanol	3.263	45	2106m	0.523	ppbv	
14) Bromoethene	3.375	108	23776m	0.486	ppbv	
15) Acetone	3.488	43	75022m	0.578	ppbv	
16) 1,3-Butadiene	2.996	39	29013	0.452	ppbv	92
17) tert-Butyl alcohol	3.902	59	61260m	0.579	ppbv	
18) 1,1-Dichloroethene	3.883	96	24406m	0.450	ppbv	
19) Isopropyl Alcohol	3.603	45	34573m	0.569	ppbv	
20) Methylene Chloride	3.938	84	27851m	0.564	ppbv	
21) Allyl Chloride	3.999	41	43422	0.517	ppbv	98
22) trans-1,2-Dichloroethene	4.446	96	22994	0.408	ppbv #	79
23) Vinyl Acetate	4.632	43	23357m	0.467	ppbv	
24) 1,1-Dichloroethane	4.565	63	51924m	0.446	ppbv	
25) Ethyl Acetate	5.211	43	126518	0.499	ppbv #	92
26) Hexane	5.214	57	60235	0.571	ppbv	95
27) Carbon Disulfide	4.124	76	55688	0.445	ppbv #	44
28) Methyl tert-Butyl Ether	4.603	73	53493	0.583	ppbv	91
29) Chloroform	5.272	83	84037	0.507	ppbv	90
30) Cyclohexane	6.597	84	50638m	0.586	ppbv	
31) cis-1,2-Dichloroethene	5.073	61	51429m	0.505	ppbv	
32) 1,1,1-Trichloroethane	5.999	97	84090	0.559	ppbv	98
34) 2-Butanone	4.799	43	61643m	0.443	ppbv	
35) Carbon Tetrachloride	6.481	117	87548m	0.519	ppbv	
36) Benzene	6.362	78	121054	0.531	ppbv	96
37) 1,2-Dichloroethane	5.799	62	55390	0.448	ppbv #	92
38) Trichloroethene	7.278	130	67348m	0.524	ppbv	
39) 1,2-Dichloropropane	7.063	63	49919m	0.569	ppbv	
40) 1,4-Dioxane	7.314	88	18210m	0.609	ppbv	
41) Tetrahydrofuran	5.584	42	50549m	0.585	ppbv	
42) Bromodichloromethane	7.237	83	91794m	0.527	ppbv	
43) Methyl Methacrylate	7.465	69	48831m	0.616	ppbv	
44) 2,2,4-Trimethylpentane	7.317	57	212897	0.559	ppbv	98
45) t-1,3-Dichloropropene	8.700	75	38703	0.574	ppbv	99

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

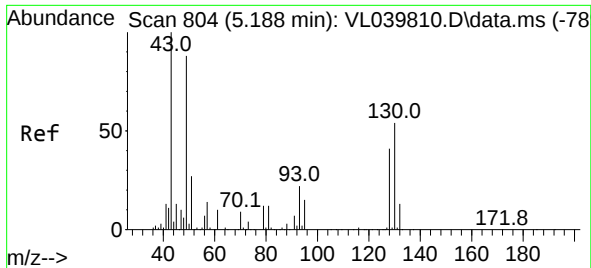
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

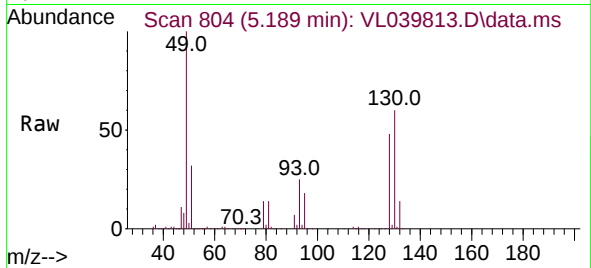
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.134	75	56812	0.587	ppbv	#	93
47) 1,1,2-Trichloroethane	8.889	97	49061m	0.522	ppbv		
48) Dibromochloromethane	9.696	129	78145m	0.517	ppbv		
49) Bromoform	12.388	173	59669	0.484	ppbv		94
50) 4-Methyl-2-Pentanone	8.192	43	119837m	0.549	ppbv		
51) 2-Hexanone	9.558	43	88834m	0.556	ppbv		
52) Tetrachloroethene	10.603	164	46301m	0.543	ppbv		
53) Toluene	9.208	91	143498m	0.601	ppbv		
54) 1,2-Dibromoethane	9.995	107	55056m	0.577	ppbv		
56) 1,1,1,2-Tetrachloroethane	11.491	131	60371m	0.518	ppbv		
57) Chlorobenzene	11.507	112	108774	0.515	ppbv	#	87
58) Ethyl Benzene	12.076	91	186489	0.595	ppbv	#	88
59) m/p-Xylene	12.362	91	325168m	1.149	ppbv		
60) o-Xylene	13.047	91	152878	0.576	ppbv		99
61) Styrene	12.883	104	86814	0.623	ppbv		99
62) Isopropylbenzene	14.015	105	217942	0.537	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.034	83	52819m	0.473	ppbv		
64) n-propylbenzene	14.902	120	58240m	0.567	ppbv		
65) tert-Butylbenzene	16.076	119	194576	0.551	ppbv		97
66) Benzyl Chloride	16.310	91	20208m	0.806	ppbv		
67) sec-Butylbenzene	16.622	105	262799	0.528	ppbv		100
69) p-Isopropyltoluene	16.985	119	216668m	0.538	ppbv		
70) n-Butylbenzene	17.876	91	200407	0.520	ppbv		98
71) 2-Chlorotoluene	14.783	91	166206	0.590	ppbv		99
72) 4-Ethyltoluene	15.185	105	162307	0.531	ppbv		98
73) 1,3,5-Trimethylbenzene	15.339	105	146436	0.535	ppbv		99
74) 1,2,4-Trimethylbenzene	16.095	105	155871	0.503	ppbv		94
75) 1,3-Dichlorobenzene	16.317	146	88765m	0.472	ppbv		
76) 1,4-Dichlorobenzene	16.458	146	91823m	0.512	ppbv		
77) 1,2-Dichlorobenzene	17.130	146	84341	0.470	ppbv		95
78) Hexachloro-1,3-Butadiene	22.622	225	69804m	0.511	ppbv		
79) Naphthalene	21.371	128	112012m	0.591	ppbv		
80) Naphthalene,2-methyl-	24.371	142	37866m	0.588	ppbv		
81) 1,2,4-Trichlorobenzene	21.133	180	65428m	0.522	ppbv		

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. 0.001 min
Lab File: VL039813.D
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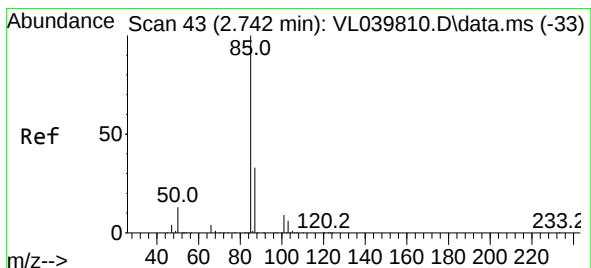
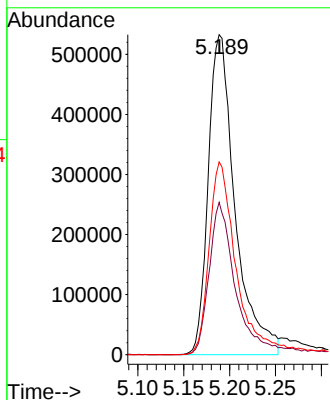
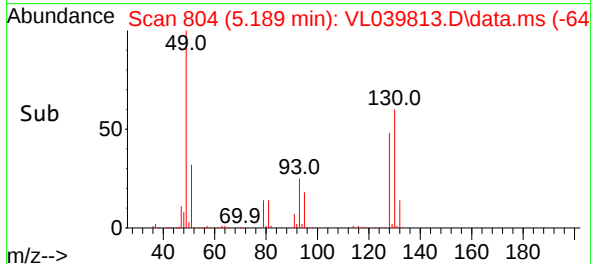
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



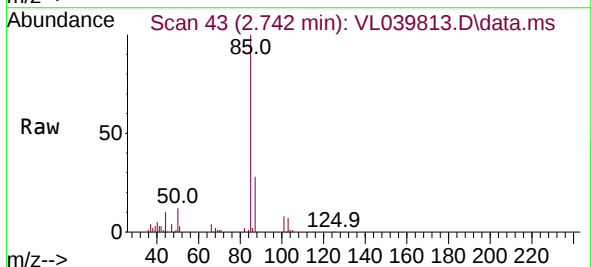
Tgt Ion: 49 Resp: 1086280
Ion Ratio Lower Upper
49 100
128 49.5 24.6 73.6
130 63.3 31.1 93.2

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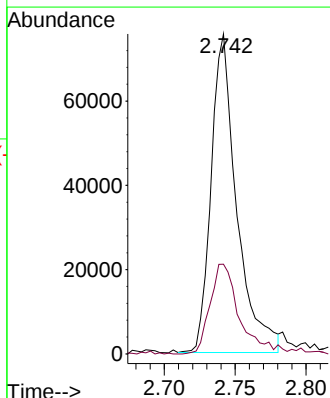
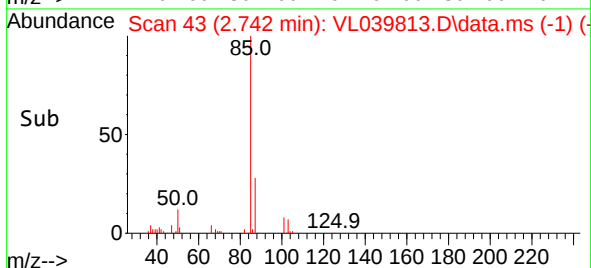
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

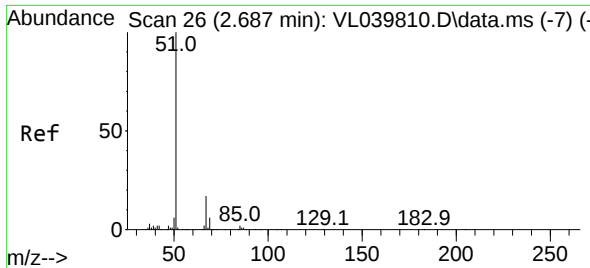


#2
Dichlorodifluoromethane
Concen: 0.835 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39



Tgt Ion: 85 Resp: 94931
Ion Ratio Lower Upper
85 100
87 28.1 26.4 39.6





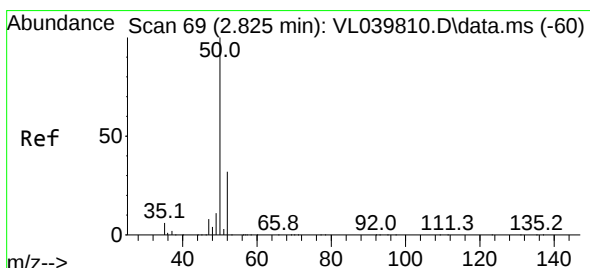
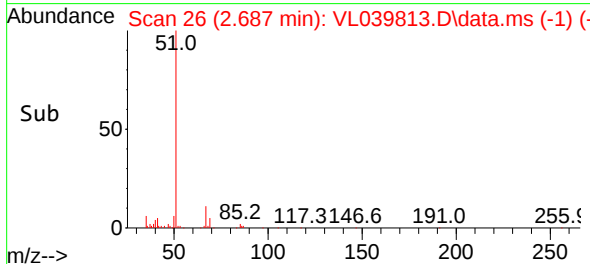
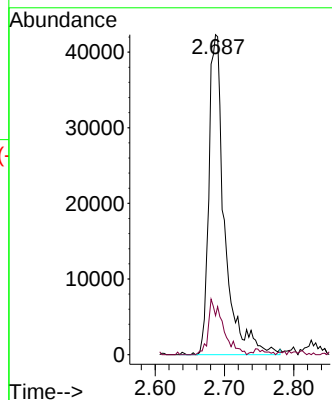
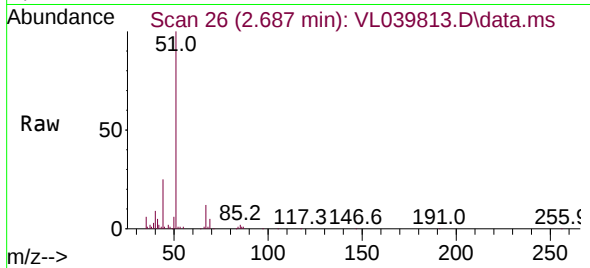
#3
Chlorodifluoromethane
Concen: 0.512 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 66774
Ion Ratio Lower Upper
51 100
67 16.3 13.2 19.8

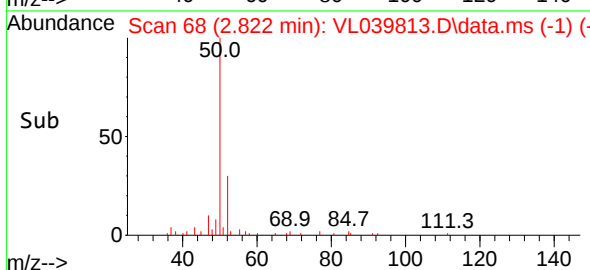
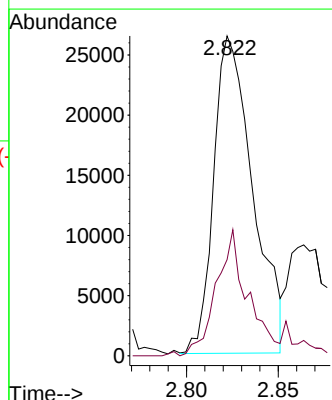
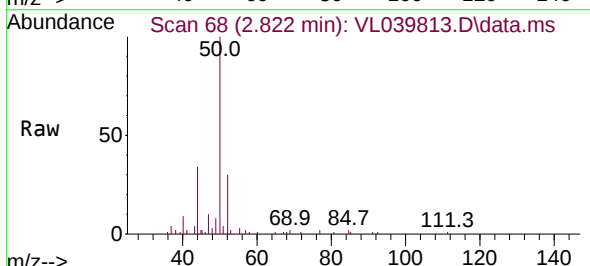
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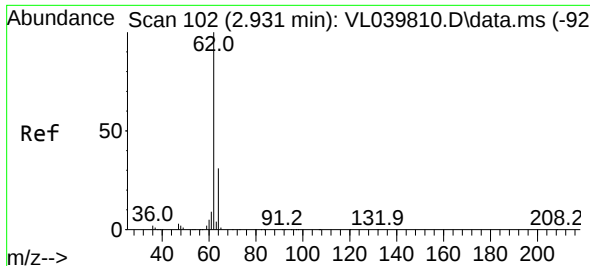
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#4
Chloromethane
Concen: 0.479 ppbv
RT: 2.822 min Scan# 68
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 50 Resp: 39147
Ion Ratio Lower Upper
50 100
52 30.3 25.5 38.3





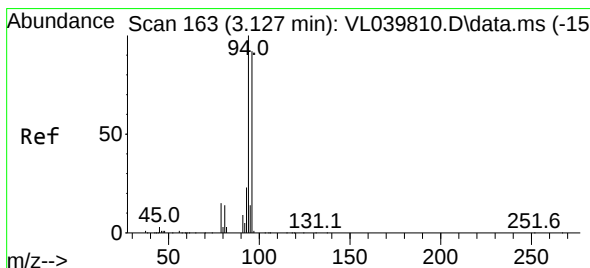
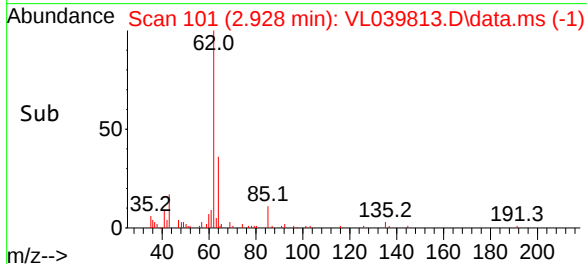
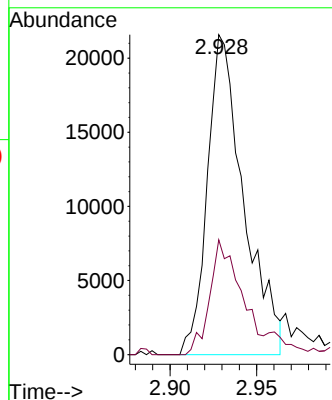
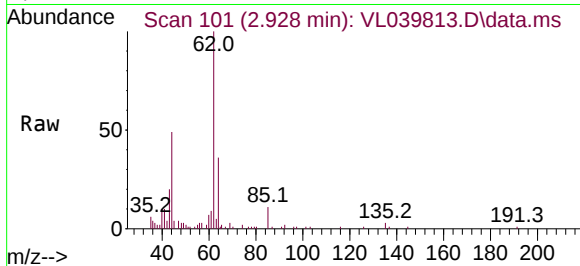
#5
 Vinyl Chloride
 Concen: 0.465 ppbv
 RT: 2.928 min Scan# 102
 Delta R.T. -0.003 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 62 Resp: 3152
 Ion Ratio Lower Upper
 62 100
 64 36.8 25.0 37.4

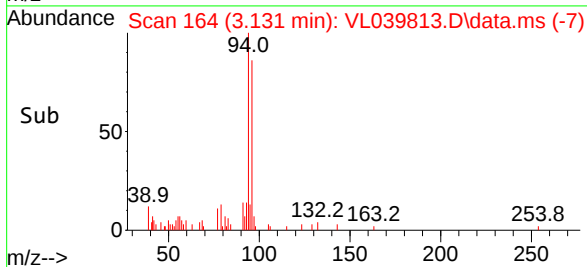
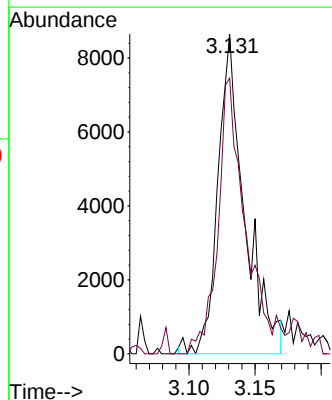
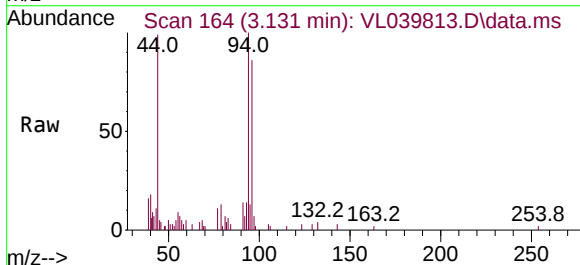
Manual Integrations
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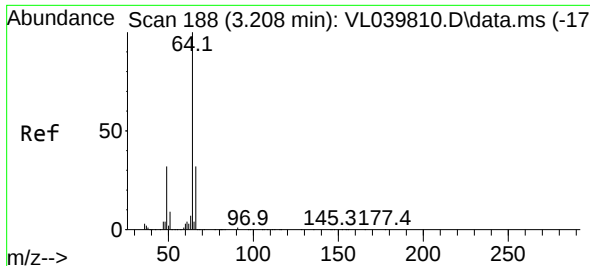
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#6
 Bromomethane
 Concen: 0.499 ppbv m
 RT: 3.131 min Scan# 164
 Delta R.T. 0.003 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39

Tgt Ion: 94 Resp: 12148
 Ion Ratio Lower Upper
 94 100
 96 86.2 73.5 110.3





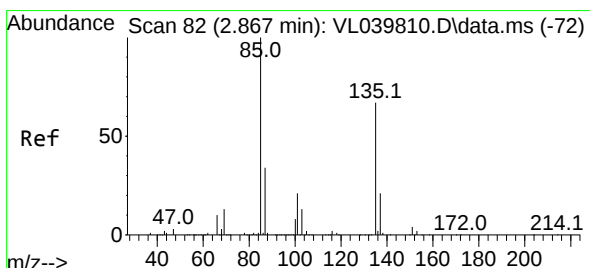
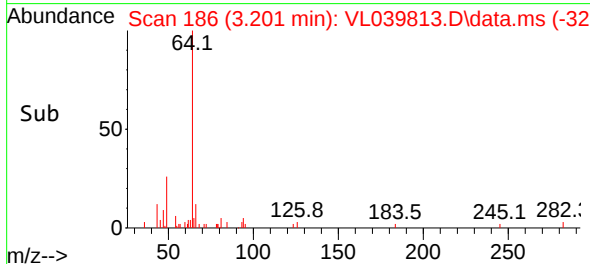
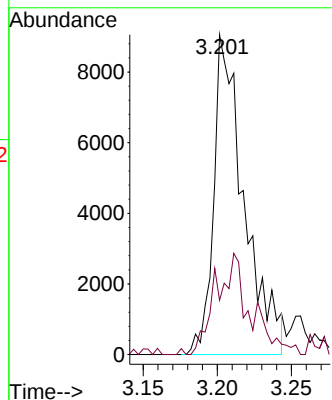
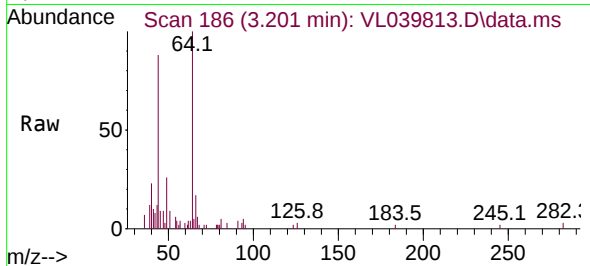
#7
Chloroethane
Concen: 0.530 ppbv m
RT: 3.201 min Scan# 188
Delta R.T. -0.006 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 12885
Ion Ratio Lower Upper
64 100
66 17.0 25.5 38.3

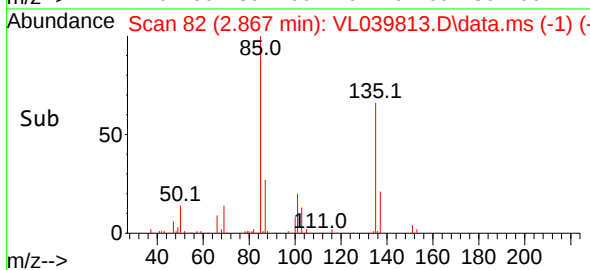
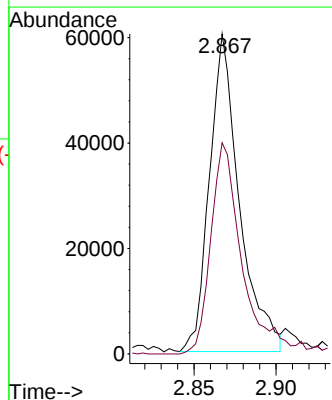
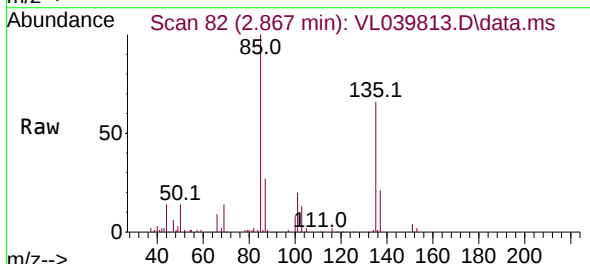
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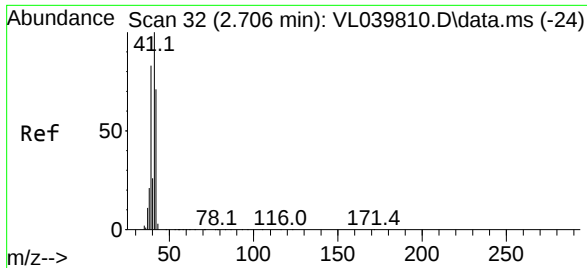
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#8
Dichlorotetrafluoroethane
Concen: 0.515 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 85 Resp: 76454
Ion Ratio Lower Upper
85 100
135 72.4 56.7 85.1





