

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040356.D
 Acq On : 13 Apr 2023 11:23
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Quant Time: Apr 13 12:15:57 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	5.188	49	1064990	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2707910	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2490567	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2044658	9.803	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.719	85	218456	1.045	ppbv	99
3) Chlorodifluoromethane	2.664	51	152096	1.136	ppbv	100
4) Chloromethane	2.799	50	95059	1.150	ppbv	99
5) Vinyl Chloride	2.909	62	74742	1.116	ppbv	94
6) Bromomethane	3.108	94	26856	1.157	ppbv	89
7) Chloroethane	3.185	64	29016	1.129	ppbv	94
8) Dichlorotetrafluoroethane	2.844	85	201314	1.126	ppbv	97
9) Propene	2.684	41	59544	1.161	ppbv	96
10) Heptane	7.584	43	126625	1.026	ppbv	98
11) Trichlorofluoromethane	3.555	101	203415	1.074	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.060	101	146080	1.027	ppbv	97
13) Ethanol	3.243	45	5265m	1.399	ppbv	
14) Bromoethene	3.356	108	57610	1.086	ppbv	97
15) Acetone	3.465	43	172168	1.328	ppbv	95
16) 1,3-Butadiene	2.973	39	68471m	1.162	ppbv	
17) tert-Butyl alcohol	3.873	59	150090	1.218	ppbv	100
18) 1,1-Dichloroethene	3.870	96	61505	1.008	ppbv	99
19) Isopropyl Alcohol	3.578	45	66854	1.076	ppbv #	86
20) Methylene Chloride	3.925	84	69100	1.267	ppbv	99
21) Allyl Chloride	3.989	41	86241	1.027	ppbv	93
22) trans-1,2-Dichloroethene	4.439	96	64286	1.036	ppbv	90
23) Vinyl Acetate	4.619	43	42091m	1.167	ppbv	
24) 1,1-Dichloroethane	4.558	63	135920	1.056	ppbv	100
25) Ethyl Acetate	5.205	43	273618	1.127	ppbv	99
26) Hexane	5.208	57	111104	1.115	ppbv	93
27) Carbon Disulfide	4.118	76	130483	0.938	ppbv	94
28) Methyl tert-Butyl Ether	4.587	73	117727	1.029	ppbv	99
29) Chloroform	5.269	83	200514	1.140	ppbv	96
30) Cyclohexane	6.600	84	81470	1.038	ppbv	95
31) cis-1,2-Dichloroethene	5.076	61	107830	1.111	ppbv	99
32) 1,1,1-Trichloroethane	5.999	97	194071	1.151	ppbv	100
34) 2-Butanone	4.787	43	151994	1.137	ppbv	96
35) Carbon Tetrachloride	6.494	117	192185	1.131	ppbv	98
36) Benzene	6.368	78	231282	1.121	ppbv	97
37) 1,2-Dichloroethane	5.803	62	149332	1.112	ppbv	98
38) Trichloroethene	7.291	130	129416	1.148	ppbv	95
39) 1,2-Dichloropropane	7.076	63	88332	1.091	ppbv	94
40) 1,4-Dioxane	7.304	88	36402m	1.136	ppbv	
41) Tetrahydrofuran	5.568	42	82568m	1.070	ppbv	
42) Bromodichloromethane	7.249	83	204011	1.111	ppbv	98
43) Methyl Methacrylate	7.478	69	77841	1.015	ppbv	96
44) 2,2,4-Trimethylpentane	7.330	57	382791	1.113	ppbv	97
45) t-1,3-Dichloropropene	8.719	75	61106	0.914	ppbv	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040356.D
 Acq On : 13 Apr 2023 11:23
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

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

Quant Time: Apr 13 12:15:57 2023

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

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

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	89898	0.947	ppbv	98
47) 1,1,2-Trichloroethane	8.899	97	96964m	1.122	ppbv	
48) Dibromochloromethane	9.716	129	146070	1.027	ppbv	98
49) Bromoform	12.416	173	107403	1.006	ppbv	99
50) 4-Methyl-2-Pentanone	8.195	43	215329	1.041	ppbv	99
51) 2-Hexanone	9.568	43	153287	0.957	ppbv #	97
52) Tetrachloroethene	10.619	164	73091	1.171	ppbv	93
53) Toluene	9.224	91	227600	1.052	ppbv	98
54) 1,2-Dibromoethane	10.015	107	98581m	1.109	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.516	131	119834	1.144	ppbv #	1
57) Chlorobenzene	11.535	112	207137m	1.169	ppbv	
58) Ethyl Benzene	12.098	91	311016	1.097	ppbv	96
59) m/p-Xylene	12.378	91	587524m	2.262	ppbv	
60) o-Xylene	13.066	91	281104	1.132	ppbv	99
61) Styrene	12.905	104	123488	0.980	ppbv	99
62) Isopropylbenzene	14.037	105	408940	1.156	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.053	83	105117m	1.203	ppbv	
64) n-propylbenzene	14.924	120	96929	1.120	ppbv	83
65) tert-Butylbenzene	16.095	119	363951m	1.194	ppbv	
66) Benzyl Chloride	16.346	91	19047m	0.962	ppbv	
67) sec-Butylbenzene	16.645	105	517456	1.187	ppbv	98
69) p-Isopropyltoluene	17.008	119	405281	1.194	ppbv	97
70) n-Butylbenzene	17.899	91	445793	1.192	ppbv	98
71) 2-Chlorotoluene	14.809	91	310391	1.153	ppbv	99
72) 4-Ethyltoluene	15.204	105	302534	1.114	ppbv	98
73) 1,3,5-Trimethylbenzene	15.362	105	278100	1.131	ppbv	99
74) 1,2,4-Trimethylbenzene	16.114	105	332620	1.186	ppbv #	86
75) 1,3-Dichlorobenzene	16.342	146	177845	1.171	ppbv	96
76) 1,4-Dichlorobenzene	16.484	146	170421	1.176	ppbv	96
77) 1,2-Dichlorobenzene	17.153	146	178156	1.220	ppbv	98
78) Hexachloro-1,3-Butadiene	22.651	225	147034m	1.373	ppbv	
79) Naphthalene	21.400	128	215475	1.299	ppbv	99
80) Naphthalene,2-methyl-	24.393	142	42162	1.003	ppbv	93
81) 1,2,4-Trichlorobenzene	21.149	180	125893m	1.232	ppbv	

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

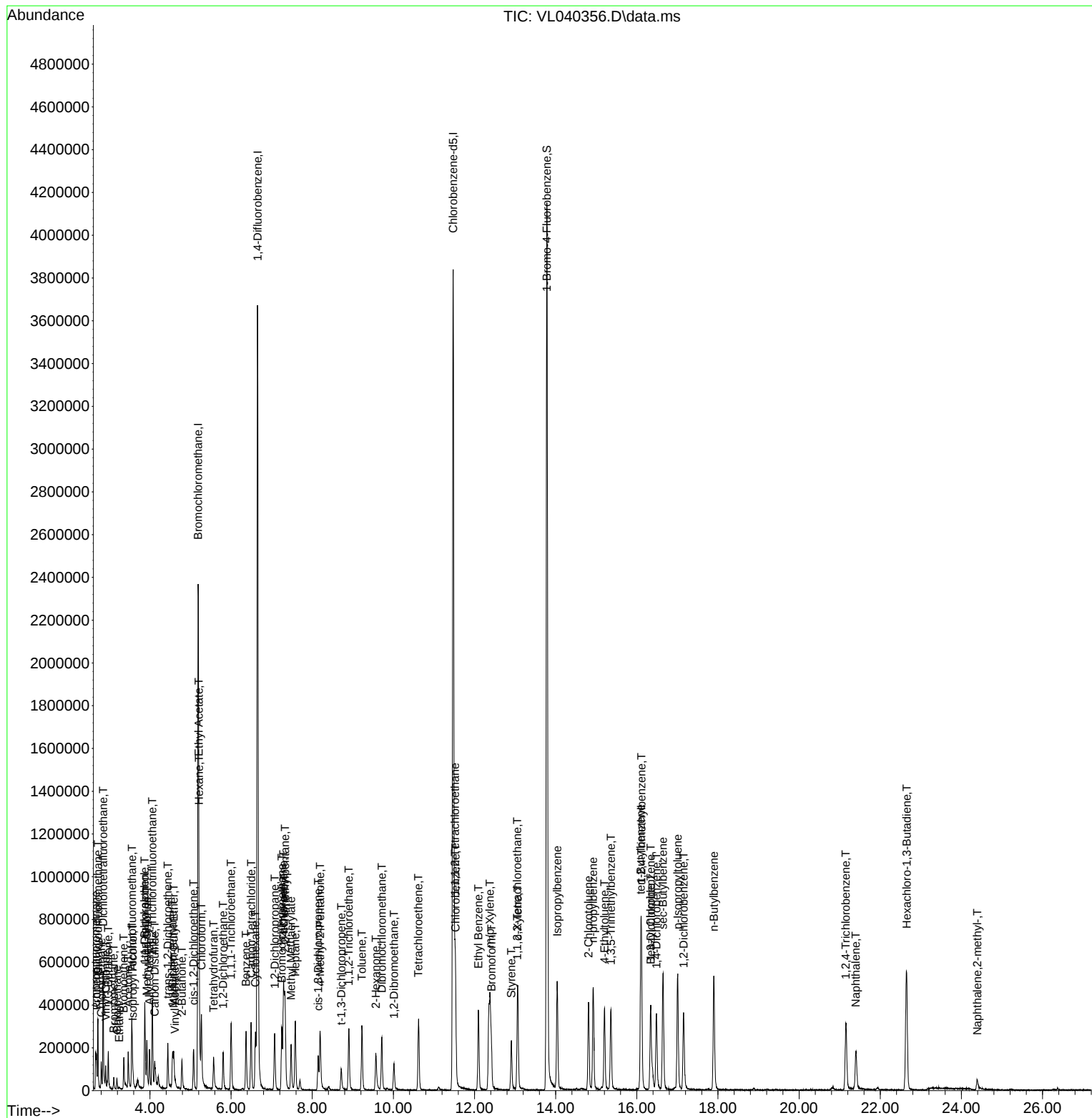
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
Data File : VL040356.D
Acq On : 13 Apr 2023 11:23
Operator : SY/MD
Sample : VSTDIC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

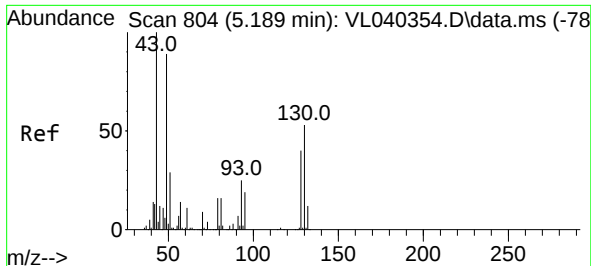
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

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

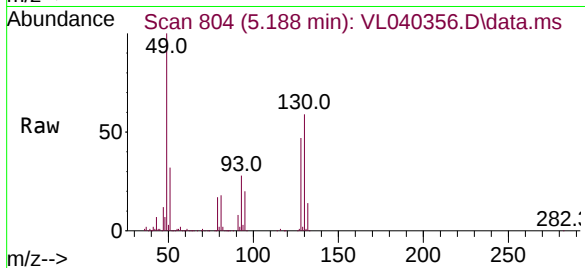
Quant Time: Apr 13 12:15:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Apr 11 04:15:53 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 804
Delta R.T. -0.001 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

