

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040355.D
 Acq On : 13 Apr 2023 10:45
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Quant Time: Apr 13 11:19:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Tue Apr 11 04:15:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/14/2023
 Supervised By : Mahesh Dadoda 04/14/2023

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

Internal Standards						
1) Bromochloromethane	5.189	49	1087387	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2780148	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2662947	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2126856	9.537	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.716	85	390441	1.830	ppbv	98
3) Chlorodifluoromethane	2.661	51	304742	2.229	ppbv	98
4) Chloromethane	2.803	50	201209	2.383	ppbv	98
5) Vinyl Chloride	2.912	62	165217	2.417	ppbv	95
6) Bromomethane	3.112	94	50650	2.136	ppbv	99
7) Chloroethane	3.189	64	58615	2.233	ppbv	98
8) Dichlorotetrafluoroethane	2.845	85	405045	2.218	ppbv	98
9) Propene	2.681	41	124148	2.370	ppbv	97
10) Heptane	7.578	43	287536	2.282	ppbv	100
11) Trichlorofluoromethane	3.555	101	430745	2.228	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.060	101	296671	2.044	ppbv	96
13) Ethanol	3.247	45	11553m	3.007	ppbv	
14) Bromoethene	3.356	108	123321	2.277	ppbv	96
15) Acetone	3.462	43	340274	2.570	ppbv	97
16) 1,3-Butadiene	2.973	39	142504	2.368	ppbv	100
17) tert-Butyl alcohol	3.874	59	310870	2.471	ppbv	99
18) 1,1-Dichloroethene	3.874	96	132327	2.125	ppbv	98
19) Isopropyl Alcohol	3.571	45	161887	2.553	ppbv #	97
20) Methylene Chloride	3.925	84	133108	2.390	ppbv	96
21) Allyl Chloride	3.986	41	189648	2.212	ppbv	99
22) trans-1,2-Dichloroethene	4.439	96	132074	2.084	ppbv	98
23) Vinyl Acetate	4.623	43	78850	2.141	ppbv #	89
24) 1,1-Dichloroethane	4.558	63	284761	2.168	ppbv	97
25) Ethyl Acetate	5.205	43	578425	2.334	ppbv	99
26) Hexane	5.208	57	244870	2.407	ppbv	98
27) Carbon Disulfide	4.118	76	302269	2.127	ppbv	100
28) Methyl tert-Butyl Ether	4.584	73	247918	2.122	ppbv	99
29) Chloroform	5.269	83	428221	2.384	ppbv	97
30) Cyclohexane	6.600	84	186938	2.332	ppbv	94
31) cis-1,2-Dichloroethene	5.079	61	235891	2.381	ppbv	95
32) 1,1,1-Trichloroethane	6.002	97	409809	2.381	ppbv	99
34) 2-Butanone	4.787	43	325796	2.374	ppbv	98
35) Carbon Tetrachloride	6.494	117	414146	2.374	ppbv	96
36) Benzene	6.369	78	493848	2.331	ppbv	98
37) 1,2-Dichloroethane	5.803	62	310405	2.251	ppbv	99
38) Trichloroethene	7.295	130	293013	2.531	ppbv	98
39) 1,2-Dichloropropane	7.076	63	190350	2.290	ppbv	93
40) 1,4-Dioxane	7.304	88	69924	2.126	ppbv	66
41) Tetrahydrofuran	5.562	42	175973	2.222	ppbv	96
42) Bromodichloromethane	7.250	83	436827	2.318	ppbv	95
43) Methyl Methacrylate	7.478	69	182214	2.314	ppbv	99
44) 2,2,4-Trimethylpentane	7.324	57	838369	2.373	ppbv	98
45) t-1,3-Dichloropropene	8.716	75	151111	2.202	ppbv	98

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 VSTDICC002

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/14/2023
 Supervised By : Mahesh Dadoda 04/14/2023

Quant Time: Apr 13 11:19:31 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Tue Apr 11 04:15:53 2023

Response via : Initial Calibration

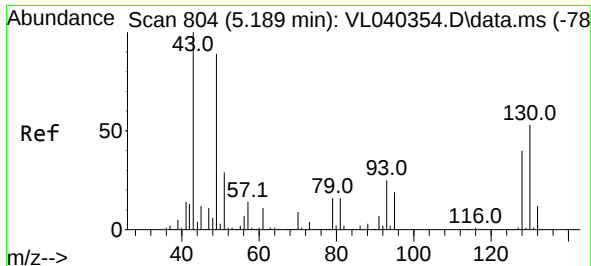
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	215869	2.215	ppbv	97
47) 1,1,2-Trichloroethane	8.902	97	210541	2.374	ppbv	95
48) Dibromochloromethane	9.716	129	334708	2.293	ppbv	99
49) Bromoform	12.410	173	263003	2.399	ppbv	99
50) 4-Methyl-2-Pentanone	8.192	43	509576	2.400	ppbv	96
51) 2-Hexanone	9.561	43	372240	2.263	ppbv #	97
52) Tetrachloroethene	10.622	164	161098	2.513	ppbv	98
53) Toluene	9.224	91	526518	2.371	ppbv	98
54) 1,2-Dibromoethane	10.015	107	218591	2.394	ppbv	93
56) 1,1,1,2-Tetrachloroethane	11.516	131	257810	2.301	ppbv #	1
57) Chlorobenzene	11.532	112	437555	2.310	ppbv	98
58) Ethyl Benzene	12.095	91	730624	2.410	ppbv	99
59) m/p-Xylene	12.381	91	1340646m	4.826	ppbv	
60) o-Xylene	13.066	91	636519	2.397	ppbv	99
61) Styrene	12.905	104	318253	2.362	ppbv	99
62) Isopropylbenzene	14.037	105	922467	2.439	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.053	83	221274	2.368	ppbv	97
64) n-propylbenzene	14.921	120	225105	2.433	ppbv	90
65) tert-Butylbenzene	16.098	119	833595	2.558	ppbv	98
66) Benzyl Chloride	16.336	91	42502m	2.007	ppbv	
67) sec-Butylbenzene	16.645	105	1198417	2.572	ppbv	98
69) p-Isopropyltoluene	17.005	119	945818	2.606	ppbv	98
70) n-Butylbenzene	17.896	91	1074288	2.687	ppbv	97
71) 2-Chlorotoluene	14.809	91	711070	2.471	ppbv	98
72) 4-Ethyltoluene	15.198	105	720822	2.483	ppbv	99
73) 1,3,5-Trimethylbenzene	15.359	105	667005	2.536	ppbv	99
74) 1,2,4-Trimethylbenzene	16.121	105	765423m	2.552	ppbv	
75) 1,3-Dichlorobenzene	16.343	146	403300	2.483	ppbv	97
76) 1,4-Dichlorobenzene	16.481	146	400316	2.584	ppbv	98
77) 1,2-Dichlorobenzene	17.153	146	407077	2.607	ppbv	99
78) Hexachloro-1,3-Butadiene	22.645	225	316609	2.765	ppbv	98
79) Naphthalene	21.394	128	585397	3.300	ppbv	97
80) Naphthalene,2-methyl-	24.387	142	149742	3.333	ppbv	96
81) 1,2,4-Trichlorobenzene	21.156	180	317433m	2.905	ppbv	

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

Manual Integrations

Quant Time: Apr 13 11:19:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Apr 11 04:15:53 2023
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.189 min Scan# 804

Delta R.T. -0.000 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 49 Resp: 108738

Ion Ratio Lower Upper

49 100

128 49.1 22.4 67.3

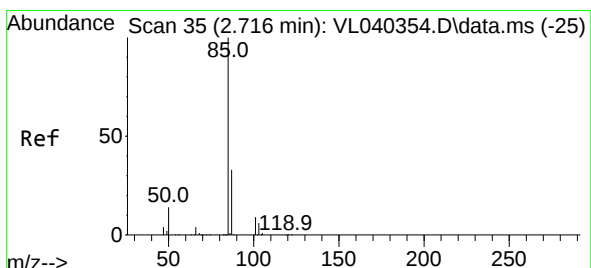
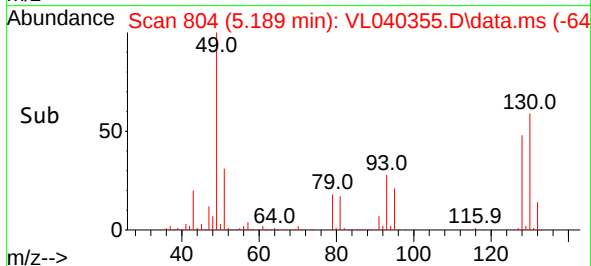
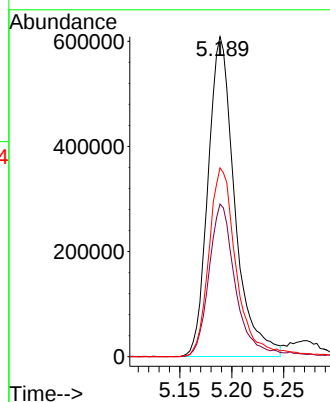
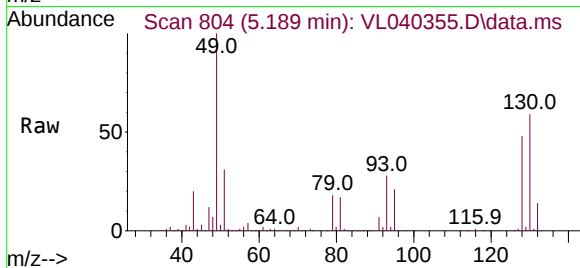
130 62.4 28.7 86.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#2

Dichlorodifluoromethane

Concen: 1.830 ppbv

RT: 2.716 min Scan# 35

Delta R.T. -0.003 min

Lab File: VL040355.D

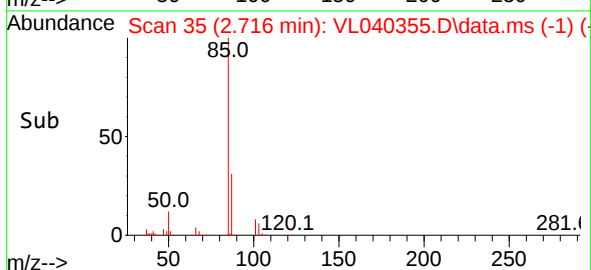
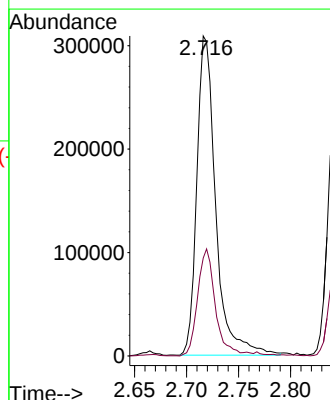
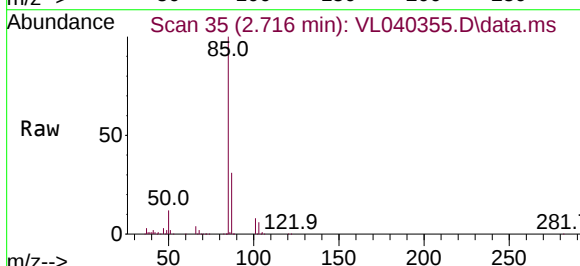
Acq: 13 Apr 2023 10:45

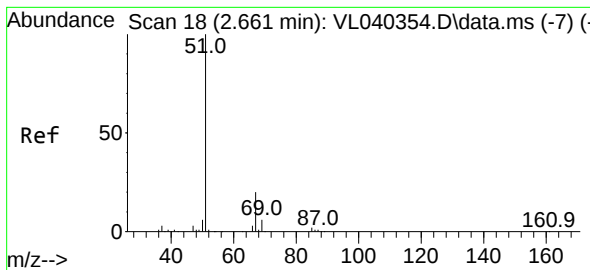
Tgt Ion: 85 Resp: 390441

Ion Ratio Lower Upper

85 100

87 30.7 25.5 38.3





#3

Chlorodifluoromethane

Concen: 2.229 ppbv

RT: 2.661 min Scan# 18

Delta R.T. -0.004 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 51 Resp: 30474

Ion Ratio Lower Upper

51 100

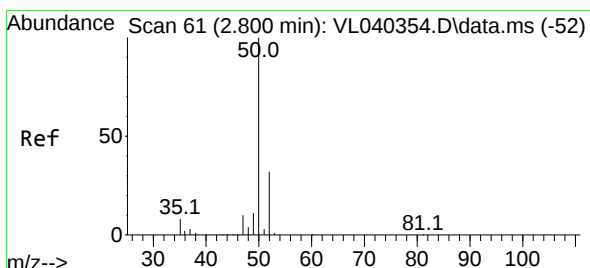
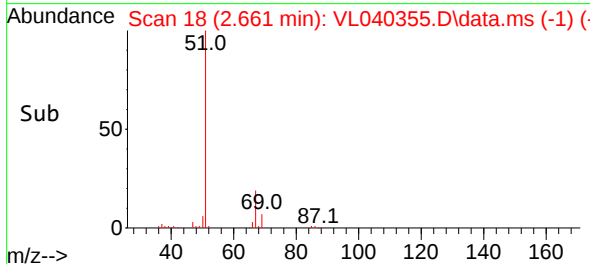
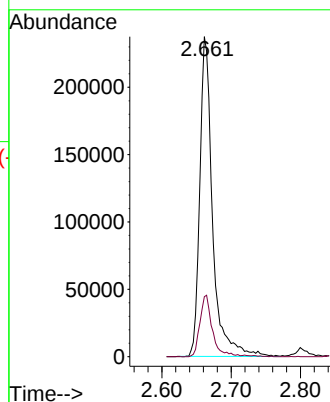
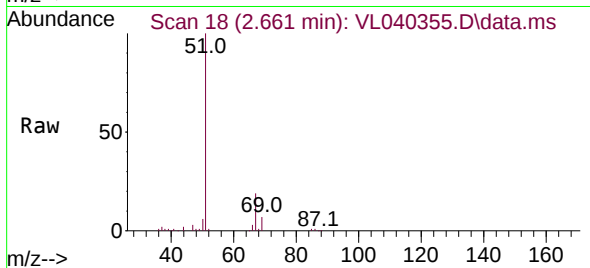
67 19.1 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#4

Chloromethane

Concen: 2.383 ppbv

RT: 2.803 min Scan# 62

Delta R.T. -0.000 min

Lab File: VL040355.D

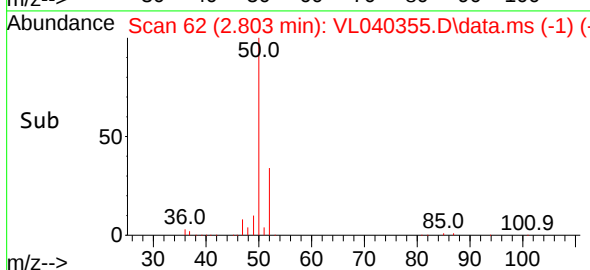
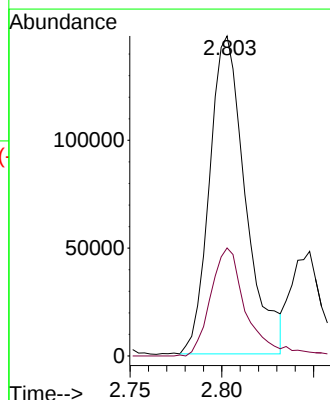
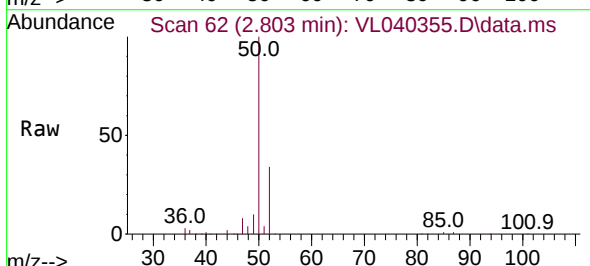
Acq: 13 Apr 2023 10:45

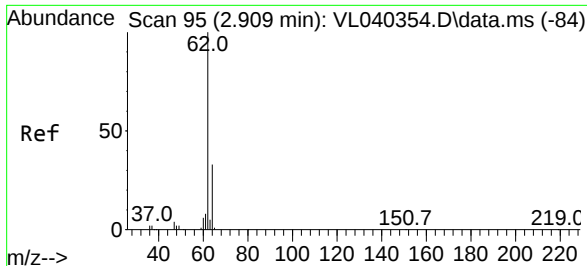
Tgt Ion: 50 Resp: 201209

Ion Ratio Lower Upper

50 100

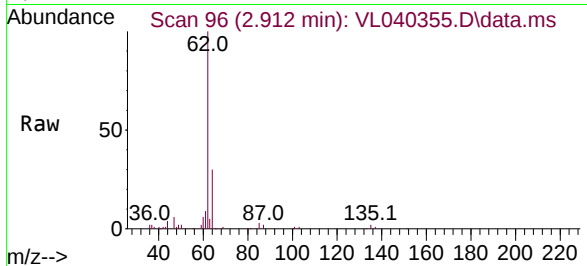
52 33.7 25.9 38.9





#5
 Vinyl Chloride
 Concen: 2.417 ppbv
 RT: 2.912 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

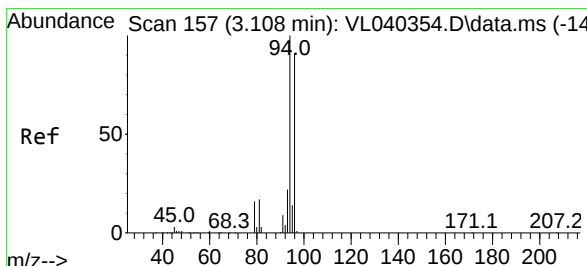
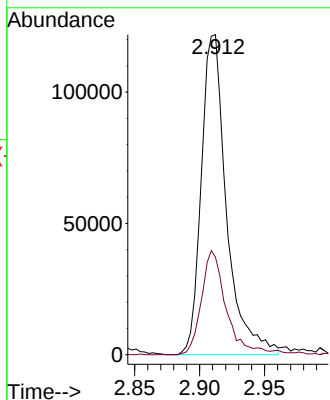
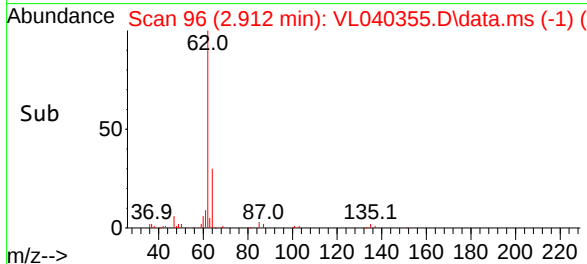
Instrument :
 MSVOA_L
 Client Sample Id :
 VSTDIC002



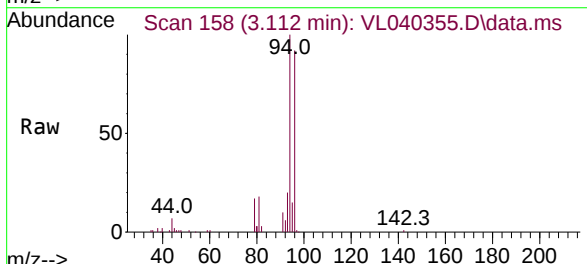
Tgt Ion: 62 Resp: 16521
 Ion Ratio Lower Upper
 62 100
 64 30.4 26.4 39.6

Manual Integrations
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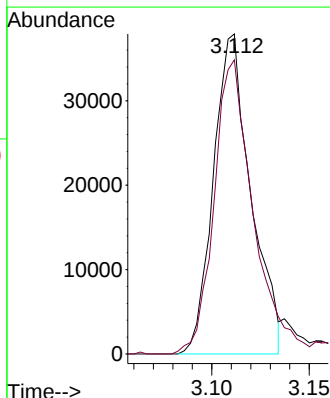
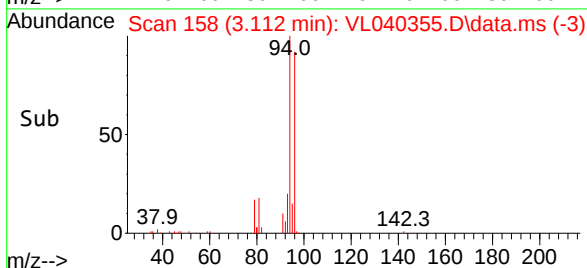
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

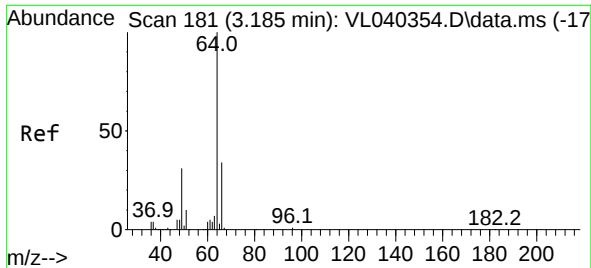


#6
 Bromomethane
 Concen: 2.136 ppbv
 RT: 3.112 min Scan# 158
 Delta R.T. -0.000 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45



Tgt Ion: 94 Resp: 50650
 Ion Ratio Lower Upper
 94 100
 96 91.0 73.7 110.5





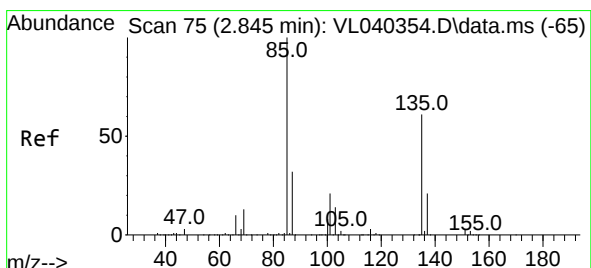
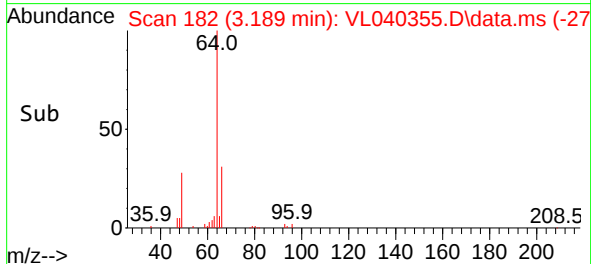
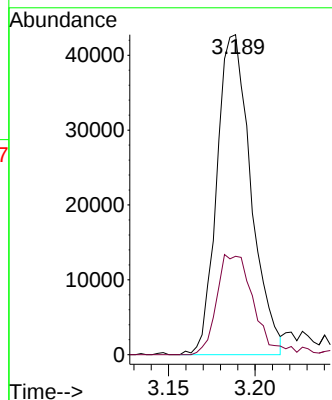
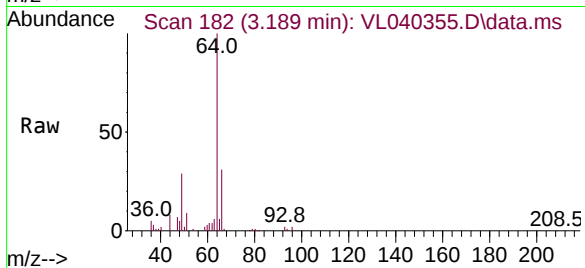
#7
Chloroethane
Concen: 2.233 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 5861
Ion Ratio Lower Upper
64 100
66 30.7 25.5 38.3