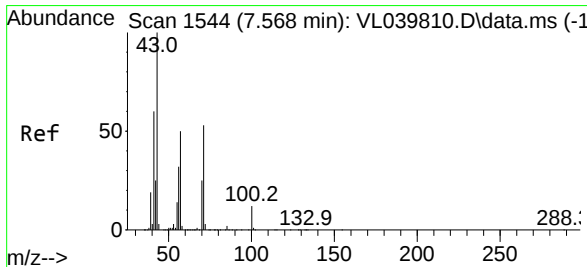
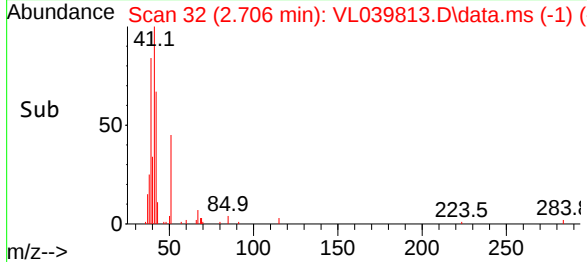
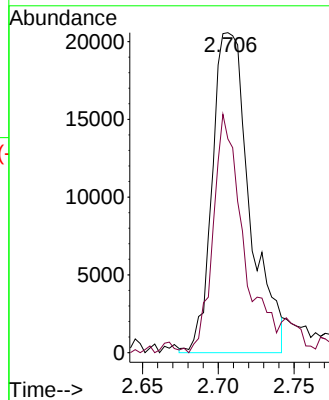
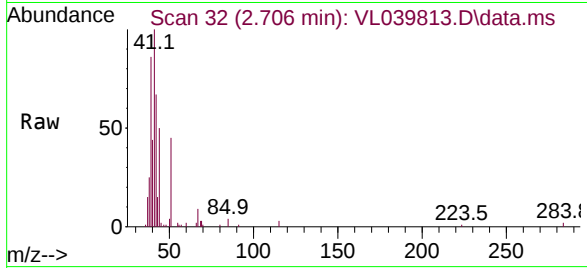
#9
 Propene
 Concen: 0.629 ppbv m
 RT: 2.706 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 41 Resp: 3527
 Ion Ratio Lower Upper
 41 100
 42 73.2 56.3 84.5

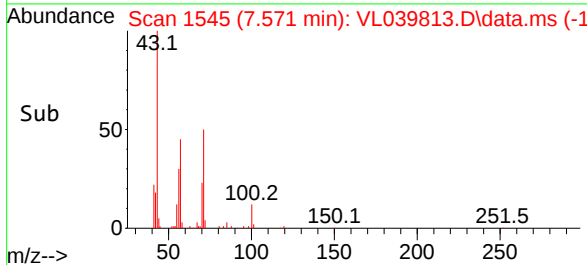
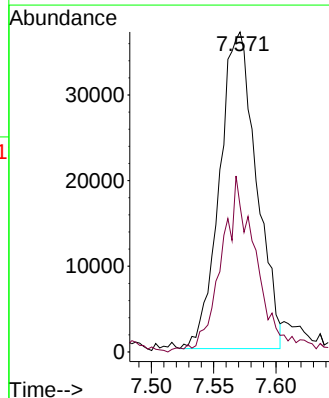
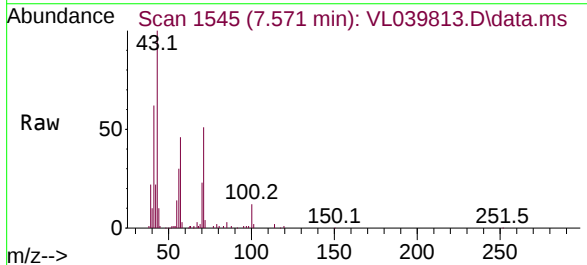
Manual Integrations
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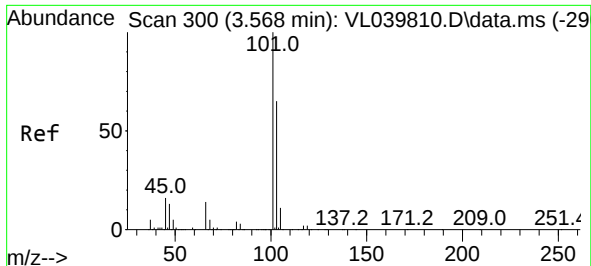
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#10
 Heptane
 Concen: 0.567 ppbv
 RT: 7.571 min Scan# 1545
 Delta R.T. 0.003 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39

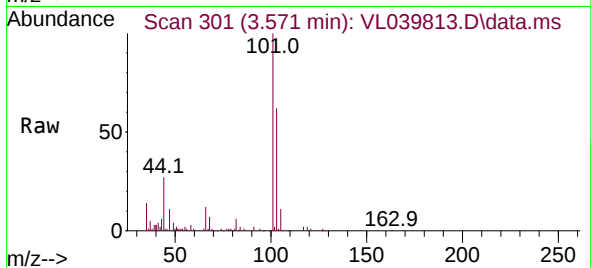
Tgt Ion: 43 Resp: 76146
 Ion Ratio Lower Upper
 43 100
 57 55.9 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 0.476 ppbv m
 RT: 3.571 min Scan# 300
 Delta R.T. 0.003 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39

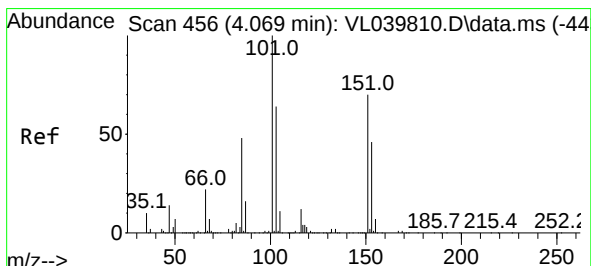
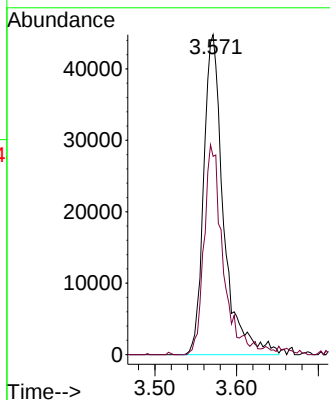
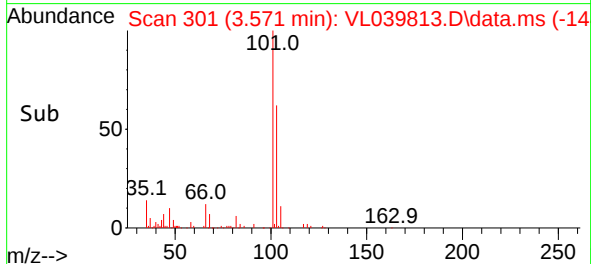
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



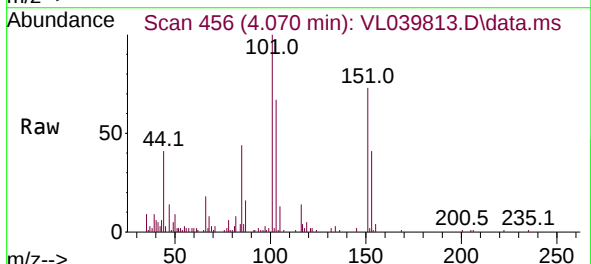
Tgt Ion:101 Resp: 7558
 Ion Ratio Lower Upper
 101 100
 103 62.0 52.2 78.2

Manual Integrations
 APPROVED

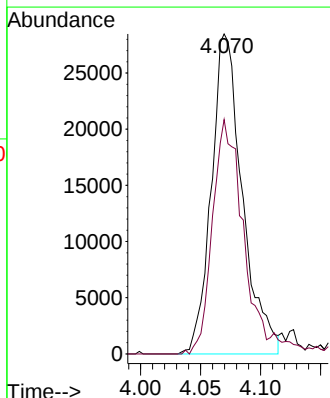
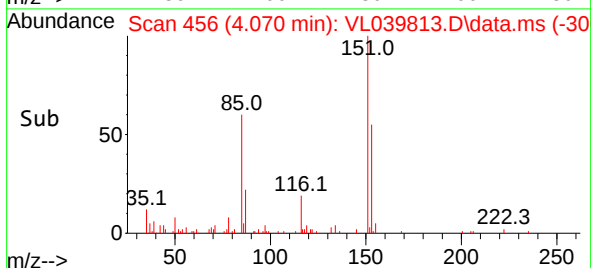
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

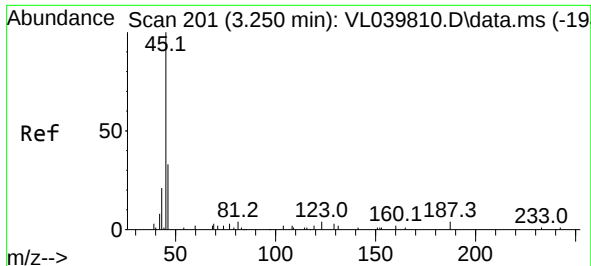


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.416 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. 0.000 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39



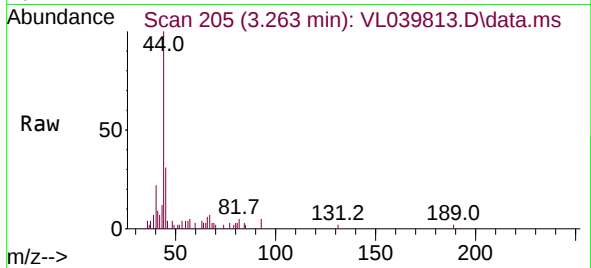
Tgt Ion:101 Resp: 51226
 Ion Ratio Lower Upper
 101 100
 151 76.0 57.2 85.8





#13
Ethanol
Concen: 0.523 ppbv m
RT: 3.263 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

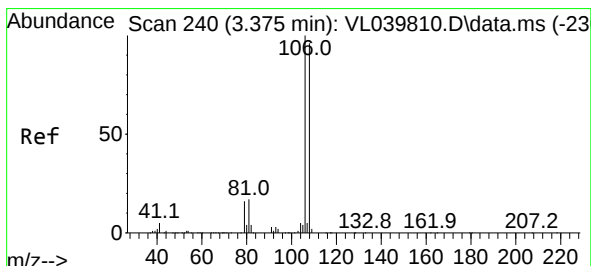
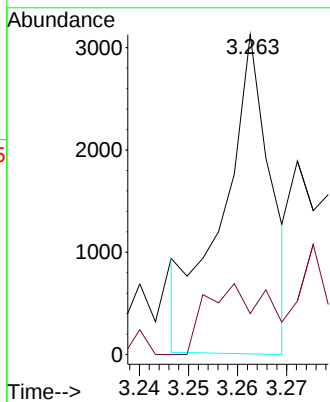
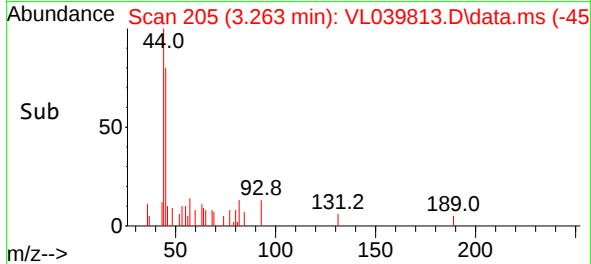
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



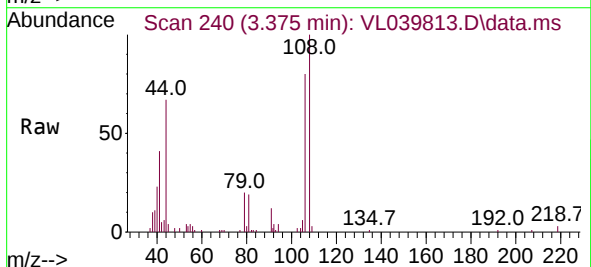
Tgt Ion: 45 Resp: 2106
Ion Ratio Lower Upper
45 100
46 0.0 16.5 65.9

Manual Integrations
APPROVED

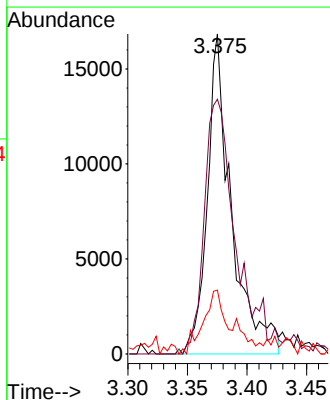
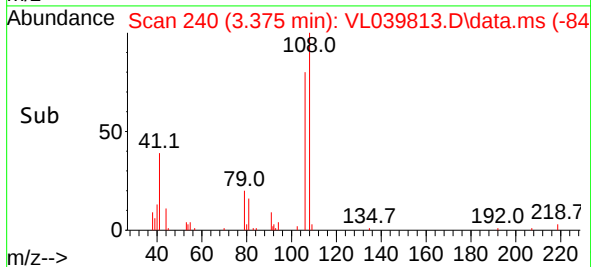
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

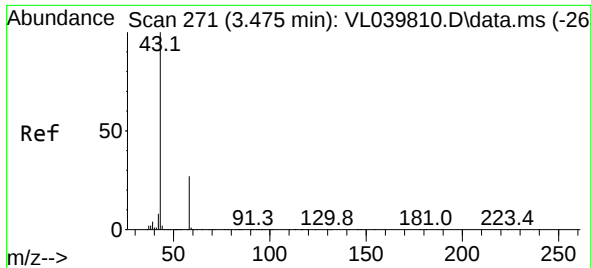


#14
Bromoethene
Concen: 0.486 ppbv m
RT: 3.375 min Scan# 240
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39



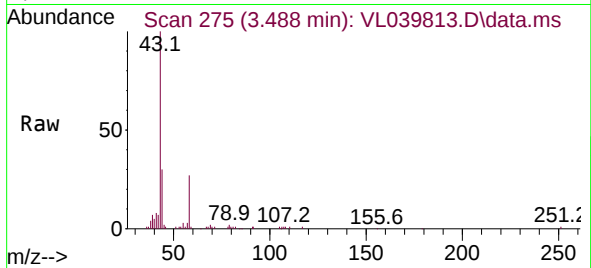
Tgt Ion:108 Resp: 23776
Ion Ratio Lower Upper
108 100
106 107.7 87.8 131.8
79 25.5 14.5 21.7





#15
Acetone
Concen: 0.578 ppbv m
RT: 3.488 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

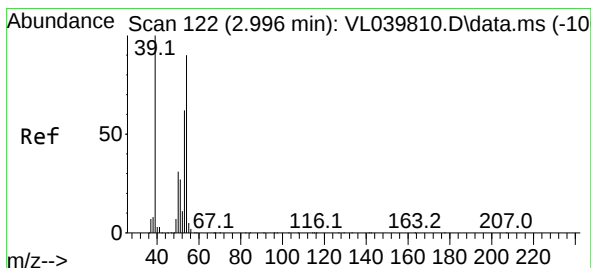
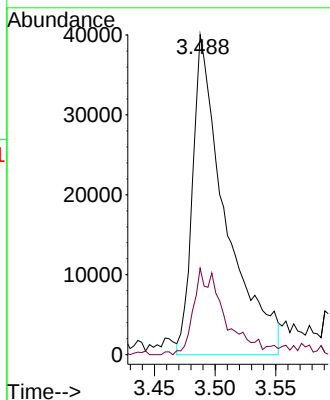
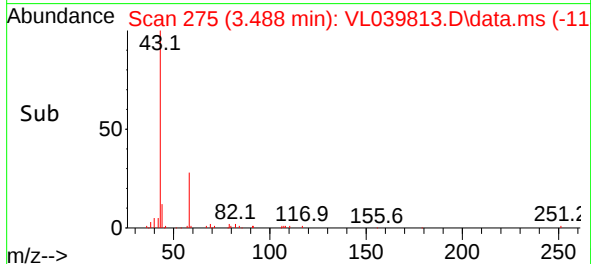
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



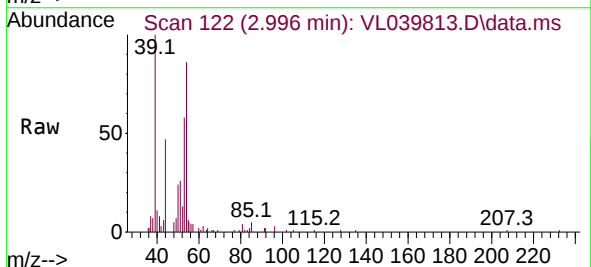
Tgt Ion: 43 Resp: 75022
Ion Ratio Lower Upper
43 100
58 29.1 23.2 34.8

Manual Integrations
APPROVED

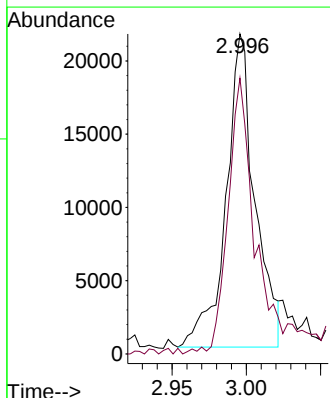
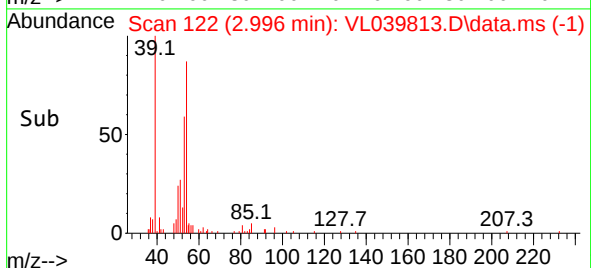
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

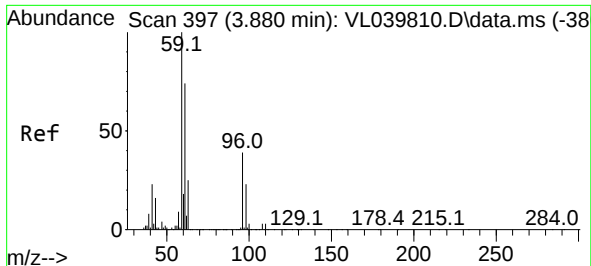


#16
1,3-Butadiene
Concen: 0.452 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39



Tgt Ion: 39 Resp: 29013
Ion Ratio Lower Upper
39 100
54 96.5 71.0 106.4





#17

tert-Butyl alcohol

Concen: 0.579 ppbv m

RT: 3.902 min Scan# 404

Delta R.T. 0.023 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 59 Resp: 61260

Ion Ratio Lower Upper

59 100

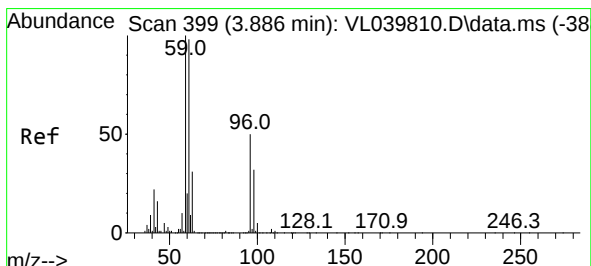
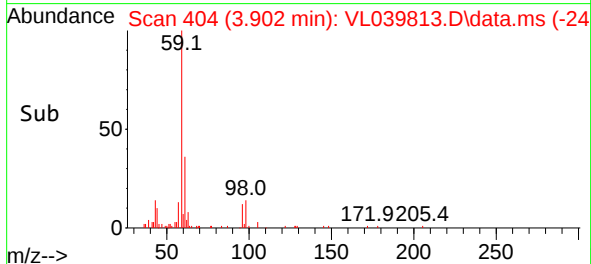
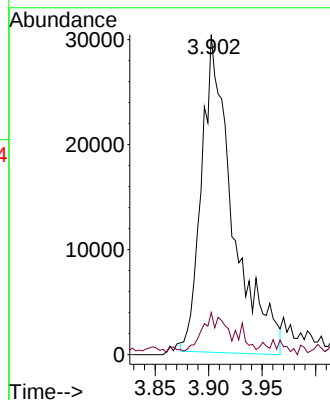
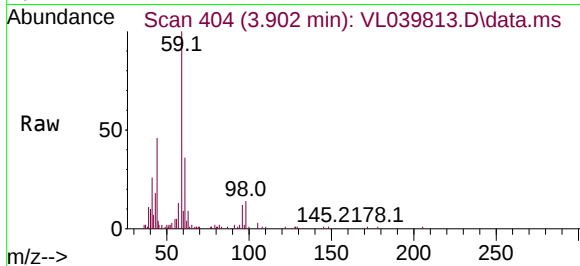
57 14.3 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#18

1,1-Dichloroethene

Concen: 0.450 ppbv m

RT: 3.883 min Scan# 398

Delta R.T. -0.003 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

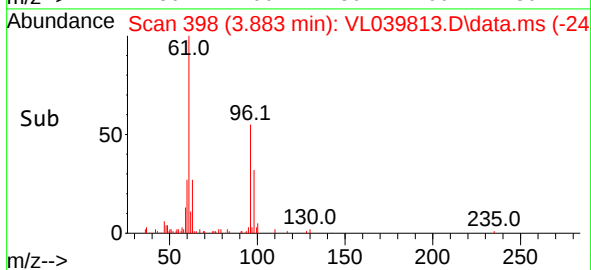
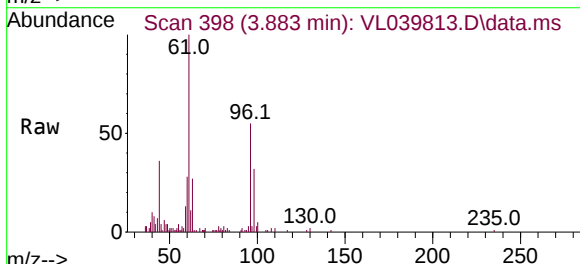
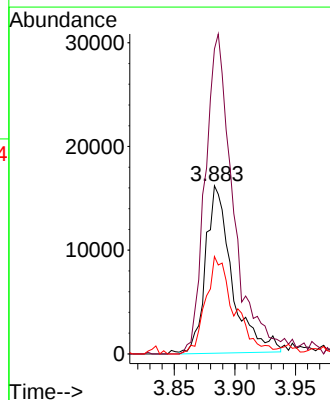
Tgt Ion: 96 Resp: 24406

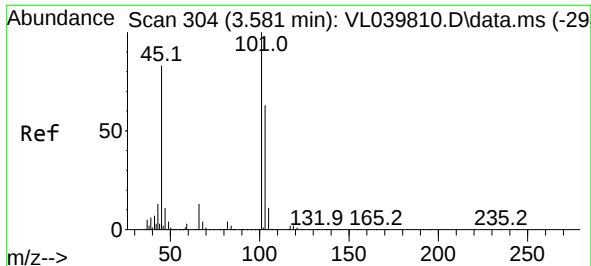
Ion Ratio Lower Upper

96 100

61 181.3 156.9 235.3

98 57.9 50.6 75.8





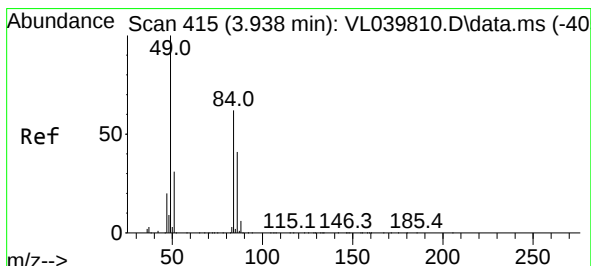
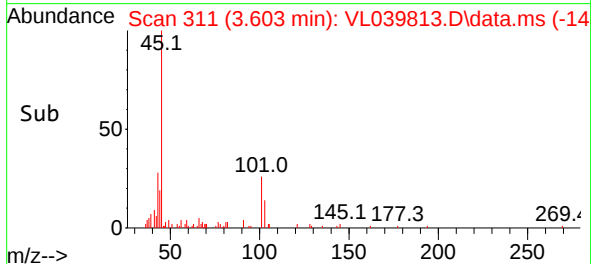
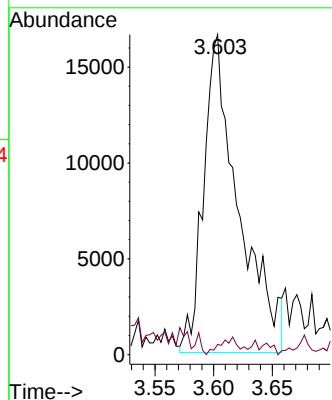
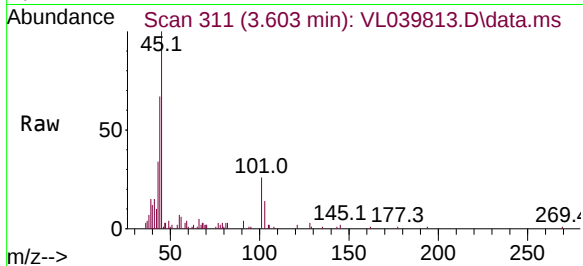
#19
Isopropyl Alcohol
Concen: 0.569 ppbv m
RT: 3.603 min Scan# 311
Delta R.T. 0.023 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 45 Resp: 34573
Ion Ratio Lower Upper
45 100
58 0.0 38.3 57.5