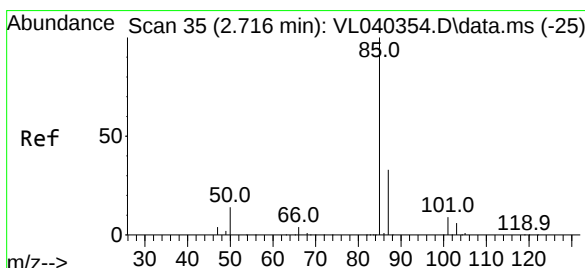
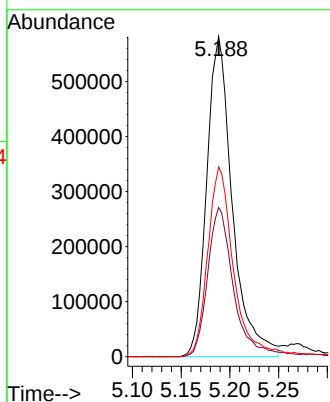
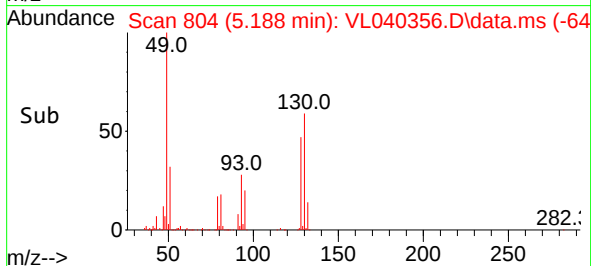
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



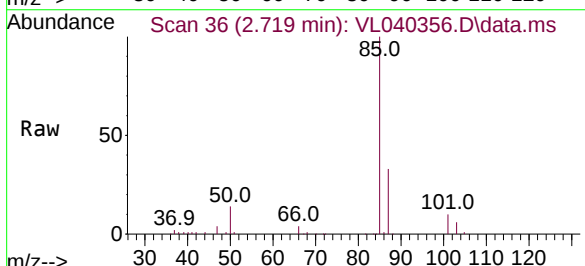
Tgt Ion: 49 Resp: 1064990
Ion Ratio Lower Upper
49 100
128 48.3 22.4 67.3
130 61.3 28.7 86.1

Manual Integrations
APPROVED

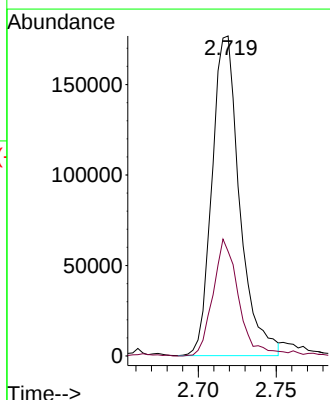
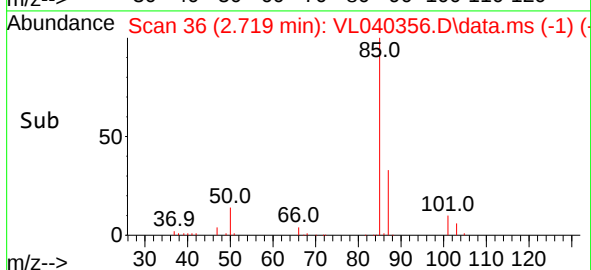
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

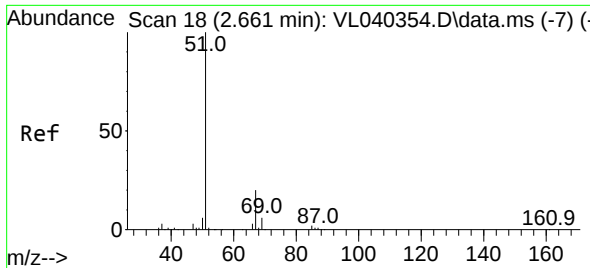


#2
Dichlorodifluoromethane
Concen: 1.045 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.000 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23



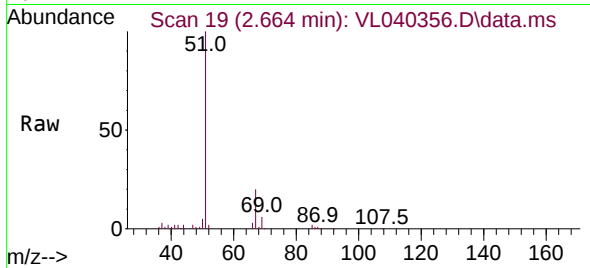
Tgt Ion: 85 Resp: 218456
Ion Ratio Lower Upper
85 100
87 32.7 25.5 38.3





#3
Chlorodifluoromethane
Concen: 1.136 ppbv
RT: 2.664 min Scan# 18
Delta R.T. -0.001 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

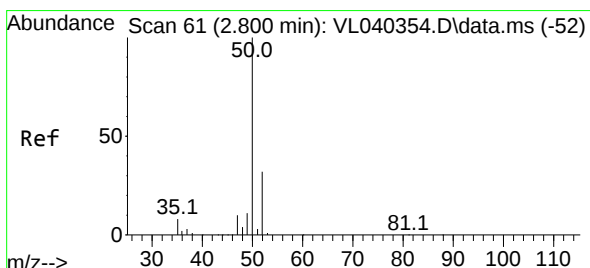
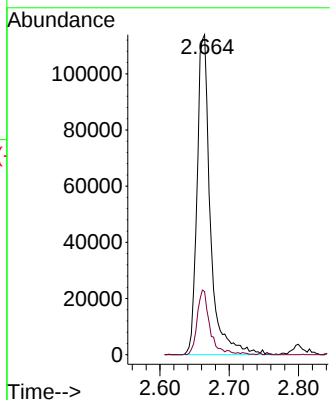
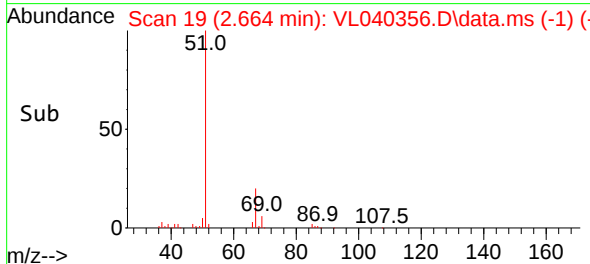
Instrument : MSVOA_L
ClientSampleId : VSTDIC001



Tgt Ion: 51 Resp: 152090
Ion Ratio Lower Upper
51 100
67 19.8 16.0 24.0

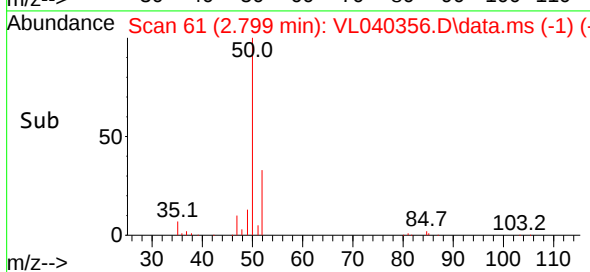
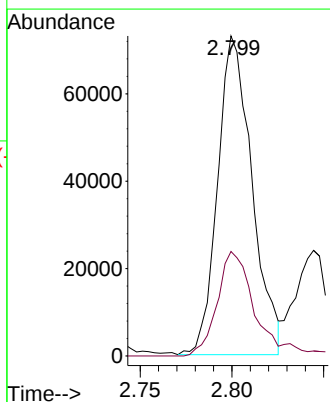
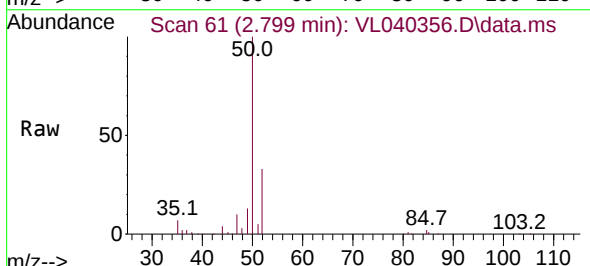
Manual Integrations
APPROVED

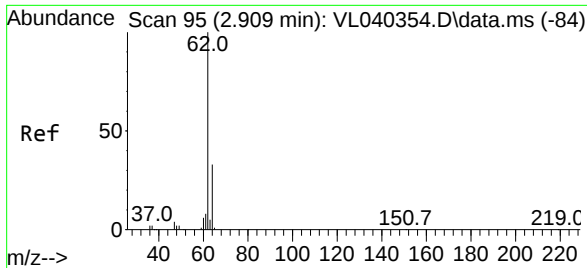
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#4
Chloromethane
Concen: 1.150 ppbv
RT: 2.799 min Scan# 61
Delta R.T. -0.004 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

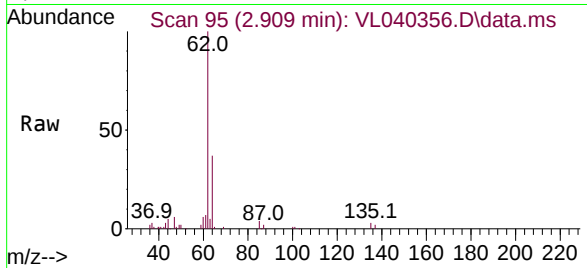
Tgt Ion: 50 Resp: 95059
Ion Ratio Lower Upper
50 100
52 32.8 25.9 38.9





#5
 Vinyl Chloride
 Concen: 1.116 ppbv
 RT: 2.909 min Scan# 95
 Delta R.T. -0.003 min
 Lab File: VL040356.D
 Acq: 13 Apr 2023 11:23

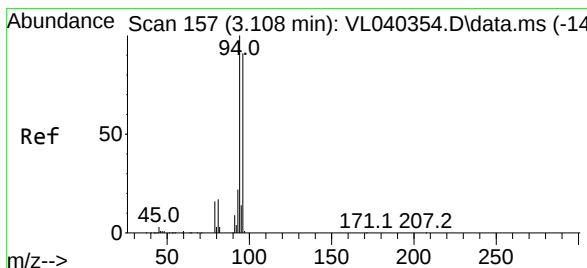
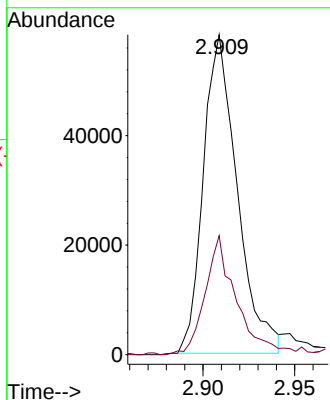
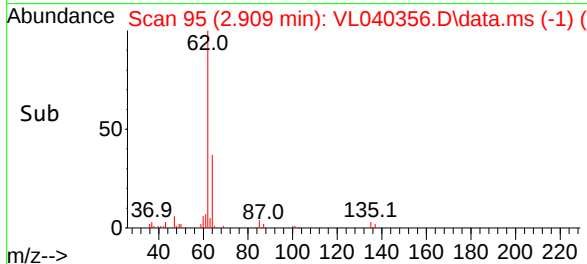
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 62 Resp: 7474
 Ion Ratio Lower Upper
 62 100
 64 36.2 26.4 39.6