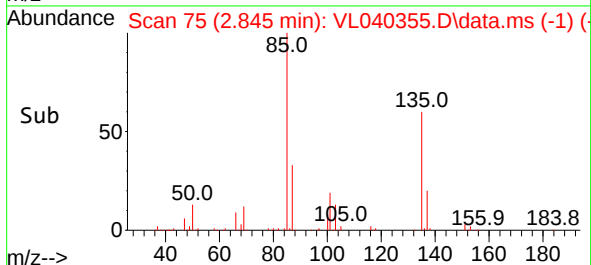
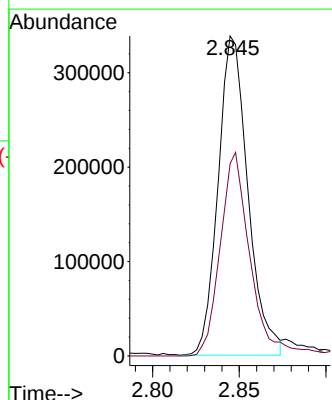
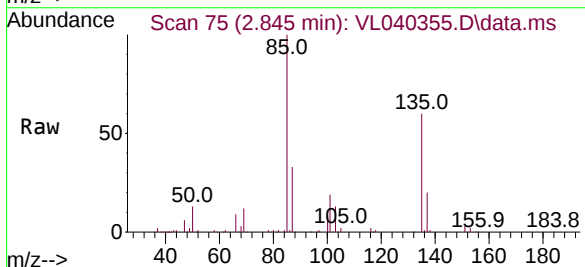
Manual Integrations
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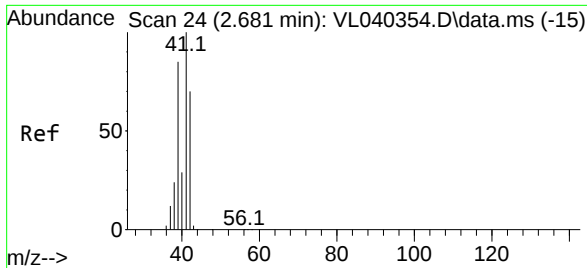
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#8
Dichlorotetrafluoroethane
Concen: 2.218 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

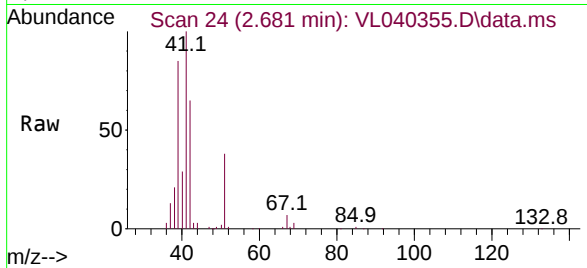
Tgt Ion: 85 Resp: 405045
Ion Ratio Lower Upper
85 100
135 66.2 52.0 78.0





#9
 Propene
 Concen: 2.370 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

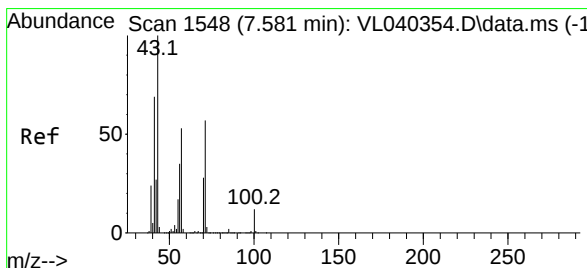
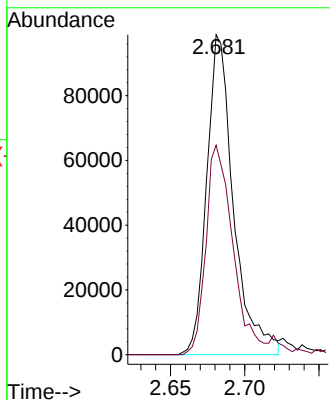
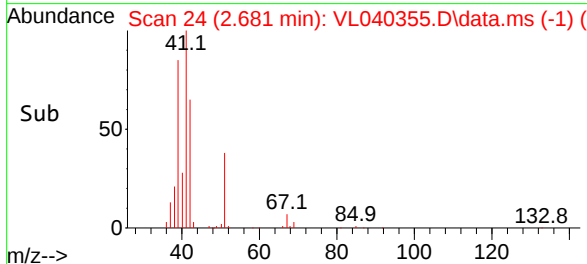
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



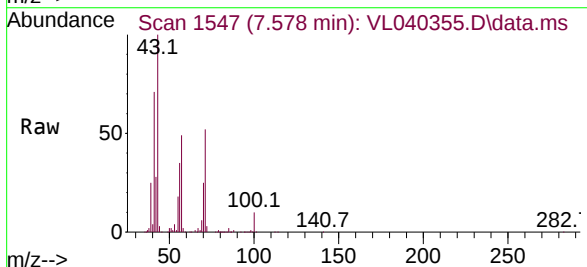
Tgt Ion: 41 Resp: 124148
 Ion Ratio Lower Upper
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 42 70.9 59.0 88.4

Manual Integrations
 APPROVED

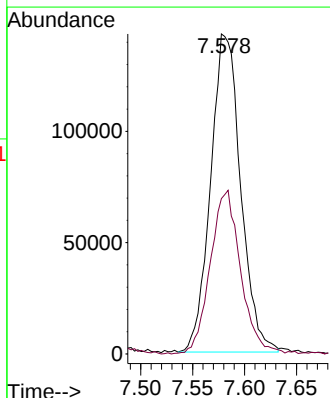
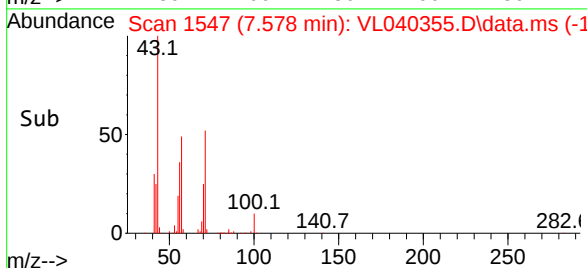
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

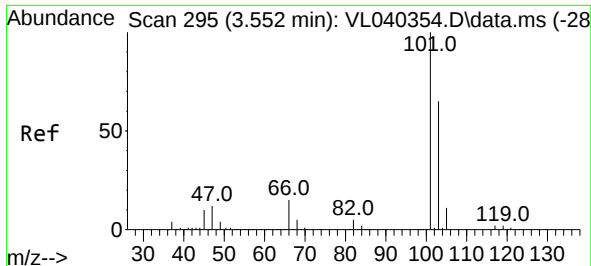


#10
 Heptane
 Concen: 2.282 ppbv
 RT: 7.578 min Scan# 1547
 Delta R.T. -0.003 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45



Tgt Ion: 43 Resp: 287536
 Ion Ratio Lower Upper
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 57 52.0 41.7 62.5





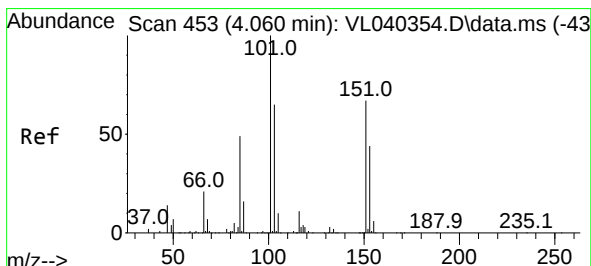
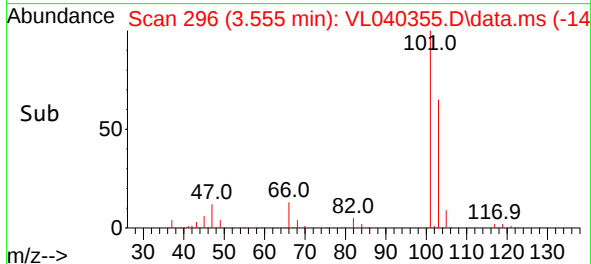
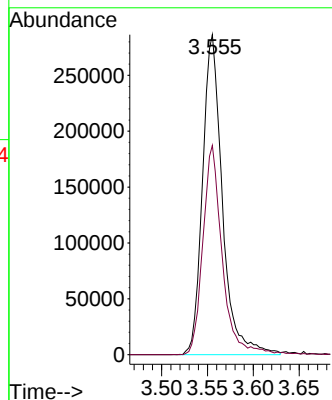
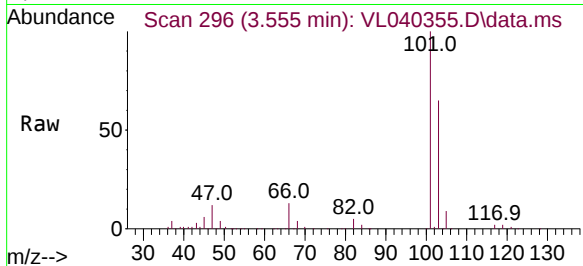
#11
 Trichlorofluoromethane
 Concen: 2.228 ppbv
 RT: 3.555 min Scan# 295
 Delta R.T. 0.000 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion:101 Resp: 430745
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.1 79.7

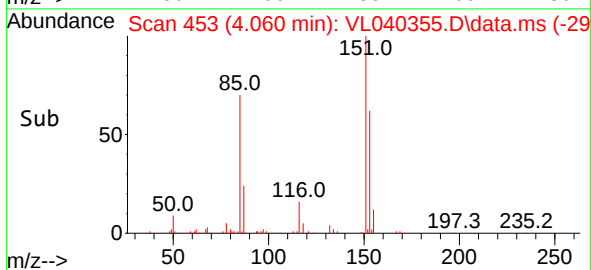
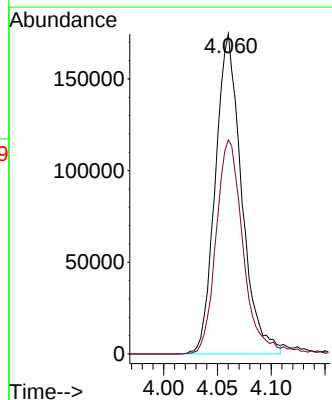
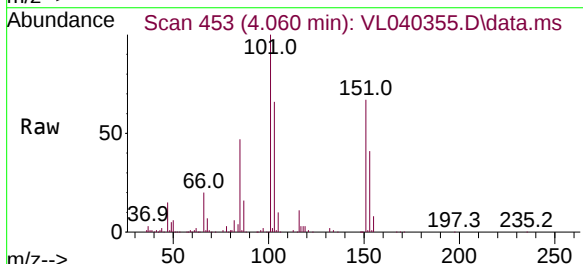
Manual Integrations
 APPROVED

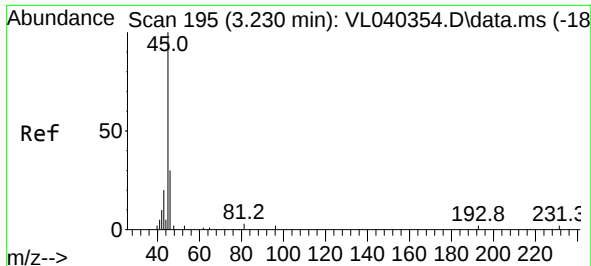
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.044 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. 0.000 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

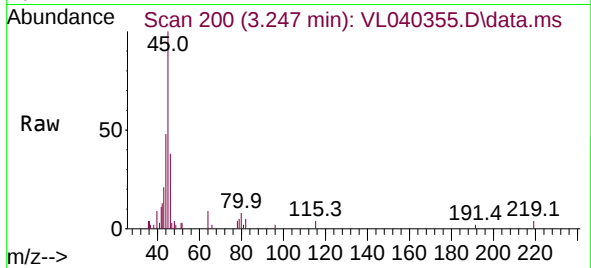
Tgt Ion:101 Resp: 296671
 Ion Ratio Lower Upper
 101 100
 151 69.8 53.2 79.8





#13
Ethanol
Concen: 3.007 ppbv m
RT: 3.247 min Scan# 200
Delta R.T. 0.010 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

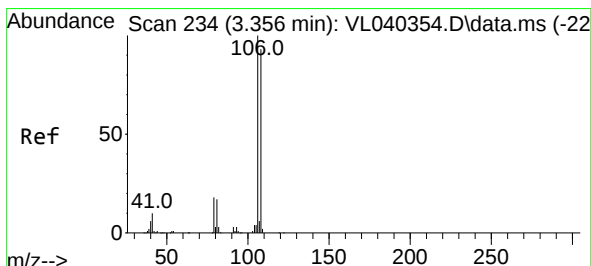
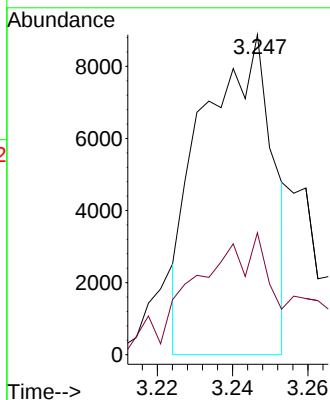
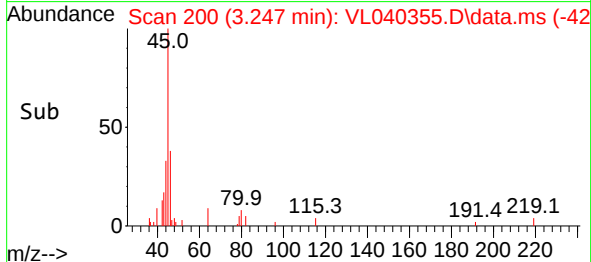
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 45 Resp: 1155
Ion Ratio Lower Upper
45 100
46 63.4 15.0 60.2

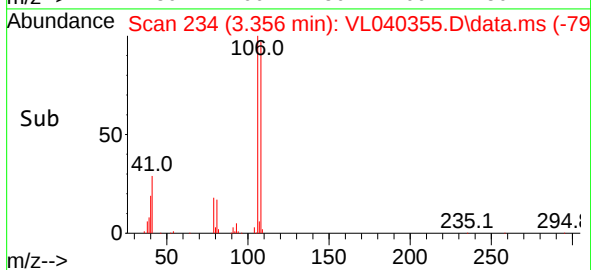
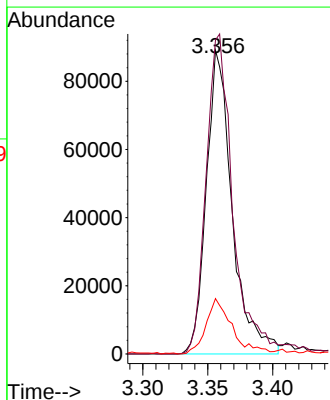
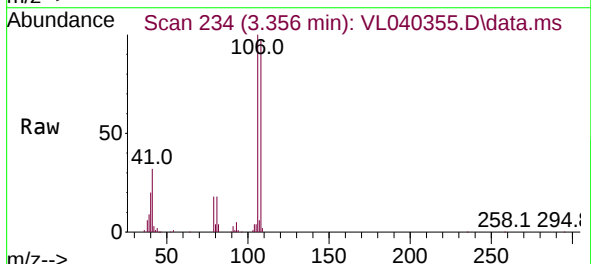
Manual Integrations
APPROVED

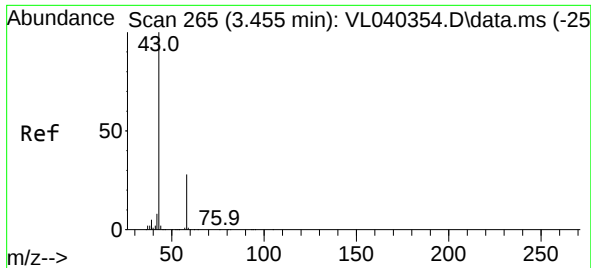
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#14
Bromoethene
Concen: 2.277 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

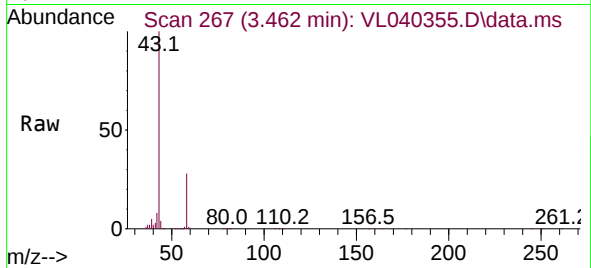
Tgt Ion:108 Resp: 123321
Ion Ratio Lower Upper
108 100
106 112.6 85.8 128.8
79 20.0 15.8 23.6





#15
Acetone
Concen: 2.570 ppbv
RT: 3.462 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

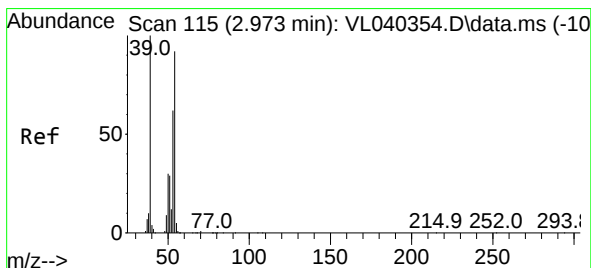
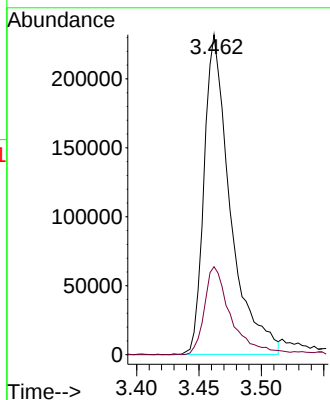
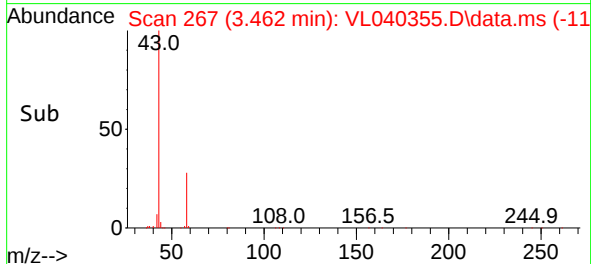
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



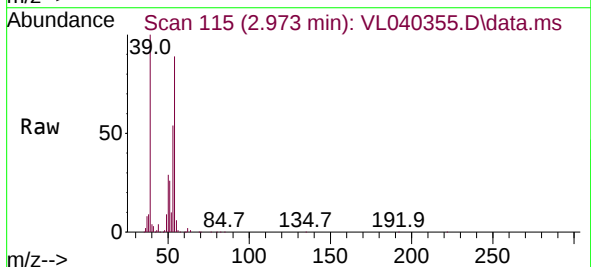
Tgt Ion: 43 Resp: 340274
Ion Ratio Lower Upper
43 100
58 28.9 21.8 32.8

Manual Integrations
APPROVED

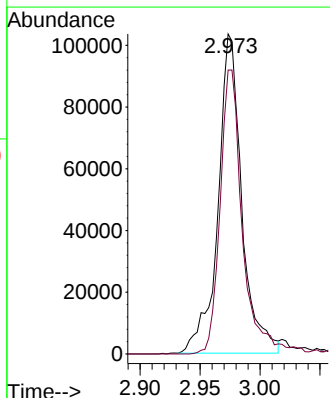
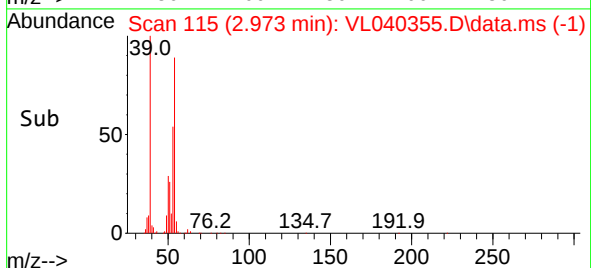
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

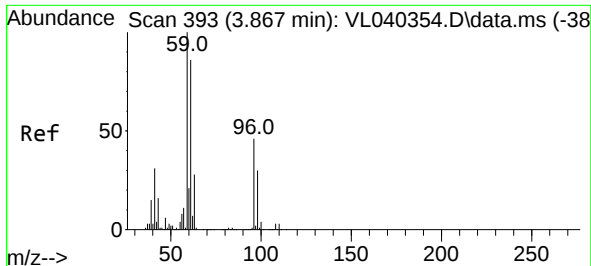


#16
1,3-Butadiene
Concen: 2.368 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45



Tgt Ion: 39 Resp: 142504
Ion Ratio Lower Upper
39 100
54 85.4 68.4 102.6





#17

tert-Butyl alcohol

Concen: 2.471 ppbv

RT: 3.874 min Scan# 395

Delta R.T. 0.004 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 59 Resp: 310870

Ion Ratio Lower Upper

59 100

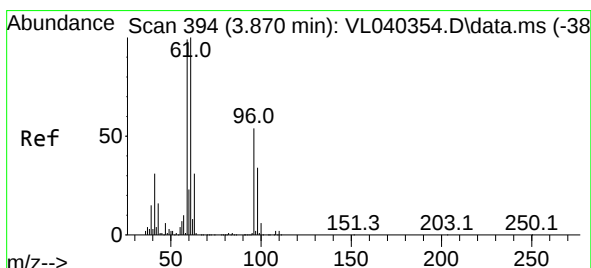
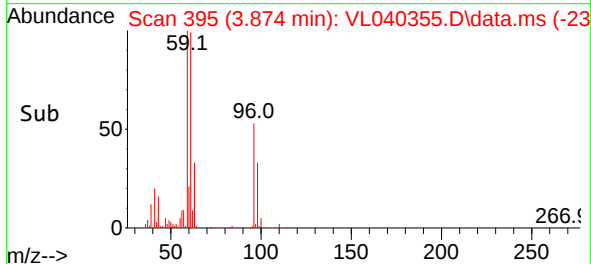
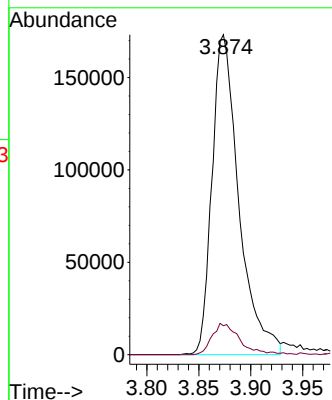
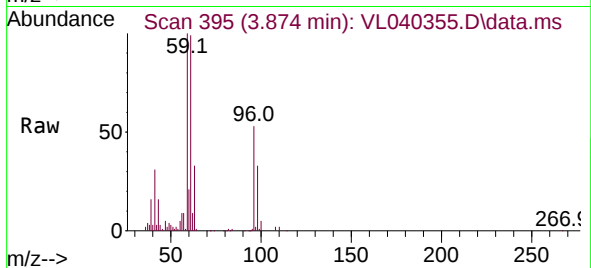
57 10.4 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#18

1,1-Dichloroethene

Concen: 2.125 ppbv

RT: 3.874 min Scan# 395

Delta R.T. -0.003 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

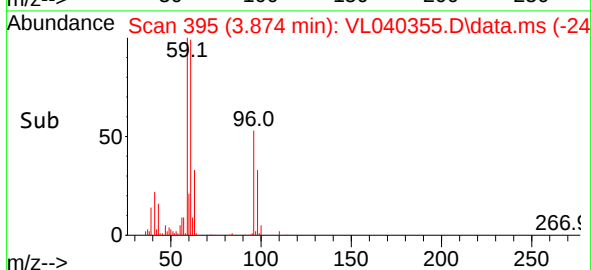
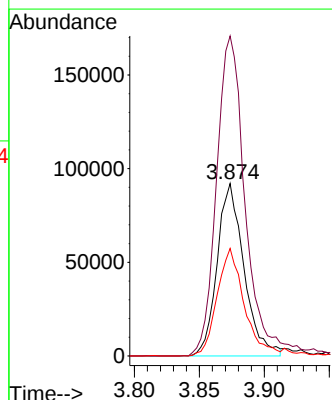
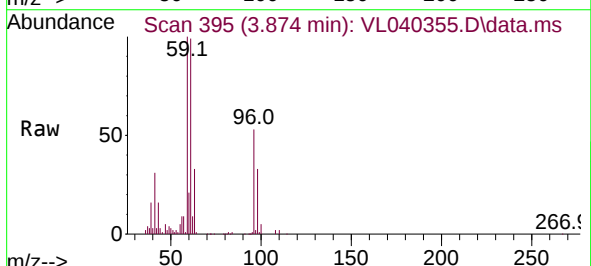
Tgt Ion: 96 Resp: 132327

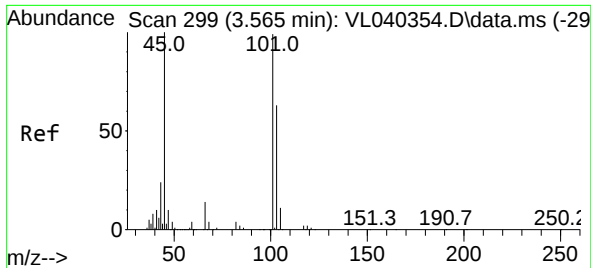
Ion Ratio Lower Upper

96 100

61 185.6 150.6 226.0

98 62.3 50.3 75.5





#19

Isopropyl Alcohol

Concen: 2.553 ppbv

RT: 3.571 min Scan# 301

Delta R.T. 0.006 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 45 Resp: 16188