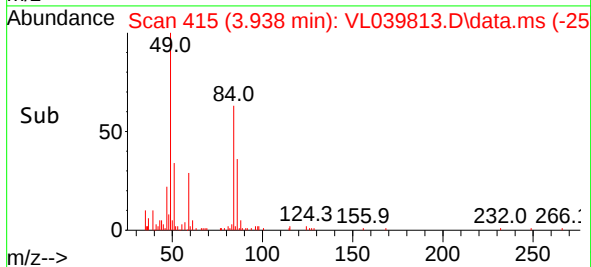
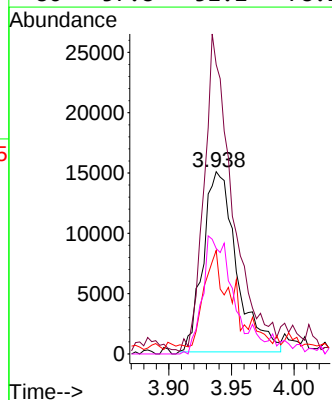
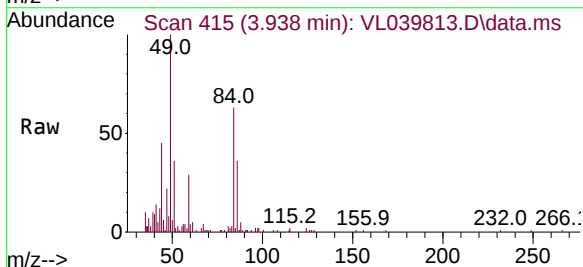
Manual Integrations
APPROVED

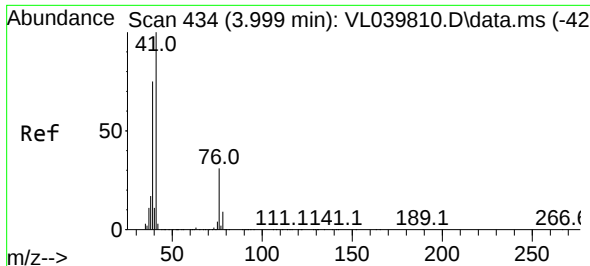
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#20
Methylene Chloride
Concen: 0.564 ppbv m
RT: 3.938 min Scan# 415
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 84 Resp: 27851
Ion Ratio Lower Upper
84 100
49 158.7 128.6 192.8
51 56.8 40.2 60.4
86 57.8 52.2 78.2





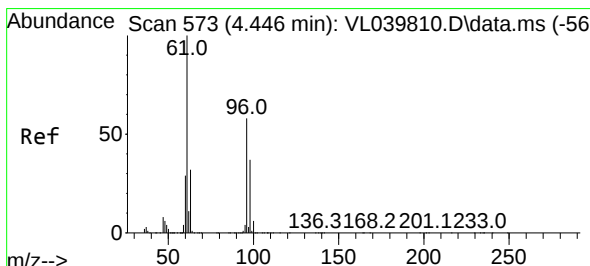
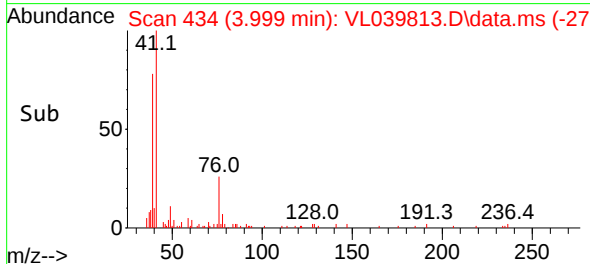
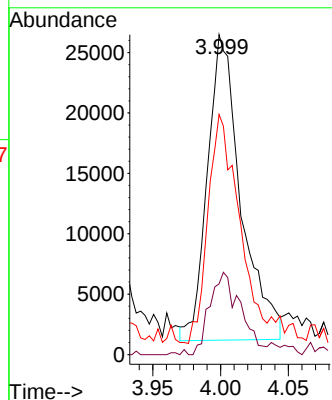
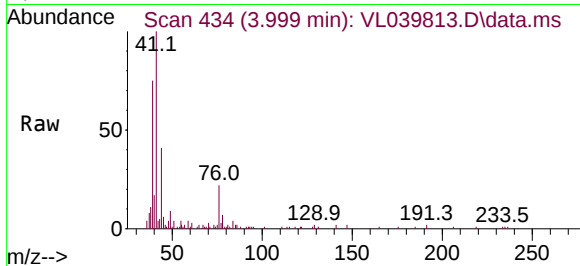
#21
 Allyl Chloride
 Concen: 0.517 ppbv
 RT: 3.999 min Scan# 434
 Delta R.T. 0.000 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 41 Resp: 4342
 Ion Ratio Lower Upper
 41 100
 76 28.2 24.1 36.1
 39 79.4 64.3 96.5

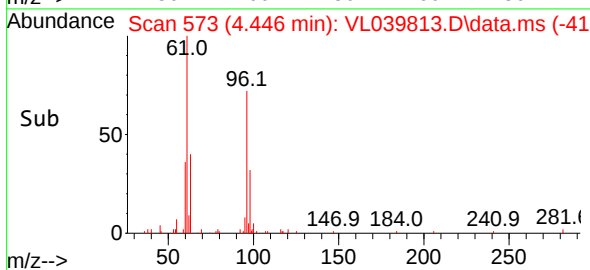
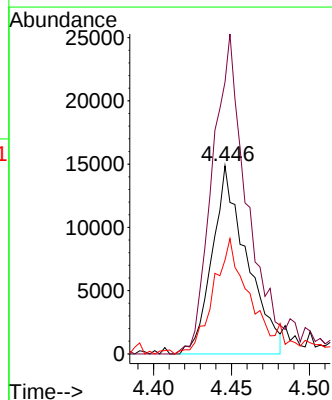
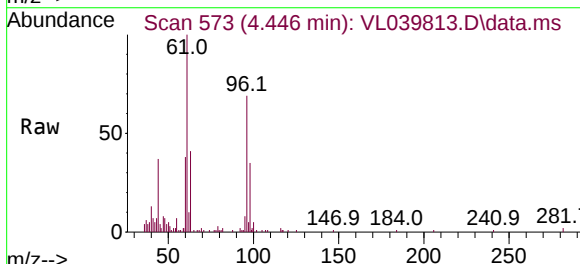
Manual Integrations
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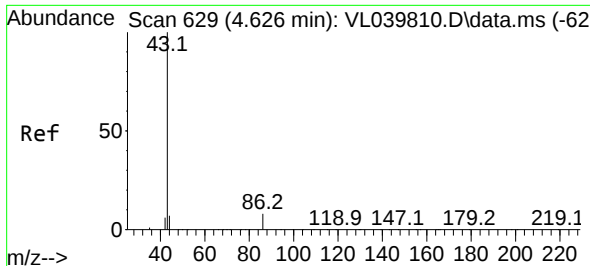
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.408 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. 0.000 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39

Tgt Ion: 96 Resp: 22994
 Ion Ratio Lower Upper
 96 100
 61 142.6 137.6 206.4
 98 48.4 51.2 76.8#





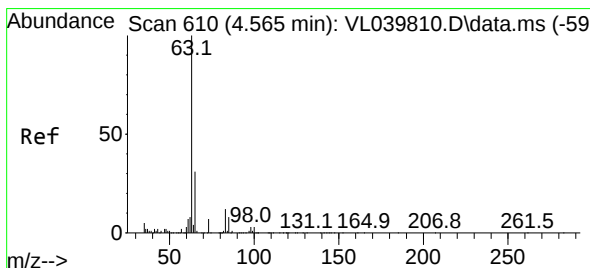
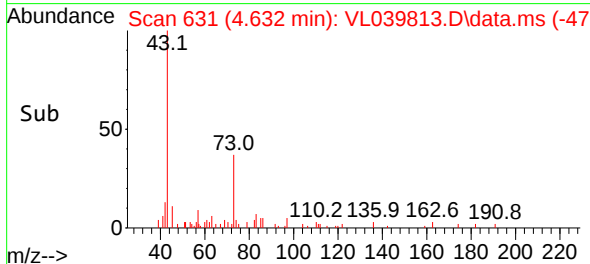
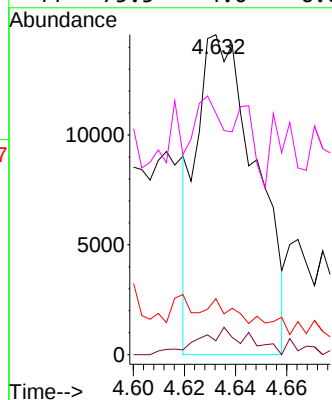
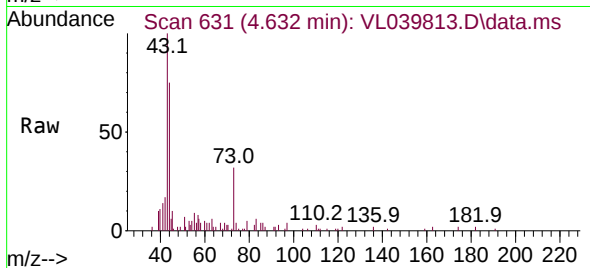
#23
 Vinyl Acetate
 Concen: 0.467 ppbv m
 RT: 4.632 min Scan# 613
 Delta R.T. 0.007 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 43 Resp: 23352
 Ion Ratio Lower Upper
 43 100
 86 4.3 5.0 7.4#
 42 17.5 6.8 10.2#
 44 75.5 4.0 6.0#

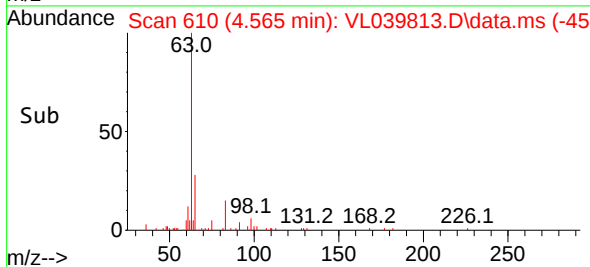
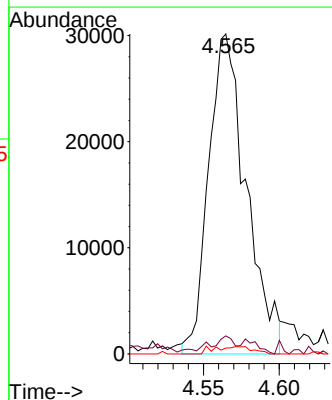
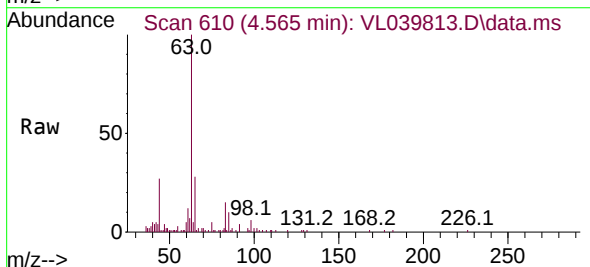
Manual Integrations
 APPROVED

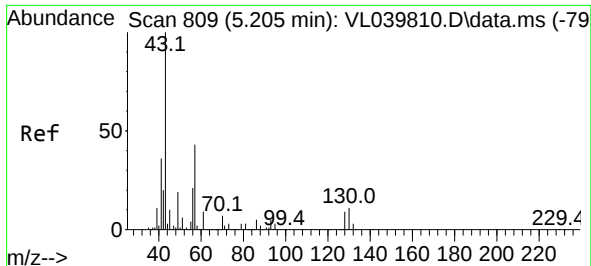
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#24
 1,1-Dichloroethane
 Concen: 0.446 ppbv m
 RT: 4.565 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39

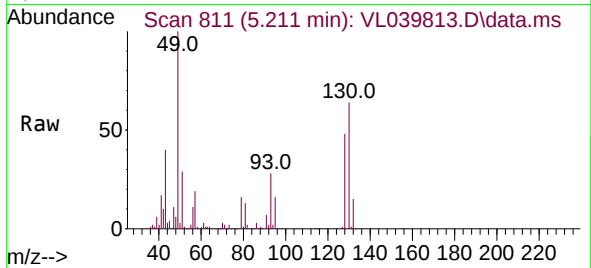
Tgt Ion: 63 Resp: 51924
 Ion Ratio Lower Upper
 63 100
 98 5.6 1.8 5.4#
 100 1.8 1.5 4.4





#25
Ethyl Acetate
Concen: 0.499 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.007 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

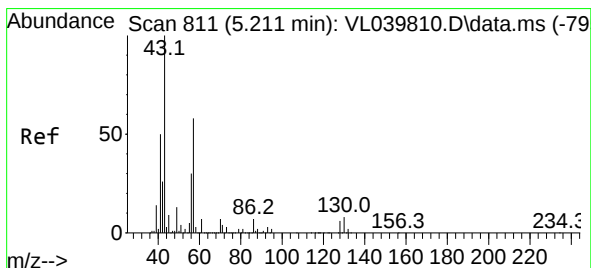
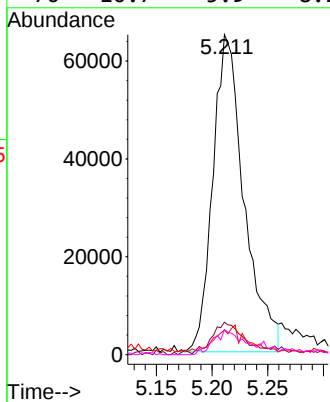
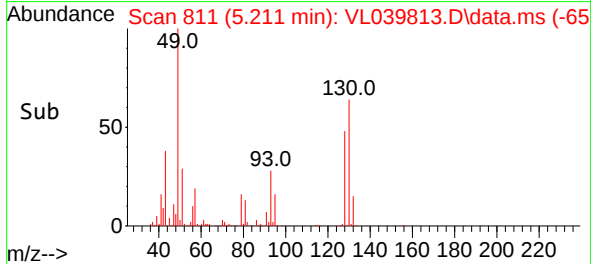
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:	43	Resp:	126518
Ion Ratio	Lower	Upper	
43	100		
45	12.8	8.2	12.2
61	12.9	8.1	12.1
70	10.7	5.9	8.9

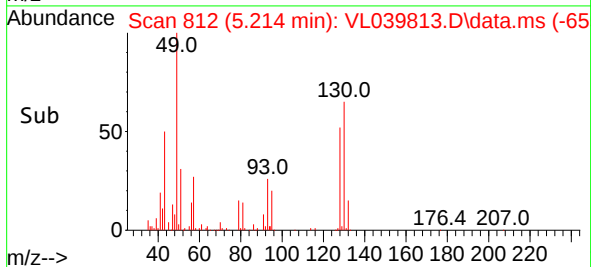
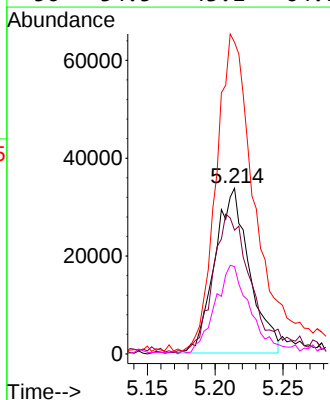
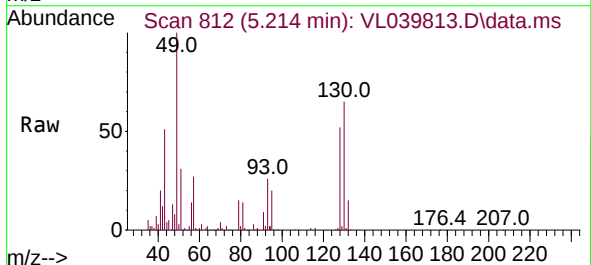
Manual Integrations
APPROVED

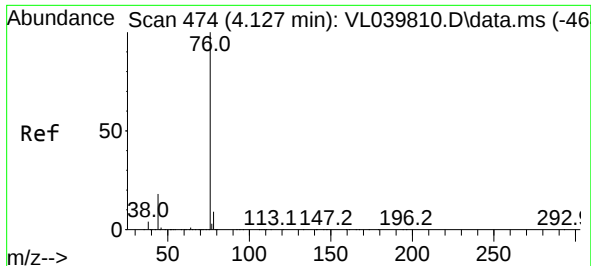
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#26
Hexane
Concen: 0.571 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

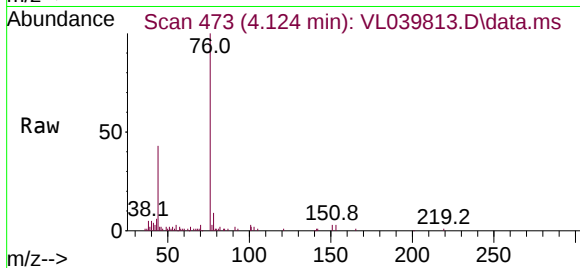
Tgt Ion:	57	Resp:	60235
Ion Ratio	Lower	Upper	
57	100		
41	100.4	73.7	110.5
43	229.8	189.8	284.8
56	54.5	43.1	64.7





#27
Carbon Disulfide
Concen: 0.445 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

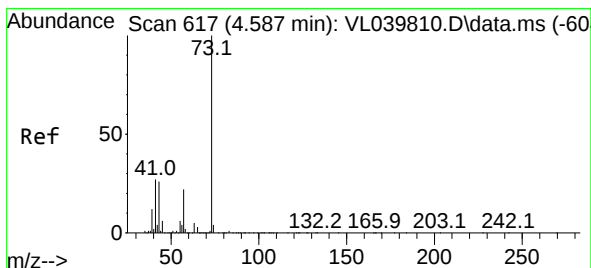
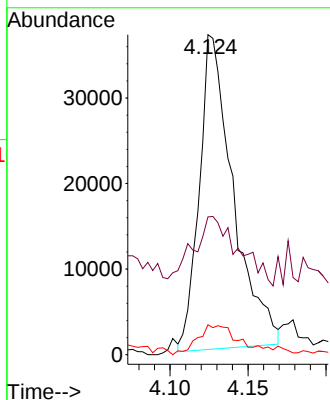
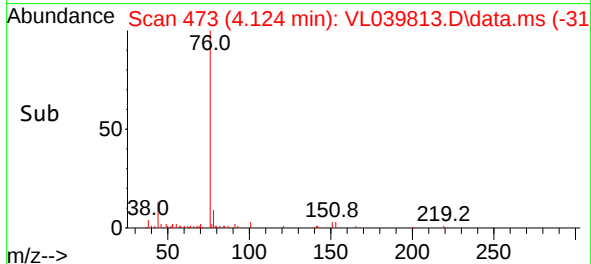
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 76 Resp: 55688
Ion Ratio Lower Upper
76 100
44 53.8 14.6 22.0
78 12.8 7.6 11.4

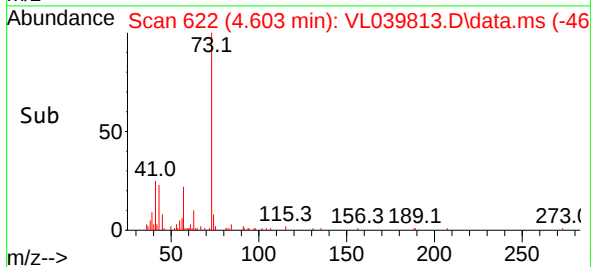
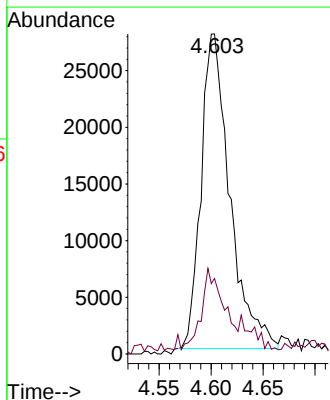
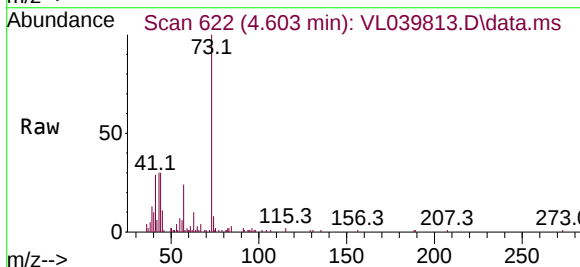
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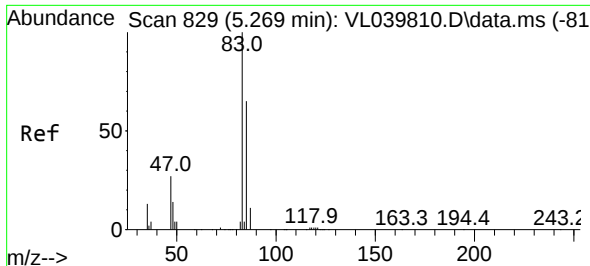
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#28
Methyl tert-Butyl Ether
Concen: 0.583 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.016 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 73 Resp: 53493
Ion Ratio Lower Upper
73 100
57 28.9 19.4 29.2





#29

Chloroform

Concen: 0.507 ppbv

RT: 5.272 min Scan# 84

Delta R.T. 0.003 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 83 Resp: 8403

Ion Ratio Lower Upper

83 100

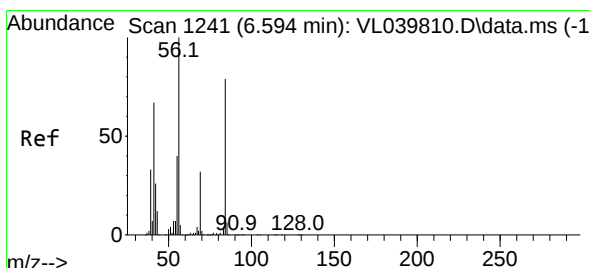
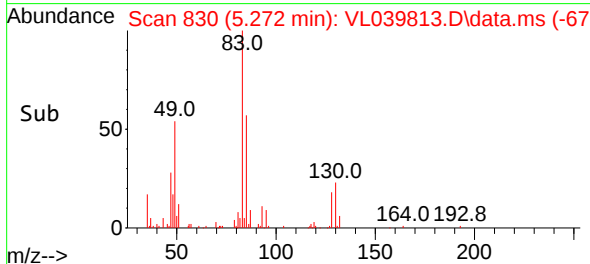
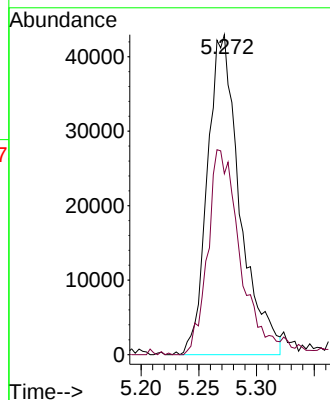
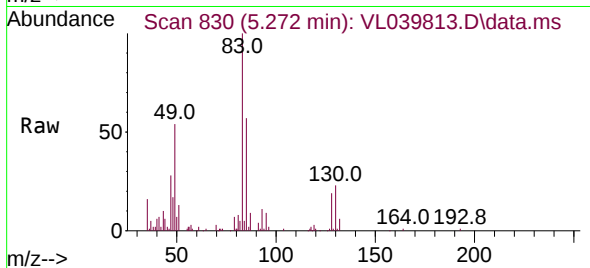
85 56.5 51.6 77.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#30