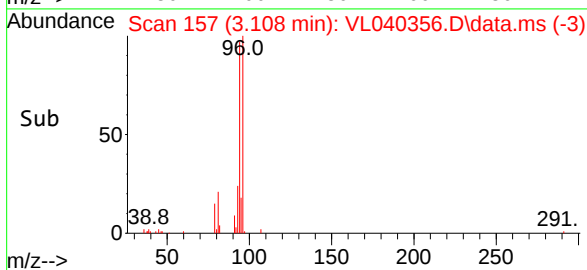
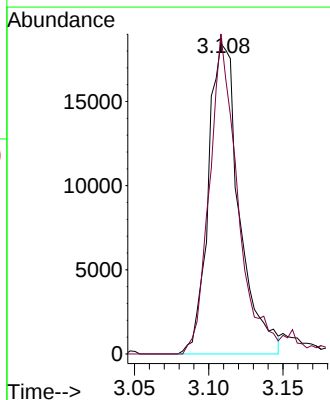
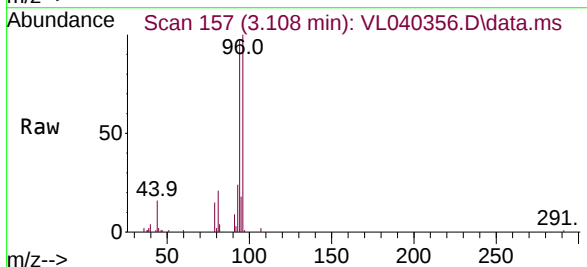
Manual Integrations
 APPROVED

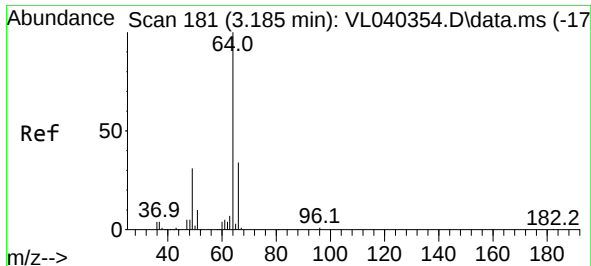
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#6
 Bromomethane
 Concen: 1.157 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.004 min
 Lab File: VL040356.D
 Acq: 13 Apr 2023 11:23

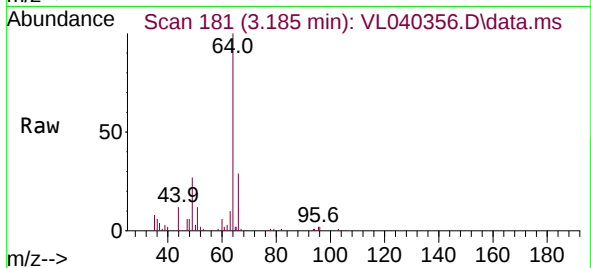
Tgt Ion: 94 Resp: 26856
 Ion Ratio Lower Upper
 94 100
 96 103.0 73.7 110.5





#7
Chloroethane
Concen: 1.129 ppbv
RT: 3.185 min Scan# 11
Delta R.T. -0.004 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

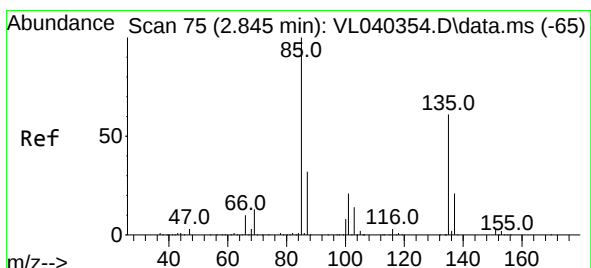
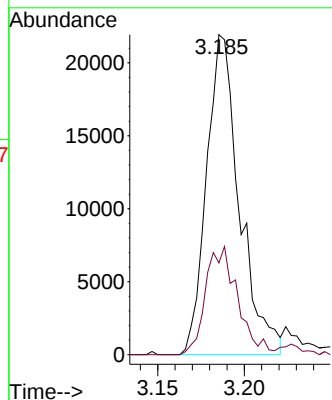
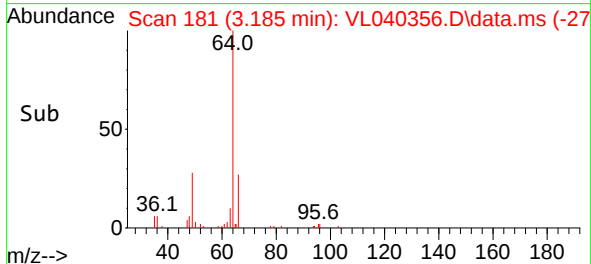
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 64 Resp: 29010
Ion Ratio Lower Upper
64 100
66 28.7 25.5 38.3

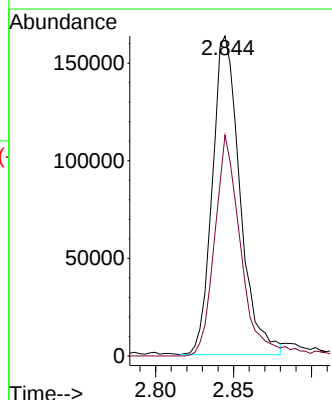
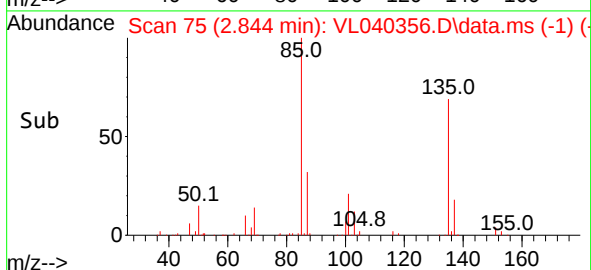
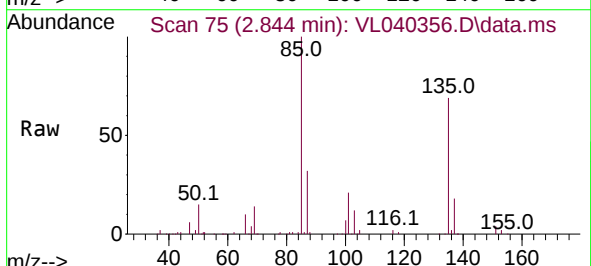
Manual Integrations
APPROVED

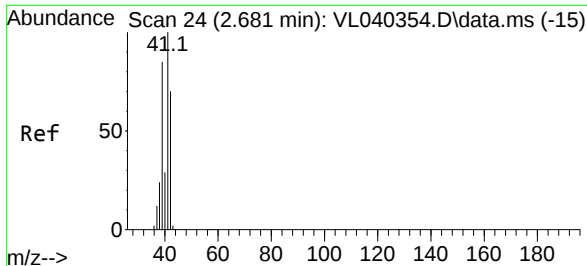
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#8
Dichlorotetrafluoroethane
Concen: 1.126 ppbv
RT: 2.844 min Scan# 75
Delta R.T. -0.004 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

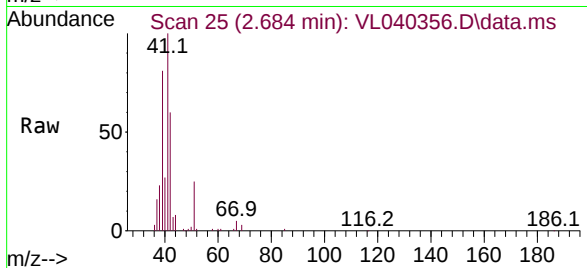
Tgt Ion: 85 Resp: 201314
Ion Ratio Lower Upper
85 100
135 67.4 52.0 78.0





#9
 Propene
 Concen: 1.161 ppbv
 RT: 2.684 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VL040356.D
 Acq: 13 Apr 2023 11:23

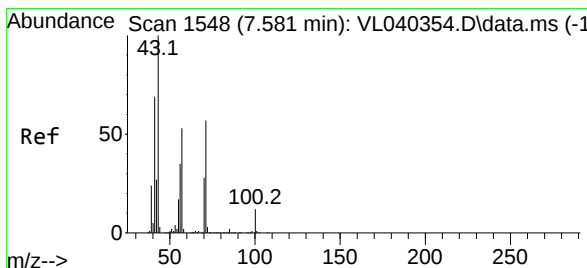
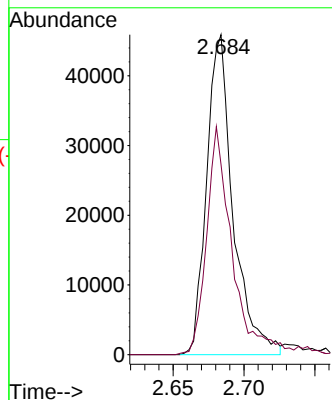
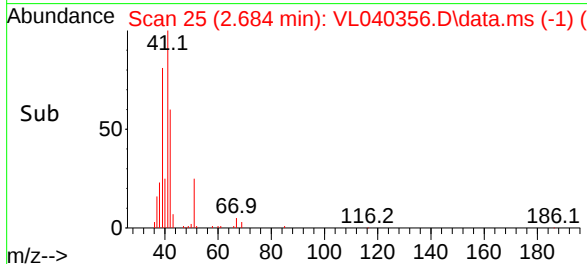
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 41 Resp: 59544
 Ion Ratio Lower Upper
 41 100
 42 70.2 59.0 88.4

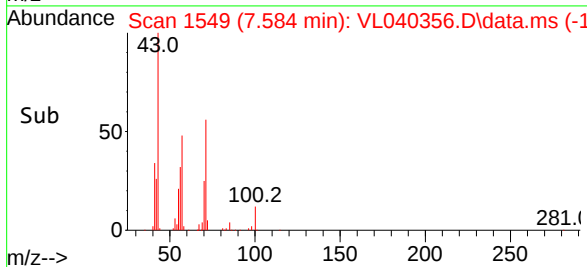
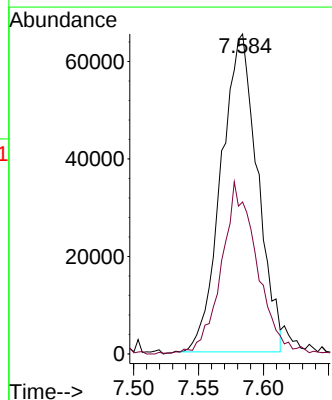
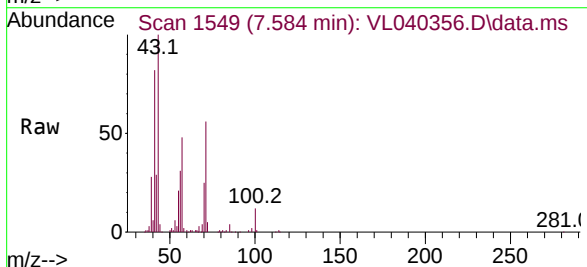
Manual Integrations
 APPROVED

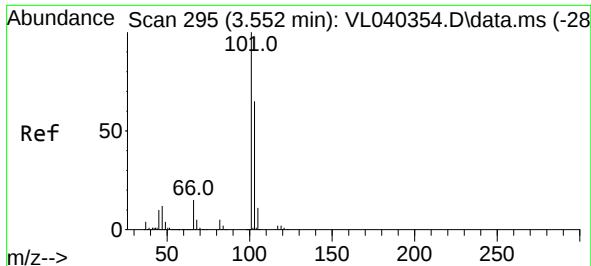
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#10
 Heptane
 Concen: 1.026 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. 0.003 min
 Lab File: VL040356.D
 Acq: 13 Apr 2023 11:23