Ion Ratio Lower Upper

45 100

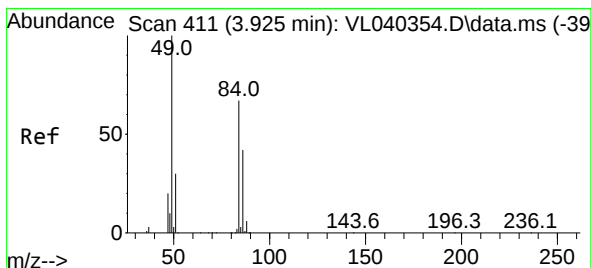
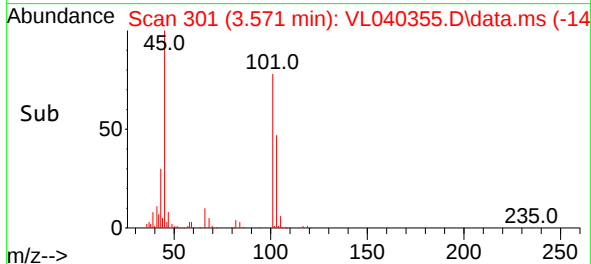
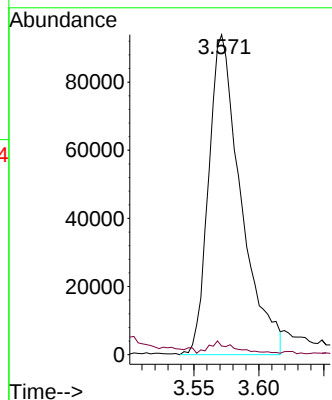
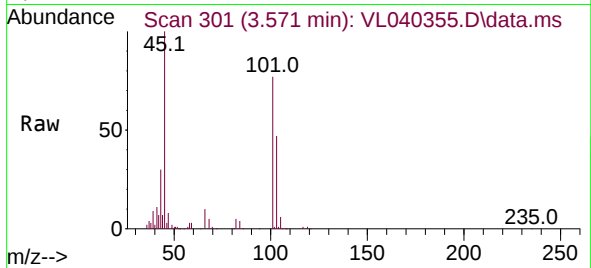
58 4.5 2.7 4.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#20

Methylene Chloride

Concen: 2.390 ppbv

RT: 3.925 min Scan# 411

Delta R.T. -0.003 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Tgt Ion: 84 Resp: 133108

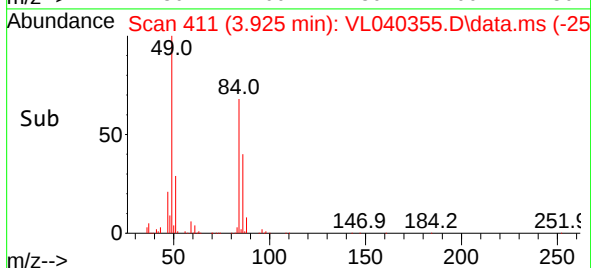
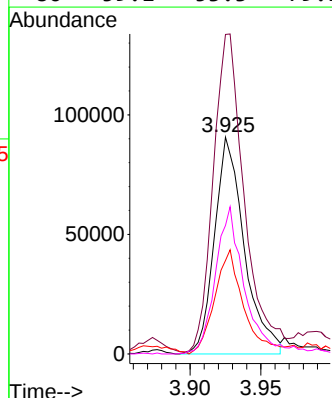
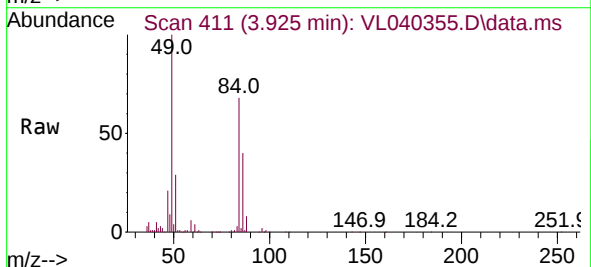
Ion Ratio Lower Upper

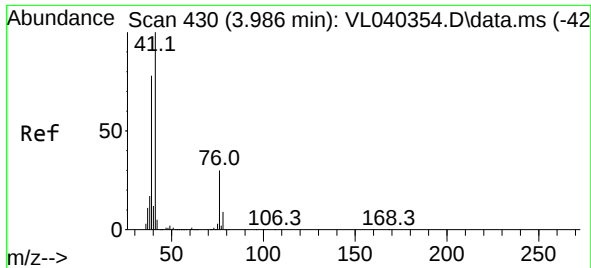
84 100

49 146.4 117.5 176.3

51 42.0 36.9 55.3

86 59.1 53.3 79.9





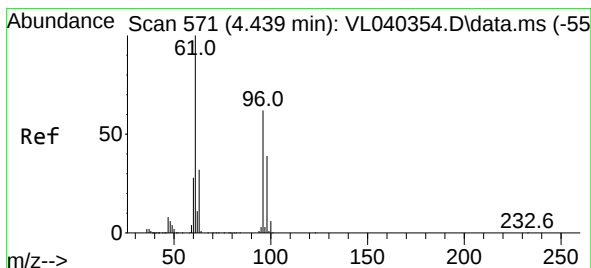
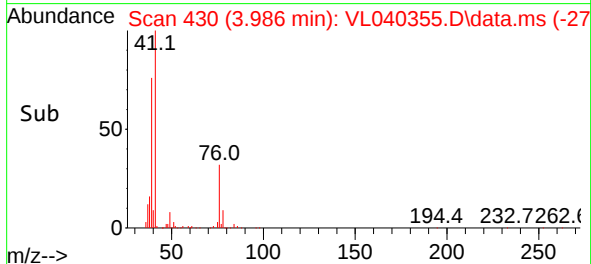
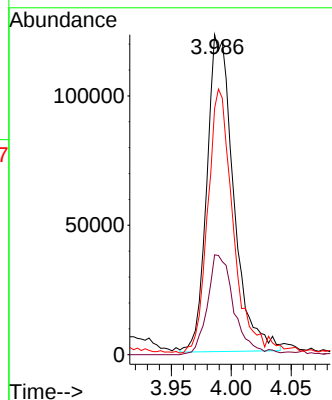
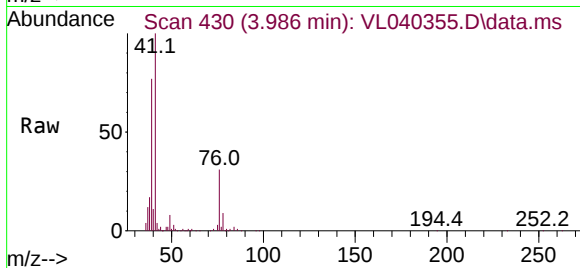
#21
 Allyl Chloride
 Concen: 2.212 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 41 Resp: 189648
 Ion Ratio Lower Upper
 41 100
 76 32.3 25.4 38.0
 39 81.2 65.4 98.2

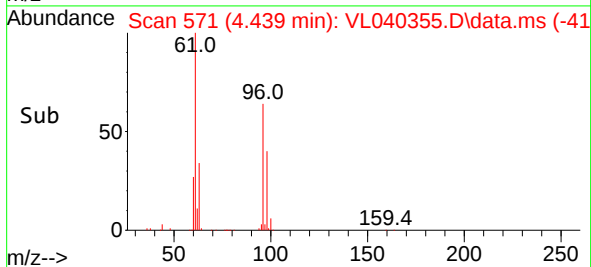
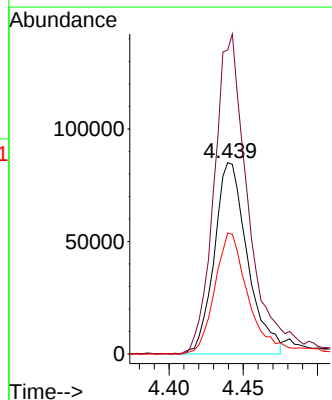
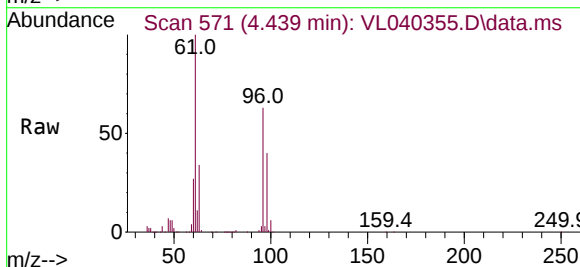
Manual Integrations
 APPROVED

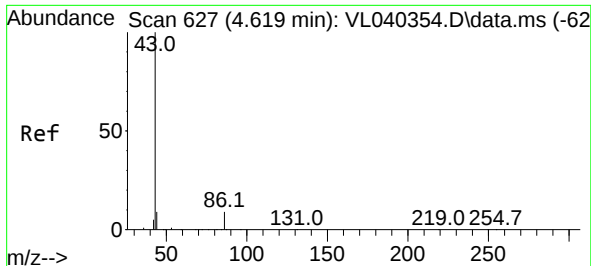
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#22
 trans-1,2-Dichloroethene
 Concen: 2.084 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

Tgt Ion: 96 Resp: 132074
 Ion Ratio Lower Upper
 96 100
 61 158.9 125.4 188.2
 98 63.2 49.8 74.6





#23
 Vinyl Acetate
 Concen: 2.141 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

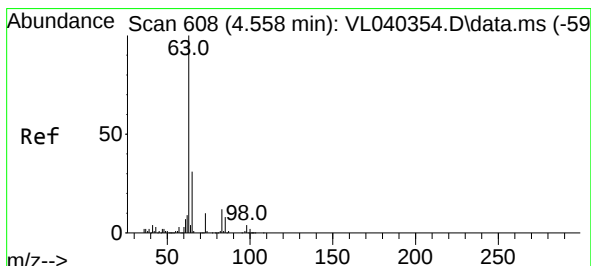
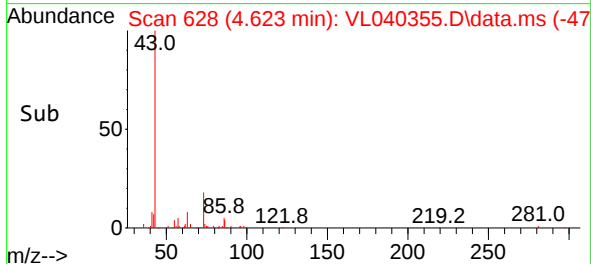
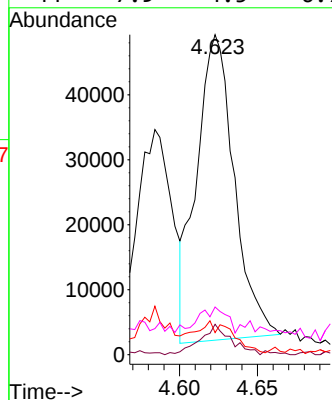
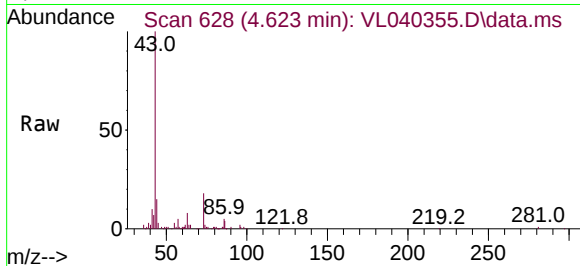
VSTDIC002

Tgt Ion: 43 Resp: 78850
 Ion Ratio Lower Upper
 43 100
 86 9.7 5.0 7.4
 42 6.2 9.1 13.7
 44 7.9 4.5 6.7

Manual Integrations

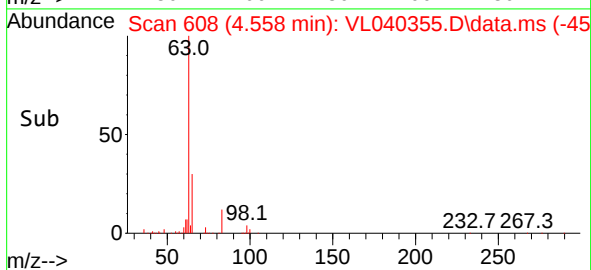
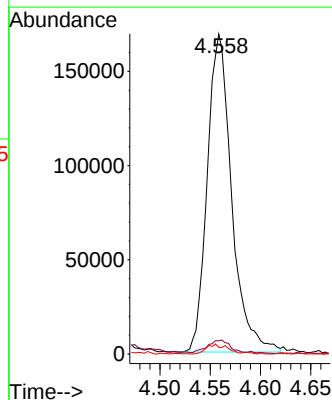
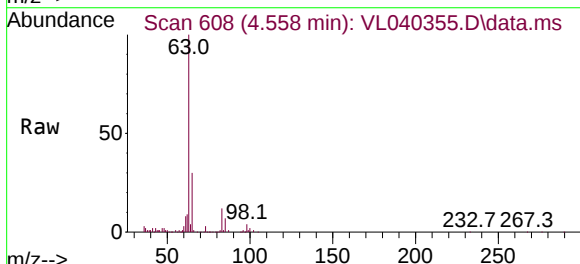
APPROVED

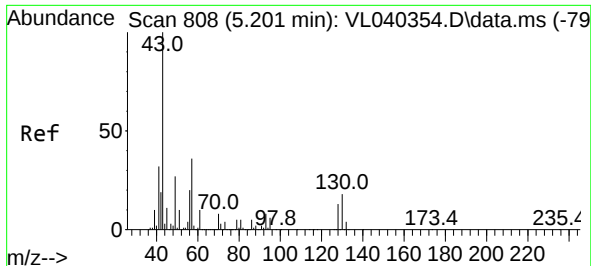
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#24
 1,1-Dichloroethane
 Concen: 2.168 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

Tgt Ion: 63 Resp: 284761
 Ion Ratio Lower Upper
 63 100
 98 3.8 2.4 7.2
 100 1.9 1.2 3.6





#25

Ethyl Acetate

Concen: 2.334 ppbv

RT: 5.205 min Scan# 80

Delta R.T. 0.004 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 43 Resp: 57842

Ion Ratio Lower Upper

43 100

45 10.5 8.6 12.8

61 10.7 8.4 12.6

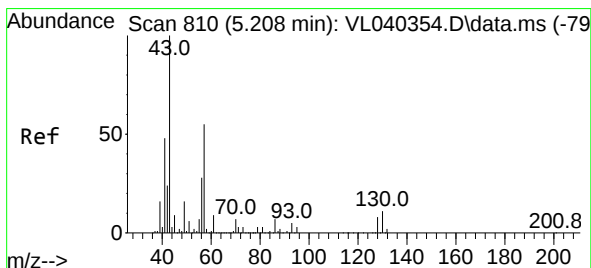
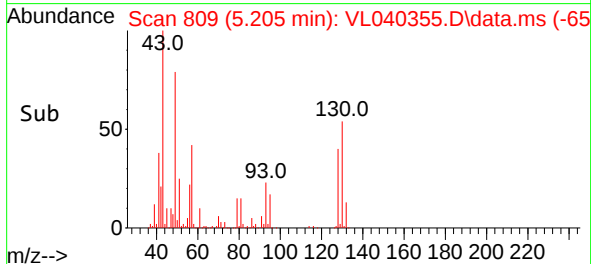
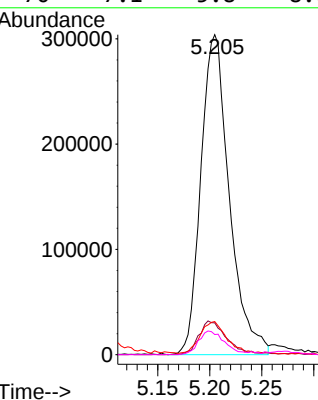
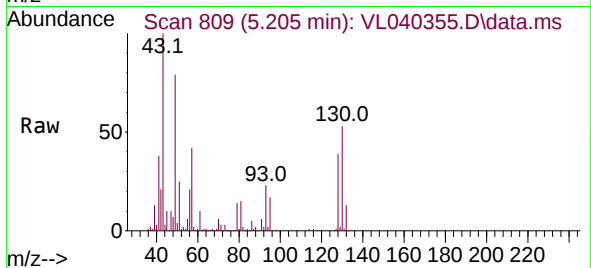
70 7.1 5.8 8.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#26

Hexane

Concen: 2.407 ppbv

RT: 5.208 min Scan# 810

Delta R.T. -0.003 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Tgt Ion: 57 Resp: 244870

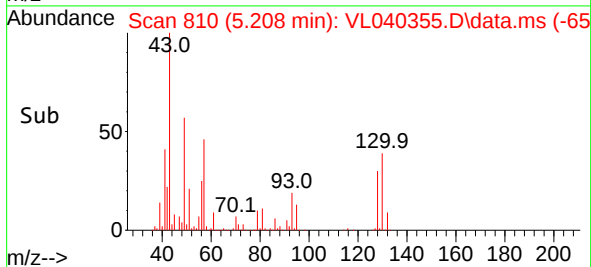
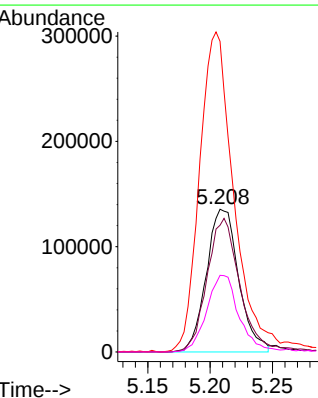
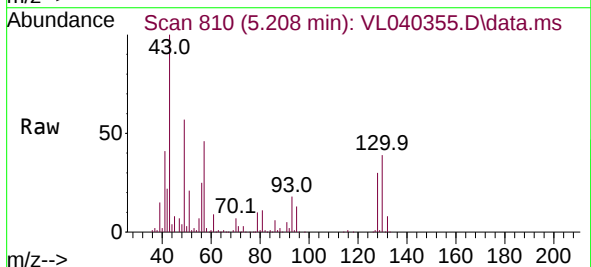
Ion Ratio Lower Upper

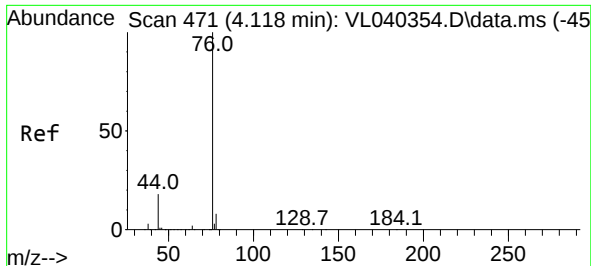
57 100

41 97.4 73.5 110.3

43 244.4 196.3 294.5

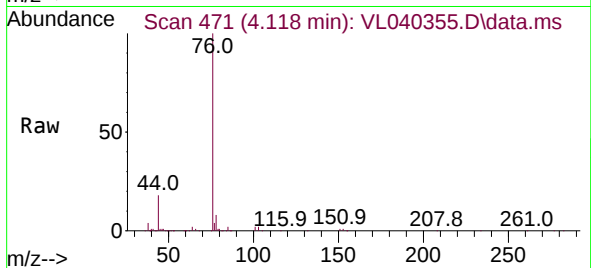
56 54.9 43.8 65.8





#27
Carbon Disulfide
Concen: 2.127 ppbv
RT: 4.118 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

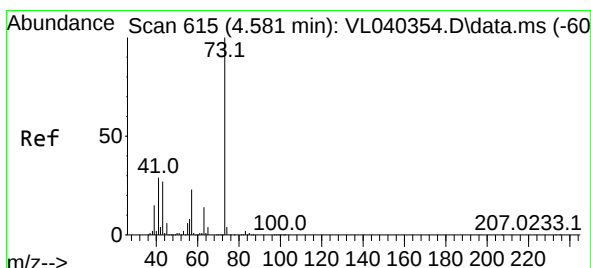
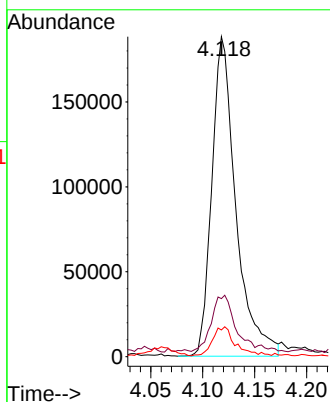
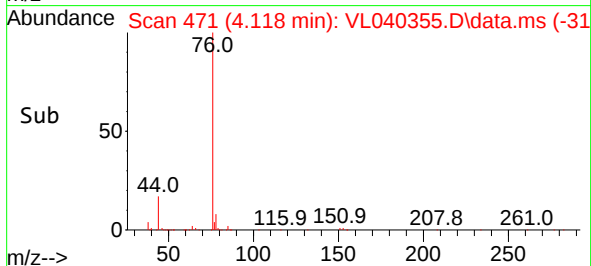
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 76 Resp: 302269
Ion Ratio Lower Upper
76 100
44 19.0 15.2 22.8
78 9.8 7.6 11.4

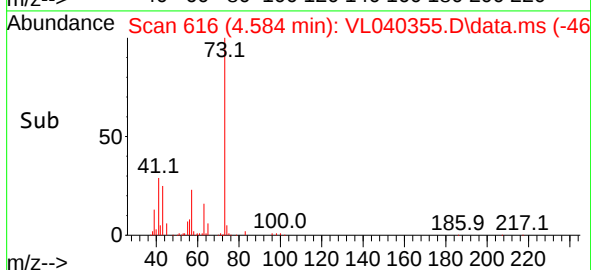
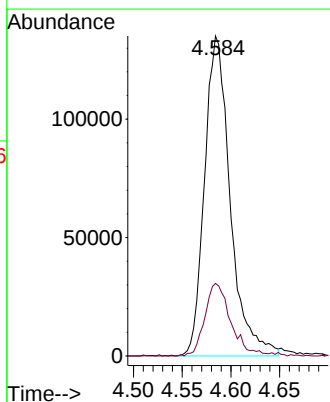
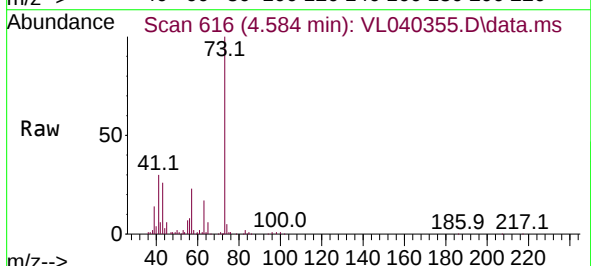
Manual Integrations
APPROVED

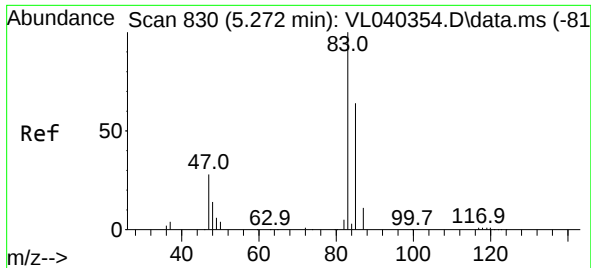
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#28
Methyl tert-Butyl Ether
Concen: 2.122 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion: 73 Resp: 247918
Ion Ratio Lower Upper
73 100
57 23.3 18.4 27.6