Cyclohexane

Concen: 0.586 ppbv m

RT: 6.597 min Scan# 1242

Delta R.T. 0.003 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

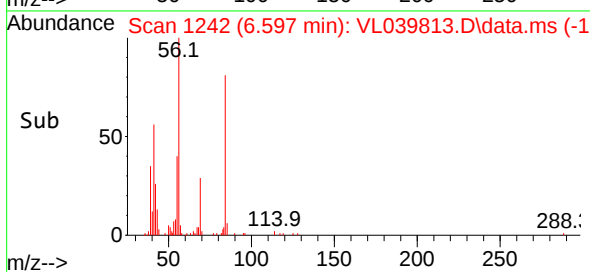
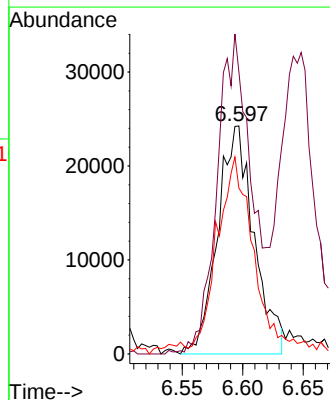
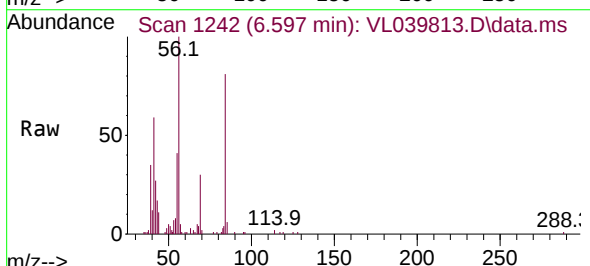
Tgt Ion: 84 Resp: 50638

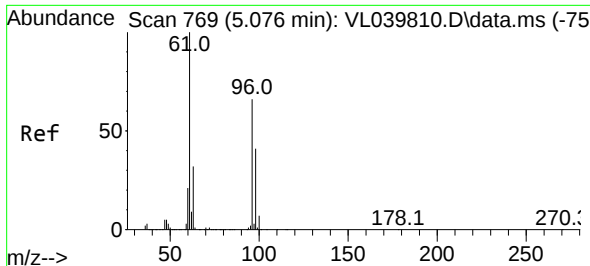
Ion Ratio Lower Upper

84 100

56 128.0 114.8 172.2

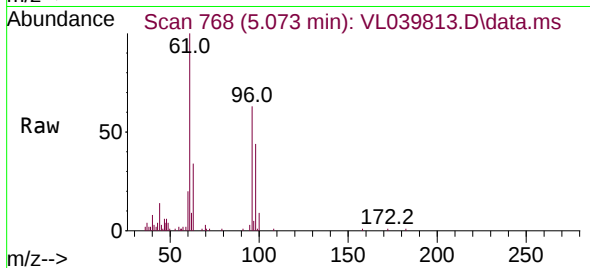
41 86.7 68.6 103.0





#31
cis-1,2-Dichloroethene
Concen: 0.505 ppbv m
RT: 5.073 min Scan# 769
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

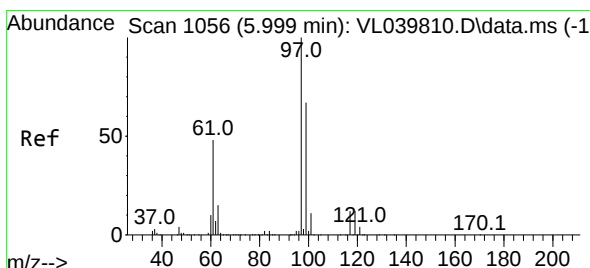
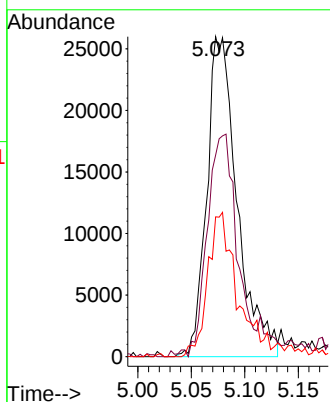
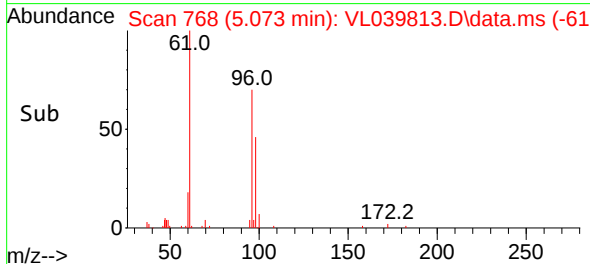
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 61 Resp: 51429
Ion Ratio Lower Upper
61 100
96 63.0 52.6 78.8
98 43.7 32.6 48.8

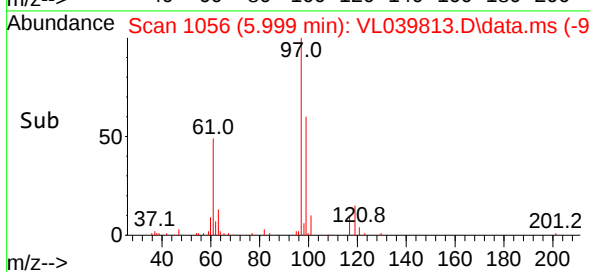
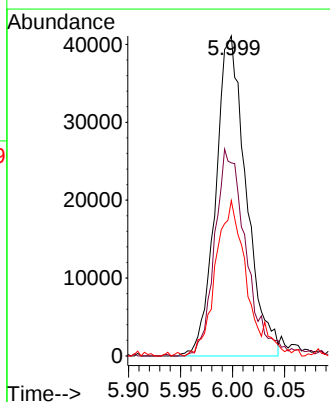
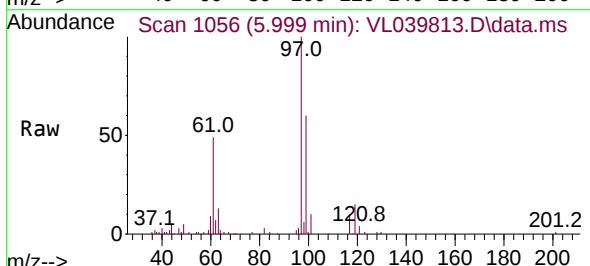
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APPROVED

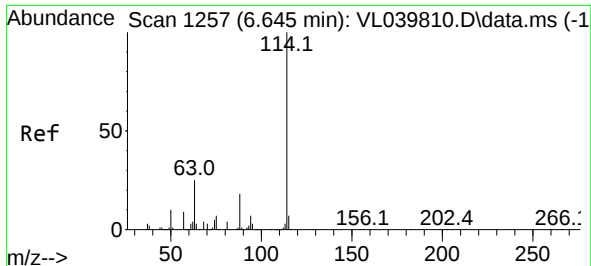
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#32
1,1,1-Trichloroethane
Concen: 0.559 ppbv
RT: 5.999 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 97 Resp: 84090
Ion Ratio Lower Upper
97 100
99 67.4 52.7 79.1
61 50.8 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:114 Resp: 2957924

Ion Ratio Lower Upper

114 100

63 24.3 19.8 29.6

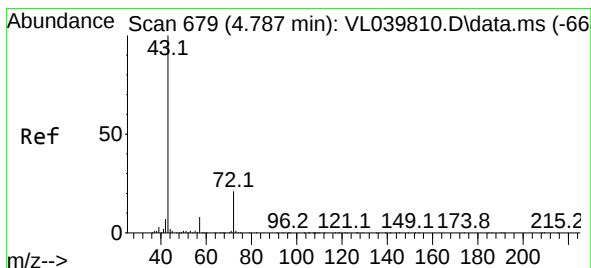
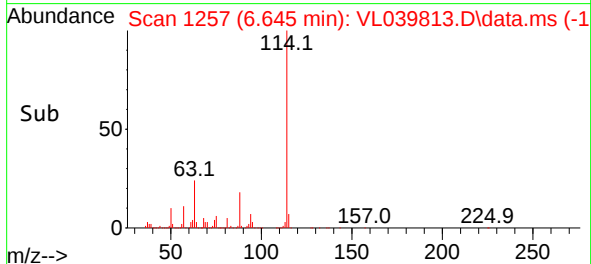
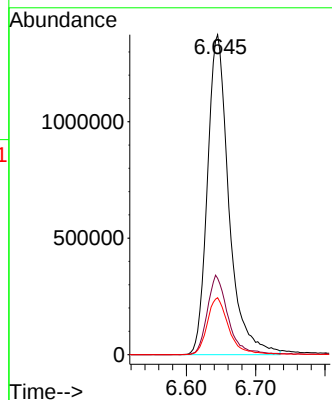
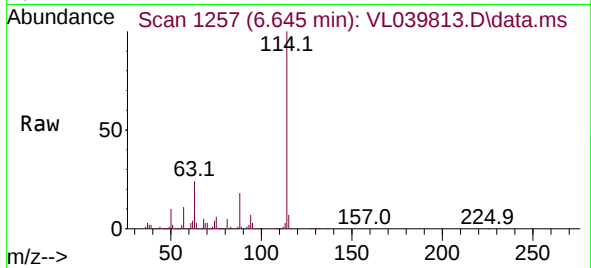
88 18.0 14.4 21.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#34

2-Butanone

Concen: 0.443 ppbv m

RT: 4.799 min Scan# 683

Delta R.T. 0.013 min

Lab File: VL039813.D

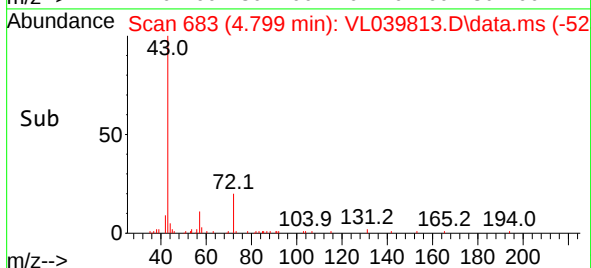
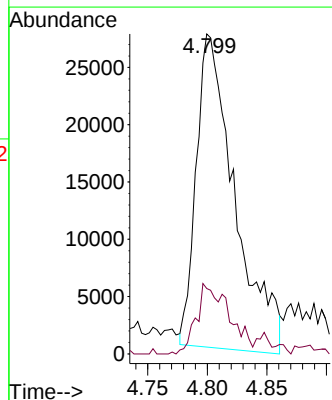
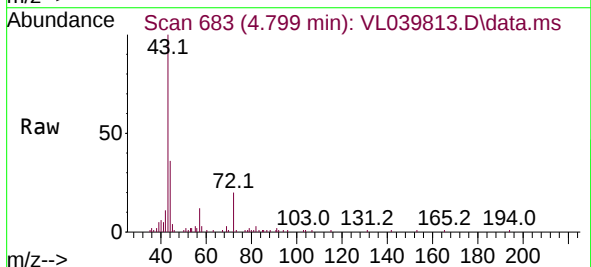
Acq: 2 Nov 2022 12:39

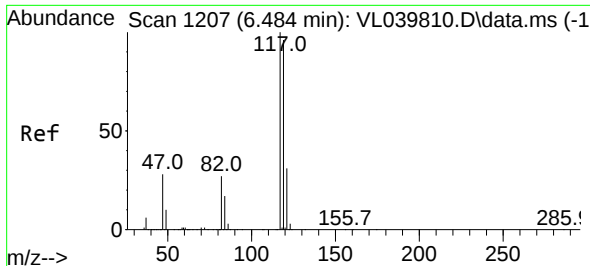
Tgt Ion: 43 Resp: 61643

Ion Ratio Lower Upper

43 100

72 23.4 17.5 26.3





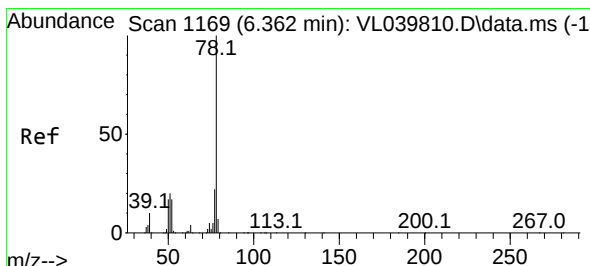
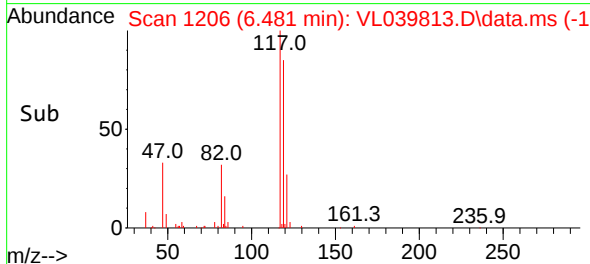
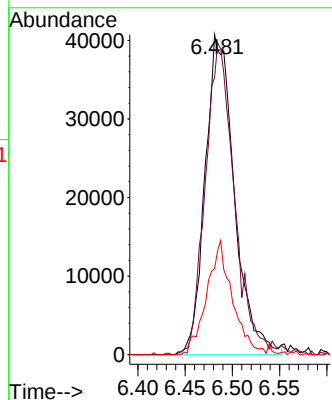
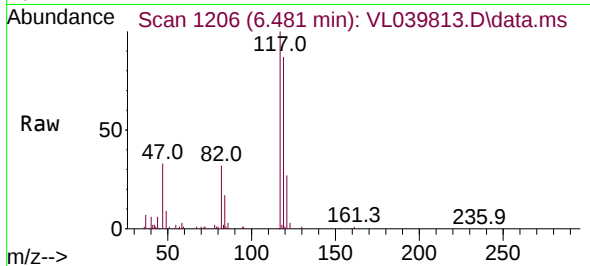
#35
Carbon Tetrachloride
Concen: 0.519 ppbv m
RT: 6.481 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:117 Resp: 87548
Ion Ratio Lower Upper
117 100
119 86.6 76.5 114.7
121 26.8 25.2 37.8

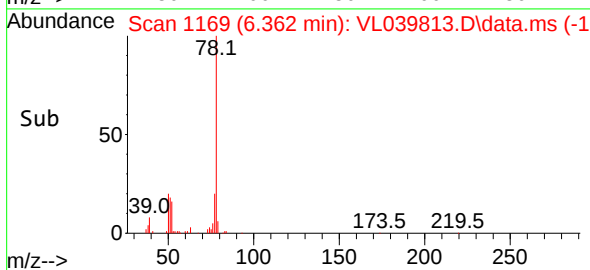
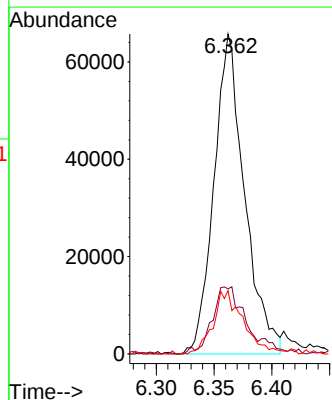
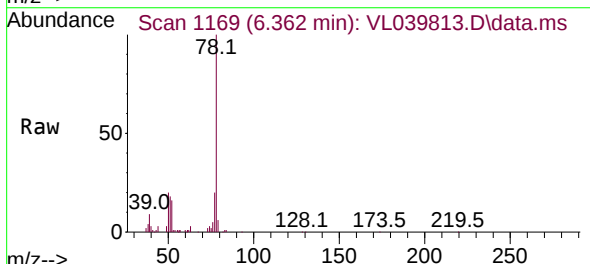
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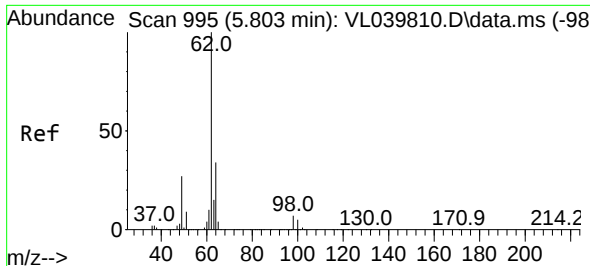
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#36
Benzene
Concen: 0.531 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

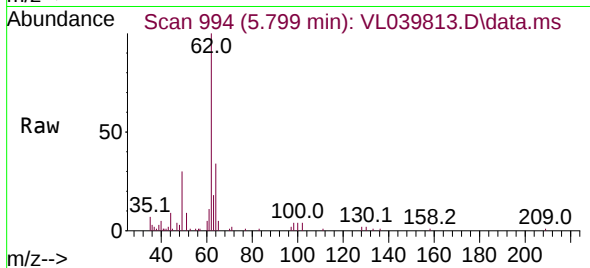
Tgt Ion: 78 Resp: 121054
Ion Ratio Lower Upper
78 100
77 20.3 17.4 26.2
50 19.8 13.9 20.9





#37
1,2-Dichloroethane
Concen: 0.448 ppbv
RT: 5.799 min Scan# 995
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

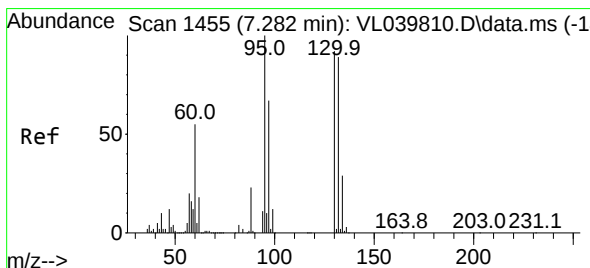
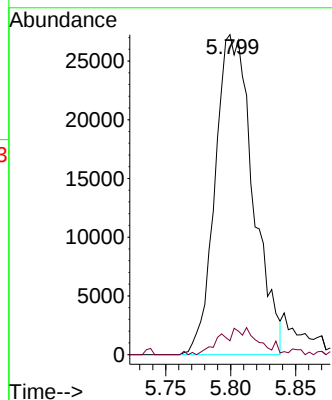
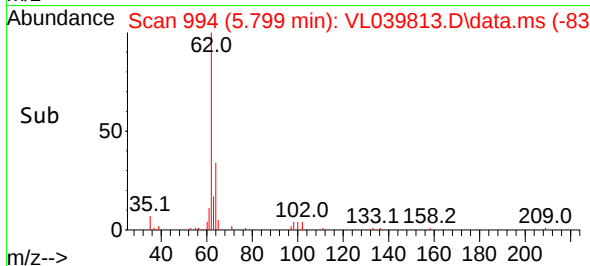
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



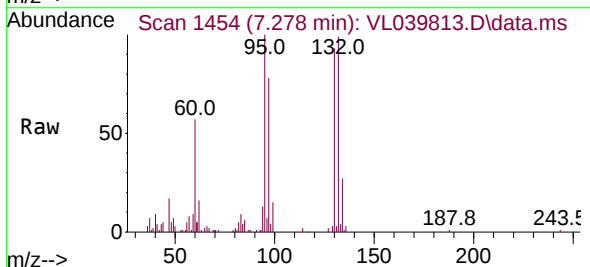
Tgt Ion: 62 Resp: 55390
Ion Ratio Lower Upper
62 100
98 9.4 5.4 8.2

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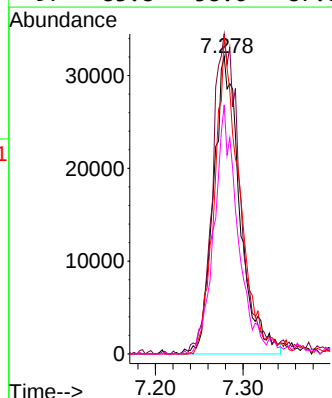
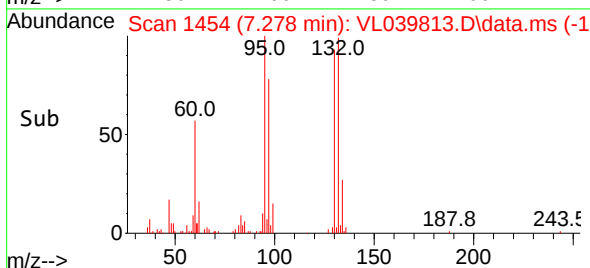
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

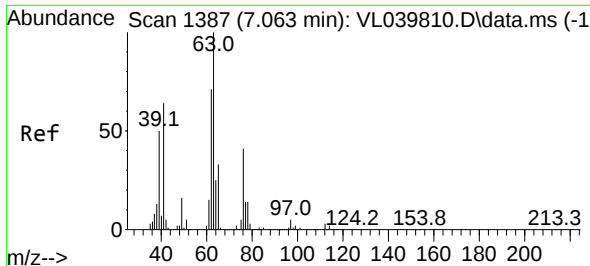


#38
Trichloroethene
Concen: 0.524 ppbv m
RT: 7.278 min Scan# 1454
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39



Tgt Ion:130 Resp: 67348
Ion Ratio Lower Upper
130 100
95 107.6 87.4 131.2
132 107.0 77.7 116.5
97 83.8 58.6 87.8





#39

1,2-Dichloropropane

Concen: 0.569 ppbv m

RT: 7.063 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VL039813.D

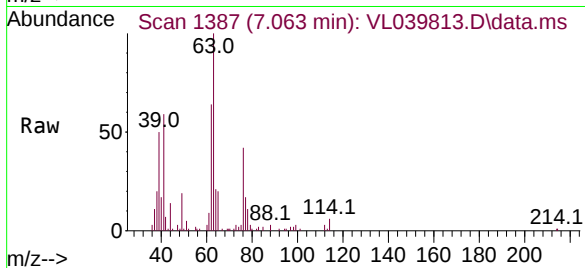
Acq: 2 Nov 2022 12:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5



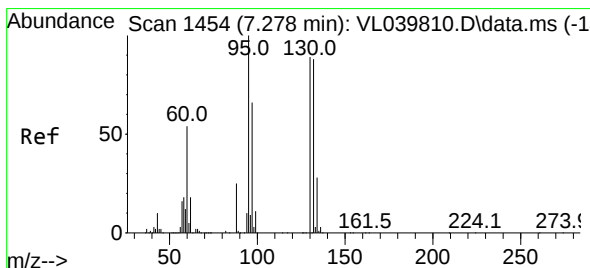
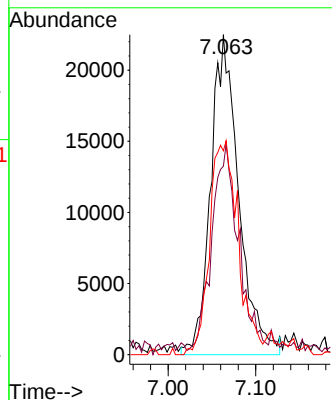
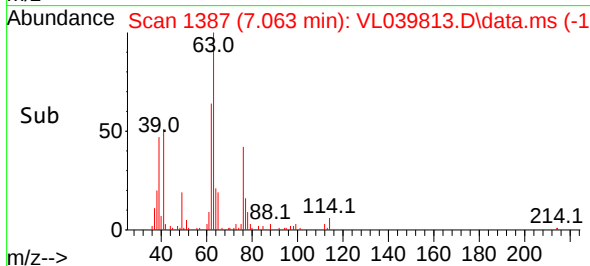
Tgt Ion: 63 Resp: 49919

Ion	Ratio	Lower	Upper
63	100		
41	58.9	51.0	76.4
62	63.7	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