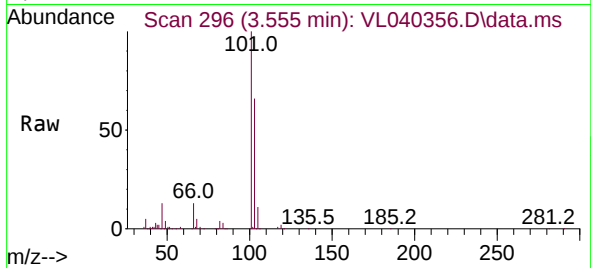
Tgt Ion: 43 Resp: 126625
 Ion Ratio Lower Upper
 43 100
 57 53.5 41.7 62.5





#11
Trichlorofluoromethane
Concen: 1.074 ppbv
RT: 3.555 min Scan# 295
Delta R.T. 0.000 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

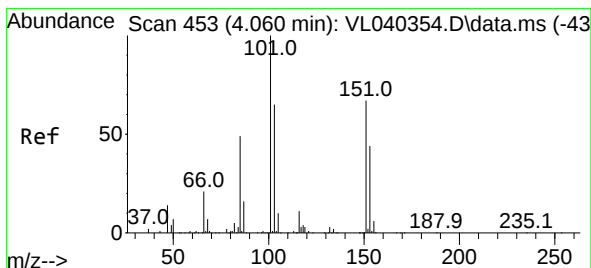
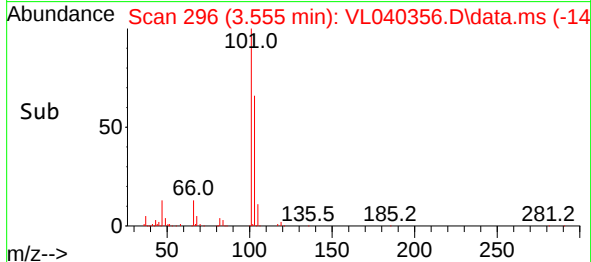
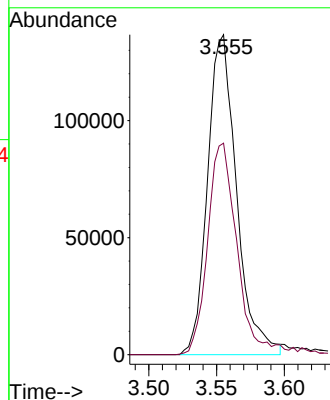
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:101 Resp: 20341
Ion Ratio Lower Upper
101 100
103 65.9 53.1 79.7

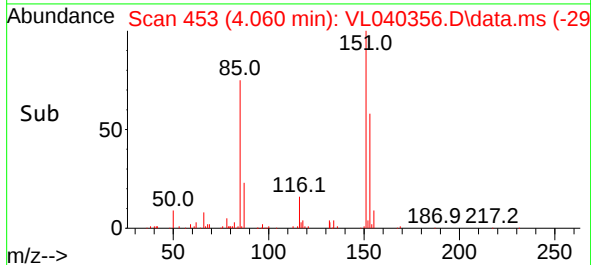
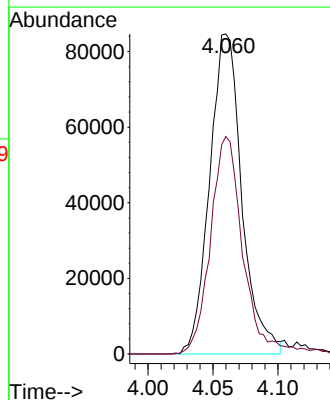
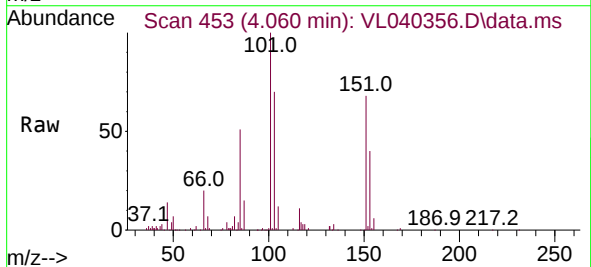
Manual Integrations
APPROVED

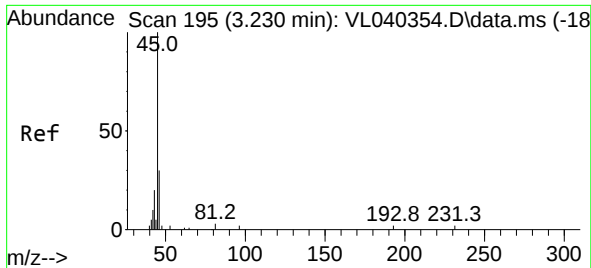
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.027 ppbv
RT: 4.060 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

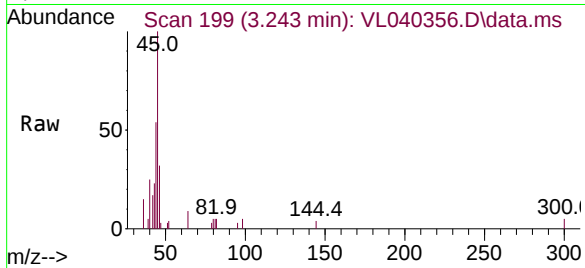
Tgt Ion:101 Resp: 146080
Ion Ratio Lower Upper
101 100
151 69.0 53.2 79.8





#13
Ethanol
Concen: 1.399 ppbv m
RT: 3.243 min Scan# 195
Delta R.T. 0.006 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

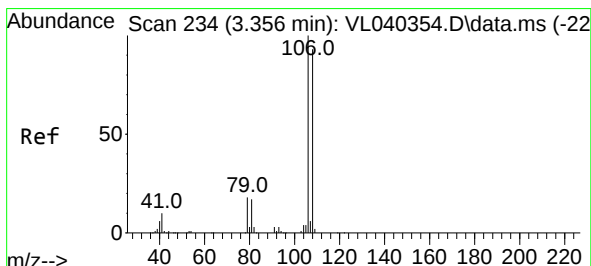
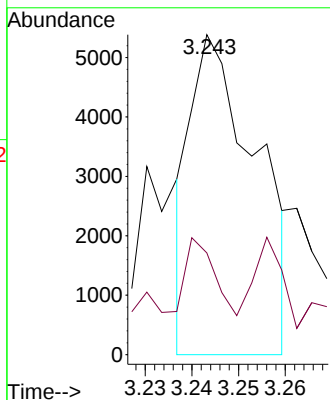
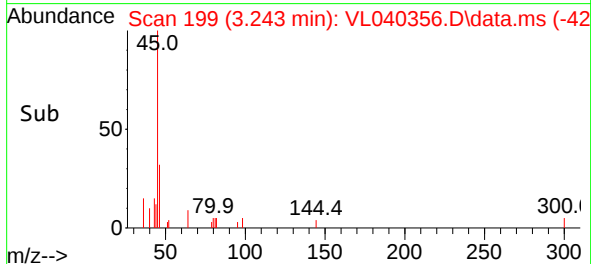
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



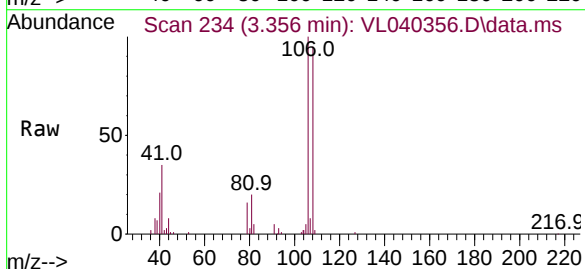
Tgt Ion: 45 Resp: 526
Ion Ratio Lower Upper
45 100
46 0.0 15.0 60.2

Manual Integrations
APPROVED

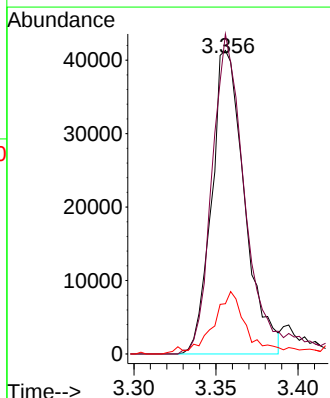
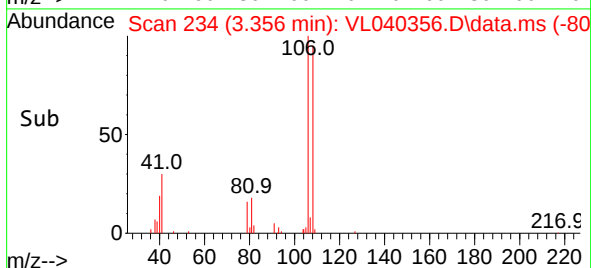
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

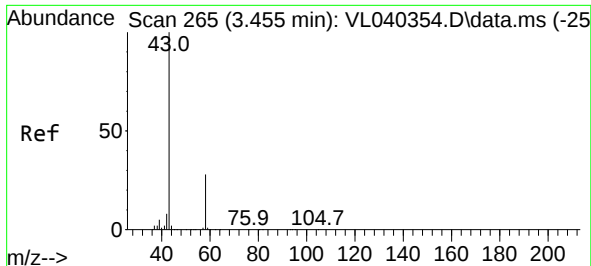


#14
Bromoethene
Concen: 1.086 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.003 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23



Tgt Ion:108 Resp: 57610
Ion Ratio Lower Upper
108 100
106 109.7 85.8 128.8
79 21.7 15.8 23.6





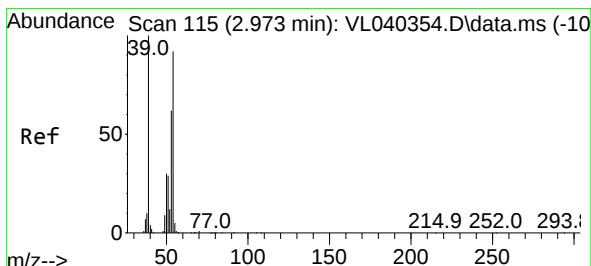
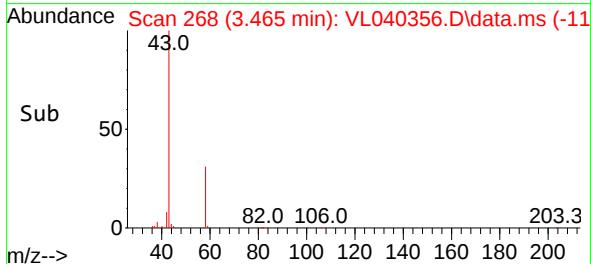
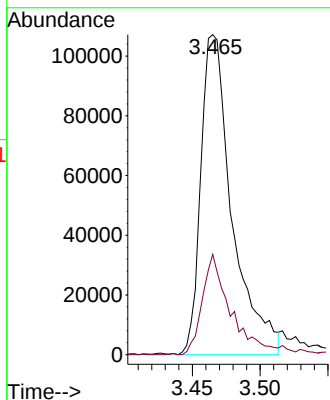
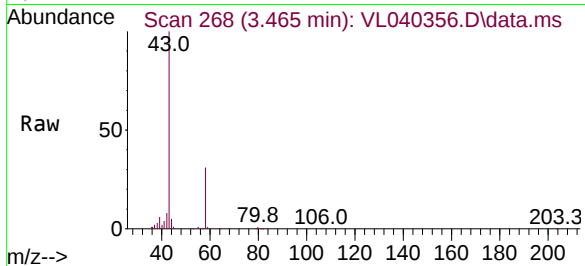
#15
Acetone
Concen: 1.328 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 17216
Ion Ratio Lower Upper
43 100
58 29.9 21.8 32.8