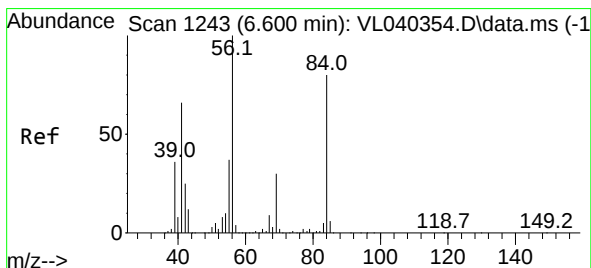
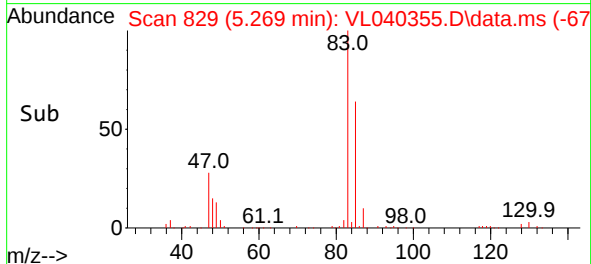
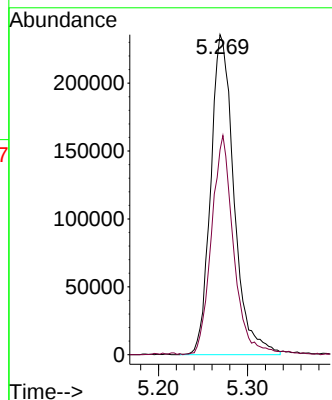
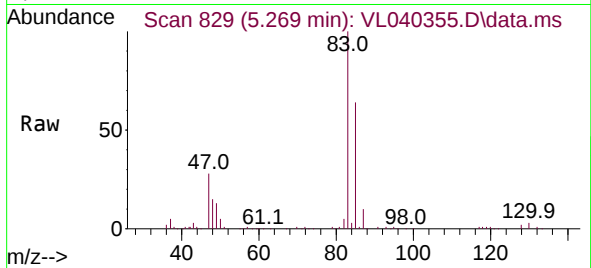
#29
Chloroform
Concen: 2.384 ppbv
RT: 5.269 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 42822
Ion Ratio Lower Upper
83 100
85 63.6 52.8 79.2

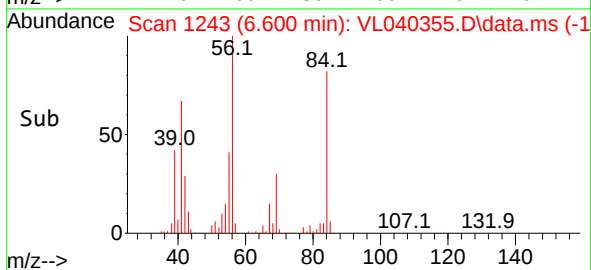
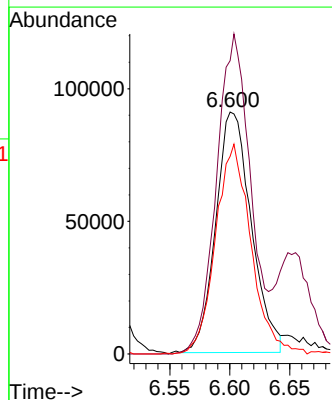
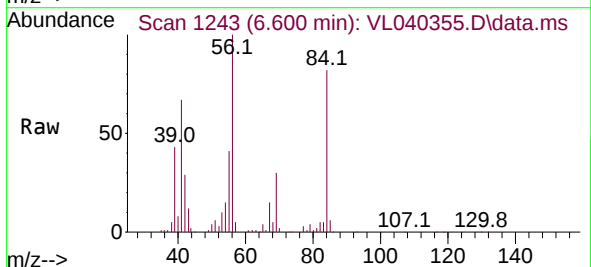
Manual Integrations
APPROVED

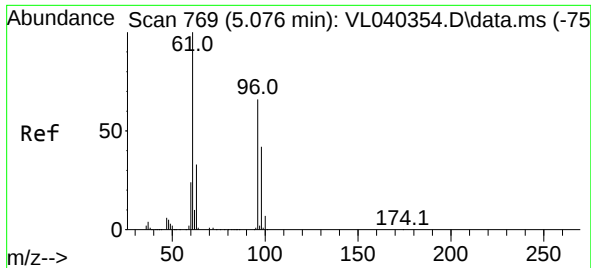
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#30
Cyclohexane
Concen: 2.332 ppbv
RT: 6.600 min Scan# 1243
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion: 84 Resp: 186938
Ion Ratio Lower Upper
84 100
56 127.0 109.0 163.4
41 87.7 67.9 101.9





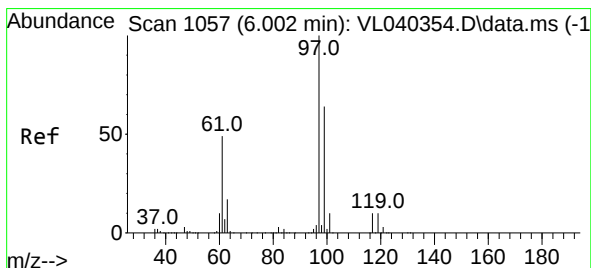
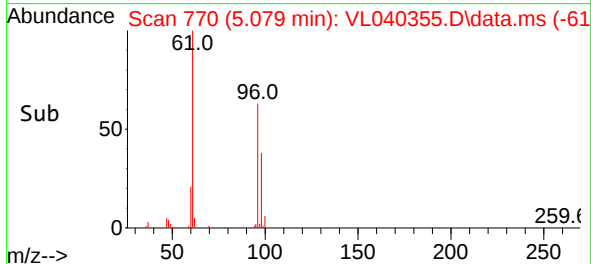
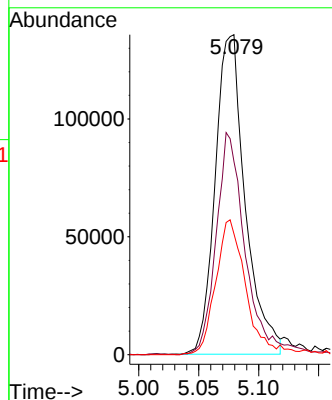
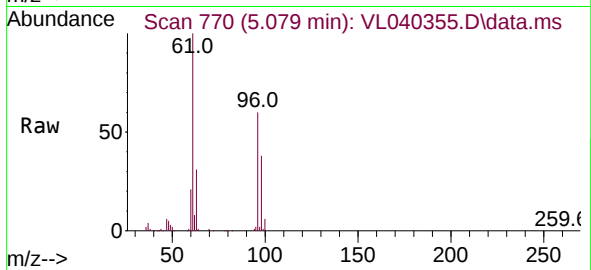
#31
 cis-1,2-Dichloroethene
 Concen: 2.381 ppbv
 RT: 5.079 min Scan# 769
 Delta R.T. 0.003 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 61 Resp: 23589
 Ion Ratio Lower Upper
 61 100
 96 60.5 51.8 77.8
 98 37.8 32.5 48.7

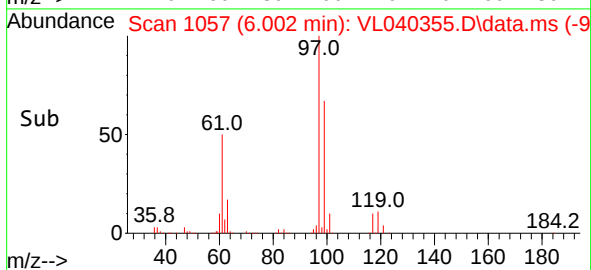
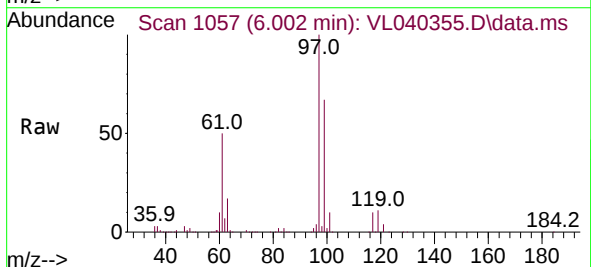
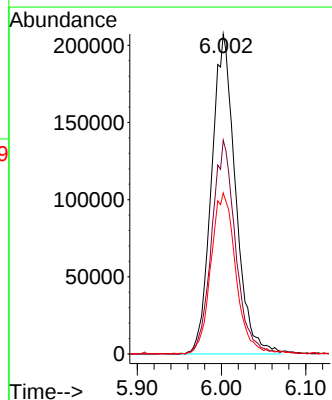
Manual Integrations
 APPROVED

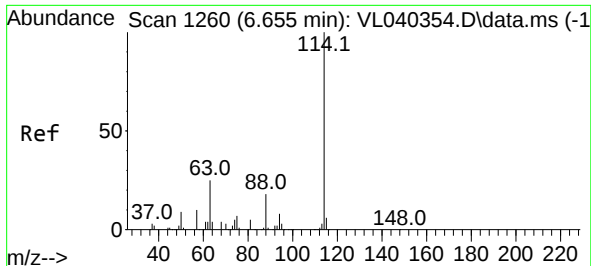
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#32
 1,1,1-Trichloroethane
 Concen: 2.381 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.003 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

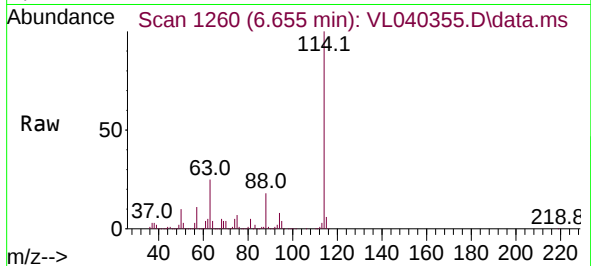
Tgt Ion: 97 Resp: 409809
 Ion Ratio Lower Upper
 97 100
 99 66.4 52.2 78.2
 61 52.7 41.4 62.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

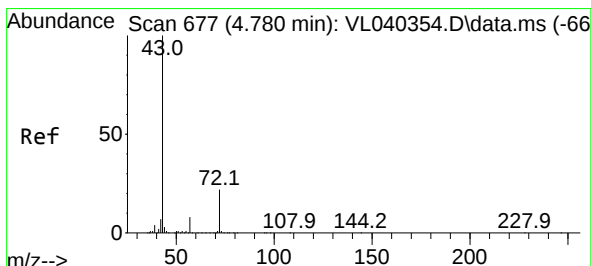
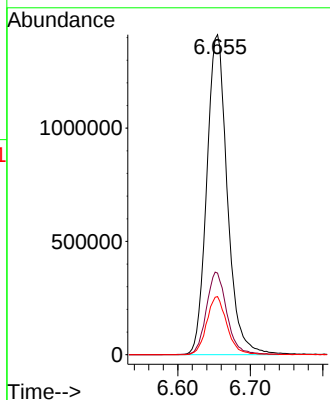
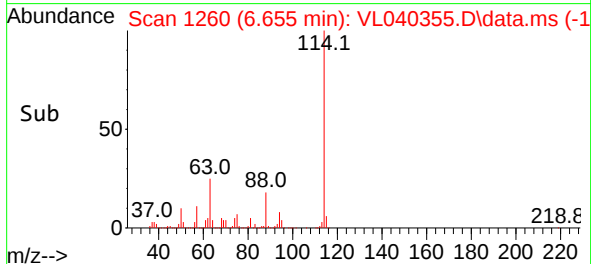
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion:114 Resp: 278014
Ion Ratio Lower Upper
114 100
63 26.0 21.2 31.8
88 18.0 14.5 21.7

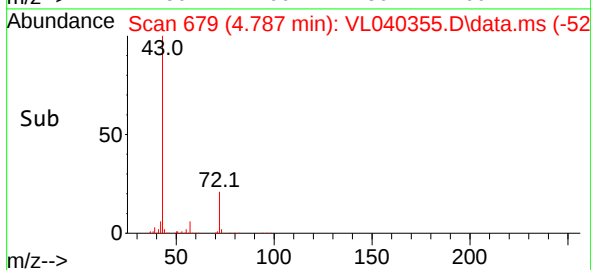
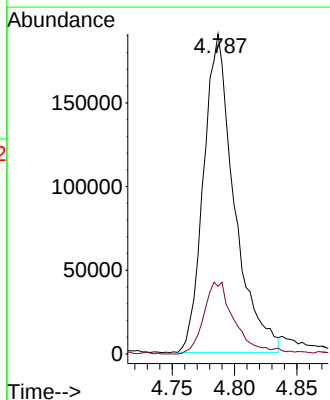
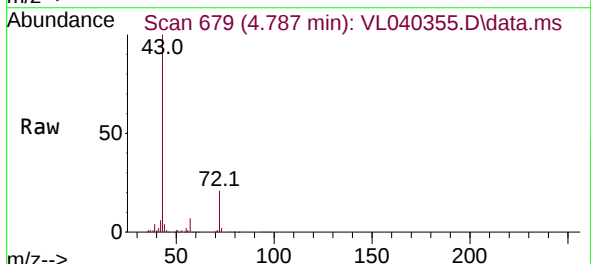
Manual Integrations
APPROVED

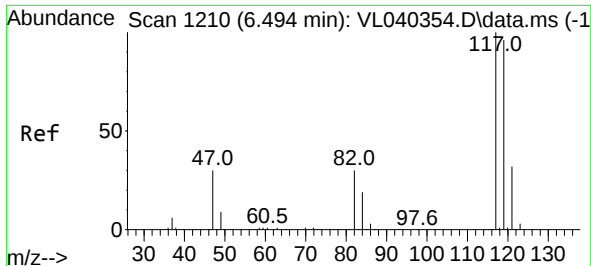
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#34
2-Butanone
Concen: 2.374 ppbv
RT: 4.787 min Scan# 679
Delta R.T. 0.007 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

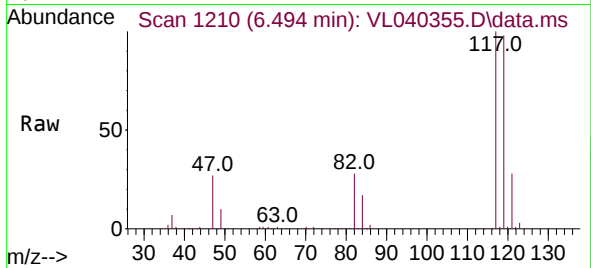
Tgt Ion: 43 Resp: 325796
Ion Ratio Lower Upper
43 100
72 23.7 18.3 27.5





#35
Carbon Tetrachloride
Concen: 2.374 ppbv
RT: 6.494 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

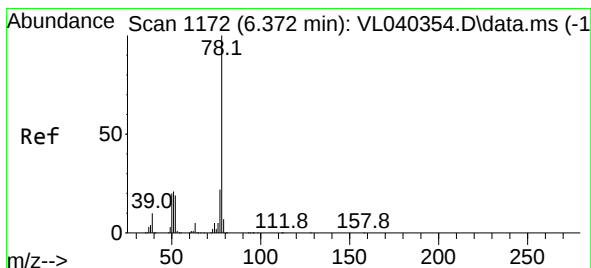
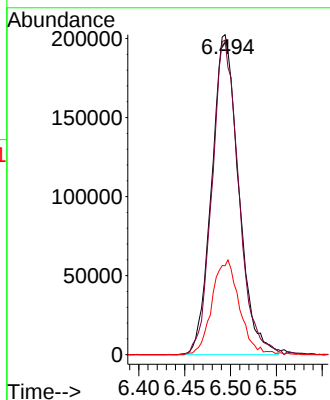
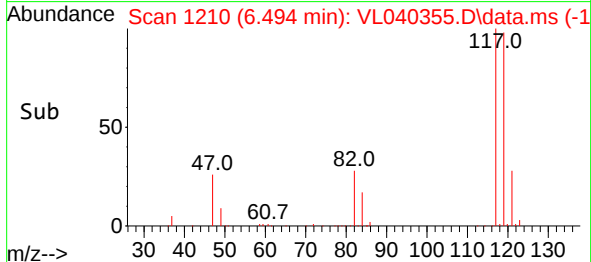
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



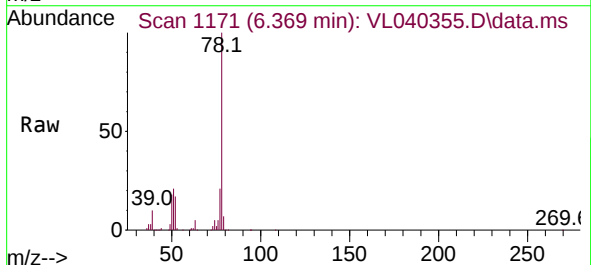
Tgt Ion: 117 Resp: 414140
Ion Ratio Lower Upper
117 100
119 98.3 76.4 114.6
121 27.8 25.6 38.4

Manual Integrations
APPROVED

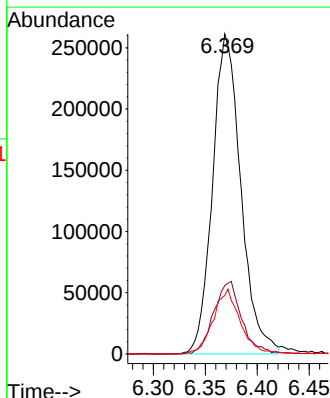
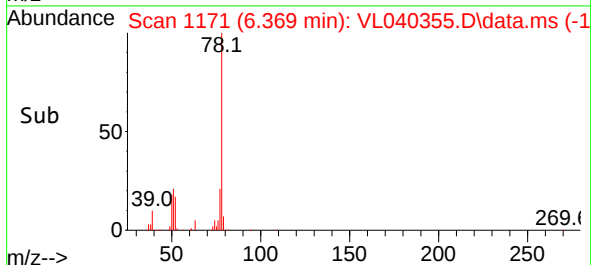
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

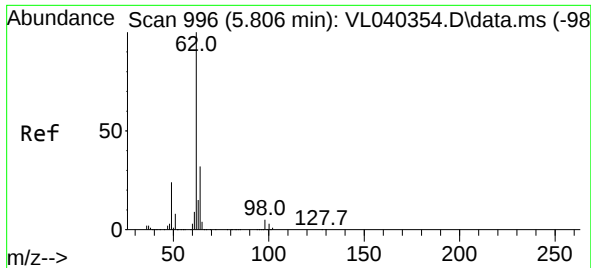


#36
Benzene
Concen: 2.331 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45



Tgt Ion: 78 Resp: 493848
Ion Ratio Lower Upper
78 100
77 21.3 17.8 26.8
50 18.3 15.4 23.2





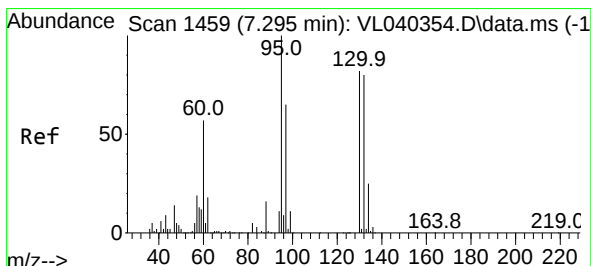
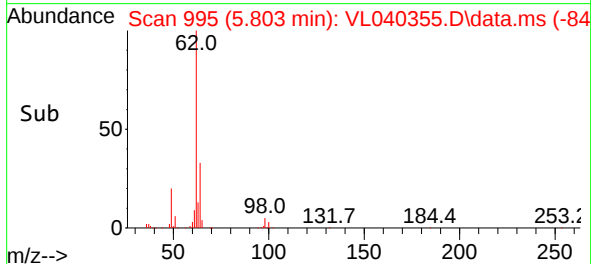
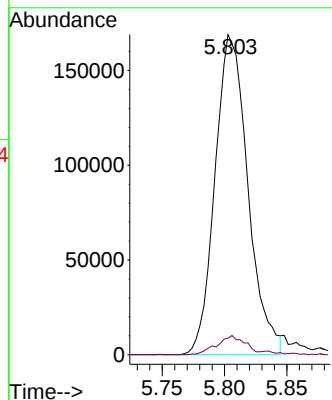
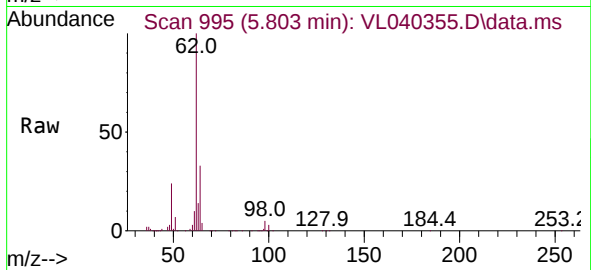
#37
1,2-Dichloroethane
Concen: 2.251 ppbv
RT: 5.803 min Scan# 996
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 310409
Ion Ratio Lower Upper
62 100
98 5.8 4.3 6.5

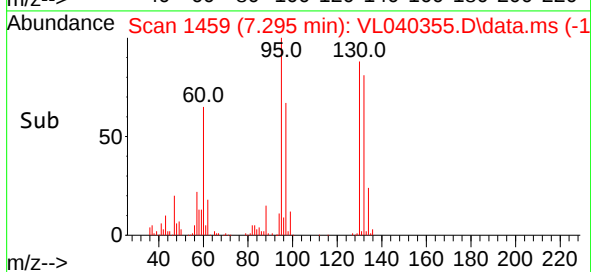
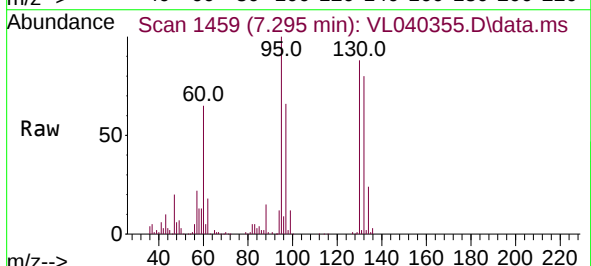
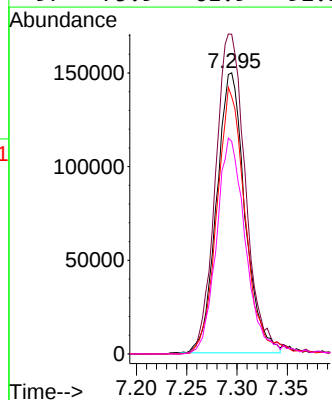
Manual Integrations
APPROVED

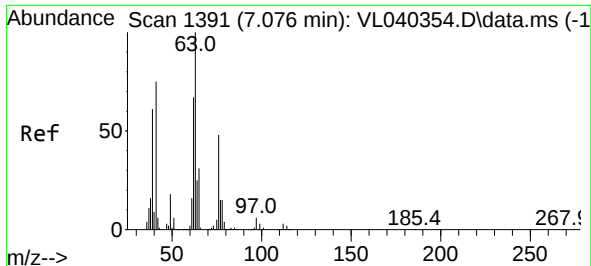
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#38
Trichloroethene
Concen: 2.531 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion:130 Resp: 293013
Ion Ratio Lower Upper
130 100
95 114.2 93.0 139.4
132 91.8 75.3 112.9
97 75.9 61.9 92.9





#39

1,2-Dichloropropane

Concen: 2.290 ppbv

RT: 7.076 min Scan# 1391

Delta R.T. 0.003 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

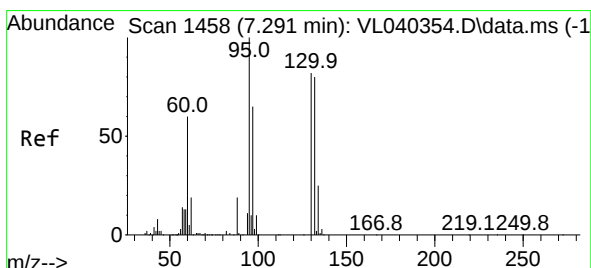
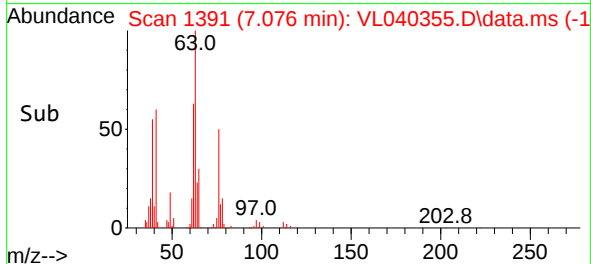
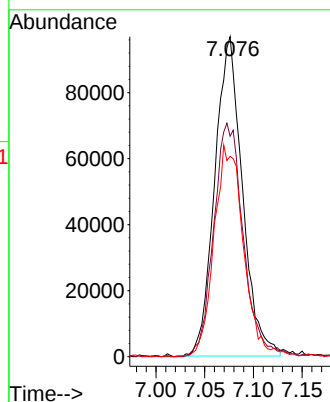
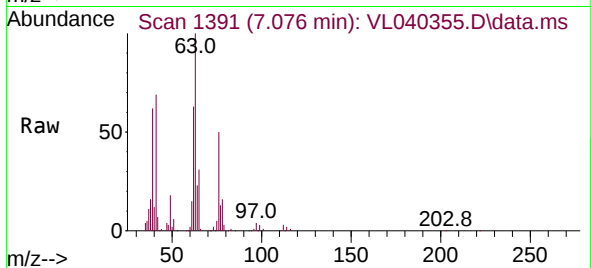
Tgt Ion: 63 Resp: 190350