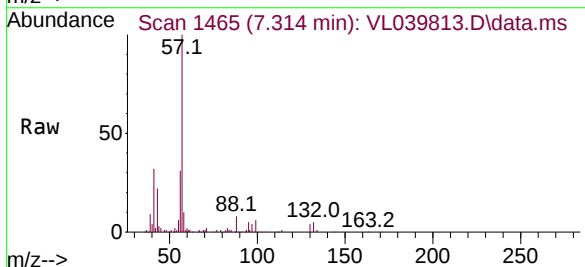
Concen: 0.609 ppbv m

RT: 7.314 min Scan# 1465

Delta R.T. 0.035 min

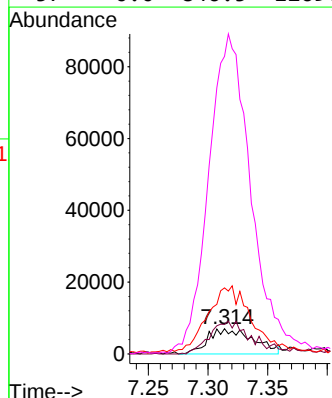
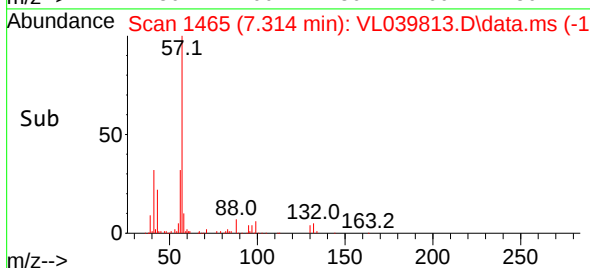
Lab File: VL039813.D

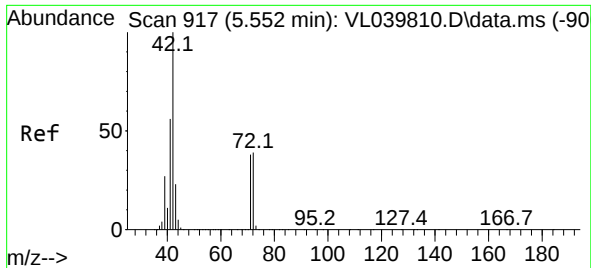
Acq: 2 Nov 2022 12:39



Tgt Ion: 88 Resp: 18210

Ion	Ratio	Lower	Upper
88	100		
58	0.0	99.5	149.3#
43	0.0	189.7	284.5#
57	0.0	846.5	1269.7#





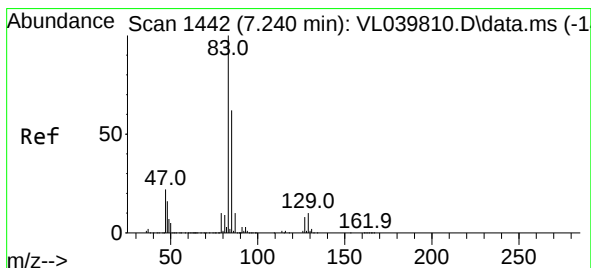
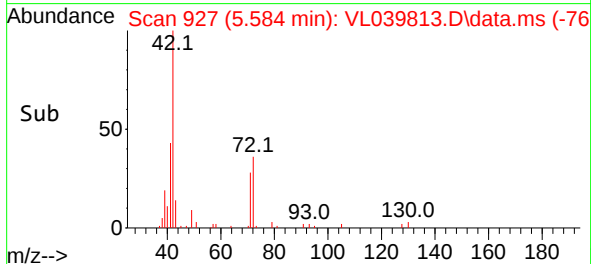
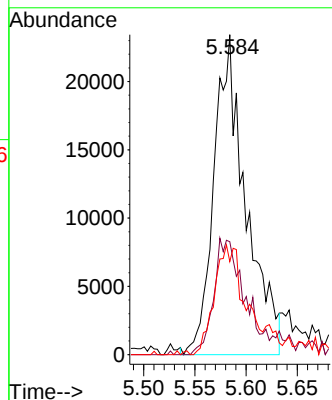
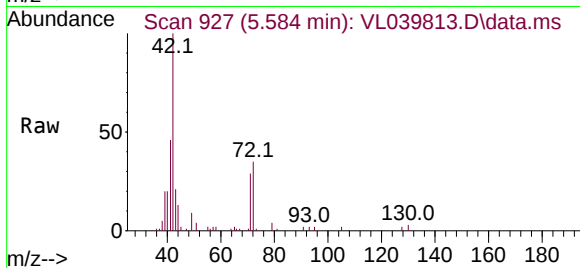
#41
Tetrahydrofuran
Concen: 0.585 ppbv m
RT: 5.584 min Scan# 91
Delta R.T. 0.032 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 42 Resp: 50549
Ion Ratio Lower Upper
42 100
72 40.5 31.4 47.2
71 0.0 31.5 47.3

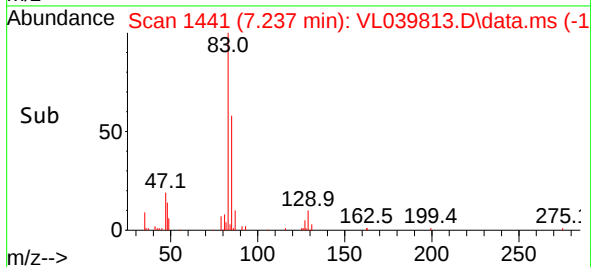
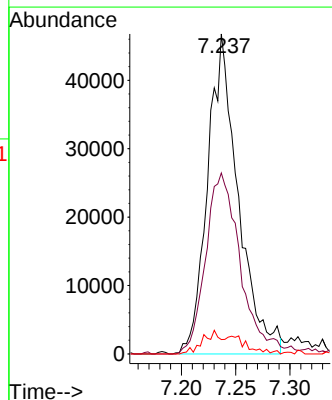
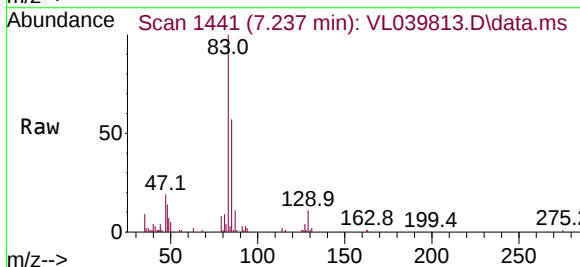
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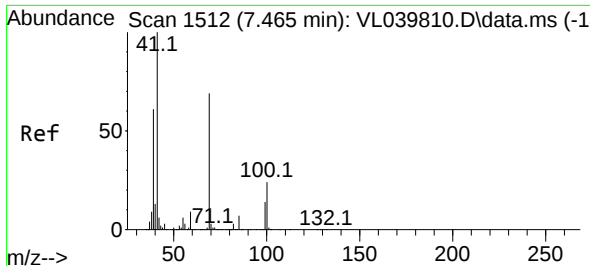
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#42
Bromodichloromethane
Concen: 0.527 ppbv m
RT: 7.237 min Scan# 1441
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 83 Resp: 91794
Ion Ratio Lower Upper
83 100
85 56.5 49.9 74.9
127 4.5 6.4 9.6





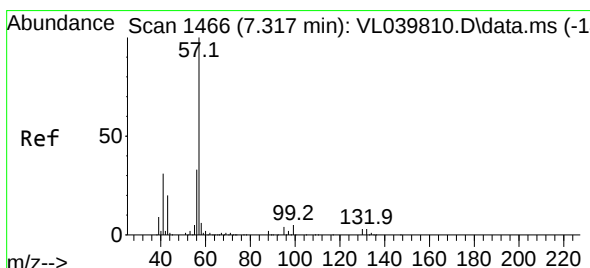
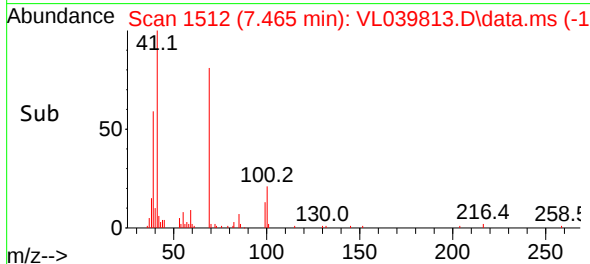
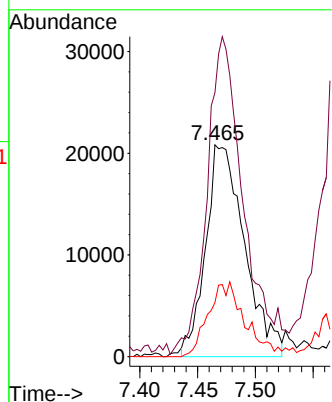
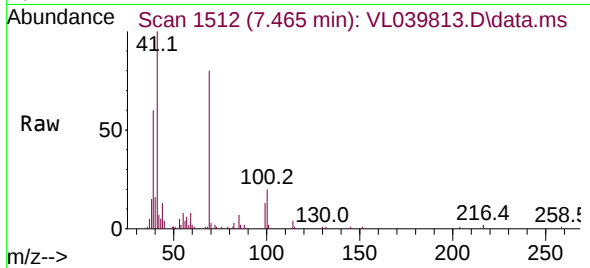
#43
Methyl Methacrylate
Concen: 0.616 ppbv
RT: 7.465 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 4883
Ion Ratio Lower Upper
69 100
41 0.0 115.7 173.5
100 0.0 25.9 38.9

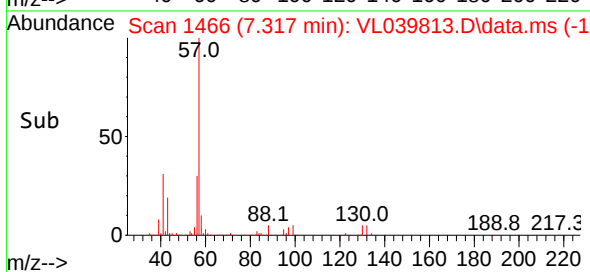
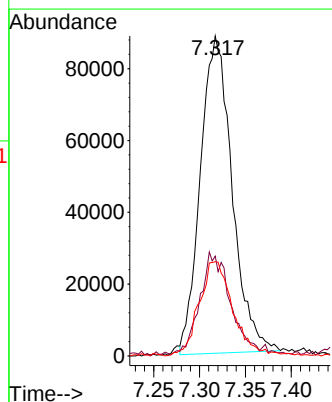
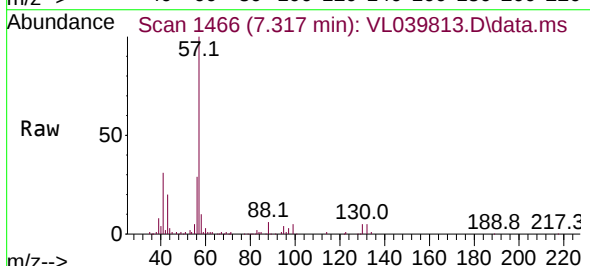
Manual Integrations
APPROVED

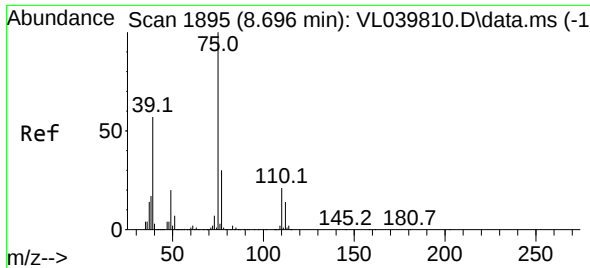
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#44
2,2,4-Trimethylpentane
Concen: 0.559 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 57 Resp: 212897
Ion Ratio Lower Upper
57 100
41 32.3 24.6 36.8
56 32.4 25.4 38.0





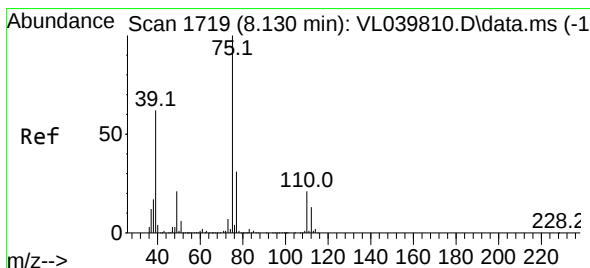
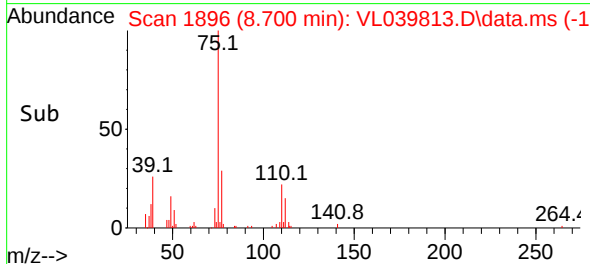
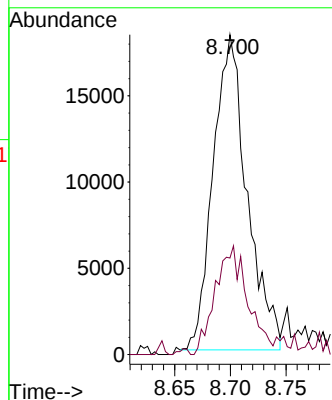
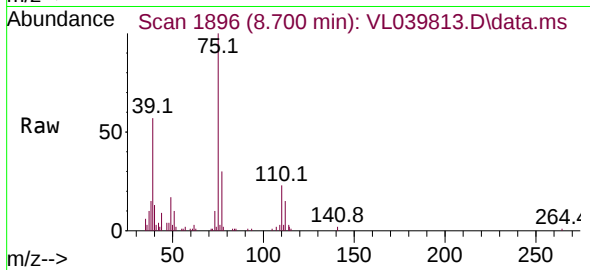
#45
 t-1,3-Dichloropropene
 Concen: 0.574 ppbv
 RT: 8.700 min Scan# 1895
 Delta R.T. 0.003 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 75 Resp: 38703
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.4 36.6

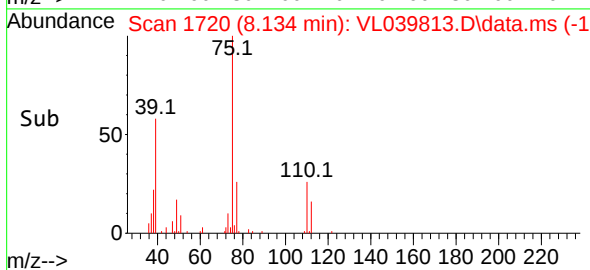
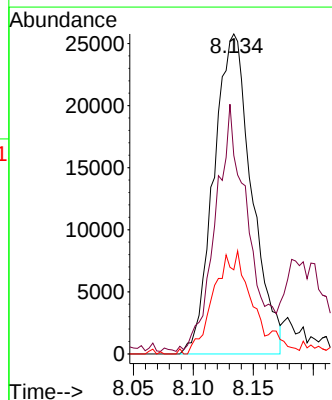
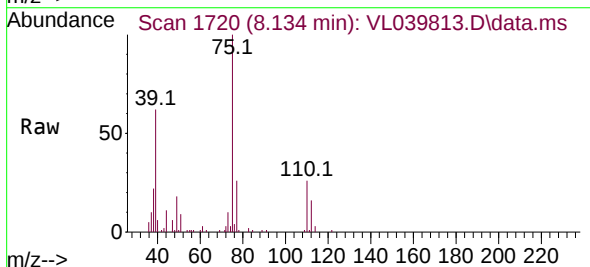
Manual Integrations
 APPROVED

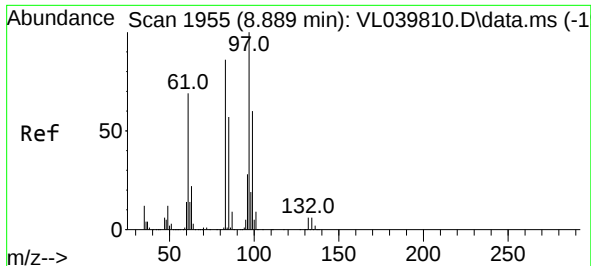
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#46
 cis-1,3-Dichloropropene
 Concen: 0.587 ppbv
 RT: 8.134 min Scan# 1720
 Delta R.T. 0.003 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39

Tgt Ion: 75 Resp: 56812
 Ion Ratio Lower Upper
 75 100
 39 59.6 50.0 75.0
 77 24.7 25.1 37.7#





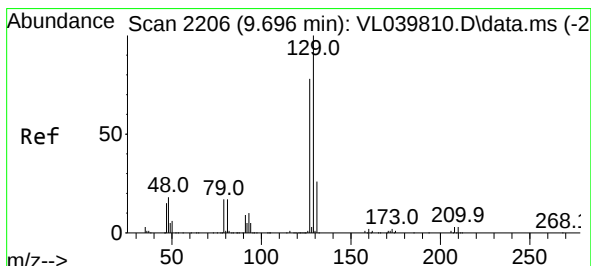
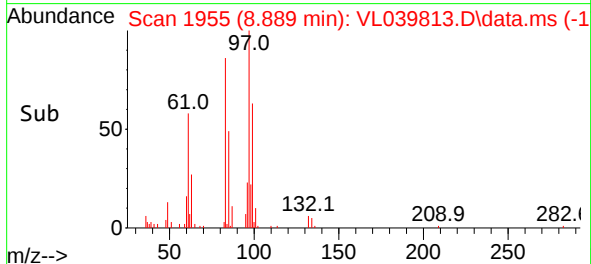
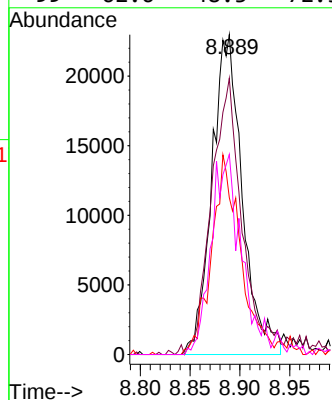
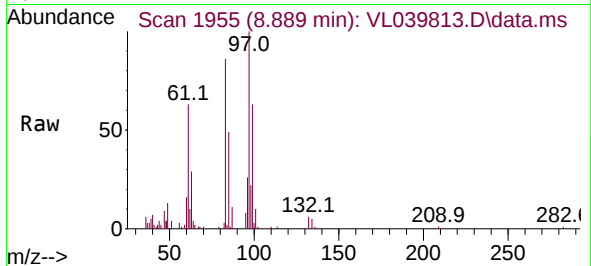
#47
1,1,2-Trichloroethane
Concen: 0.522 ppbv m
RT: 8.889 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 97 Resp: 49061
Ion Ratio Lower Upper
97 100
83 86.4 68.8 103.2
85 49.0 45.8 68.6
99 62.6 48.3 72.5

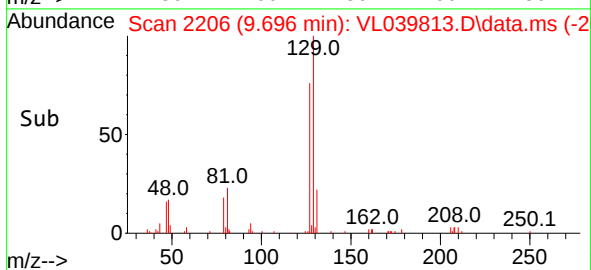
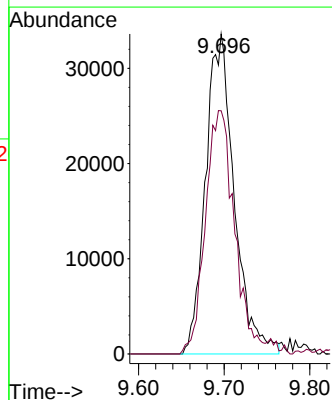
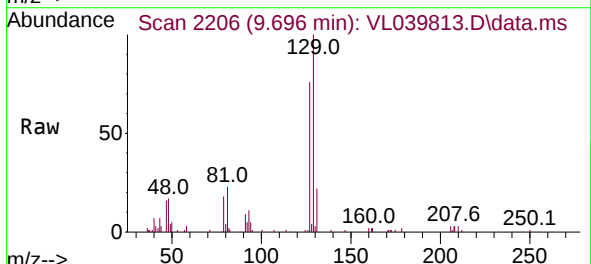
Manual Integrations
APPROVED

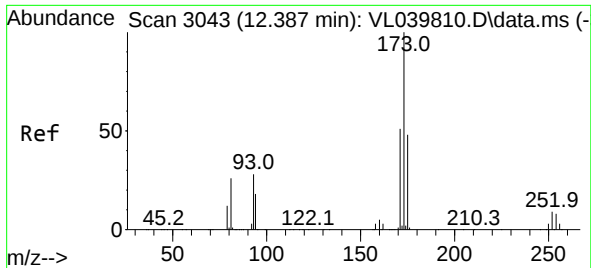
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#48
Dibromochloromethane
Concen: 0.517 ppbv m
RT: 9.696 min Scan# 2206
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion:129 Resp: 78145
Ion Ratio Lower Upper
129 100
127 78.8 39.4 118.1





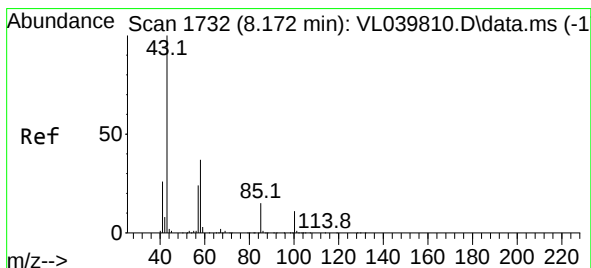
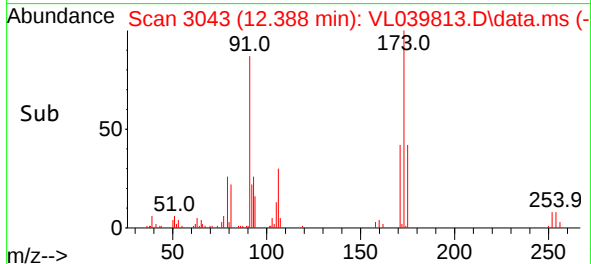
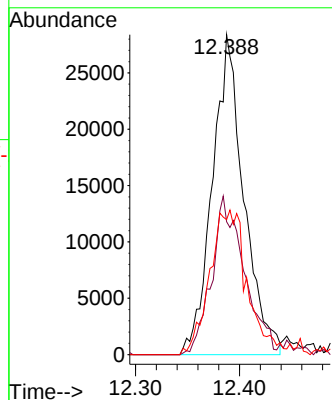
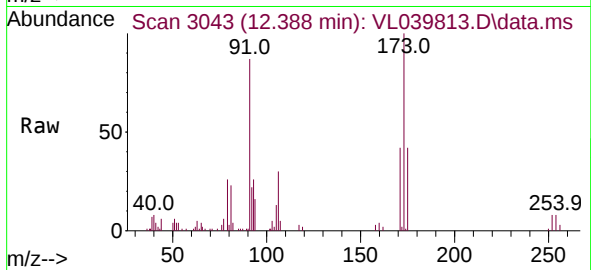
#49
Bromoform
Concen: 0.484 ppbv
RT: 12.388 min Scan# 3043
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 173 Resp: 59669
Ion Ratio Lower Upper
173 100
175 54.5 39.7 59.5
171 55.5 41.7 62.5

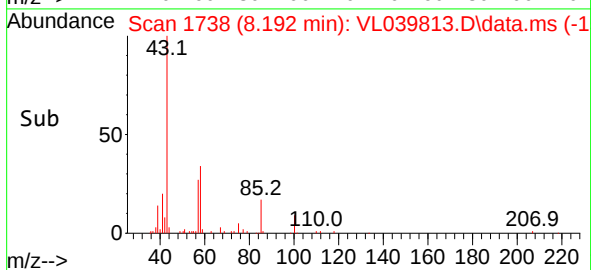
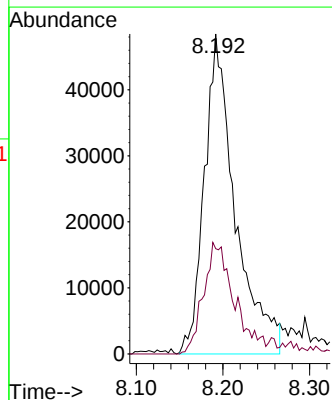
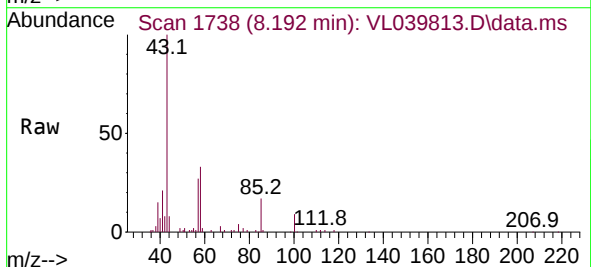
Manual Integrations
APPROVED