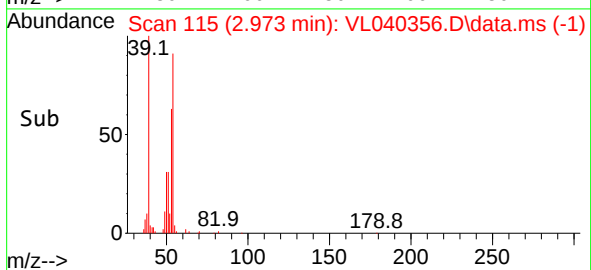
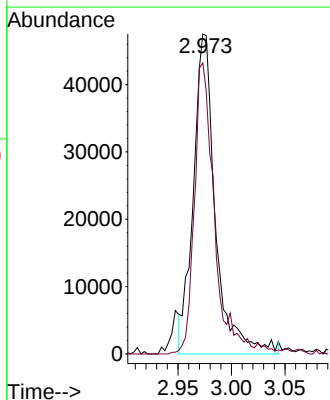
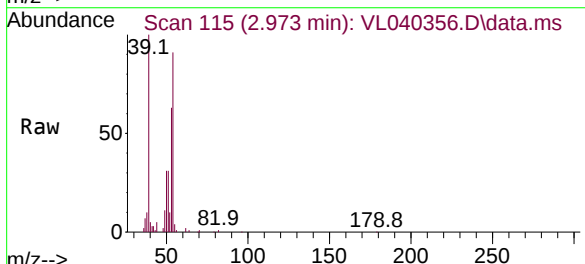
Manual Integrations
APPROVED

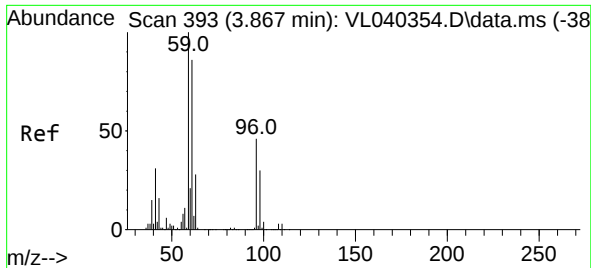
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#16
1,3-Butadiene
Concen: 1.162 ppbv m
RT: 2.973 min Scan# 115
Delta R.T. -0.003 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

Tgt Ion: 39 Resp: 68471
Ion Ratio Lower Upper
39 100
54 84.8 68.4 102.6





#17

tert-Butyl alcohol

Concen: 1.218 ppbv

RT: 3.873 min Scan# 393

Delta R.T. 0.003 min

Lab File: VL040356.D

Acq: 13 Apr 2023 11:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 59 Resp: 150090

Ion Ratio Lower Upper

59 100

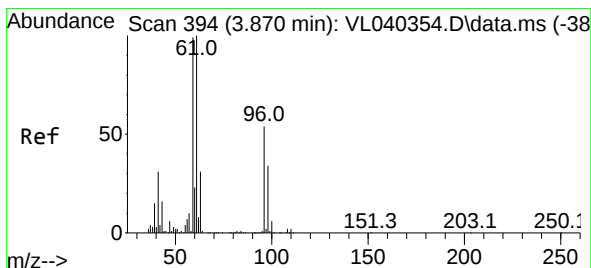
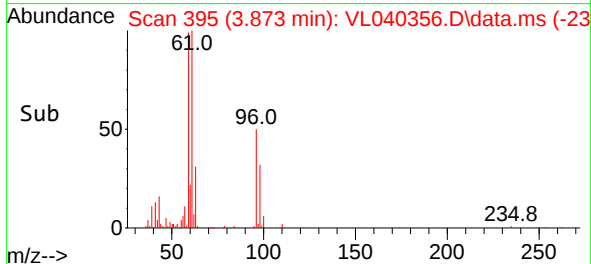
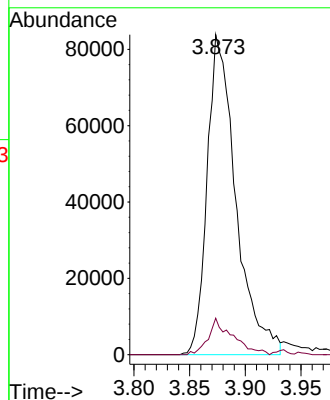
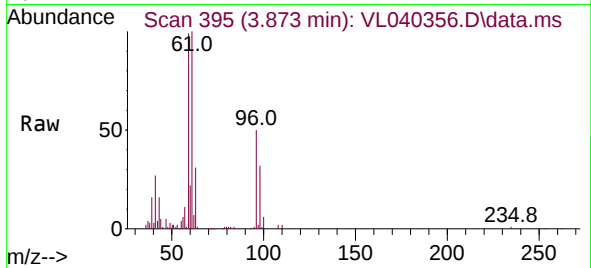
57 10.6 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#18

1,1-Dichloroethene

Concen: 1.008 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.007 min

Lab File: VL040356.D

Acq: 13 Apr 2023 11:23

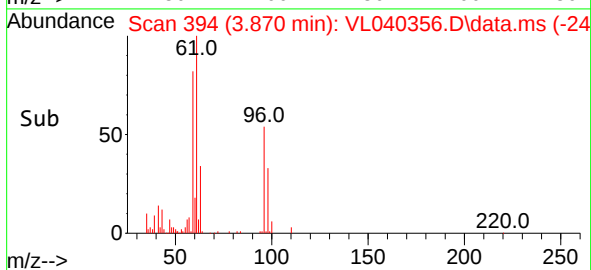
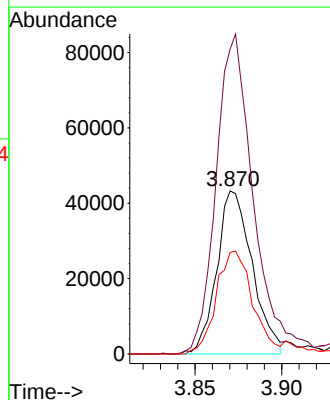
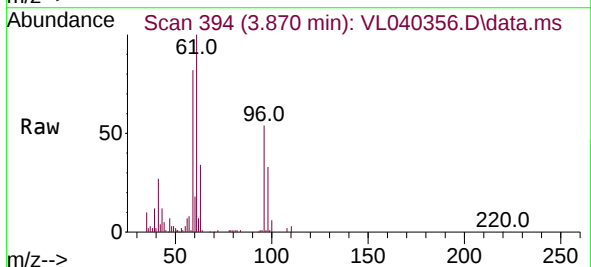
Tgt Ion: 96 Resp: 61505

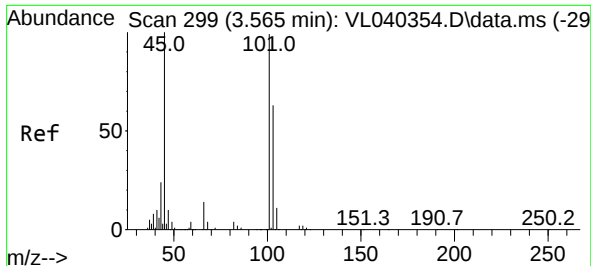
Ion Ratio Lower Upper

96 100

61 186.4 150.6 226.0

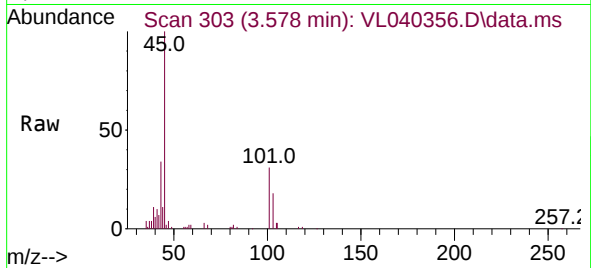
98 62.4 50.3 75.5





#19
Isopropyl Alcohol
Concen: 1.076 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.013 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

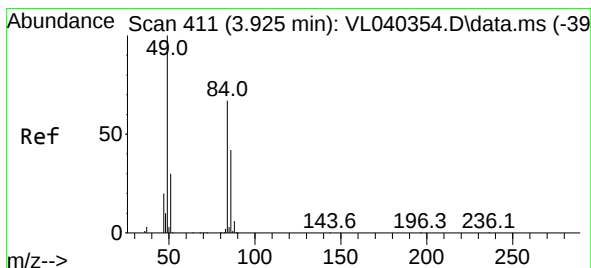
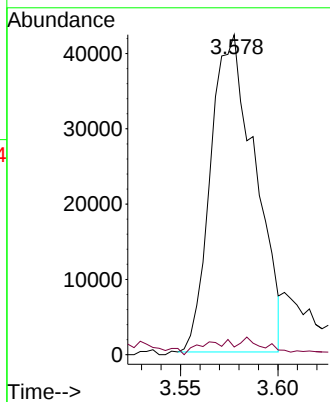
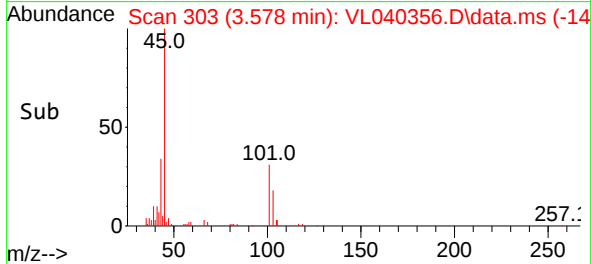
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 45 Resp: 66854
Ion Ratio Lower Upper
45 100
58 7.9 2.7 4.1

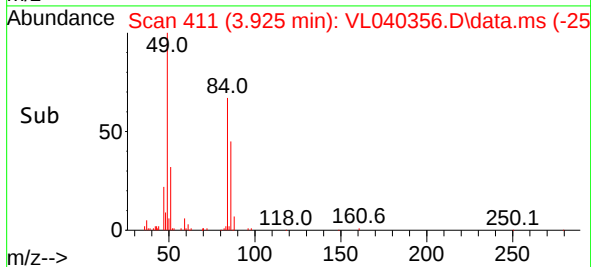
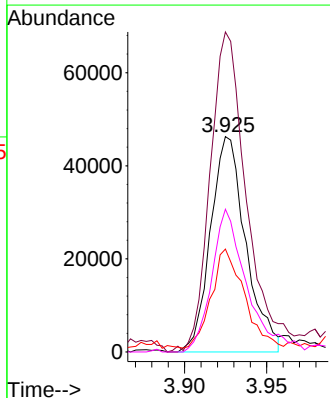
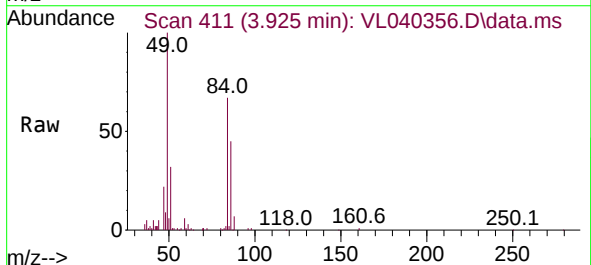
Manual Integrations
APPROVED