Ion	Ratio	Lower	Upper
63	100		
41	69.0	60.8	91.2
62	62.6	54.1	81.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#40

1,4-Dioxane

Concen: 2.126 ppbv

RT: 7.304 min Scan# 1462

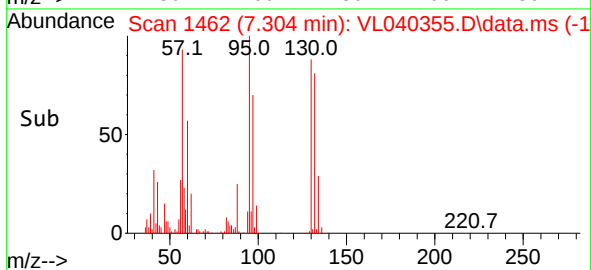
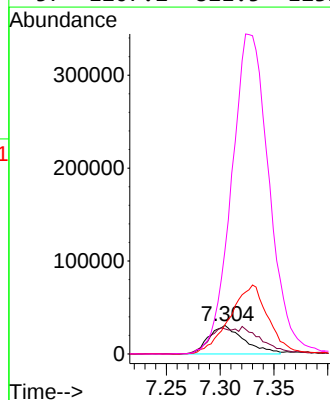
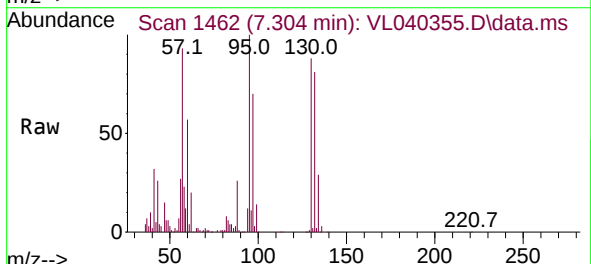
Delta R.T. 0.013 min

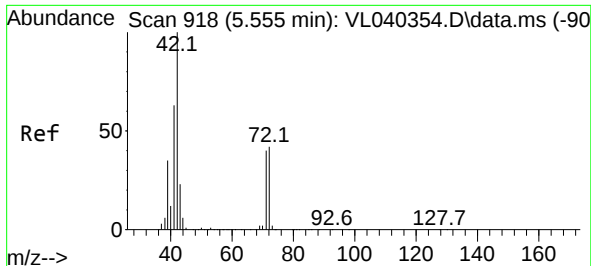
Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Tgt Ion: 88 Resp: 69924

Ion	Ratio	Lower	Upper
88	100		
58	135.8	96.0	144.0
43	268.5	187.6	281.4
57	1207.2	821.5	1232.3





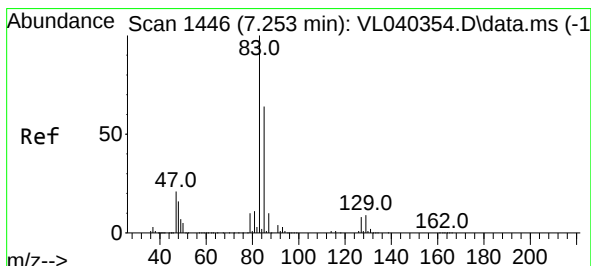
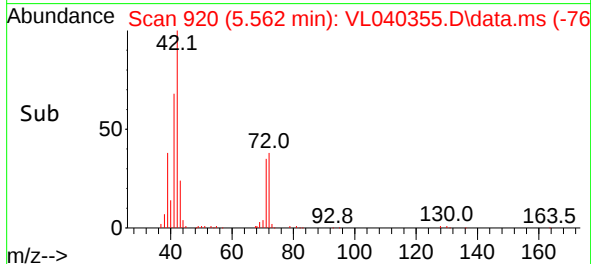
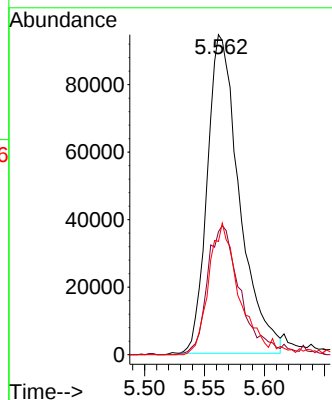
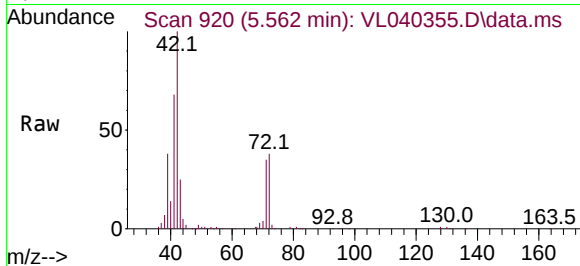
#41
Tetrahydrofuran
Concen: 2.222 ppbv
RT: 5.562 min Scan# 918
Delta R.T. 0.007 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 42 Resp: 17597
Ion Ratio Lower Upper
42 100
72 43.1 32.6 49.0
71 41.1 31.0 46.4

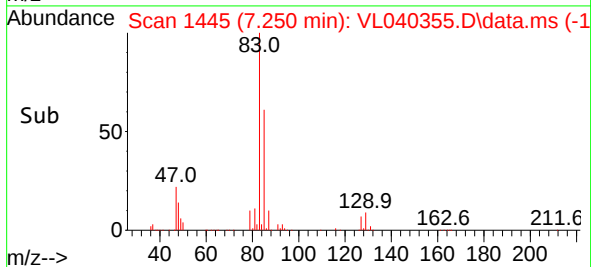
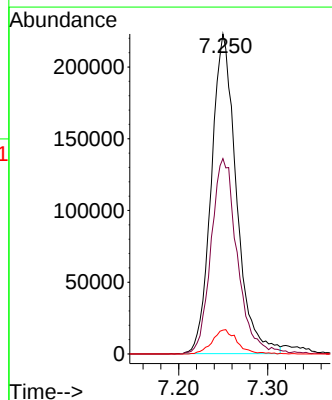
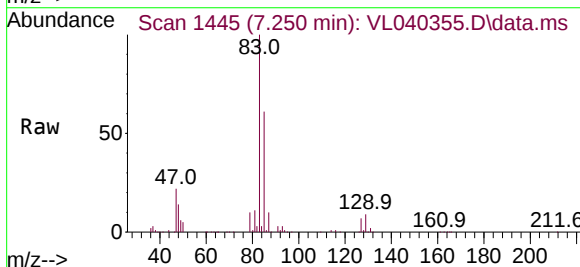
Manual Integrations
APPROVED

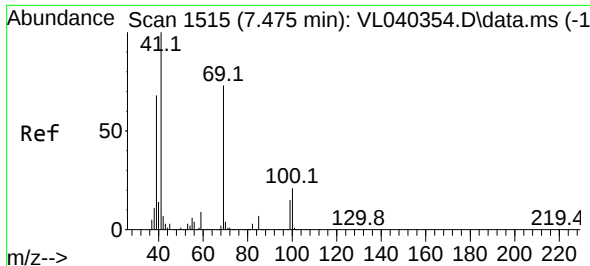
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#42
Bromodichloromethane
Concen: 2.318 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

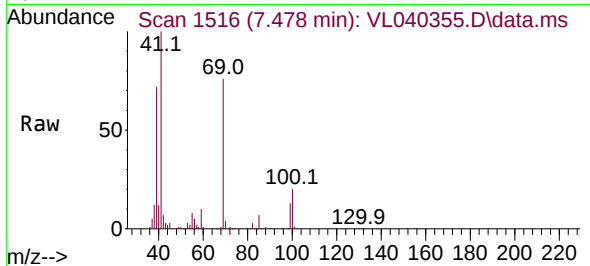
Tgt Ion: 83 Resp: 436827
Ion Ratio Lower Upper
83 100
85 61.1 52.1 78.1
127 7.5 5.8 8.6





#43
Methyl Methacrylate
Concen: 2.314 ppbv
RT: 7.478 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

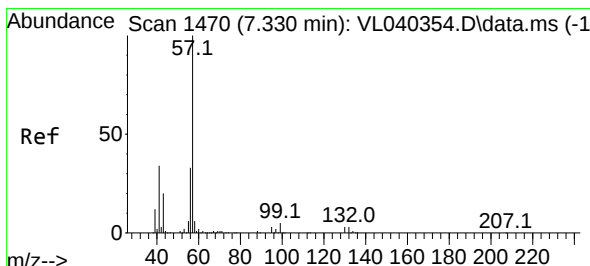
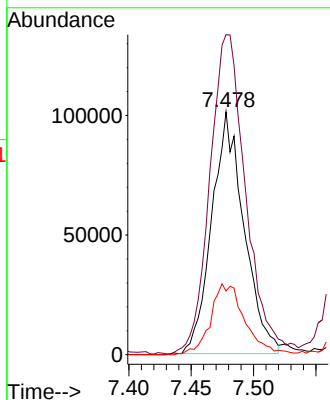
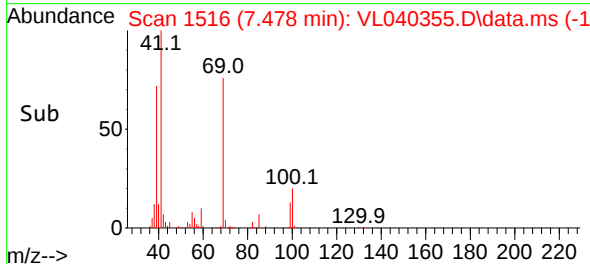
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



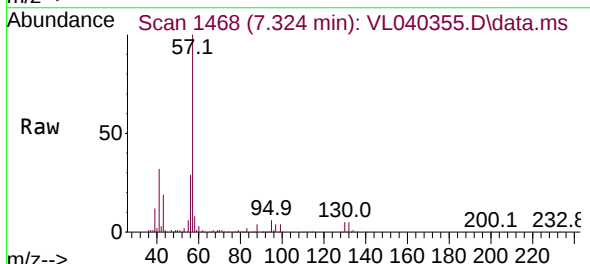
Tgt Ion: 69 Resp: 182214
Ion Ratio Lower Upper
69 100
41 147.3 116.9 175.3
100 31.1 24.2 36.4

Manual Integrations
APPROVED

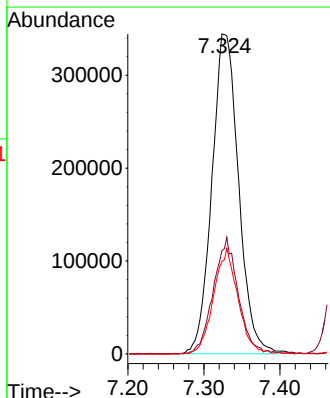
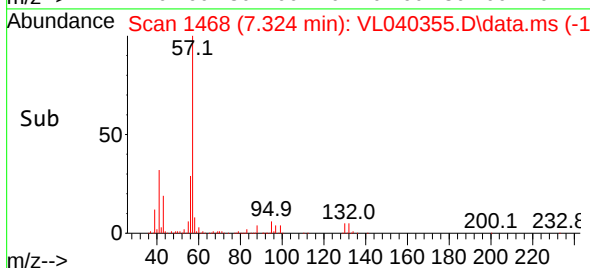
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

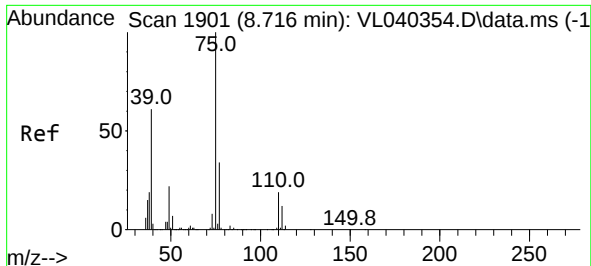


#44
2,2,4-Trimethylpentane
Concen: 2.373 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. -0.006 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45



Tgt Ion: 57 Resp: 838369
Ion Ratio Lower Upper
57 100
41 34.3 26.8 40.2
56 30.4 25.0 37.6





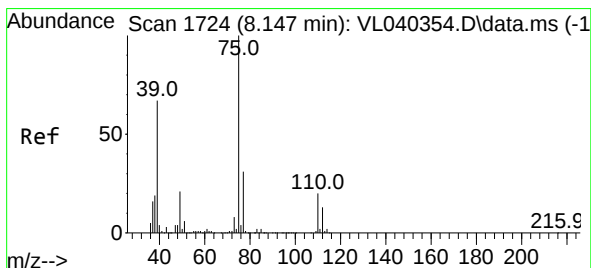
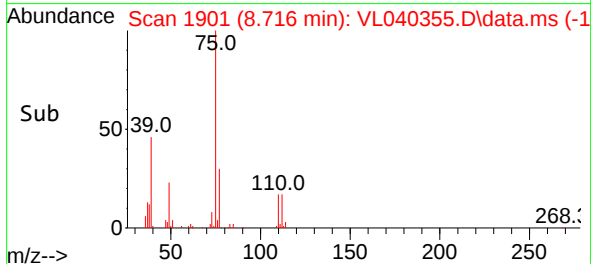
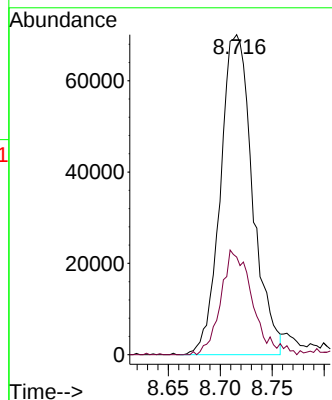
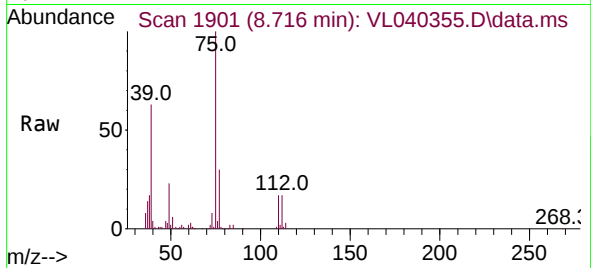
#45
t-1,3-Dichloropropene
Concen: 2.202 ppbv
RT: 8.716 min Scan# 1901
Delta R.T. 0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 75 Resp: 15111
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0

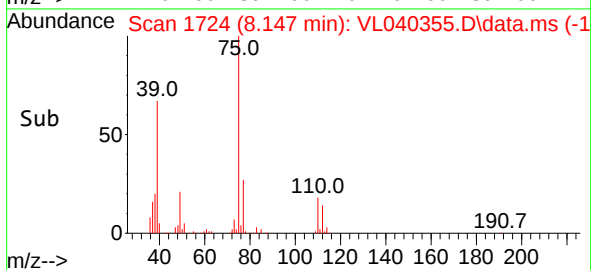
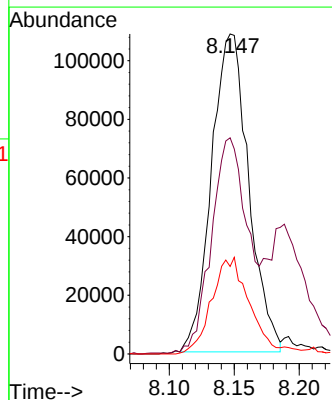
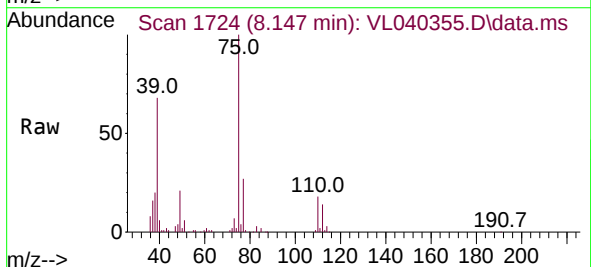
Manual Integrations
APPROVED

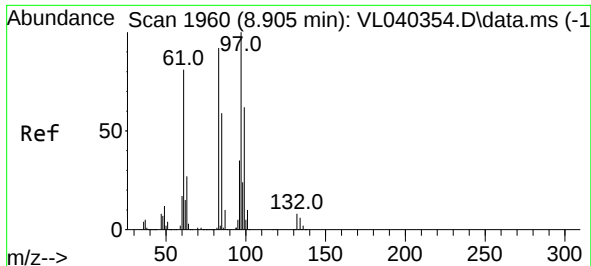
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#46
cis-1,3-Dichloropropene
Concen: 2.215 ppbv
RT: 8.147 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion: 75 Resp: 215869
Ion Ratio Lower Upper
75 100
39 67.4 53.9 80.9
77 27.1 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 2.374 ppbv

RT: 8.902 min Scan# 1960

Delta R.T. -0.004 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 97 Resp: 21054

Ion Ratio Lower Upper

97 100

83 80.2 68.6 103.0

85 52.2 46.0 69.0

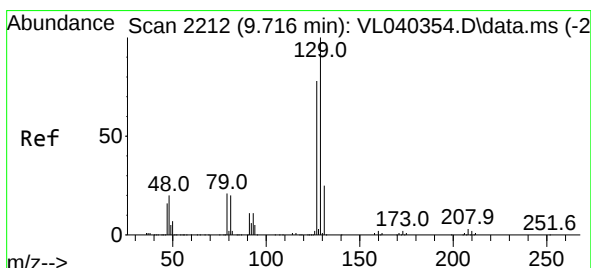
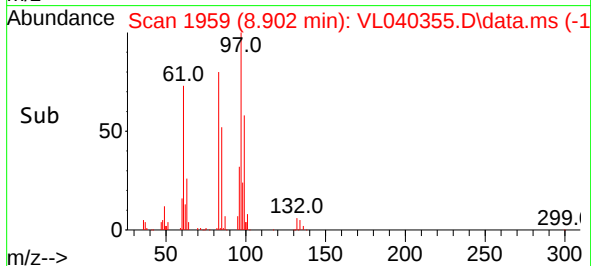
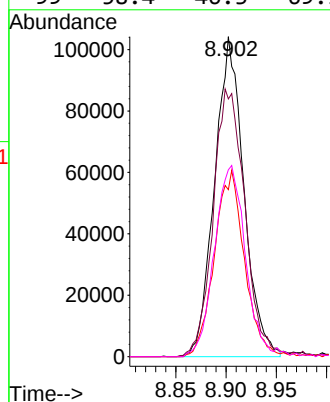
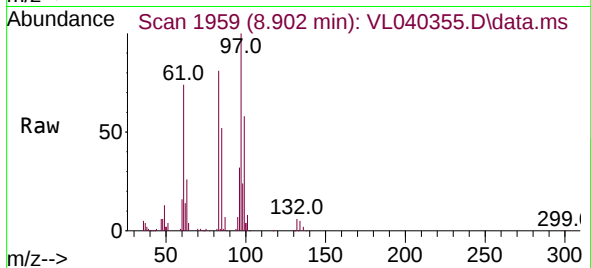
99 58.4 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#48

Dibromochloromethane

Concen: 2.293 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. -0.000 min

Lab File: VL040355.D

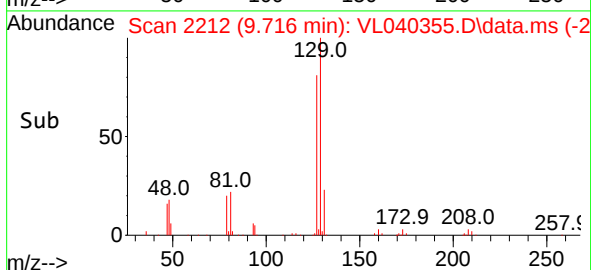
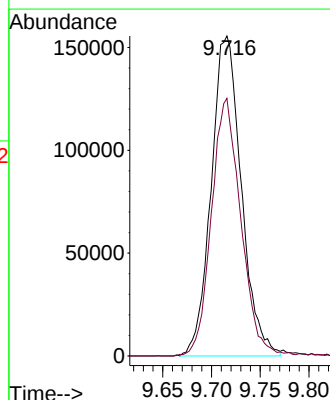
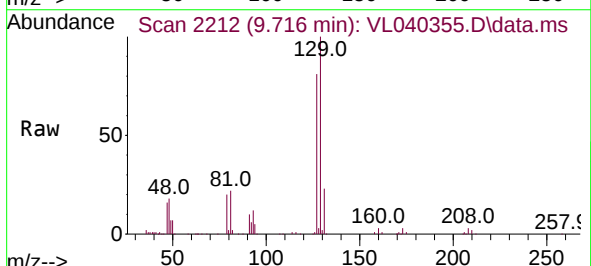
Acq: 13 Apr 2023 10:45

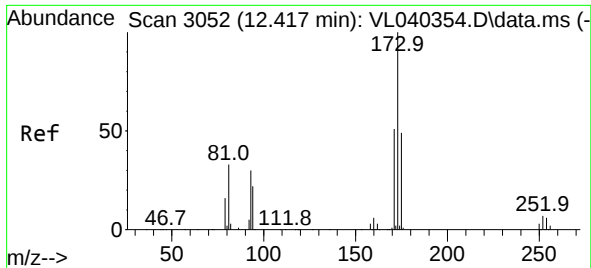
Tgt Ion:129 Resp: 334708

Ion Ratio Lower Upper

129 100

127 79.2 39.1 117.5





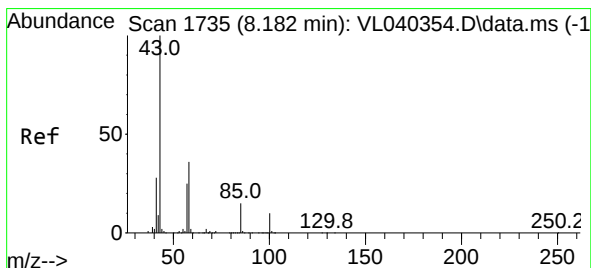
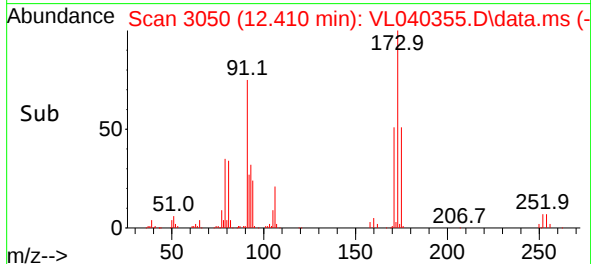
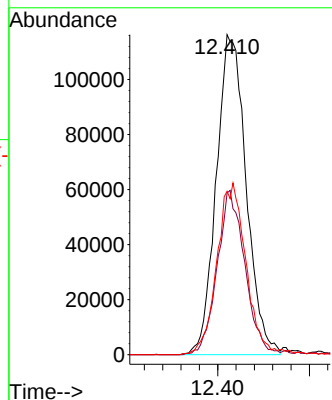
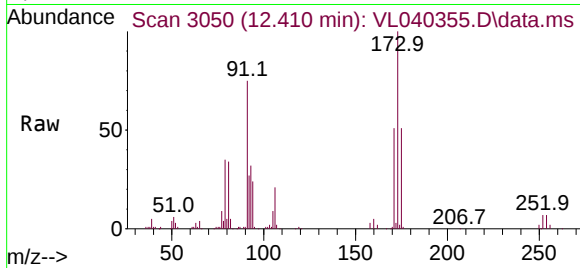
#49
Bromoform
Concen: 2.399 ppbv
RT: 12.410 min Scan# 3052
Delta R.T. -0.007 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Instrument : MSVOA_L
ClientSampleId : VSTDIC002

Tgt Ion: 173 Resp: 263000
Ion Ratio Lower Upper
173 100
175 48.4 39.8 59.8
171 52.7 42.2 63.4