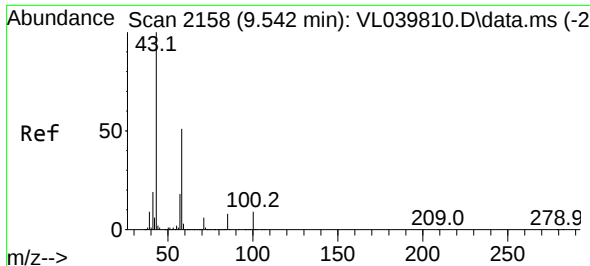
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#50
4-Methyl-2-Pentanone
Concen: 0.549 ppbv m
RT: 8.192 min Scan# 1738
Delta R.T. 0.019 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 43 Resp: 119837
Ion Ratio Lower Upper
43 100
58 34.7 29.8 44.6





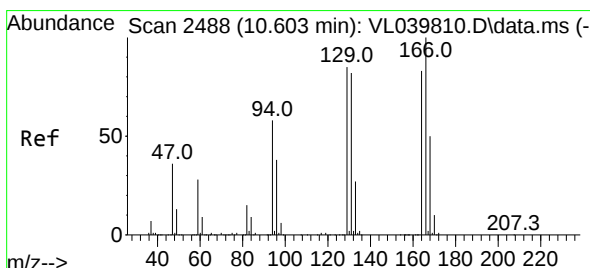
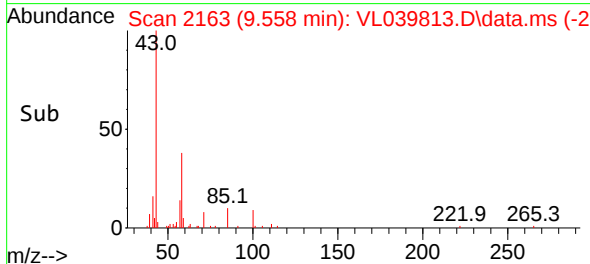
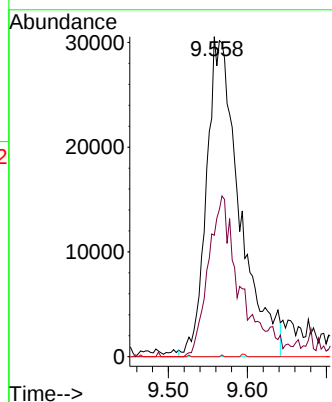
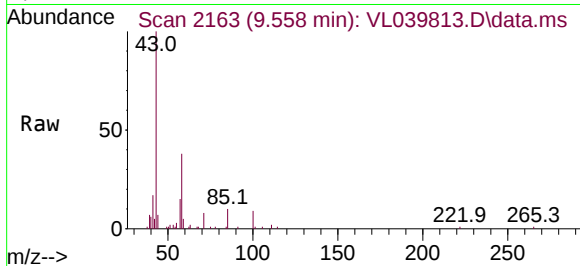
#51
2-Hexanone
Concen: 0.556 ppbv m
RT: 9.558 min Scan# 2158
Delta R.T. 0.016 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 88834
Ion Ratio Lower Upper
43 100
58 0.0 40.5 60.7
98 0.0 0.1 0.1

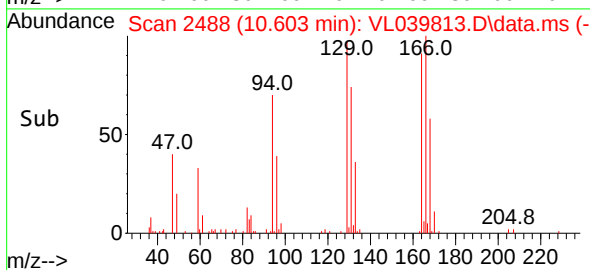
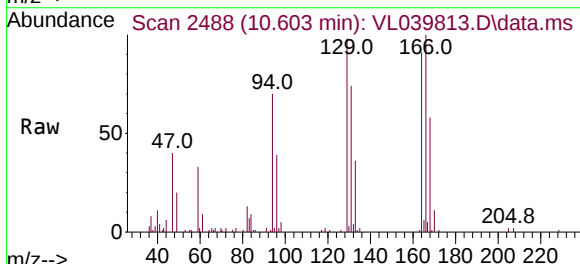
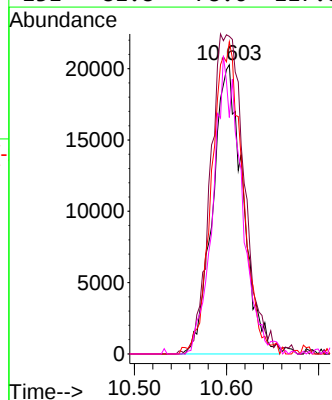
Manual Integrations
APPROVED

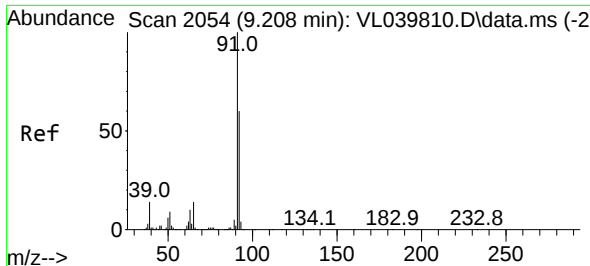
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#52
Tetrachloroethene
Concen: 0.543 ppbv m
RT: 10.603 min Scan# 2488
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion:164 Resp: 46301
Ion Ratio Lower Upper
164 100
166 109.8 96.0 144.0
129 107.9 81.4 122.2
131 81.8 78.6 117.8





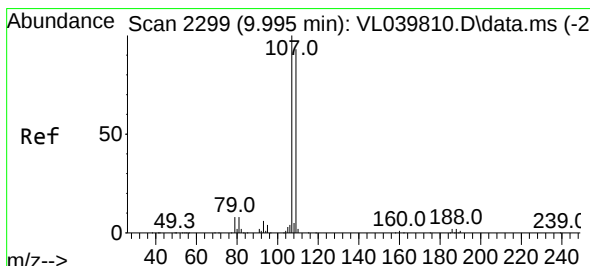
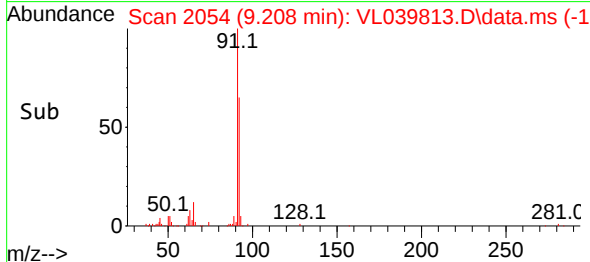
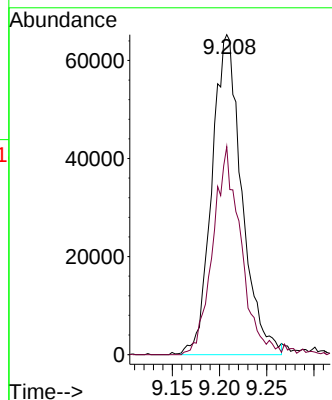
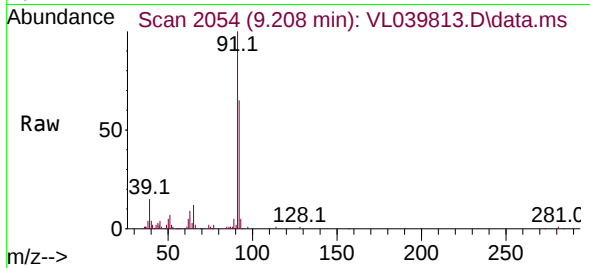
#53
Toluene
Concen: 0.601 ppbv m
RT: 9.208 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 143498
Ion Ratio Lower Upper
91 100
92 62.1 49.6 74.4

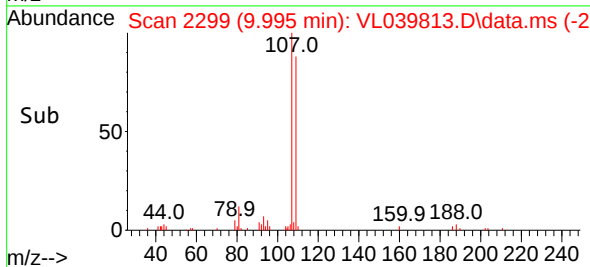
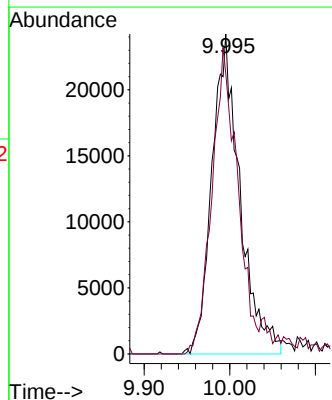
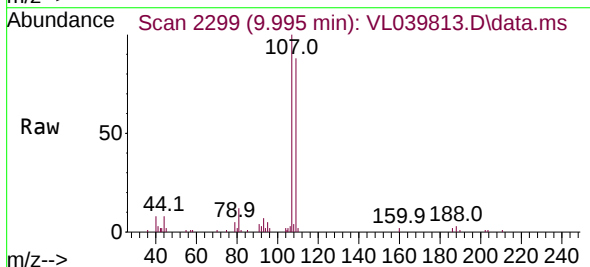
Manual Integrations
APPROVED

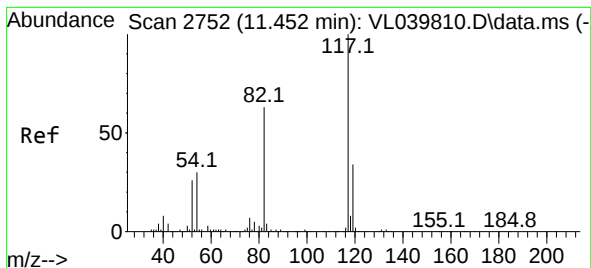
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#54
1,2-Dibromoethane
Concen: 0.577 ppbv m
RT: 9.995 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

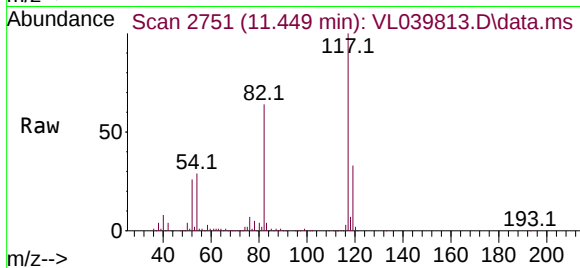
Tgt Ion:107 Resp: 55056
Ion Ratio Lower Upper
107 100
109 87.6 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

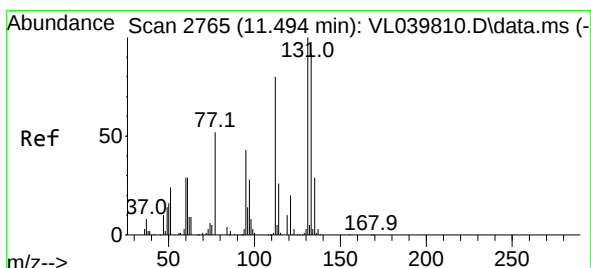
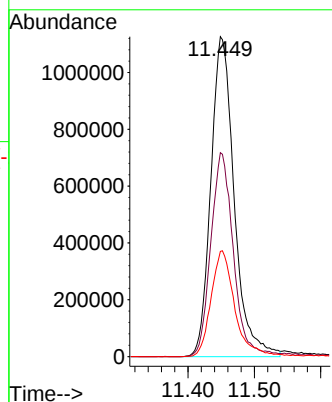
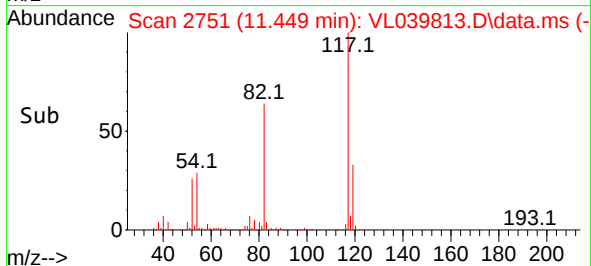
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



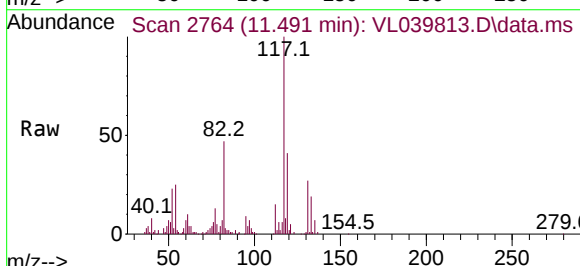
Tgt Ion:117 Resp: 2753224
Ion Ratio Lower Upper
117 100
82 62.8 51.0 76.6
119 33.7 24.7 37.1

Manual Integrations
APPROVED

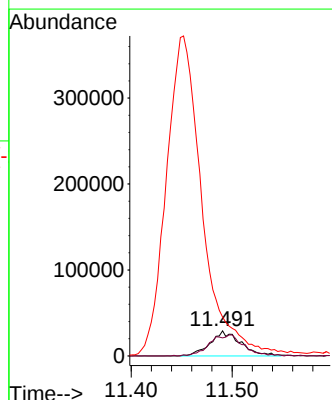
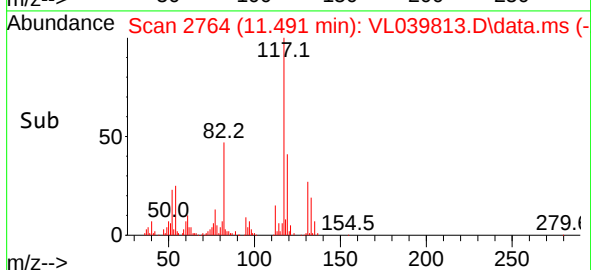
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

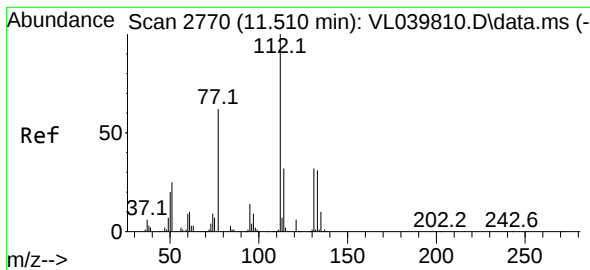


#56
1,1,1,2-Tetrachloroethane
Concen: 0.518 ppbv m
RT: 11.491 min Scan# 2764
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39



Tgt Ion:131 Resp: 60371
Ion Ratio Lower Upper
131 100
133 95.2 76.9 115.3
119 0.0 52.2 78.2#





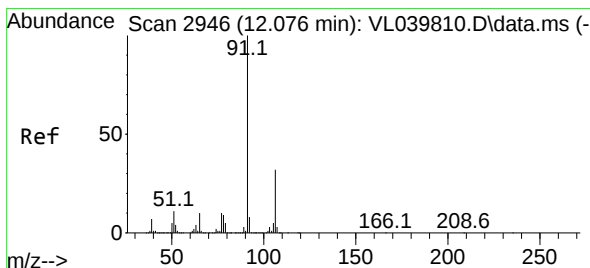
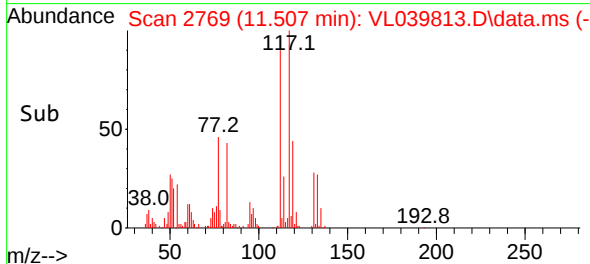
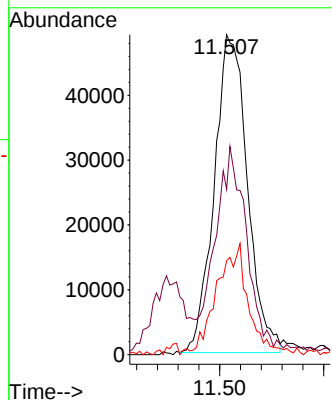
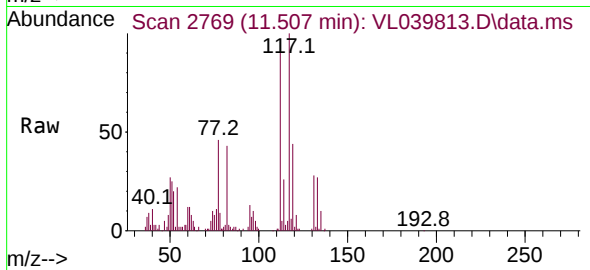
#57
Chlorobenzene
Concen: 0.515 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:112 Resp: 108774
Ion Ratio Lower Upper
112 100
77 48.7 49.8 74.6
114 29.5 29.0 35.4

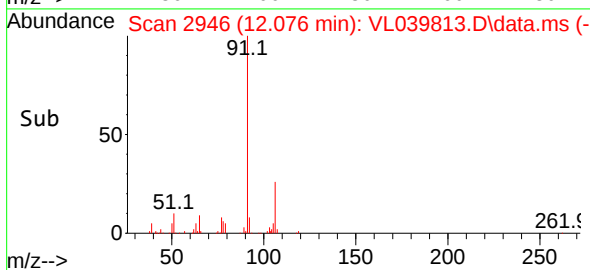
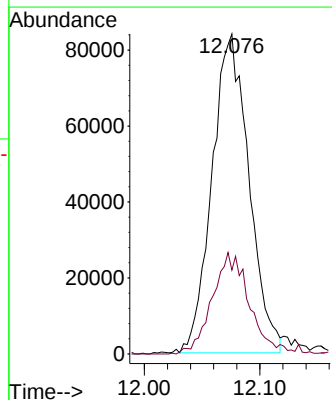
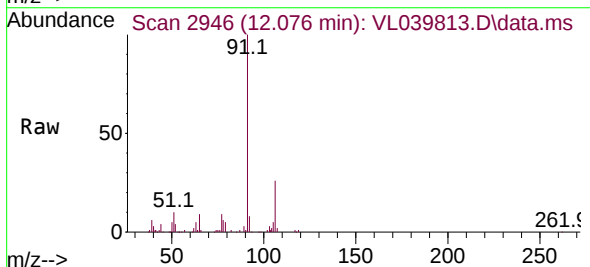
Manual Integrations
APPROVED

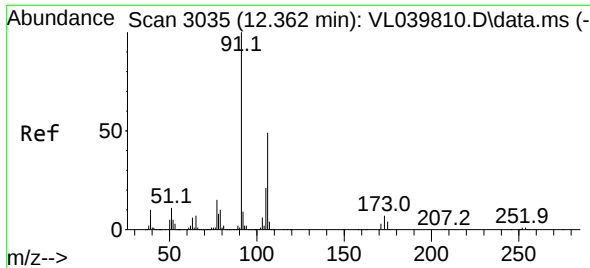
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#58
Ethyl Benzene
Concen: 0.595 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 91 Resp: 186489
Ion Ratio Lower Upper
91 100
106 25.7 25.9 38.9#





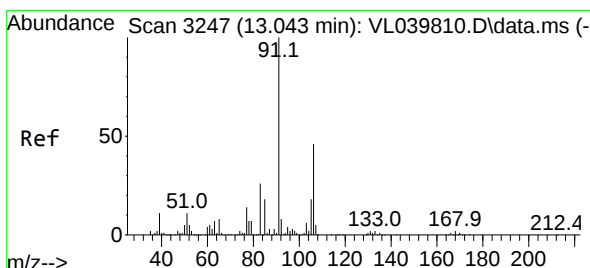
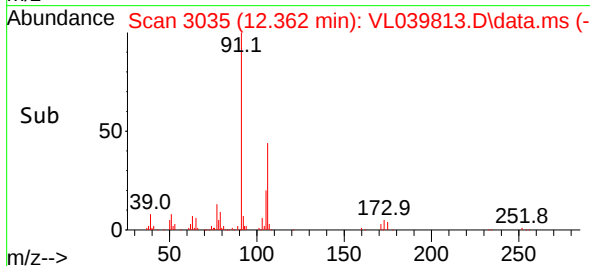
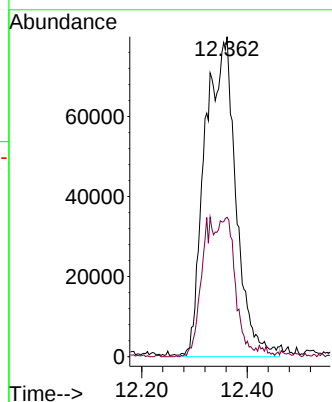
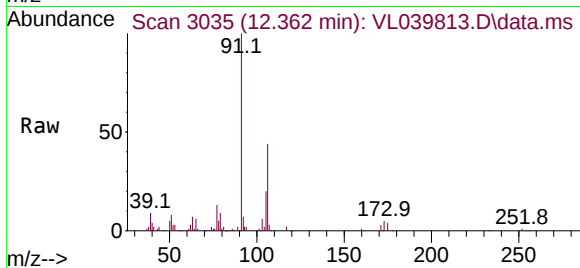
#59
m/p-Xylene
Concen: 1.149 ppbv m
RT: 12.362 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 325168
Ion Ratio Lower Upper
91 100
106 0.0 37.6 56.4

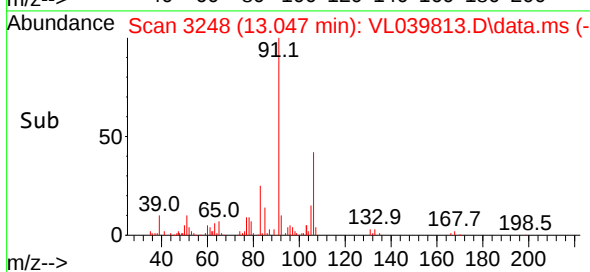
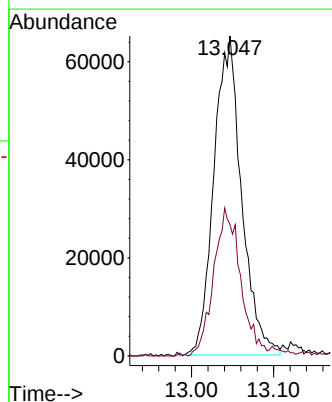
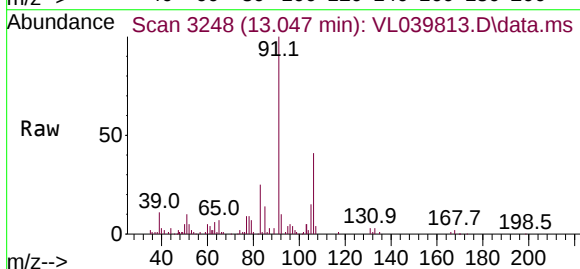
Manual Integrations
APPROVED

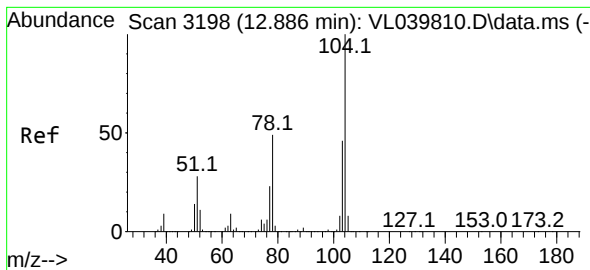
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#60
o-Xylene
Concen: 0.576 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. 0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion: 91 Resp: 152878
Ion Ratio Lower Upper
91 100
106 46.4 23.6 70.8