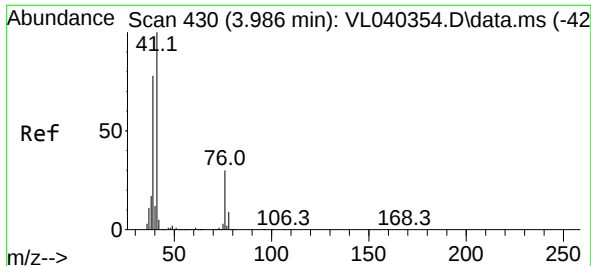
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#20
Methylene Chloride
Concen: 1.267 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

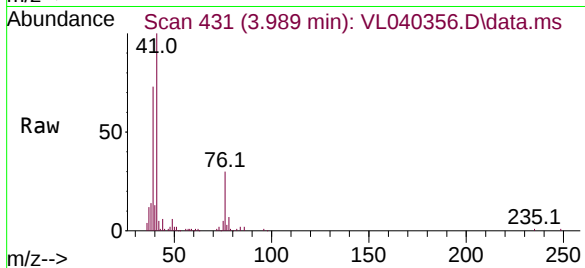
Tgt Ion: 84 Resp: 69100
Ion Ratio Lower Upper
84 100
49 145.9 117.5 176.3
51 45.5 36.9 55.3
86 66.3 53.3 79.9





#21
 Allyl Chloride
 Concen: 1.027 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040356.D
 Acq: 13 Apr 2023 11:23

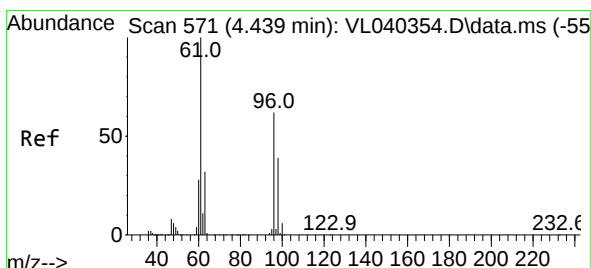
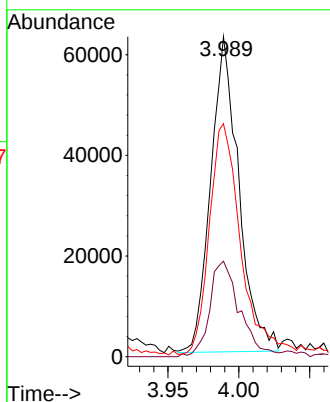
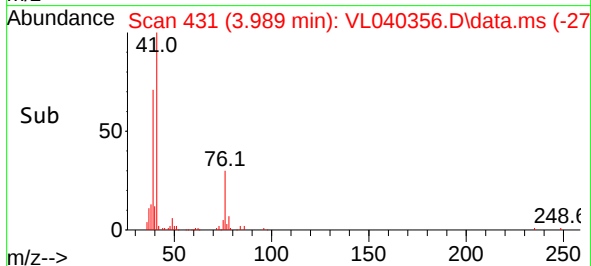
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001



Tgt Ion: 41 Resp: 8624
 Ion Ratio Lower Upper
 41 100
 76 34.3 25.4 38.0
 39 88.5 65.4 98.2

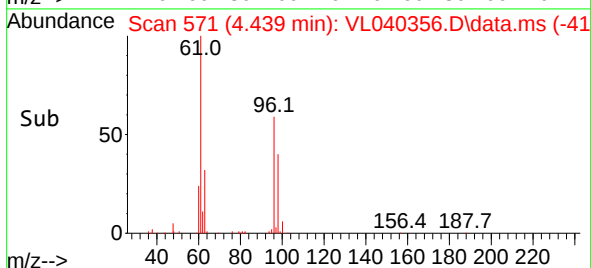
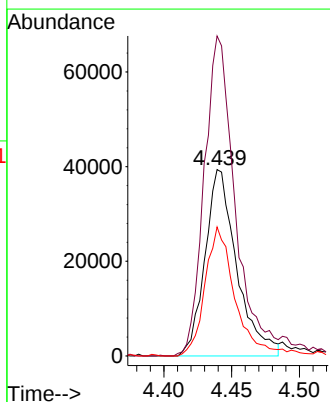
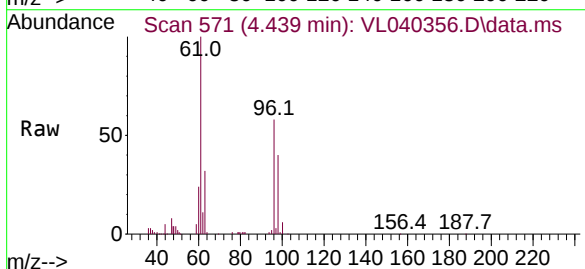
Manual Integrations
 APPROVED

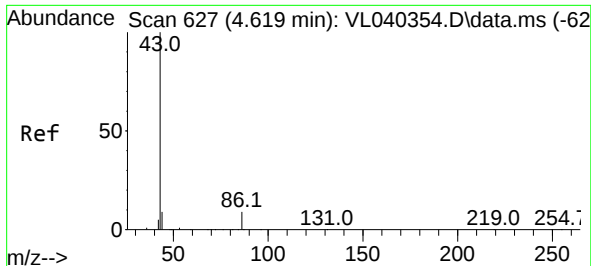
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#22
 trans-1,2-Dichloroethene
 Concen: 1.036 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: VL040356.D
 Acq: 13 Apr 2023 11:23

Tgt Ion: 96 Resp: 64286
 Ion Ratio Lower Upper
 96 100
 61 170.3 125.4 188.2
 98 69.2 49.8 74.6





#23
 Vinyl Acetate
 Concen: 1.167 ppbv m
 RT: 4.619 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: VL040356.D
 Acq: 13 Apr 2023 11:23

Instrument :

MSVOA_L

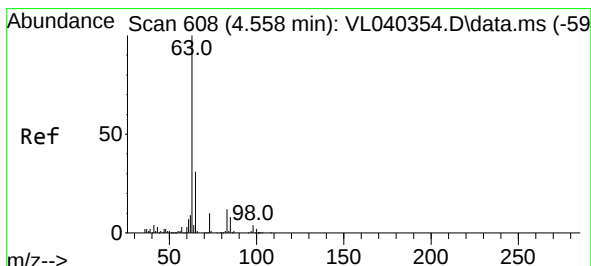
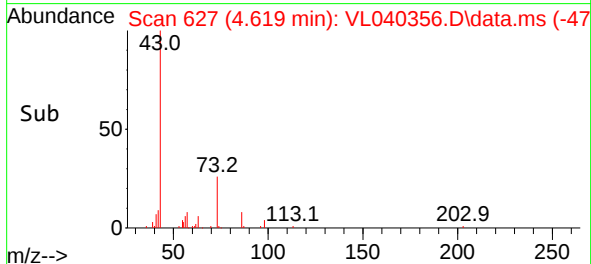
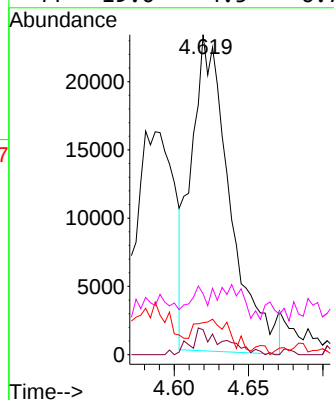
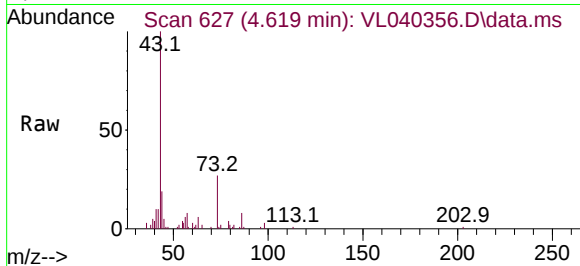
ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 4209
 Ion Ratio Lower Upper
 43 100
 86 7.8 5.0 7.4
 42 10.0 9.1 13.7
 44 19.0 4.5 6.7#

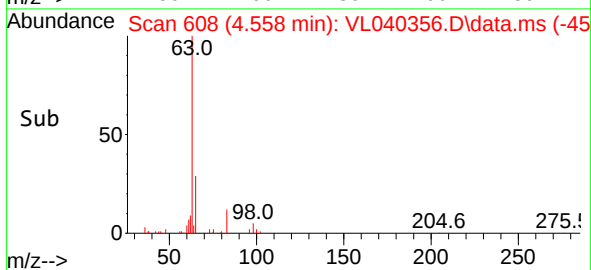
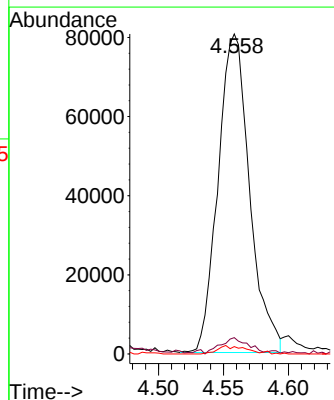
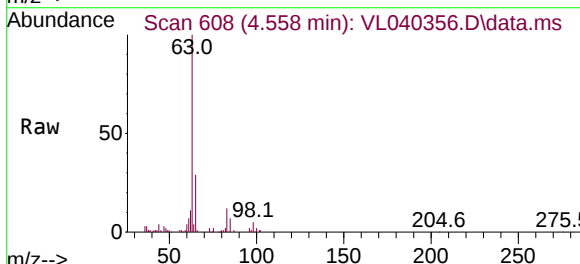
Manual Integrations
 APPROVED

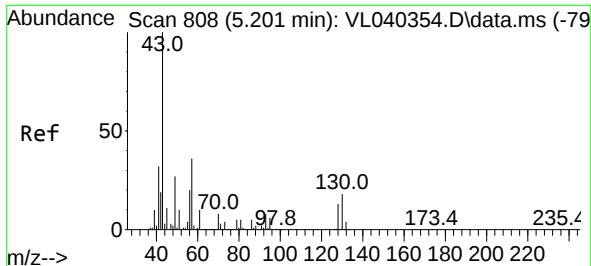
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#24
 1,1-Dichloroethane
 Concen: 1.056 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL040356.D
 Acq: 13 Apr 2023 11:23

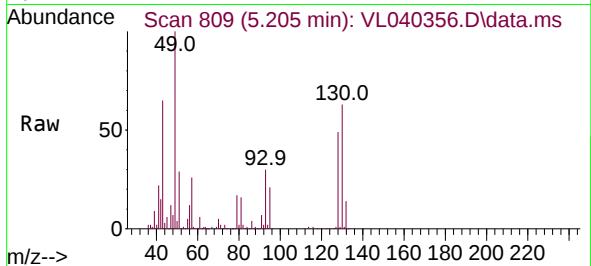
Tgt Ion: 63 Resp: 135920
 Ion Ratio Lower Upper
 63 100
 98 4.8 2.4 7.2
 100 2.3 1.2 3.6





#25
Ethyl Acetate
Concen: 1.127 ppbv
RT: 5.205 min Scan# 808
Delta R.T. 0.004 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