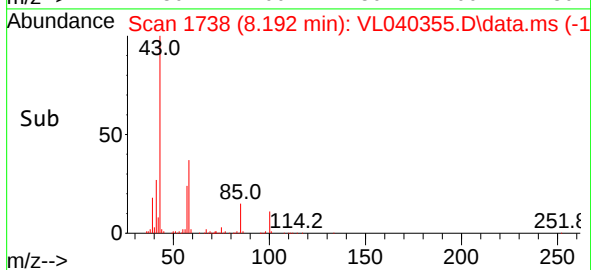
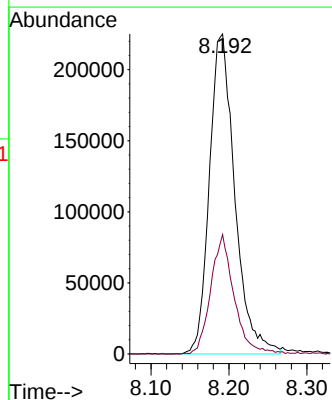
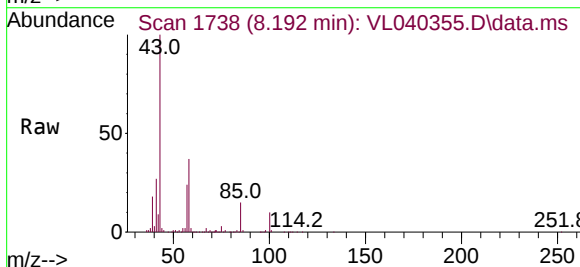
Manual Integrations
APPROVED

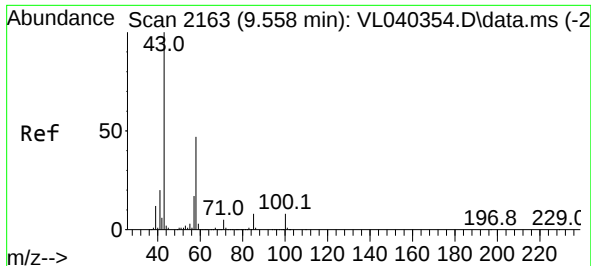
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#50
4-Methyl-2-Pentanone
Concen: 2.400 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.007 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

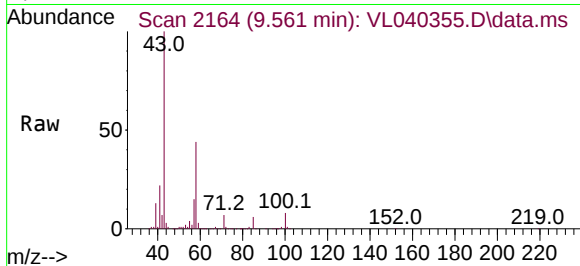
Tgt Ion: 43 Resp: 509576
Ion Ratio Lower Upper
43 100
58 34.4 29.2 43.8





#51
2-Hexanone
Concen: 2.263 ppbv
RT: 9.561 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

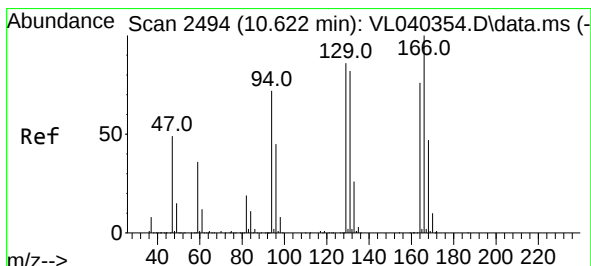
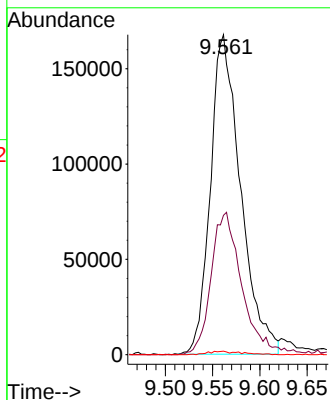
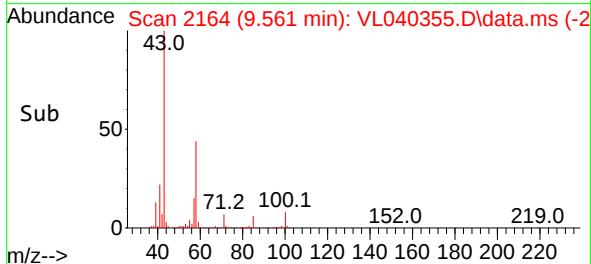
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 43 Resp: 372240
Ion Ratio Lower Upper
43 100
58 45.6 38.0 57.0
98 1.2 0.5 0.7

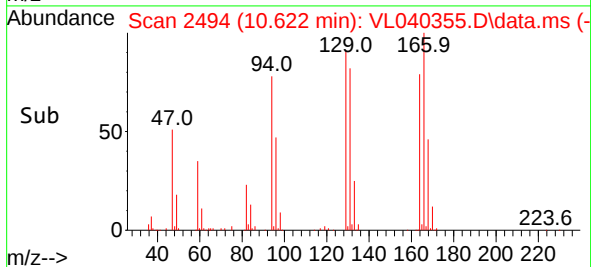
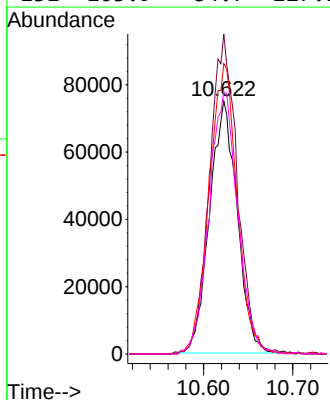
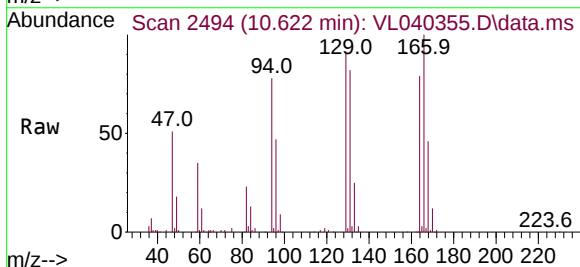
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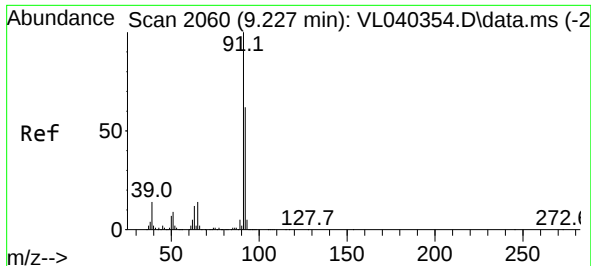
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#52
Tetrachloroethene
Concen: 2.513 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion:164 Resp: 161098
Ion Ratio Lower Upper
164 100
166 126.4 101.8 152.6
129 115.2 90.2 135.2
131 103.9 84.7 127.1





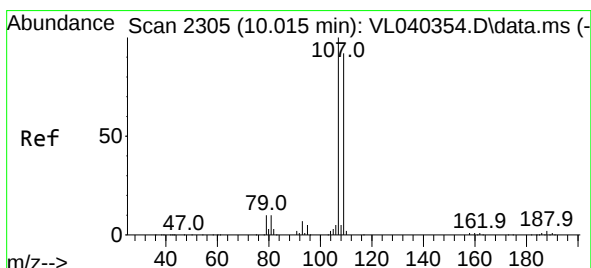
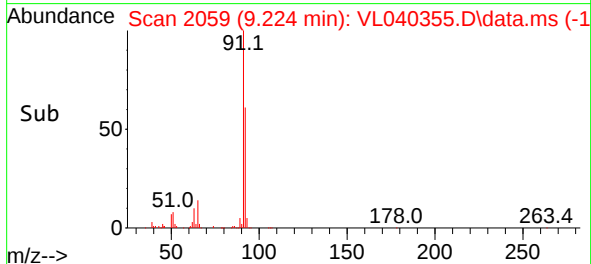
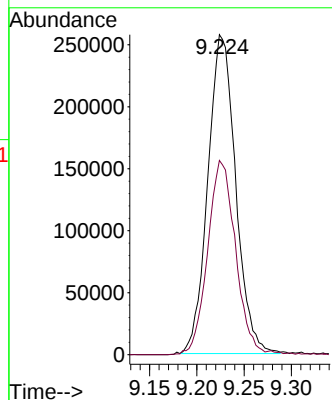
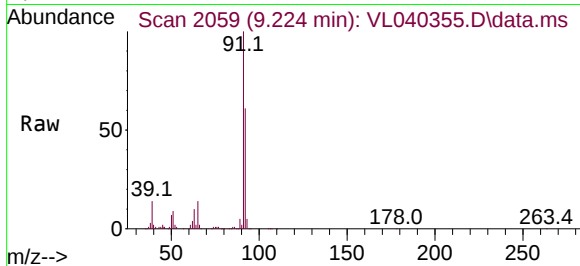
#53
Toluene
Concen: 2.371 ppbv
RT: 9.224 min Scan# 2060
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 526518
Ion Ratio Lower Upper
91 100
92 61.4 48.0 72.0

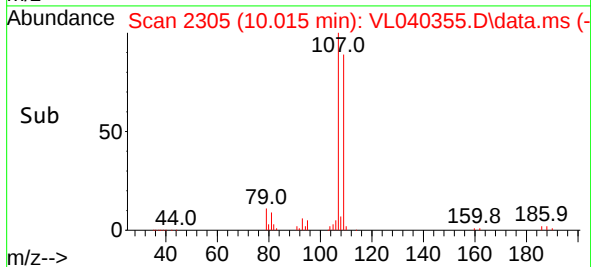
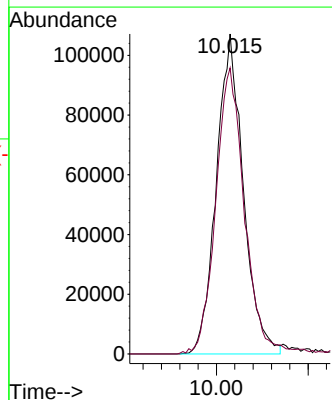
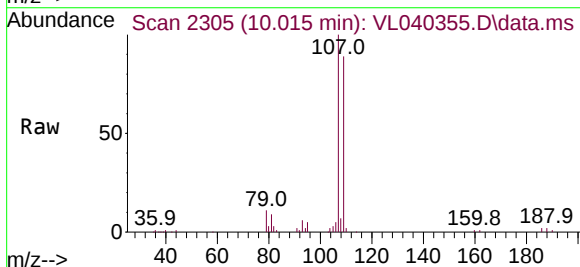
Manual Integrations
APPROVED

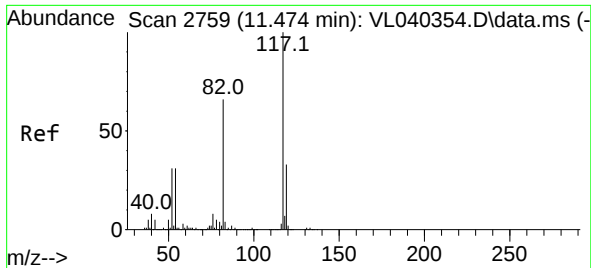
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#54
1,2-Dibromoethane
Concen: 2.394 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. -0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

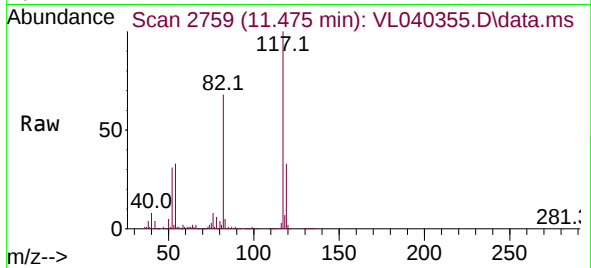
Tgt Ion:107 Resp: 218591
Ion Ratio Lower Upper
107 100
109 89.2 77.0 115.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 2759
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

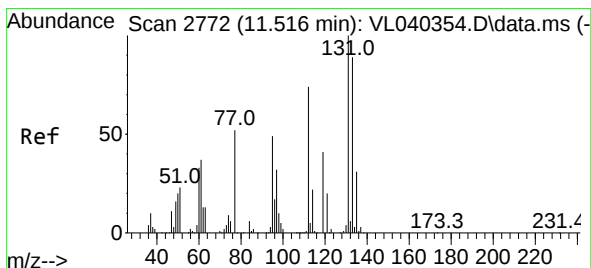
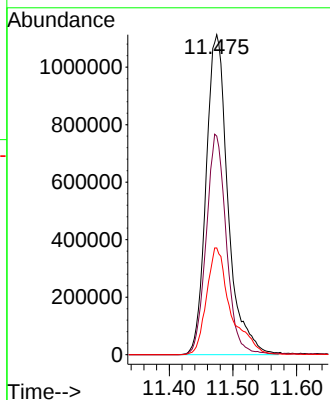
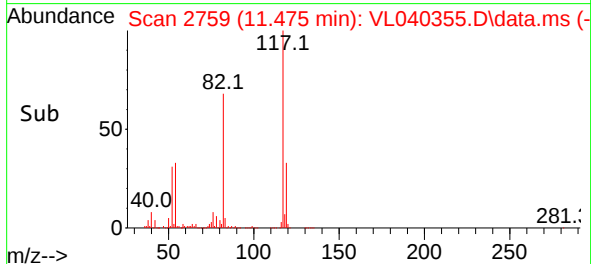
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



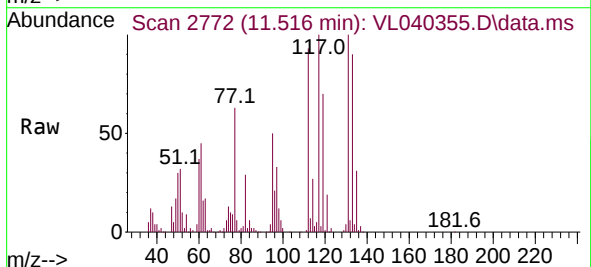
Tgt Ion:117 Resp: 266294
Ion Ratio Lower Upper
117 100
82 63.7 51.4 77.2
119 36.8 24.0 36.0

Manual Integrations
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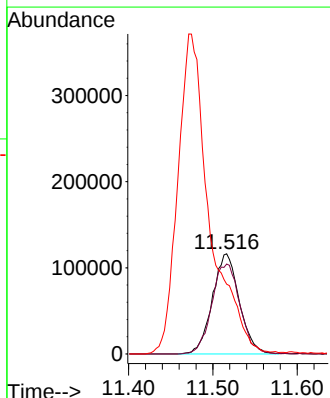
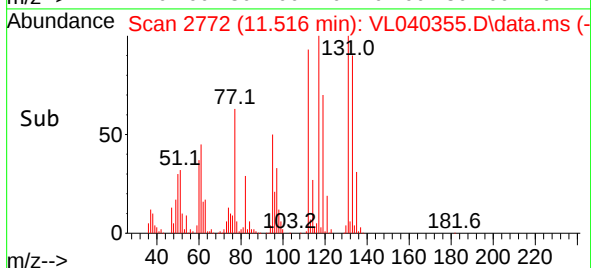
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

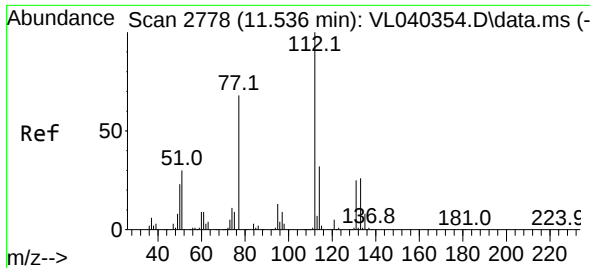


#56
1,1,1,2-Tetrachloroethane
Concen: 2.301 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45



Tgt Ion:131 Resp: 257810
Ion Ratio Lower Upper
131 100
133 94.3 76.5 114.7
119 381.9 47.9 71.9





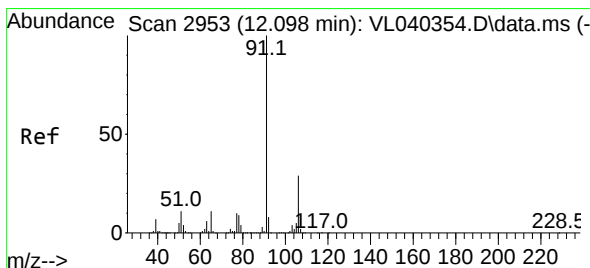
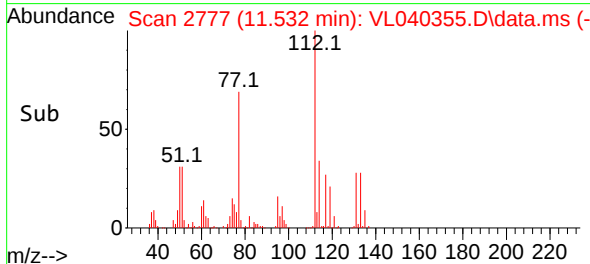
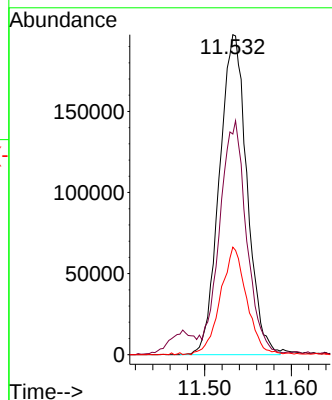
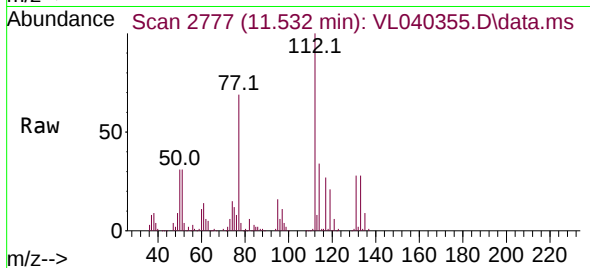
#57
Chlorobenzene
Concen: 2.310 ppbv
RT: 11.532 min Scan# 21
Delta R.T. -0.004 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:112 Resp: 43755
Ion Ratio Lower Upper
112 100
77 68.2 56.2 84.2
114 33.1 29.0 35.4

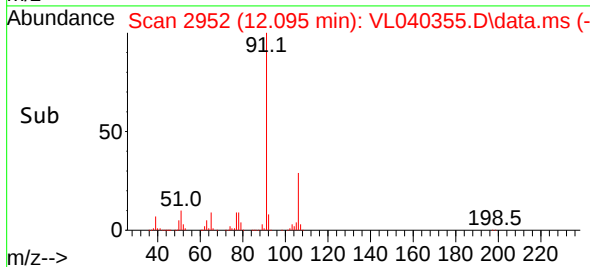
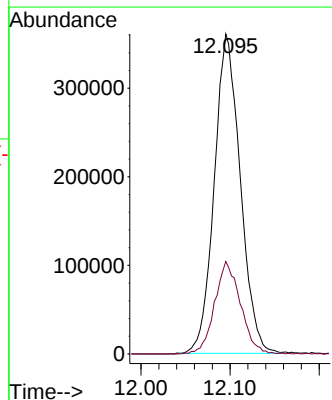
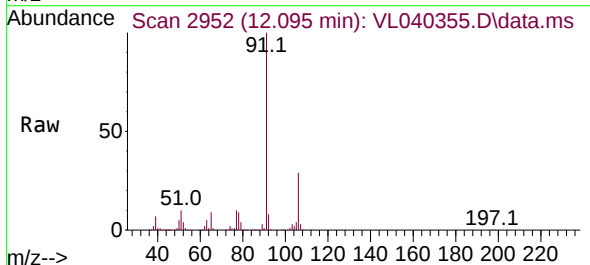
Manual Integrations
APPROVED

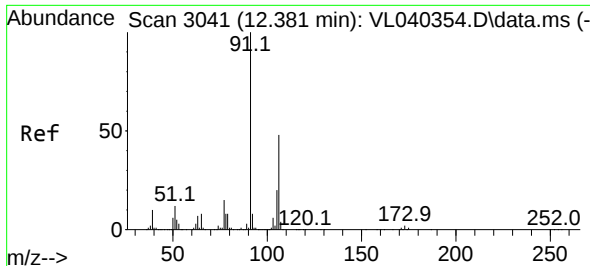
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#58
Ethyl Benzene
Concen: 2.410 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion: 91 Resp: 730624
Ion Ratio Lower Upper
91 100
106 28.9 23.4 35.2





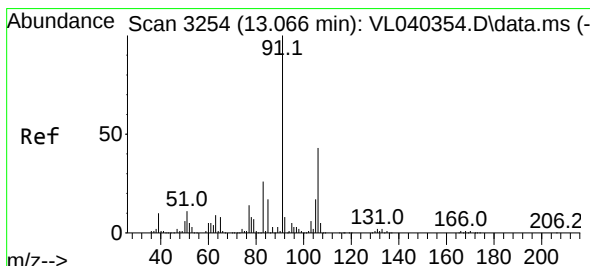
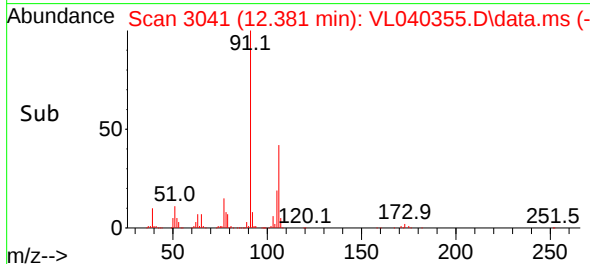
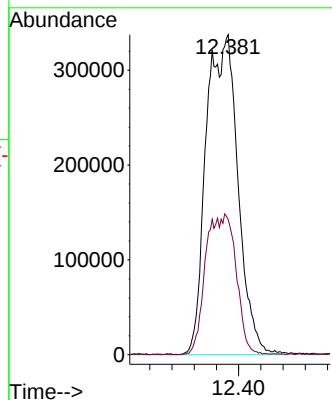
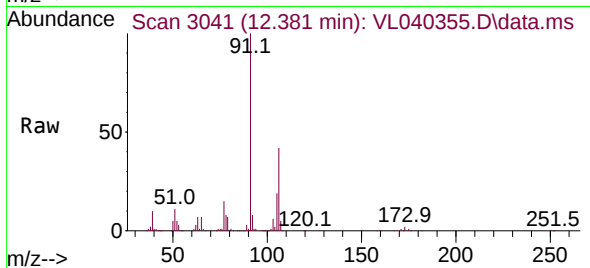
#59
m/p-Xylene
Concen: 4.826 ppbv m
RT: 12.381 min Scan# 3041
Delta R.T. 0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 1340640
Ion Ratio Lower Upper
91 100
106 42.2 34.0 51.0

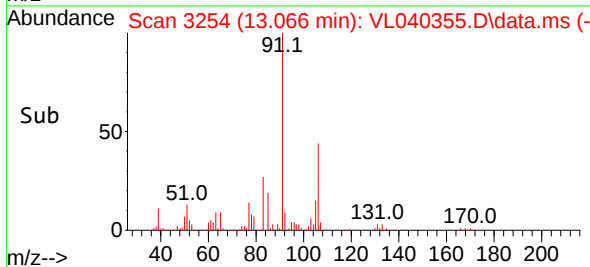
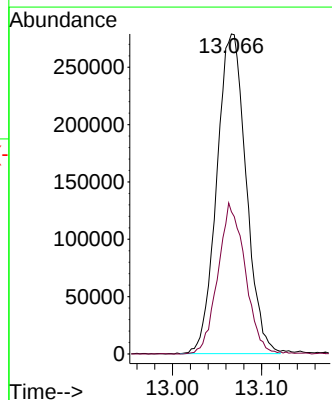
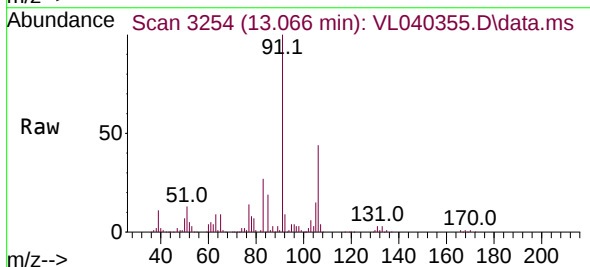
Manual Integrations
APPROVED