#61

Styrene

Concen: 0.623 ppbv

RT: 12.883 min Scan# 3198

Delta R.T. -0.003 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

Instrument :

MSVOA_L

ClientSampleId :

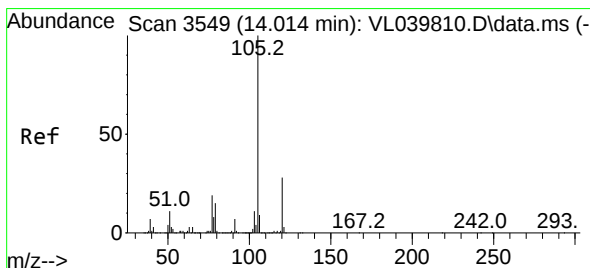
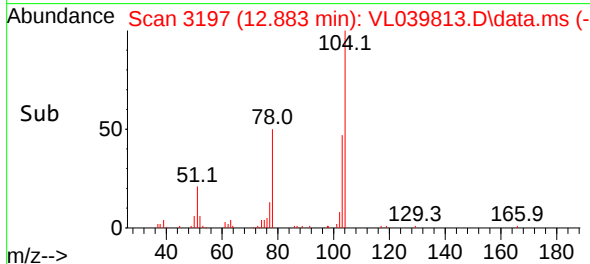
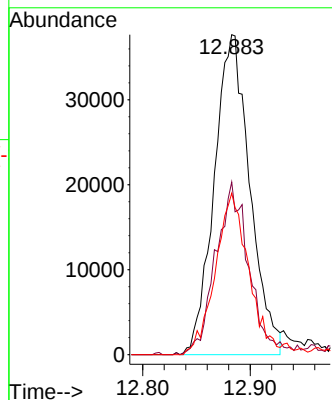
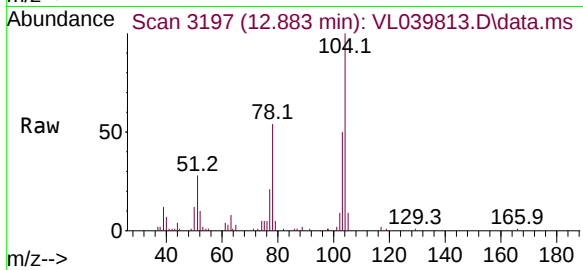
VSTDIC0.5

Tgt Ion:104 Resp: 86814
 Ion Ratio Lower Upper
 104 100
 78 50.1 40.2 60.2
 103 48.1 37.5 56.3

Manual Integrations

APPROVED

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



#62

Isopropylbenzene

Concen: 0.537 ppbv

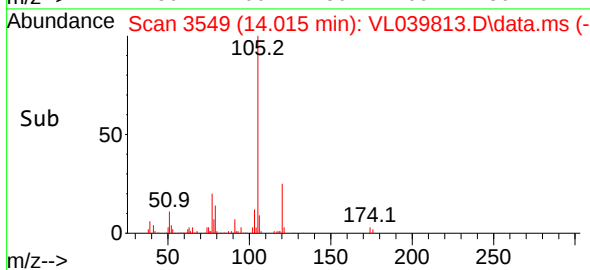
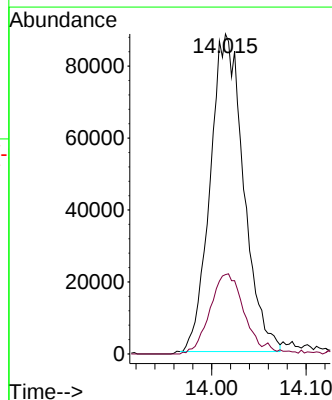
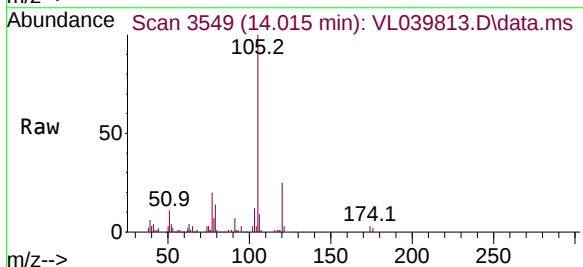
RT: 14.015 min Scan# 3549

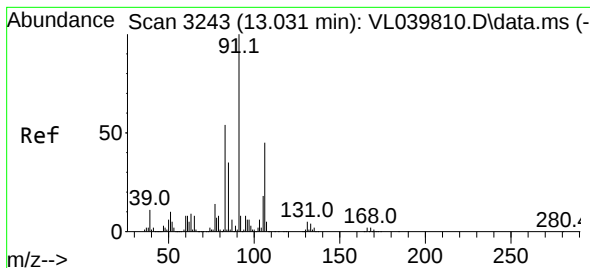
Delta R.T. 0.000 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

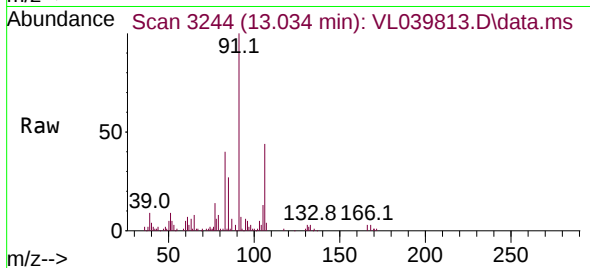
Tgt Ion:105 Resp: 217942
 Ion Ratio Lower Upper
 105 100
 120 26.6 21.7 32.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.473 ppbv m
RT: 13.034 min Scan# 3243
Delta R.T. 0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

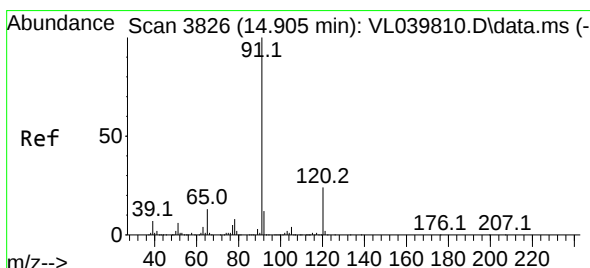
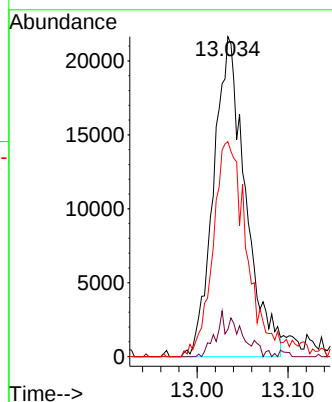
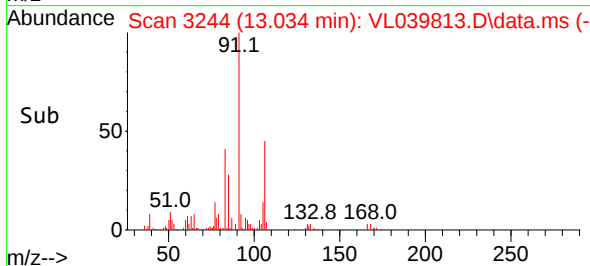
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



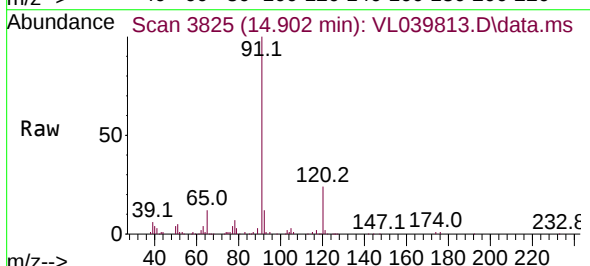
Tgt Ion: 83 Resp: 52819
Ion Ratio Lower Upper
83 100
131 11.2 4.6 13.8
85 74.4 33.3 99.9

Manual Integrations
APPROVED

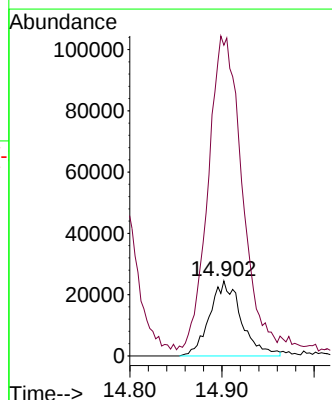
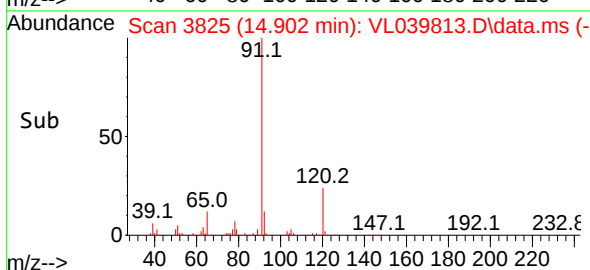
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

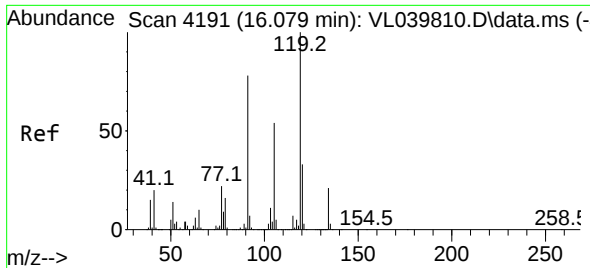


#64
n-propylbenzene
Concen: 0.567 ppbv m
RT: 14.902 min Scan# 3825
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39



Tgt Ion:120 Resp: 58240
Ion Ratio Lower Upper
120 100
91 483.8 354.9 532.3





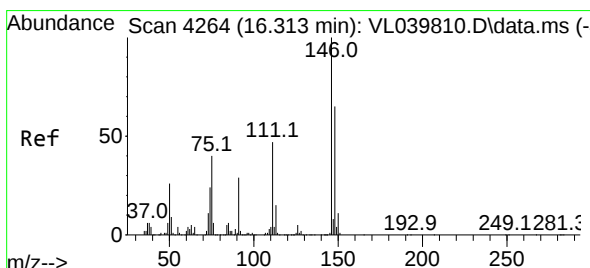
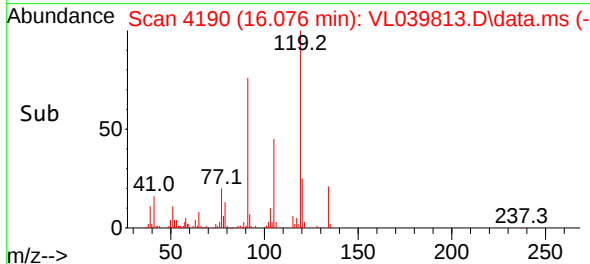
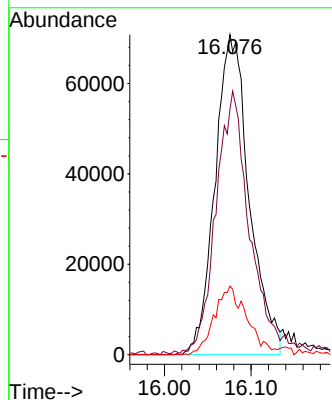
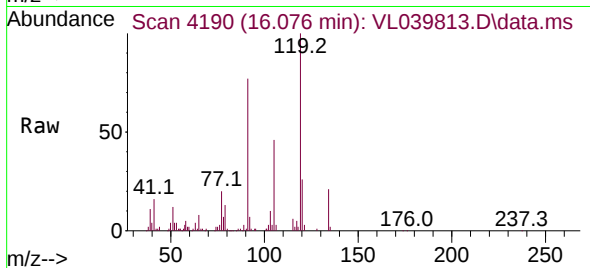
#65
tert-Butylbenzene
Concen: 0.551 ppbv
RT: 16.076 min Scan# 4191
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:119 Resp: 194576
Ion Ratio Lower Upper
119 100
91 81.8 63.7 95.5
134 21.7 16.2 24.4

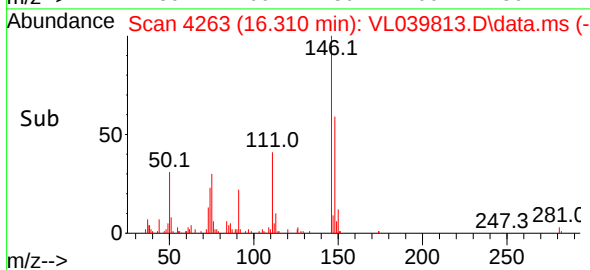
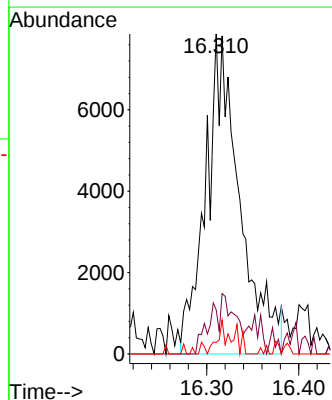
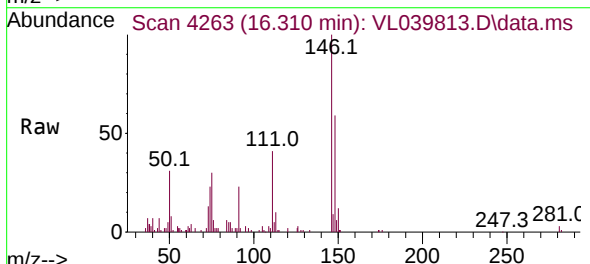
Manual Integrations
APPROVED

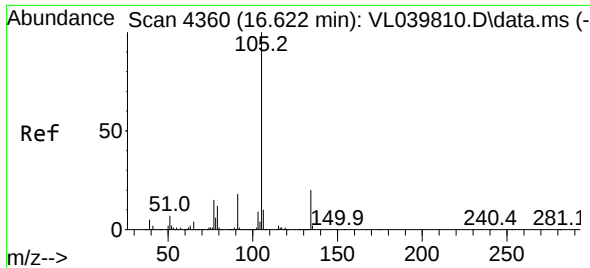
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#66
Benzyl Chloride
Concen: 0.806 ppbv m
RT: 16.310 min Scan# 4263
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

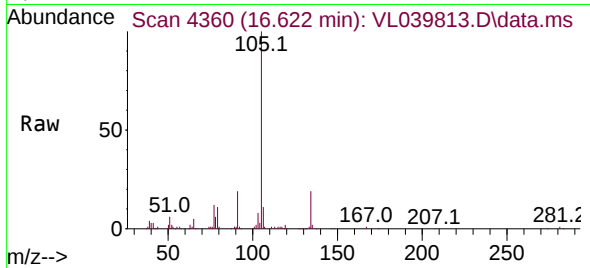
Tgt Ion: 91 Resp: 20208
Ion Ratio Lower Upper
91 100
126 0.0 15.6 23.4#
128 0.0 4.9 7.3#





#67
 sec-Butylbenzene
 Concen: 0.528 ppbv
 RT: 16.622 min Scan# 4360
 Delta R.T. 0.000 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39

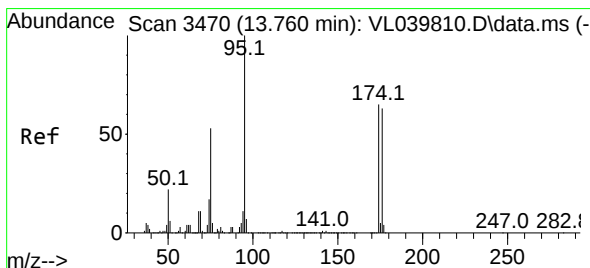
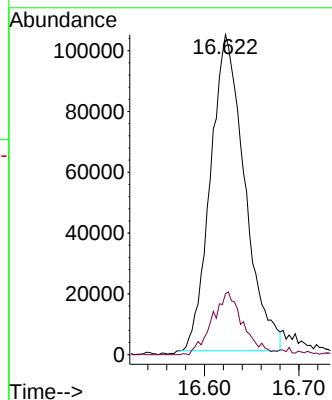
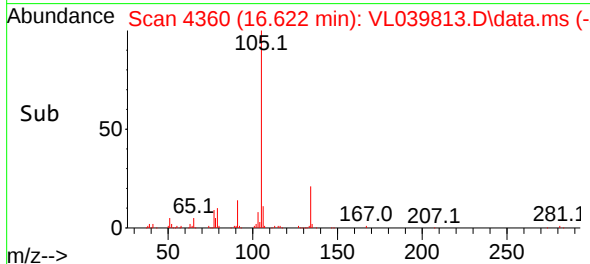
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



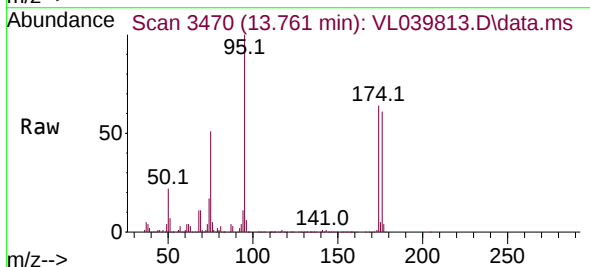
Tgt Ion:105 Resp: 262799
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.1 22.7

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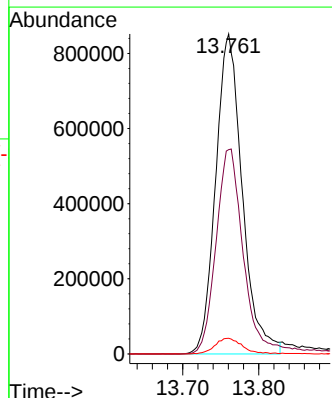
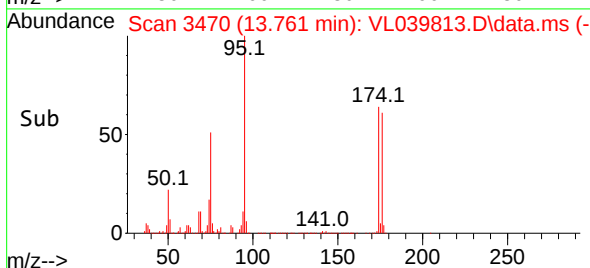
Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

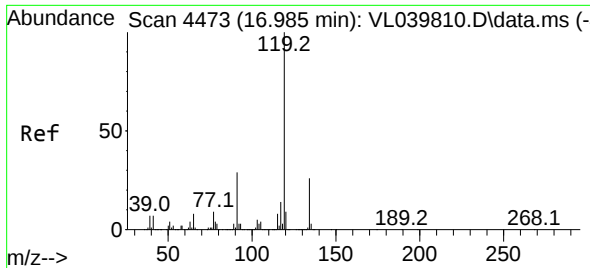


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.557 ppbv
 RT: 13.761 min Scan# 3470
 Delta R.T. 0.000 min
 Lab File: VL039813.D
 Acq: 2 Nov 2022 12:39



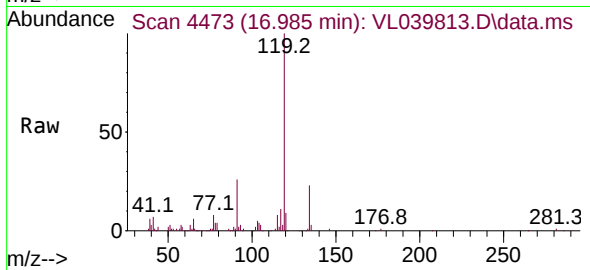
Tgt Ion: 95 Resp: 2067625
 Ion Ratio Lower Upper
 95 100
 174 68.5 53.4 80.0
 175 5.1 4.1 6.1





#69
p-Isopropyltoluene
Concen: 0.538 ppbv m
RT: 16.985 min Scan# 4473
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

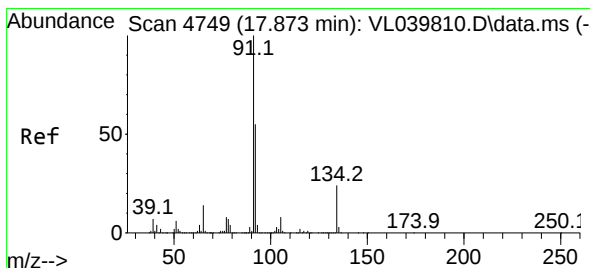
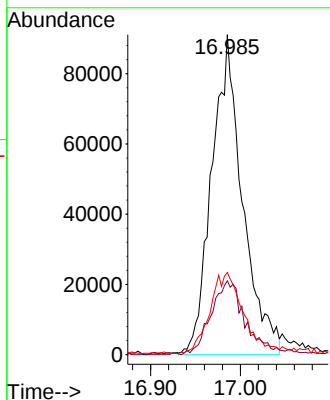
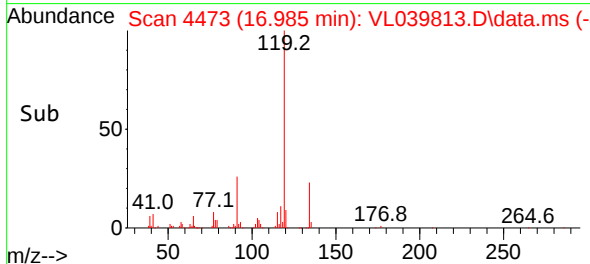
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



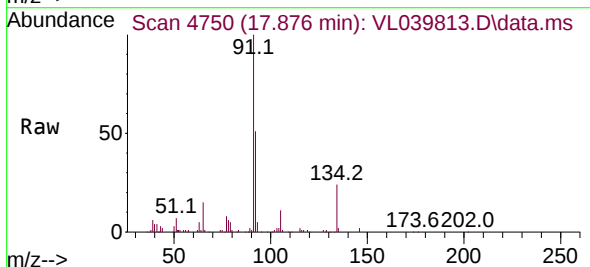
Tgt Ion: 119 Resp: 216668
Ion Ratio Lower Upper
119 100
134 0.0 21.0 31.6
91 0.0 22.8 34.2

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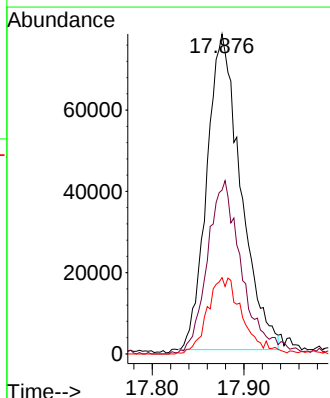
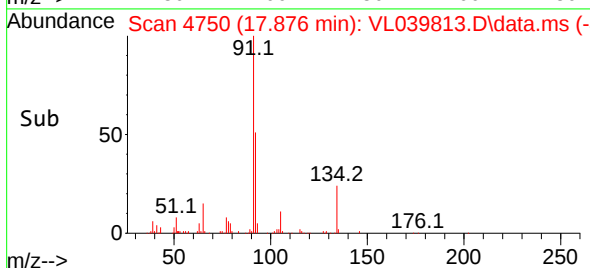
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

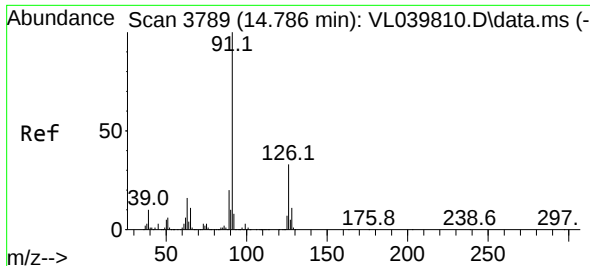


#70
n-Butylbenzene
Concen: 0.520 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. 0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39