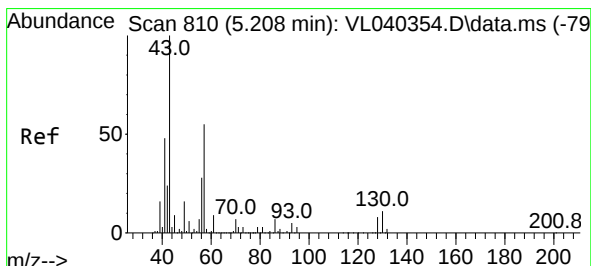
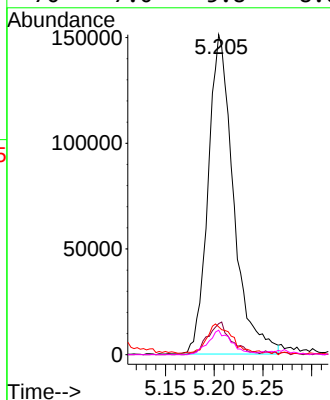
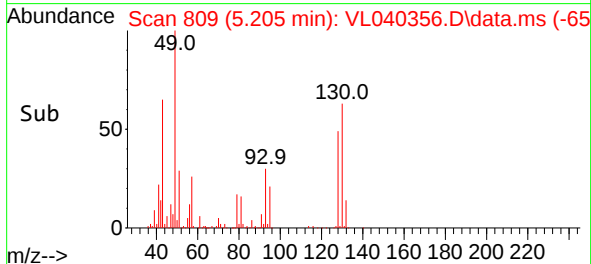


Tgt Ion: 43 Resp: 273618

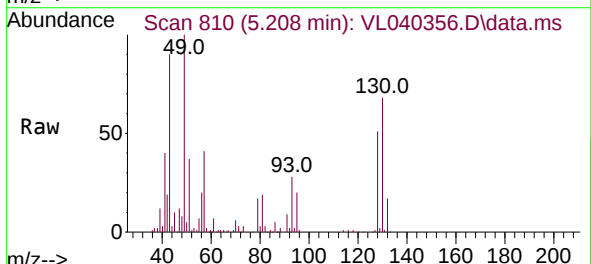
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.6	12.8
61	10.0	8.4	12.6
70	7.0	5.8	8.6

Manual Integrations
APPROVED

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

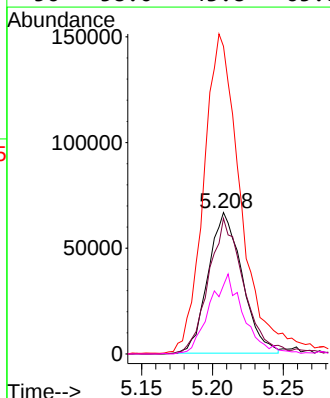
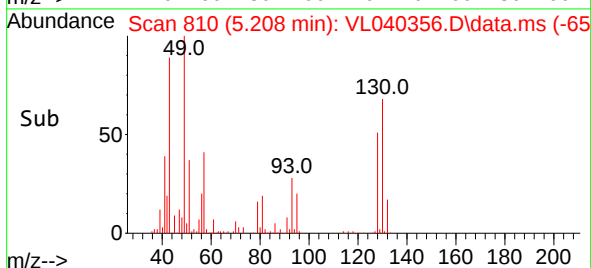


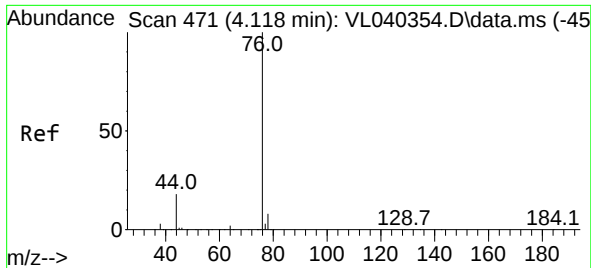
#26
Hexane
Concen: 1.115 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23



Tgt Ion: 57 Resp: 111104

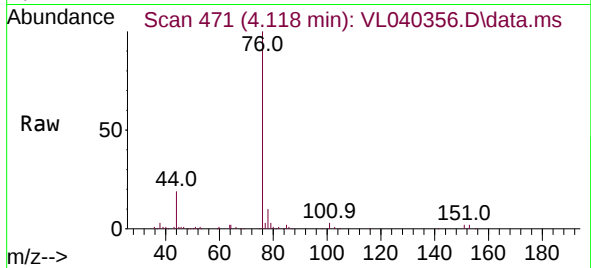
Ion	Ratio	Lower	Upper
57	100		
41	102.2	73.5	110.3
43	257.3	196.3	294.5
56	58.0	43.8	65.8





#27
Carbon Disulfide
Concen: 0.938 ppbv
RT: 4.118 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

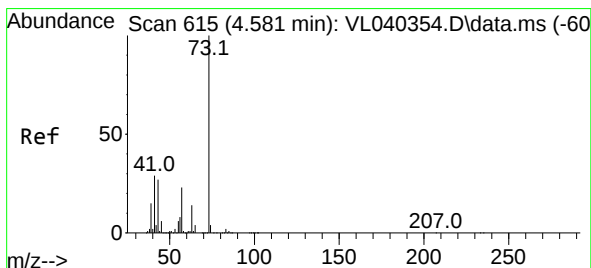
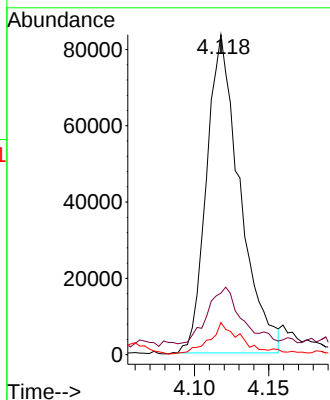
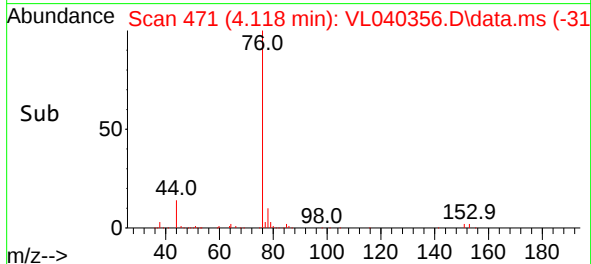
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



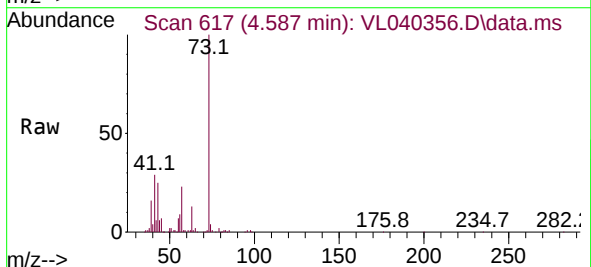
Tgt Ion: 76 Resp: 130483
Ion Ratio Lower Upper
76 100
44 22.0 15.2 22.8
78 11.2 7.6 11.4

Manual Integrations
APPROVED

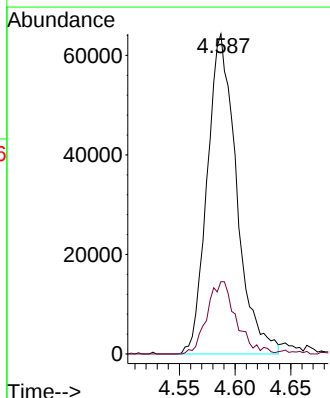
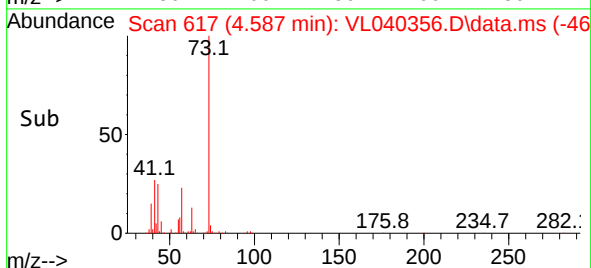
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

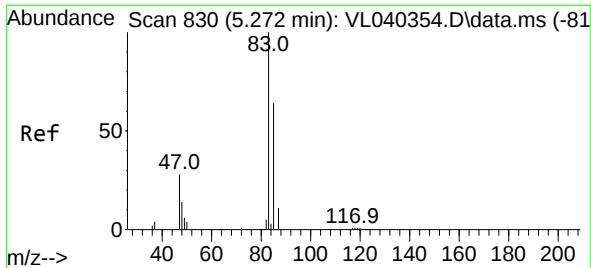


#28
Methyl tert-Butyl Ether
Concen: 1.029 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.006 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23



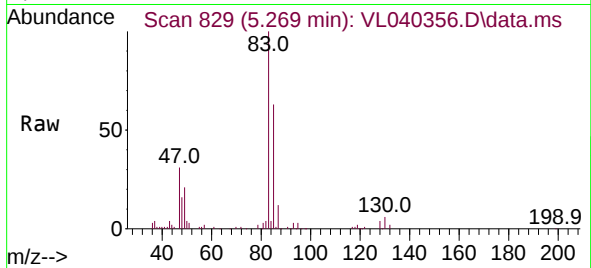
Tgt Ion: 73 Resp: 117727
Ion Ratio Lower Upper
73 100
57 23.3 18.4 27.6





#29
Chloroform
Concen: 1.140 ppbv
RT: 5.269 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

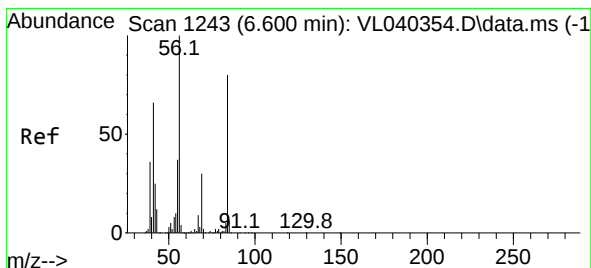
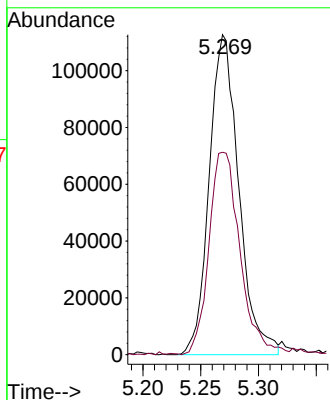
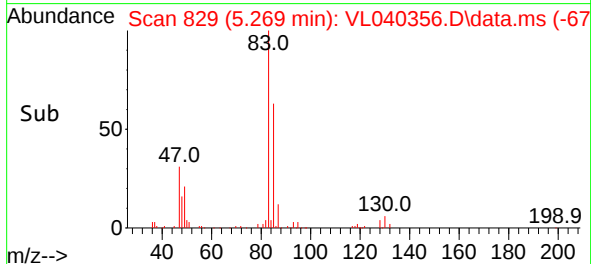
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



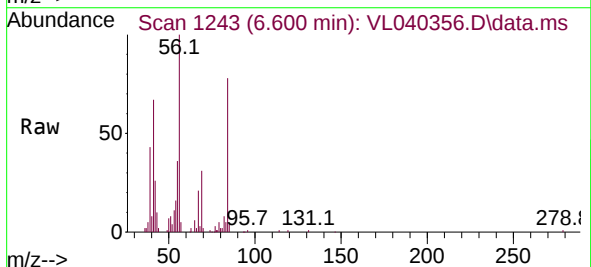
Tgt Ion: 83 Resp: 200514
Ion Ratio Lower Upper
83 100
85 63.0 52.8 79.2