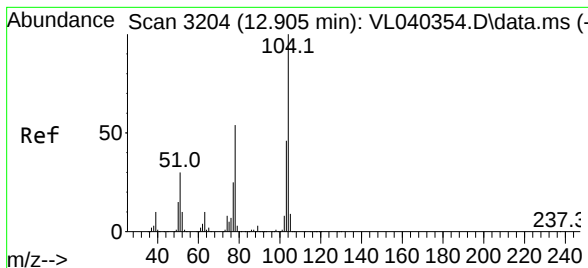
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#60
o-Xylene
Concen: 2.397 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion: 91 Resp: 636519
Ion Ratio Lower Upper
91 100
106 44.2 21.7 65.1





#61

Styrene

Concen: 2.362 ppbv

RT: 12.905 min Scan# 31

Delta R.T. -0.004 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion:104 Resp: 31825

Ion Ratio Lower Upper

104 100

78 56.3 43.7 65.5

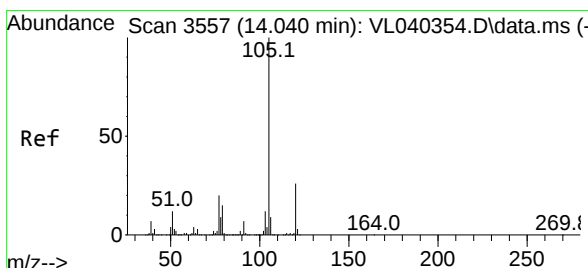
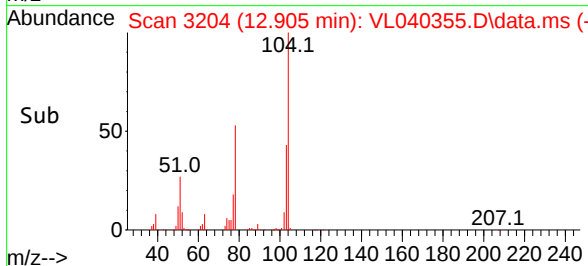
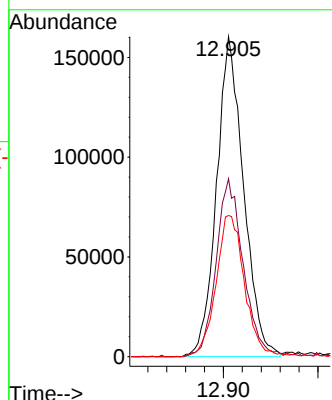
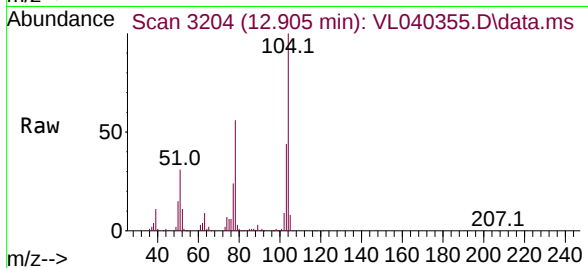
103 47.0 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#62

Isopropylbenzene

Concen: 2.439 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. -0.003 min

Lab File: VL040355.D

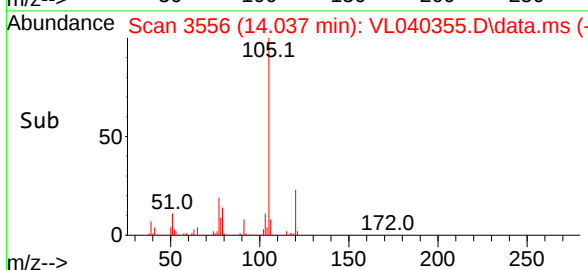
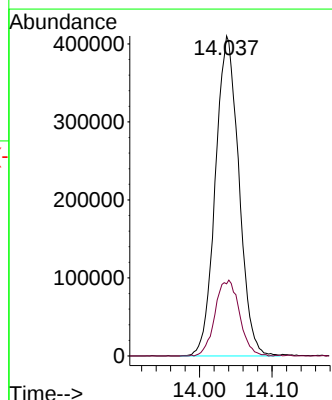
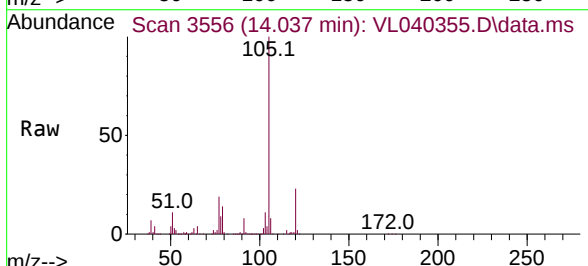
Acq: 13 Apr 2023 10:45

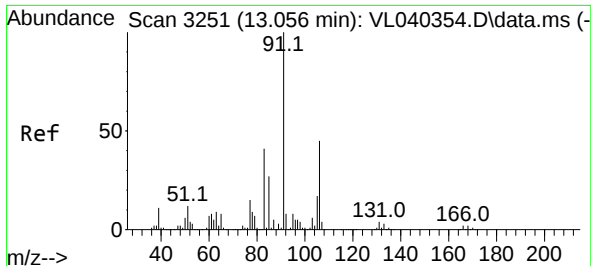
Tgt Ion:105 Resp: 922467

Ion Ratio Lower Upper

105 100

120 24.7 19.9 29.9





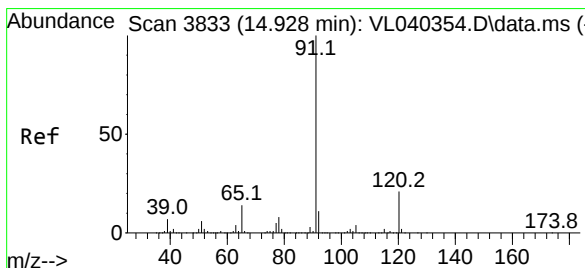
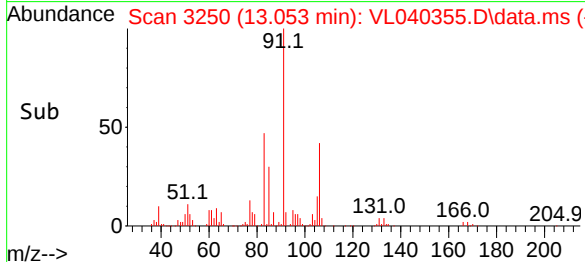
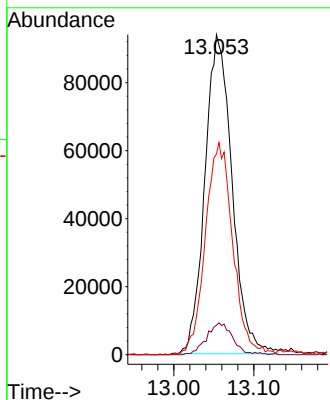
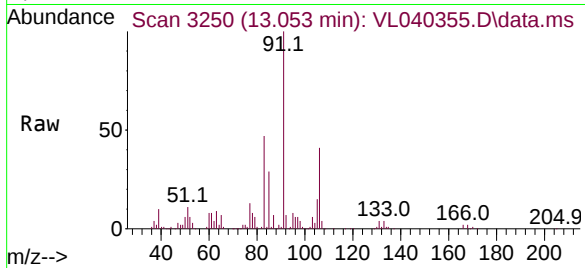
#63
1,1,2,2-Tetrachloroethane
Concen: 2.368 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 83 Resp: 221274
Ion Ratio Lower Upper
83 100
131 9.6 4.3 12.9
85 68.1 32.7 98.1

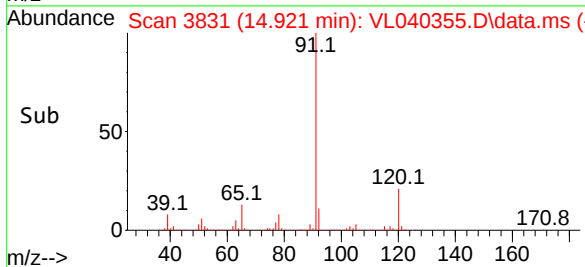
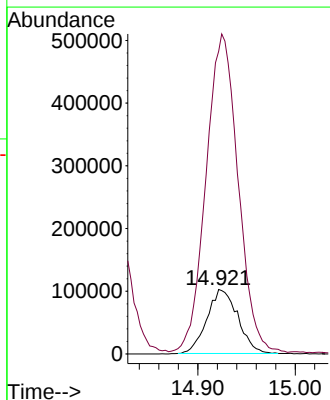
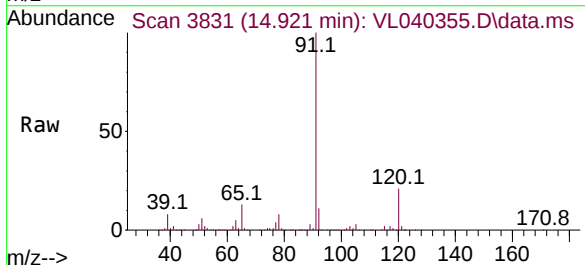
Manual Integrations
APPROVED

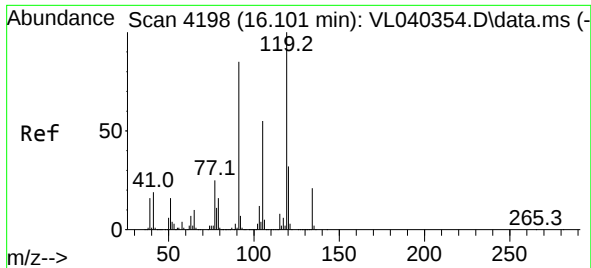
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#64
n-propylbenzene
Concen: 2.433 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. -0.007 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

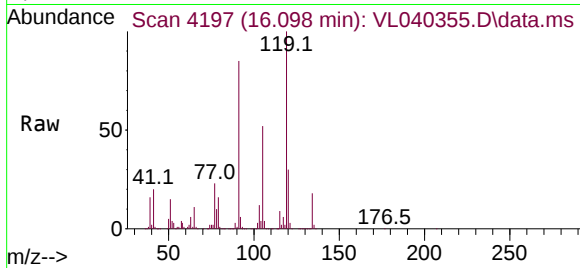
Tgt Ion:120 Resp: 225105
Ion Ratio Lower Upper
120 100
91 526.6 399.0 598.6





#65
tert-Butylbenzene
Concen: 2.558 ppbv
RT: 16.098 min Scan# 4198
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

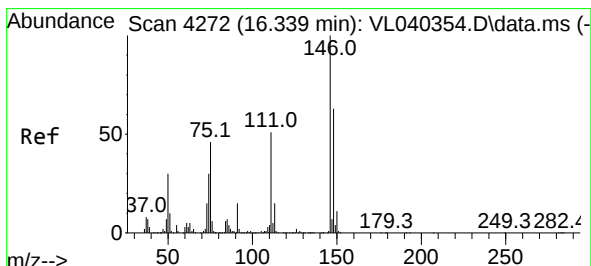
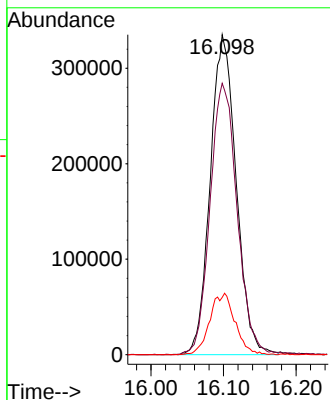
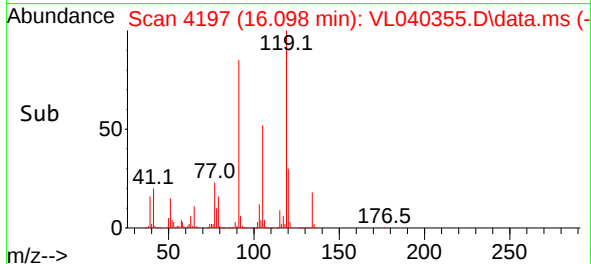
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



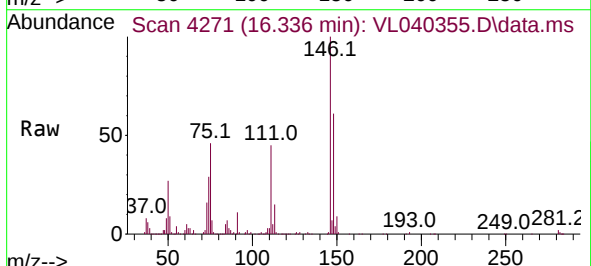
Tgt Ion: 119 Resp: 83359
Ion Ratio Lower Upper
119 100
91 88.8 69.4 104.2
134 18.8 15.8 23.6

Manual Integrations
APPROVED

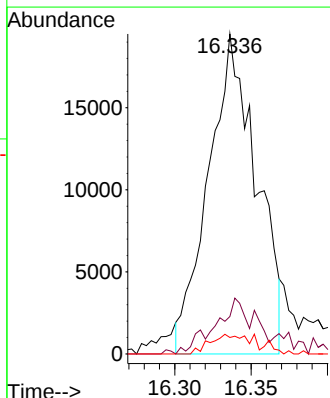
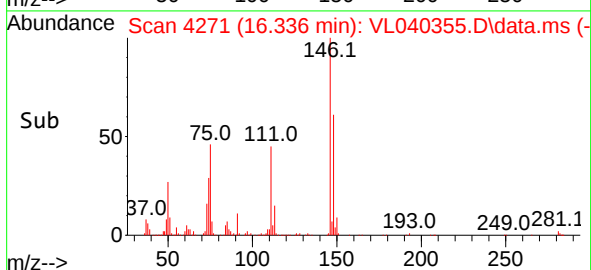
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

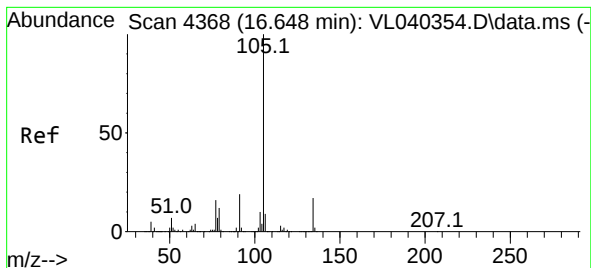


#66
Benzyl Chloride
Concen: 2.007 ppbv m
RT: 16.336 min Scan# 4271
Delta R.T. -0.007 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45



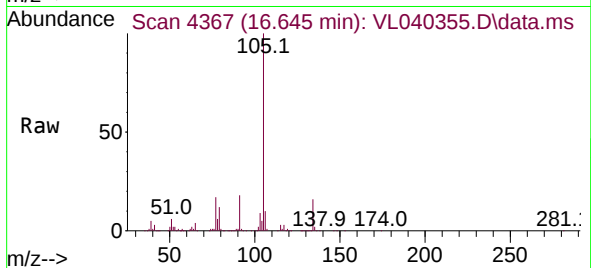
Tgt Ion: 91 Resp: 42502
Ion Ratio Lower Upper
91 100
126 17.2 12.1 18.1
128 6.1 3.8 5.6#





#67
 sec-Butylbenzene
 Concen: 2.572 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

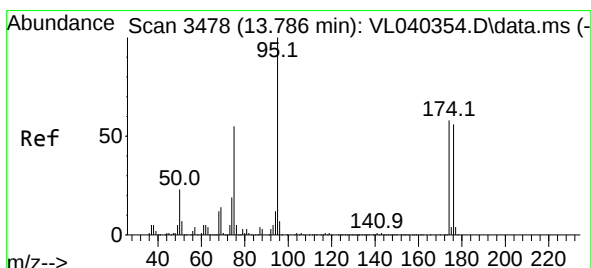
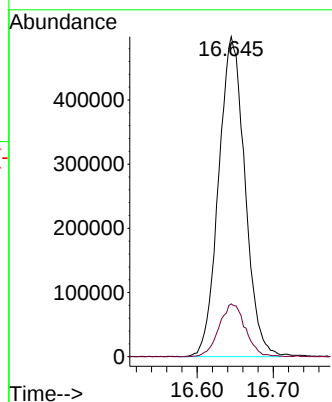
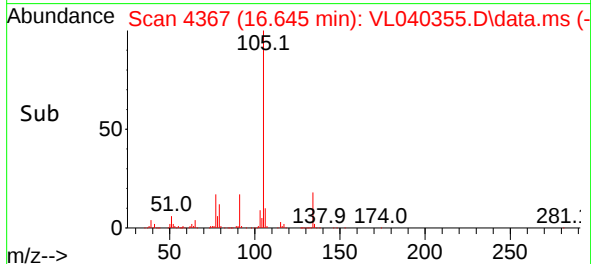
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion: 105 Resp: 119841
 Ion Ratio Lower Upper
 105 100
 134 16.6 14.0 21.0

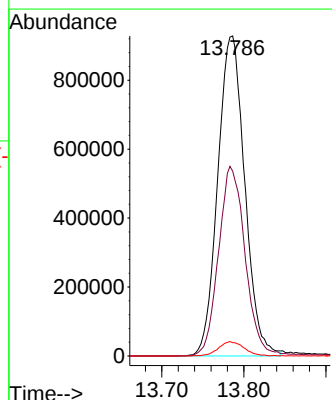
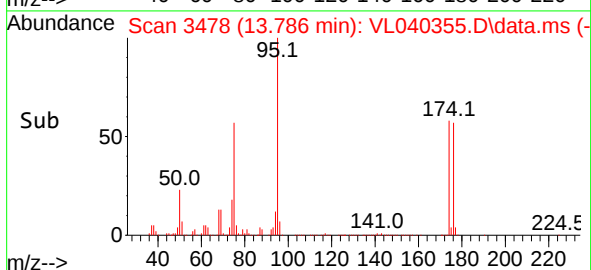
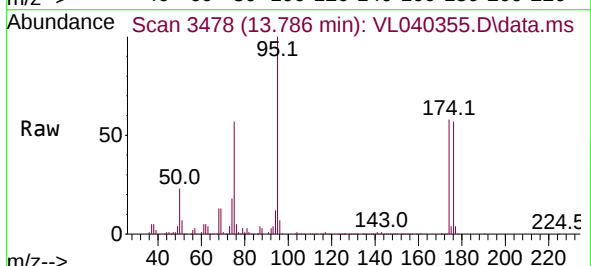
Manual Integrations
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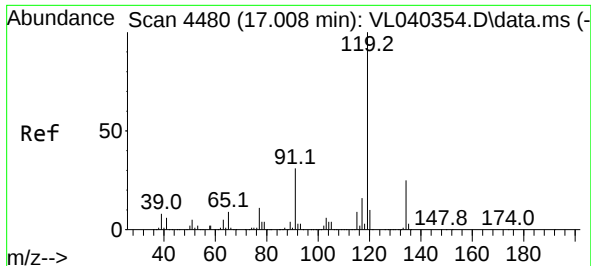
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.537 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.000 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

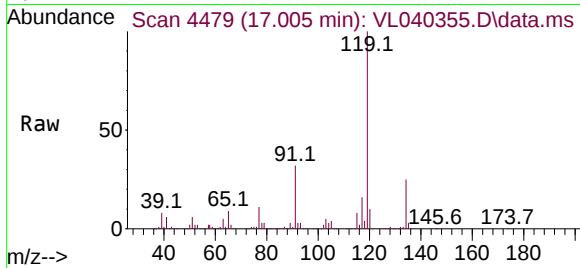
Tgt Ion: 95 Resp: 2126856
 Ion Ratio Lower Upper
 95 100
 174 58.5 47.0 70.6
 175 4.3 3.4 5.2





#69
p-Isopropyltoluene
Concen: 2.606 ppbv
RT: 17.005 min Scan# 4480
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

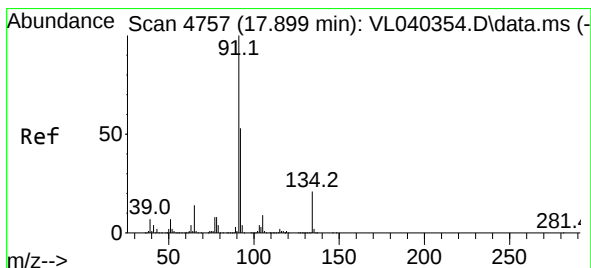
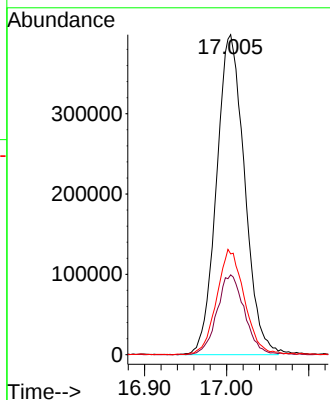
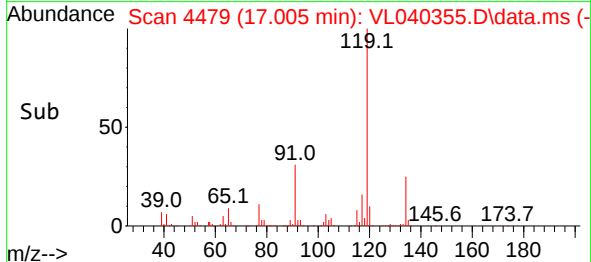
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



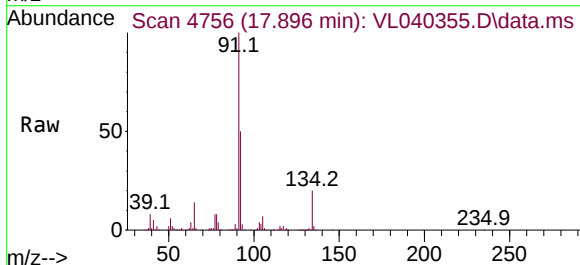
Tgt Ion: 119 Resp: 945818
Ion Ratio Lower Upper
119 100
134 24.6 20.2 30.2
91 32.6 25.1 37.7

Manual Integrations
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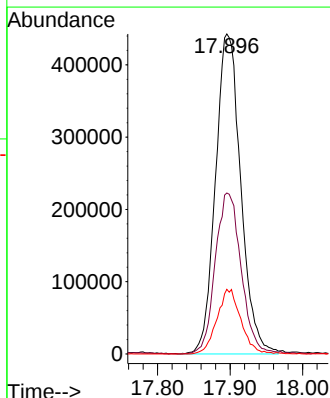
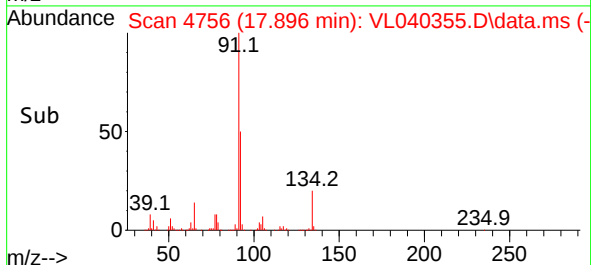
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

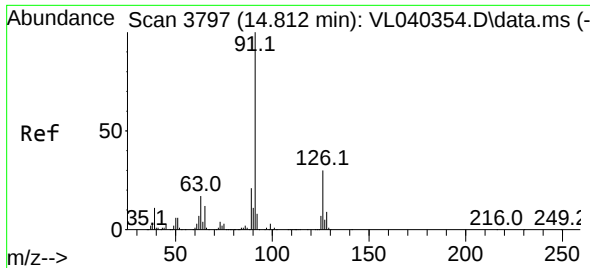


#70
n-Butylbenzene
Concen: 2.687 ppbv
RT: 17.896 min Scan# 4756
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45