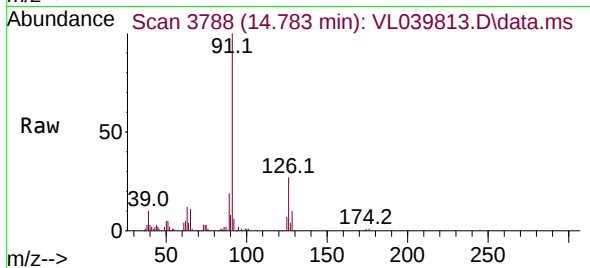
Tgt Ion: 91 Resp: 200407
Ion Ratio Lower Upper
91 100
92 56.4 44.1 66.1
134 25.1 19.0 28.6





#71
2-Chlorotoluene
Concen: 0.590 ppbv
RT: 14.783 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

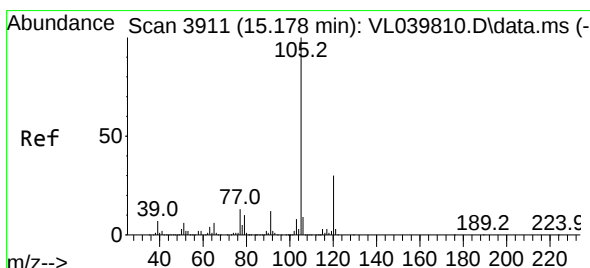
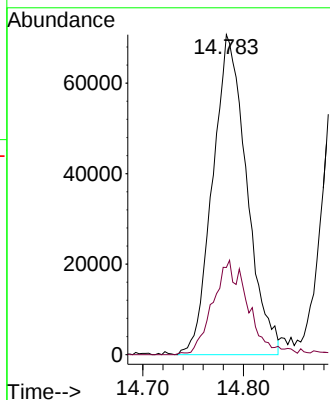
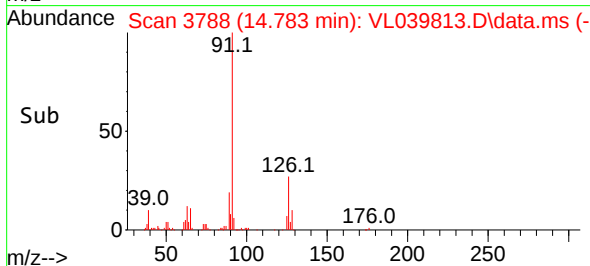
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



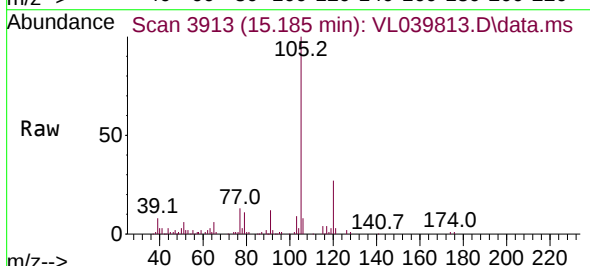
Tgt Ion: 91 Resp: 166206
Ion Ratio Lower Upper
91 100
126 31.4 12.9 51.5

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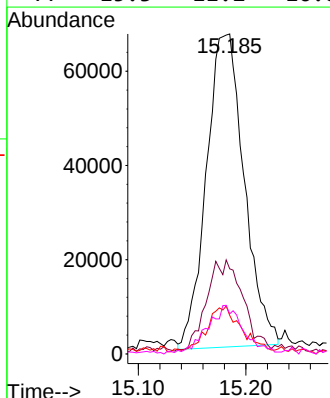
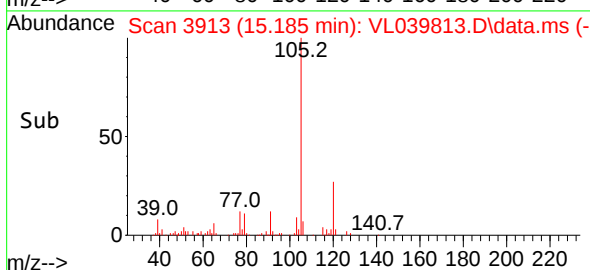
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

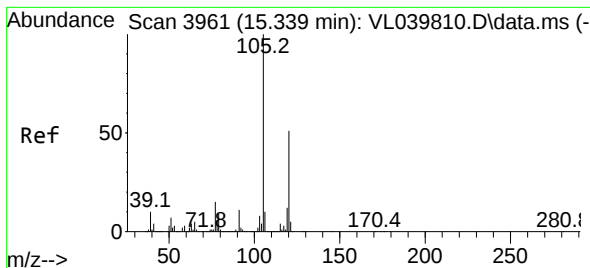


#72
4-Ethyltoluene
Concen: 0.531 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. 0.007 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39



Tgt Ion:105 Resp: 162307
Ion Ratio Lower Upper
105 100
120 31.4 26.0 39.0
91 13.9 10.5 15.7
77 15.3 11.2 16.8





#73

1,3,5-Trimethylbenzene

Concen: 0.535 ppbv

RT: 15.339 min Scan# 3961

Delta R.T. 0.000 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:105 Resp: 146436

Ion Ratio Lower Upper

105 100

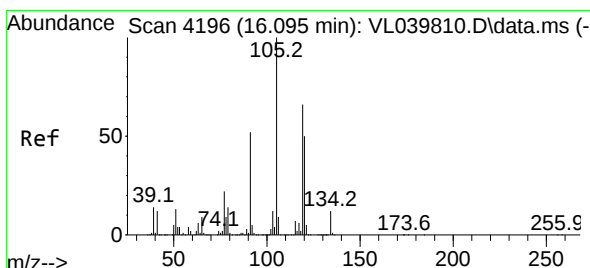
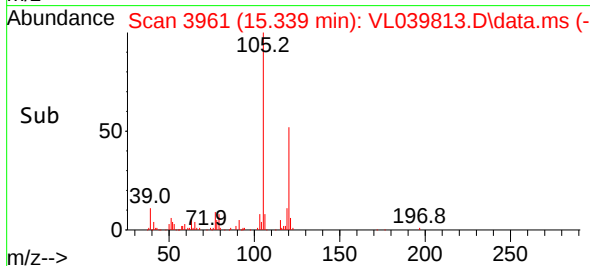
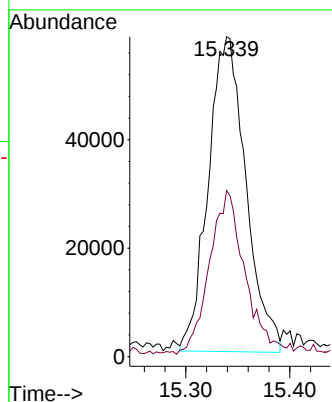
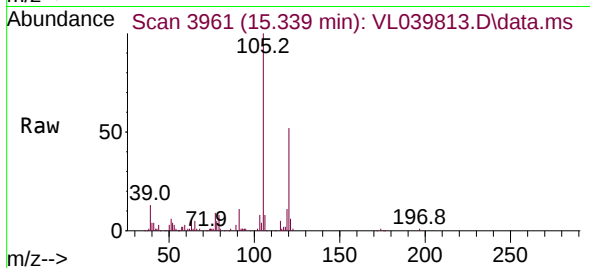
120 51.6 41.0 61.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022

Supervised By :Mahesh Dadoda 11/03/2022



#74

1,2,4-Trimethylbenzene

Concen: 0.503 ppbv

RT: 16.095 min Scan# 4196

Delta R.T. 0.000 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

Tgt Ion:105 Resp: 155871

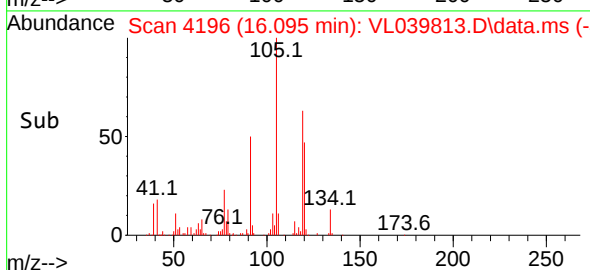
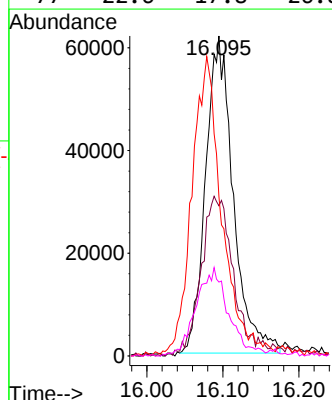
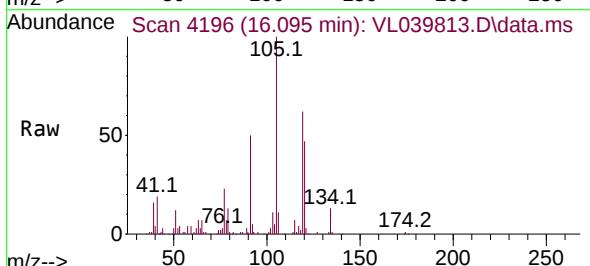
Ion Ratio Lower Upper

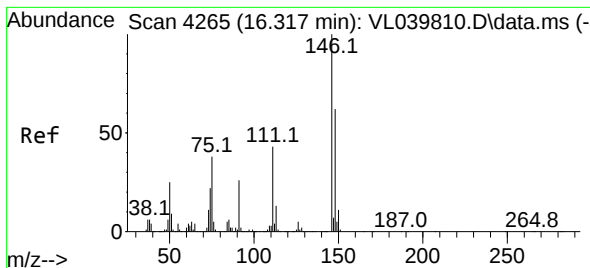
105 100

120 45.8 40.2 60.4

91 47.7 42.6 64.0

77 22.6 17.8 26.8





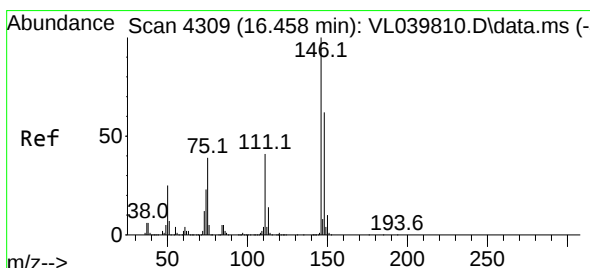
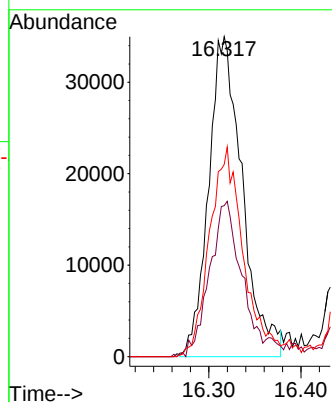
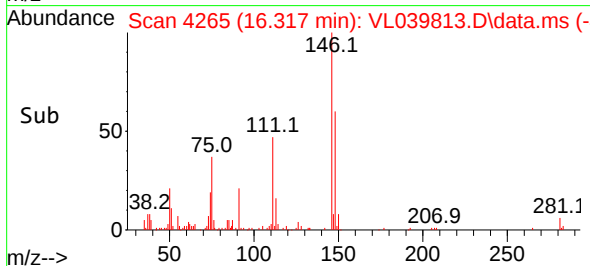
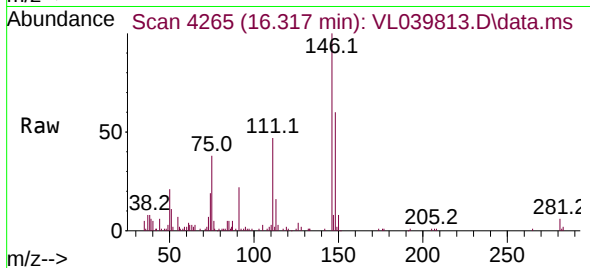
#75
1,3-Dichlorobenzene
Concen: 0.472 ppbv m
RT: 16.317 min Scan# 4265
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 88765
Ion Ratio Lower Upper
146 100
111 0.0 22.9 68.8
148 0.0 32.3 96.9

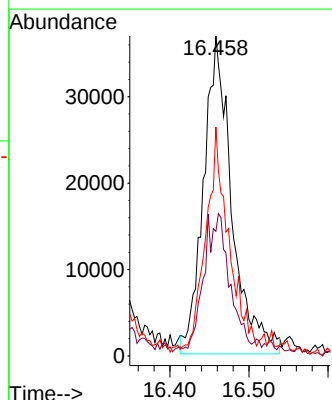
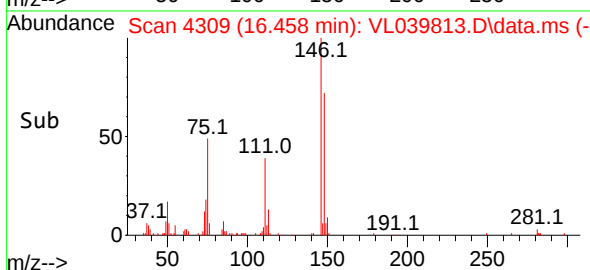
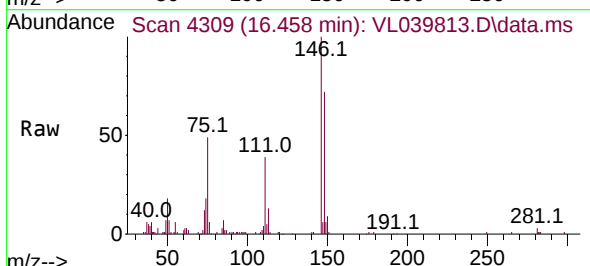
Manual Integrations
APPROVED

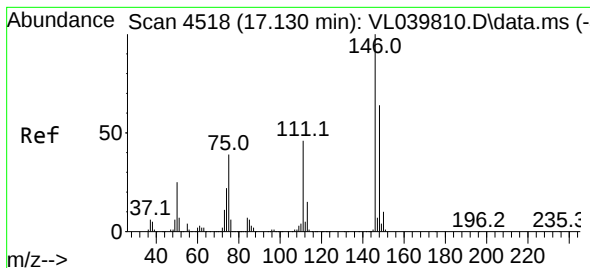
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#76
1,4-Dichlorobenzene
Concen: 0.512 ppbv m
RT: 16.458 min Scan# 4309
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion:146 Resp: 91823
Ion Ratio Lower Upper
146 100
111 46.3 22.7 68.1
148 64.6 33.1 99.3





#77

1,2-Dichlorobenzene

Concen: 0.470 ppbv

RT: 17.130 min Scan# 4518

Delta R.T. 0.000 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

Instrument :

MSVOA_L

ClientSampleId :

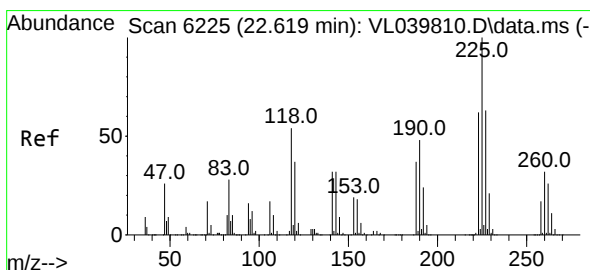
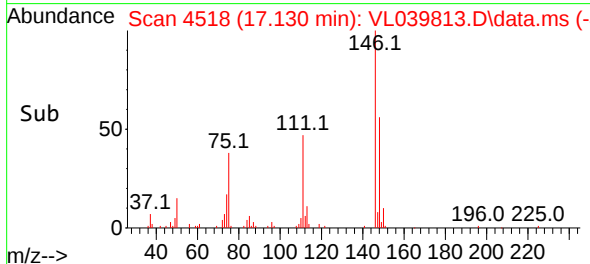
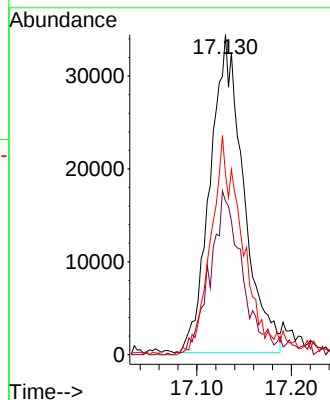
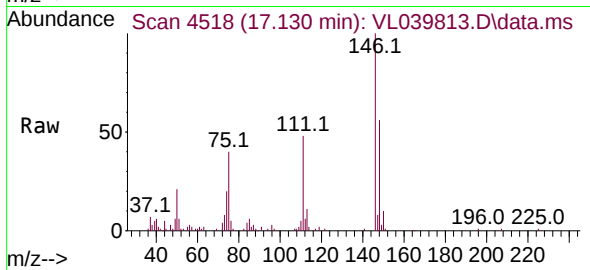
VSTDIC0.5

Tgt Ion:	146	Resp:	8434
Ion Ratio	Lower	Upper	
146	100		
111	52.1	23.9	71.8
148	68.4	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: 0.511 ppbv m

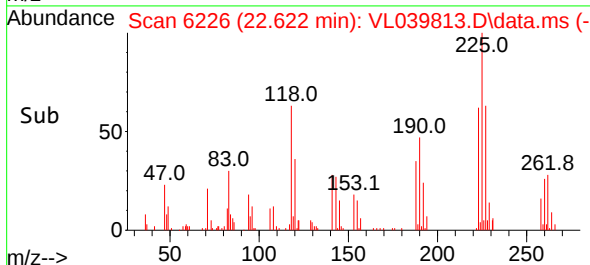
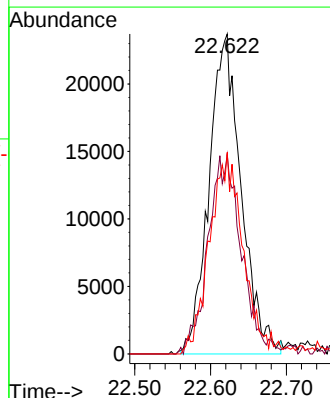
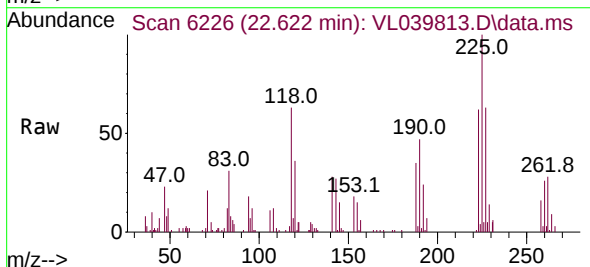
RT: 22.622 min Scan# 6226

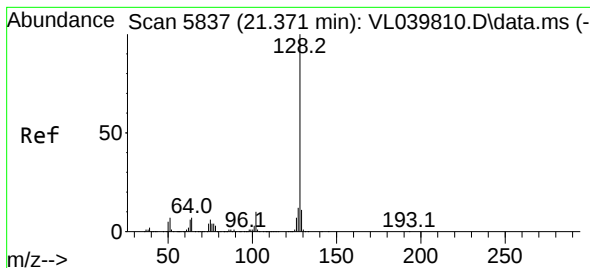
Delta R.T. 0.003 min

Lab File: VL039813.D

Acq: 2 Nov 2022 12:39

Tgt Ion:	225	Resp:	69804
Ion Ratio	Lower	Upper	
225	100		
223	64.2	50.6	75.8
227	65.8	51.6	77.4





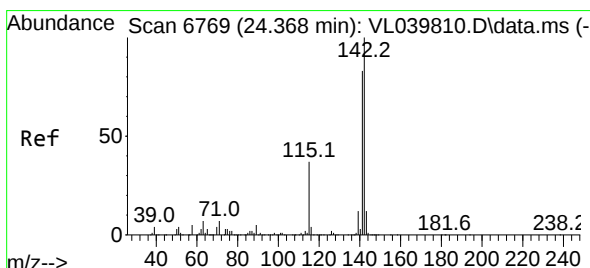
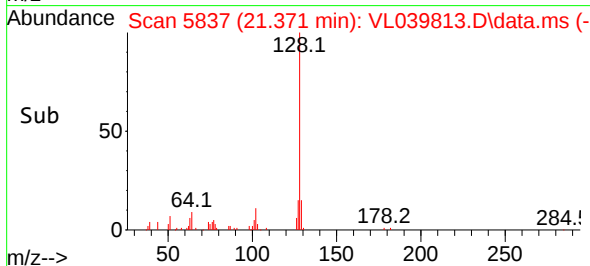
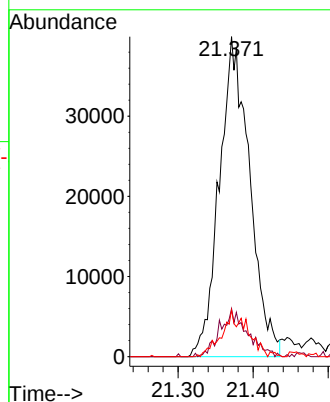
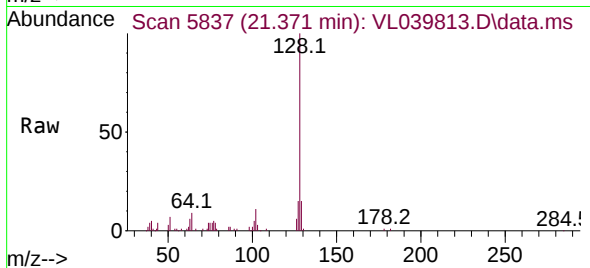
#79
Naphthalene
Concen: 0.591 ppbv m
RT: 21.371 min Scan# 5837
Delta R.T. 0.000 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:128 Resp: 112012
Ion Ratio Lower Upper
128 100
127 15.0 9.8 14.6
129 14.6 8.6 13.0

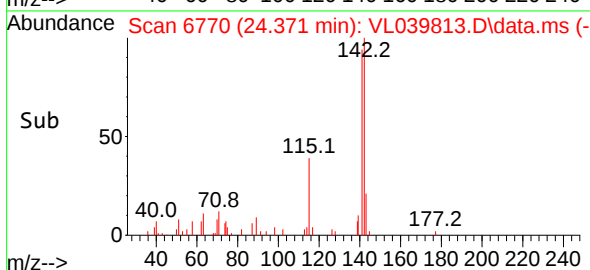
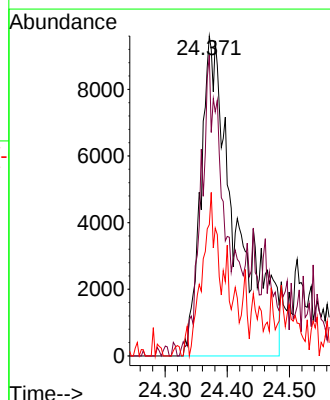
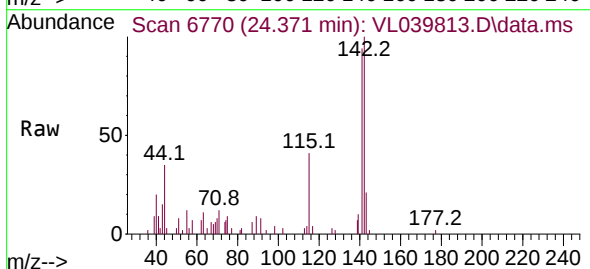
Manual Integrations
APPROVED

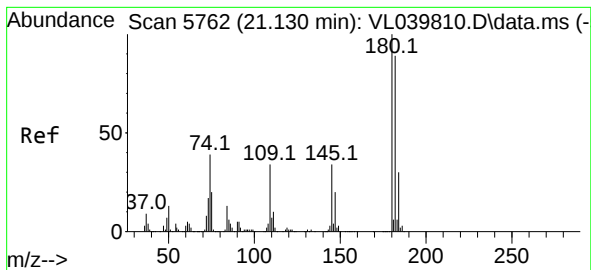
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#80
Naphthalene,2-methyl-
Concen: 0.588 ppbv m
RT: 24.371 min Scan# 6770
Delta R.T. 0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Tgt Ion:142 Resp: 37866
Ion Ratio Lower Upper
142 100
141 73.7 65.1 97.7
115 31.6 29.1 43.7





#81
1,2,4-Trichlorobenzene
Concen: 0.522 ppbv m
RT: 21.133 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL039813.D
Acq: 2 Nov 2022 12:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:180 Resp: 65428
Ion Ratio Lower Upper
180 100
182 91.6 78.1 117.1
184 30.0 24.5 36.7

Manual Integrations
APPROVED

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