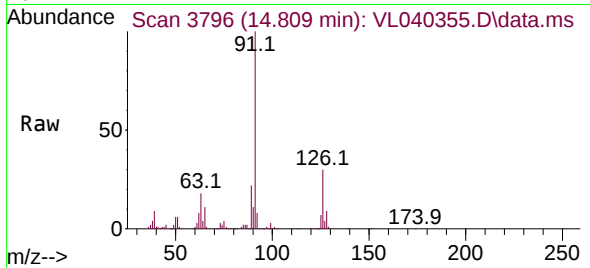
Tgt Ion: 91 Resp: 1074288
Ion Ratio Lower Upper
91 100
92 51.4 42.9 64.3
134 19.3 16.8 25.2





#71
2-Chlorotoluene
Concen: 2.471 ppbv
RT: 14.809 min Scan# 3117
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

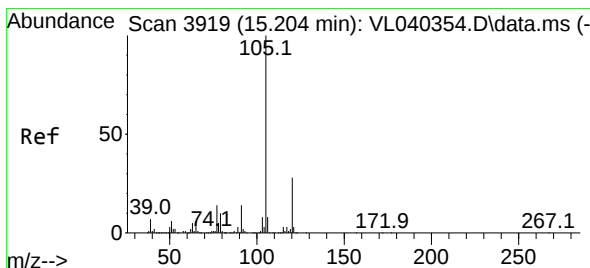
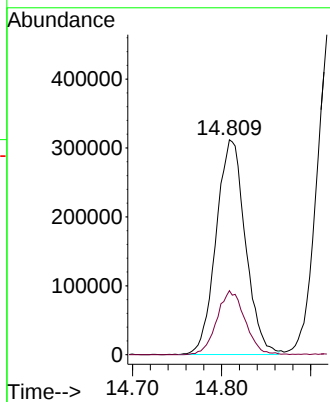
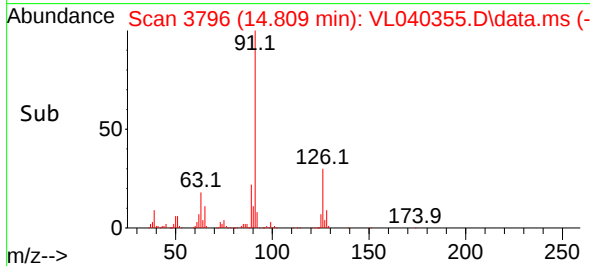
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



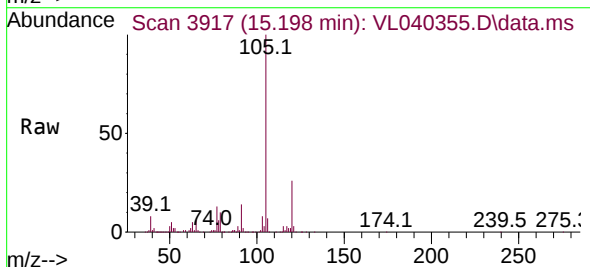
Tgt Ion: 91 Resp: 711070
Ion Ratio Lower Upper
91 100
126 28.6 11.8 47.4

Manual Integrations
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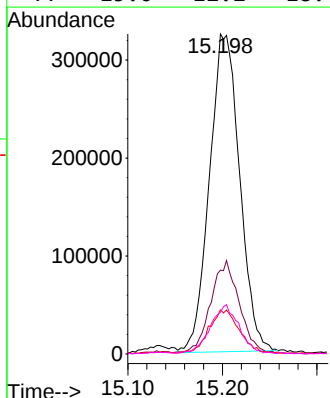
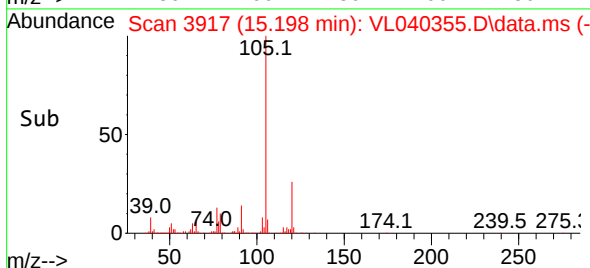
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

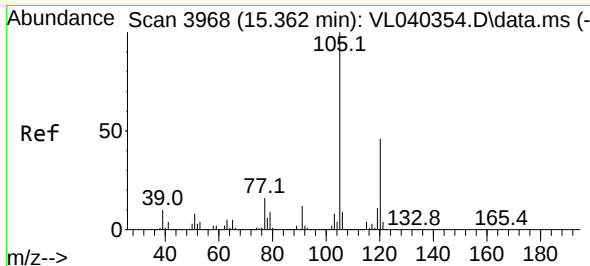


#72
4-Ethyltoluene
Concen: 2.483 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. -0.006 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45



Tgt Ion:105 Resp: 720822
Ion Ratio Lower Upper
105 100
120 29.0 23.7 35.5
91 14.4 11.6 17.4
77 15.0 12.2 18.4





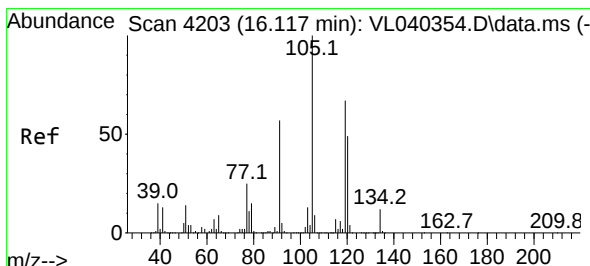
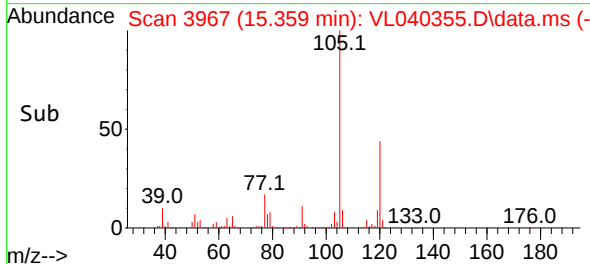
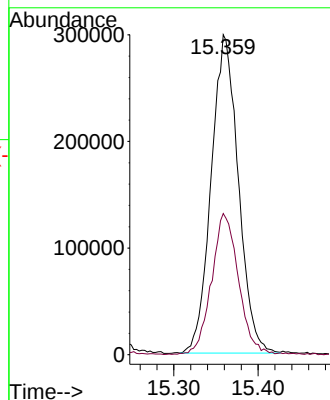
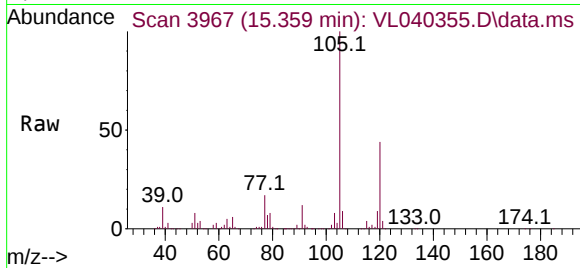
#73
1,3,5-Trimethylbenzene
Concen: 2.536 ppbv
RT: 15.359 min Scan# 3967
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:105 Resp: 66700
Ion Ratio Lower Upper
105 100
120 43.9 34.9 52.3

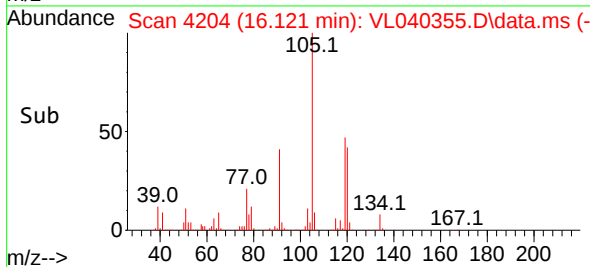
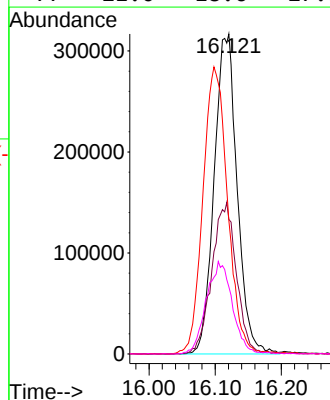
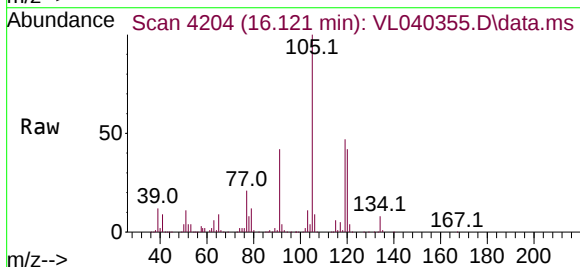
Manual Integrations
APPROVED

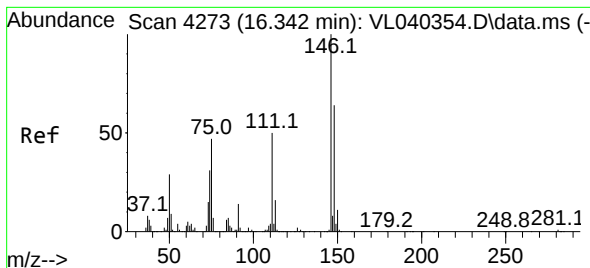
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#74
1,2,4-Trimethylbenzene
Concen: 2.552 ppbv m
RT: 16.121 min Scan# 4204
Delta R.T. -0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion:105 Resp: 765423
Ion Ratio Lower Upper
105 100
120 42.0 36.6 54.8
91 41.7 39.9 59.9
77 21.0 18.6 27.8





#75

1,3-Dichlorobenzene

Concen: 2.483 ppbv

RT: 16.343 min Scan# 4316

Delta R.T. -0.000 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion:146 Resp: 403300

Ion Ratio Lower Upper

146 100

111 50.1 24.3 73.0

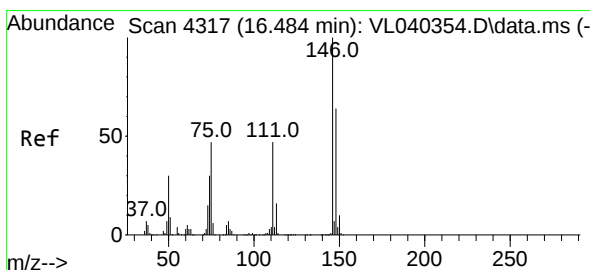
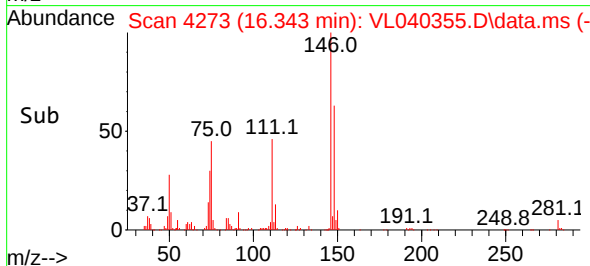
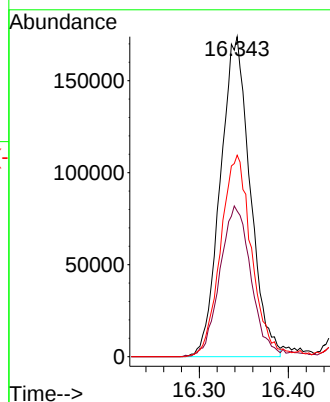
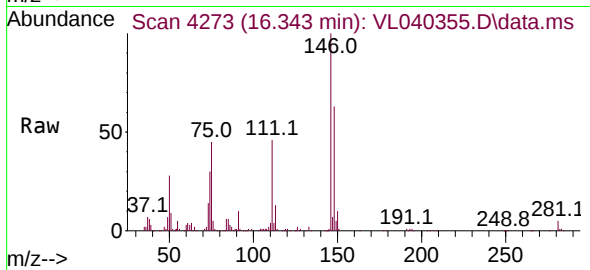
148 66.2 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#76

1,4-Dichlorobenzene

Concen: 2.584 ppbv

RT: 16.481 min Scan# 4316

Delta R.T. -0.003 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

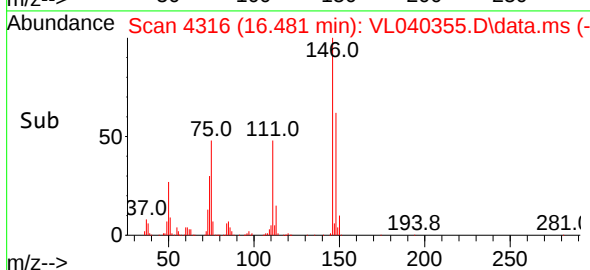
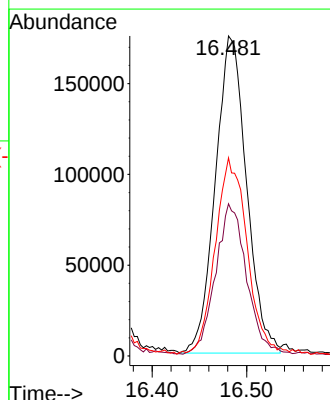
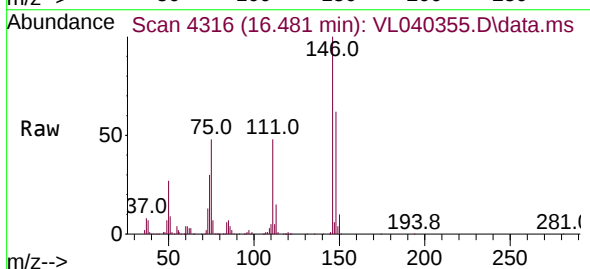
Tgt Ion:146 Resp: 400316

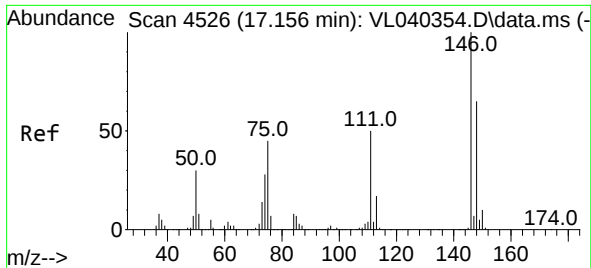
Ion Ratio Lower Upper

146 100

111 50.1 23.8 71.2

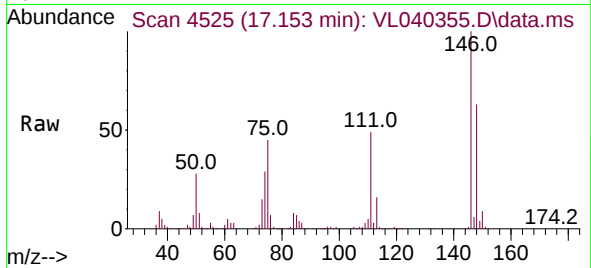
148 65.9 32.5 97.5





#77
1,2-Dichlorobenzene
Concen: 2.607 ppbv
RT: 17.153 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

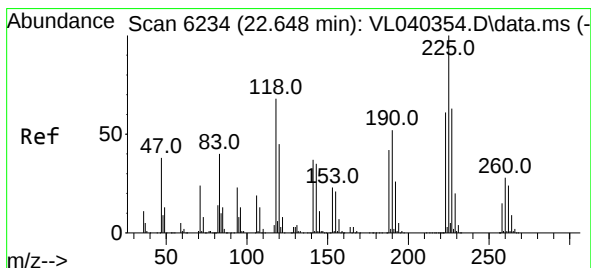
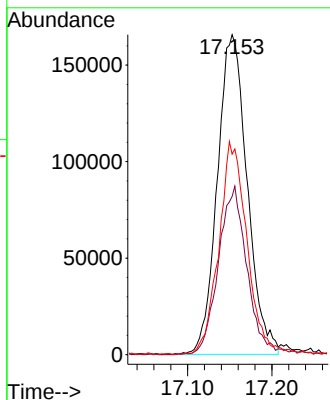
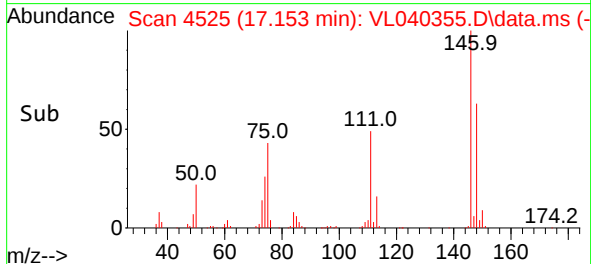
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



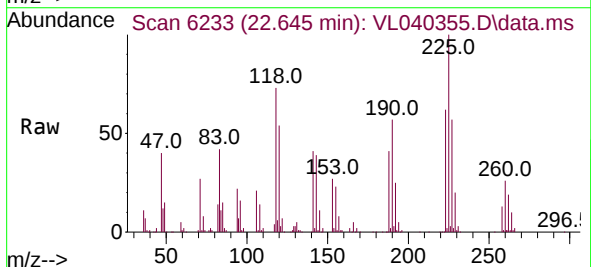
Tgt Ion:146 Resp: 40707
Ion Ratio Lower Upper
146 100
111 51.2 25.2 75.6
148 64.0 32.1 96.3

Manual Integrations
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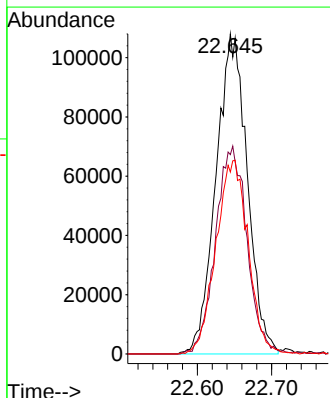
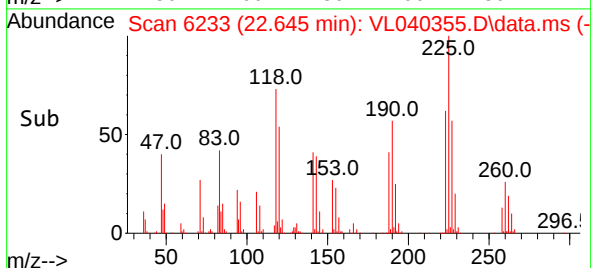
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

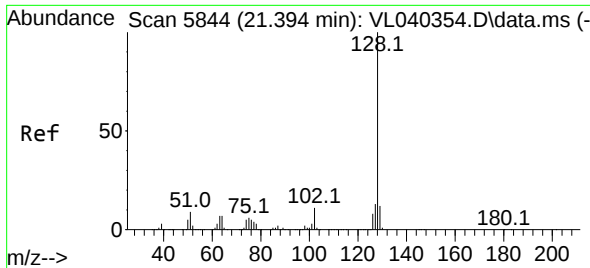


#78
Hexachloro-1,3-Butadiene
Concen: 2.765 ppbv
RT: 22.645 min Scan# 6233
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45



Tgt Ion:225 Resp: 316609
Ion Ratio Lower Upper
225 100
223 65.1 51.0 76.6
227 62.2 51.4 77.2





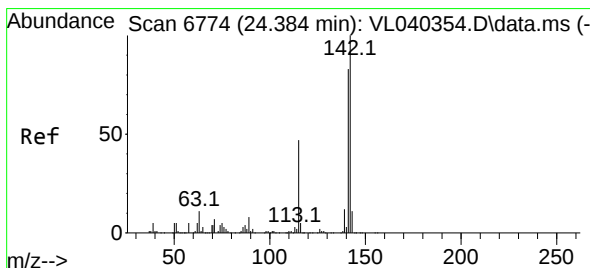
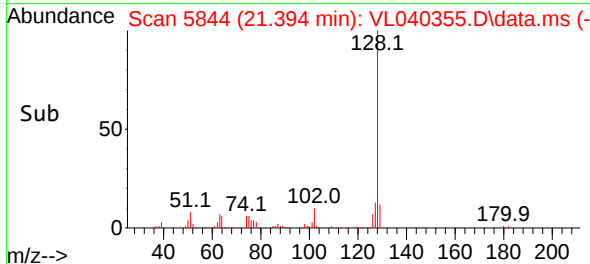
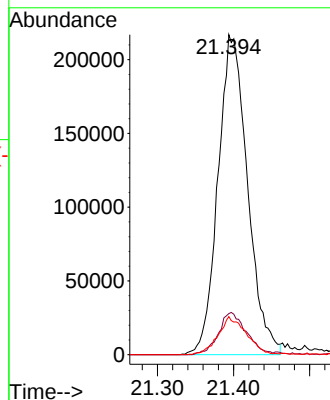
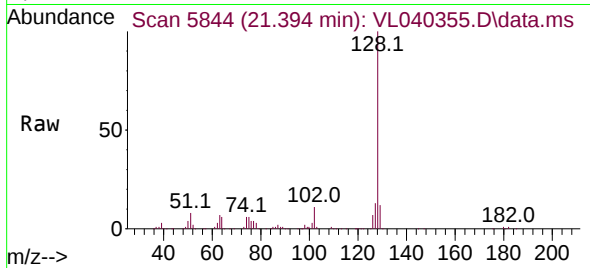
#79
Naphthalene
Concen: 3.300 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 58539
Ion Ratio Lower Upper
128 100
127 12.9 9.6 14.4
129 11.9 8.6 13.0

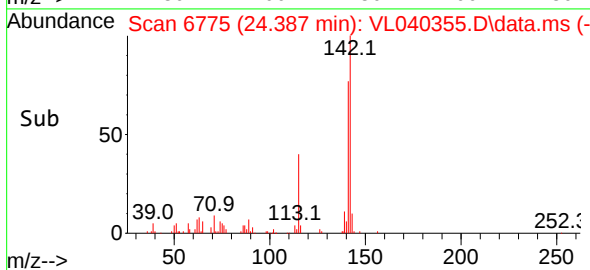
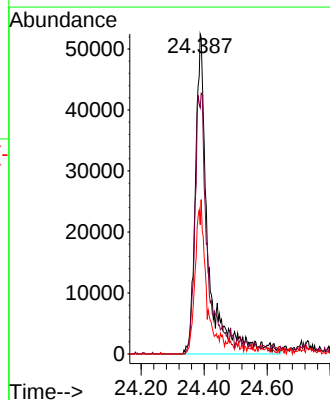
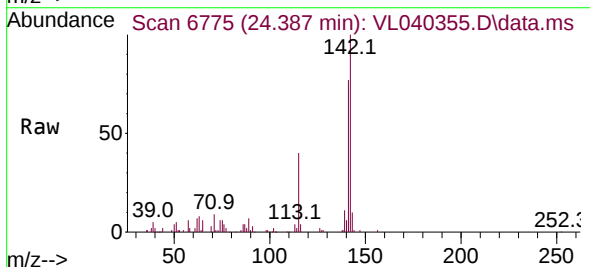
Manual Integrations
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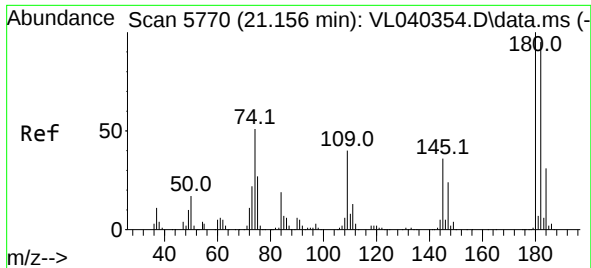
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#80
Naphthalene,2-methyl-
Concen: 3.333 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion:142 Resp: 149742
Ion Ratio Lower Upper
142 100
141 79.0 65.5 98.3
115 45.0 33.5 50.3





#81

1,2,4-Trichlorobenzene

Concen: 2.905 ppbv m

RT: 21.156 min Scan# 51

Delta R.T. -0.000 min

Lab File: VL040355.D

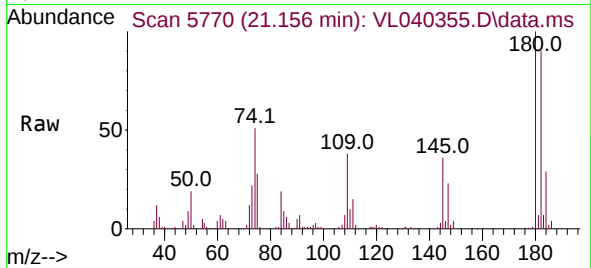
Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002



Tgt Ion:180 Resp: 31743

Ion Ratio Lower Upper

180 100

182 0.0 76.1 114.1

184 0.0 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023