Manual Integrations
APPROVED

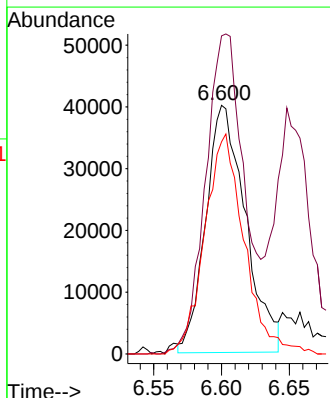
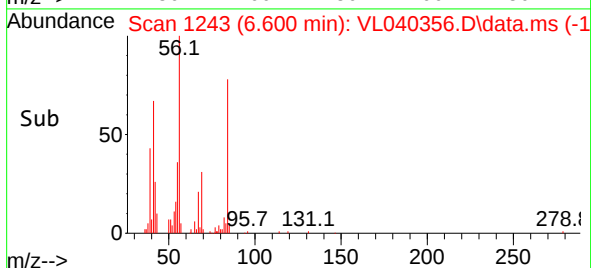
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

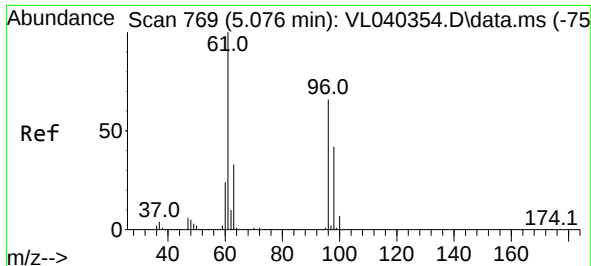


#30
Cyclohexane
Concen: 1.038 ppbv
RT: 6.600 min Scan# 1243
Delta R.T. -0.003 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23



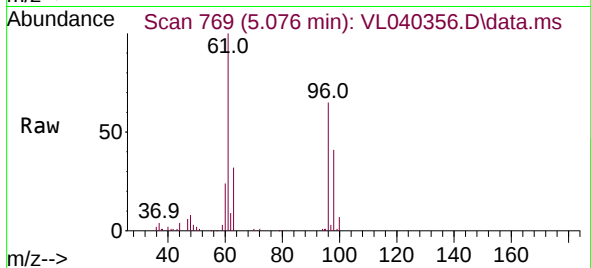
Tgt Ion: 84 Resp: 81470
Ion Ratio Lower Upper
84 100
56 129.4 109.0 163.4
41 88.6 67.9 101.9





#31
 cis-1,2-Dichloroethene
 Concen: 1.111 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VL040356.D
 Acq: 13 Apr 2023 11:23

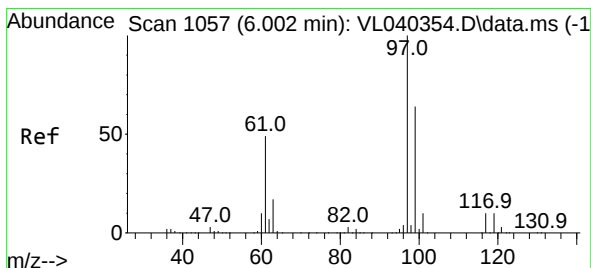
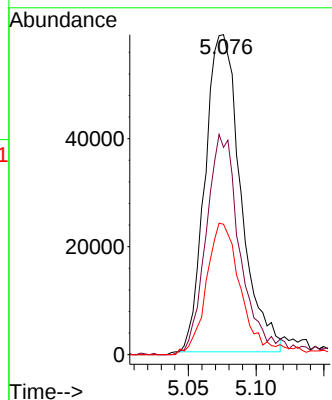
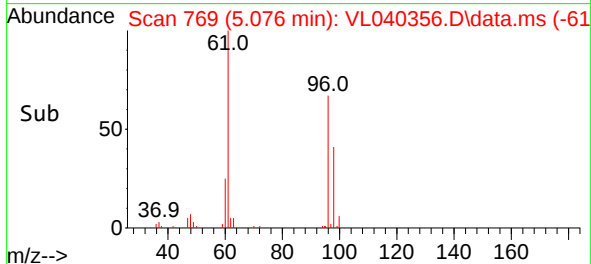
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 61 Resp: 107830
 Ion Ratio Lower Upper
 61 100
 96 64.1 51.8 77.8
 98 39.3 32.5 48.7

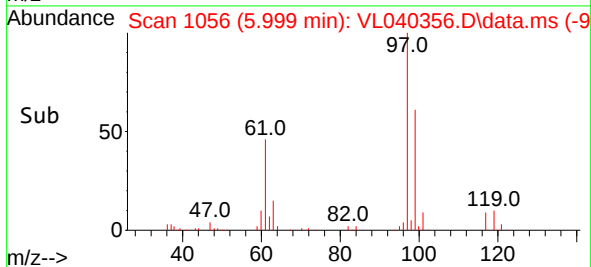
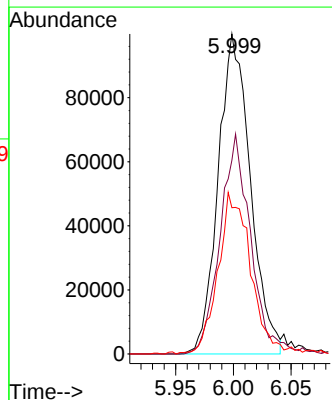
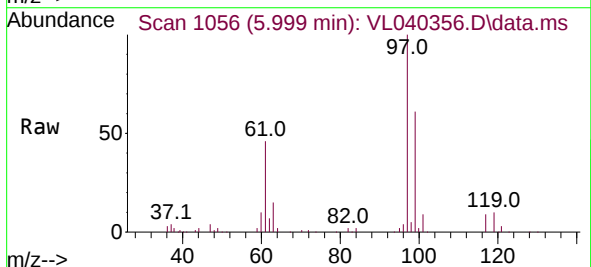
Manual Integrations
 APPROVED

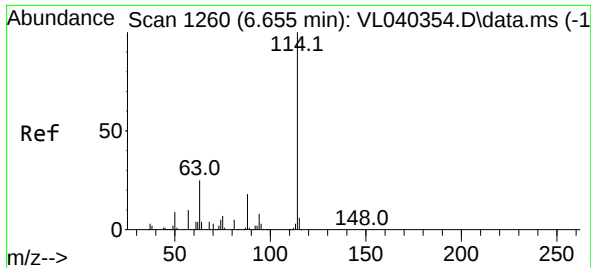
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#32
 1,1,1-Trichloroethane
 Concen: 1.151 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VL040356.D
 Acq: 13 Apr 2023 11:23

Tgt Ion: 97 Resp: 194071
 Ion Ratio Lower Upper
 97 100
 99 65.8 52.2 78.2
 61 51.9 41.4 62.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 11

Delta R.T. -0.004 min

Lab File: VL040356.D

Acq: 13 Apr 2023 11:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:114 Resp: 2707910

Ion Ratio Lower Upper

114 100

63 26.1 21.2 31.8

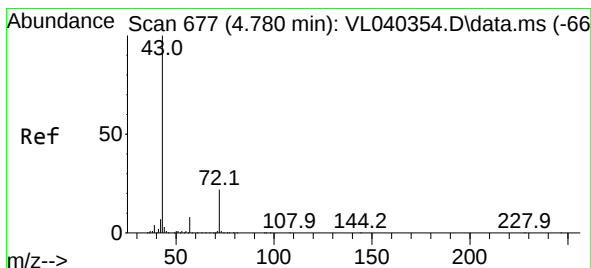
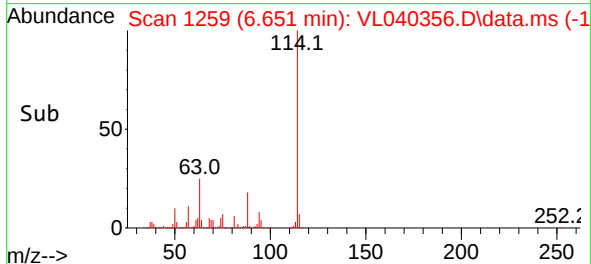
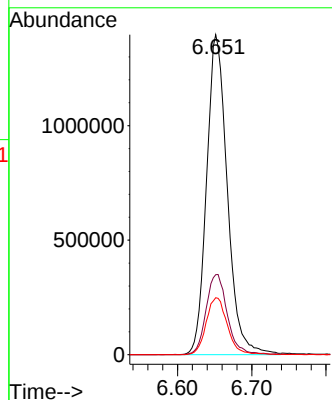
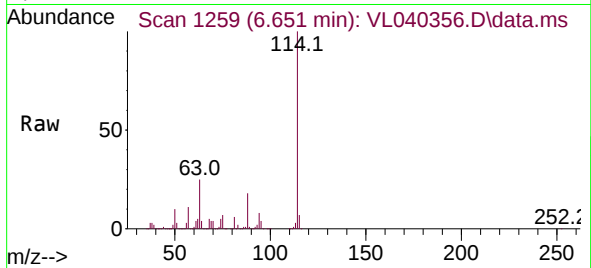
88 18.3 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#34

2-Butanone

Concen: 1.137 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.007 min

Lab File: VL040356.D

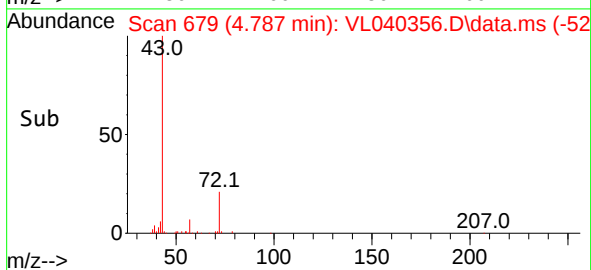
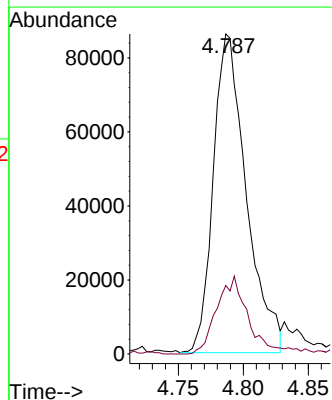
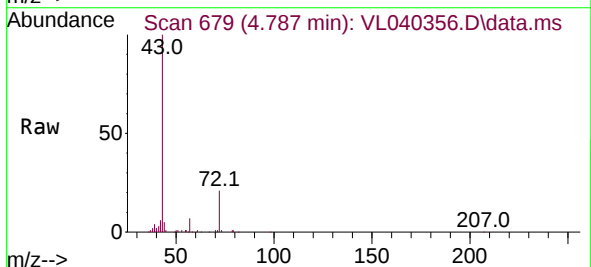
Acq: 13 Apr 2023 11:23

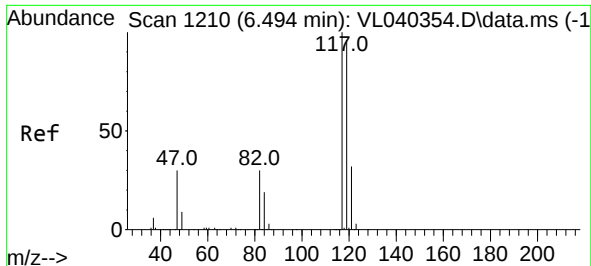
Tgt Ion: 43 Resp: 151994

Ion Ratio Lower Upper

43 100

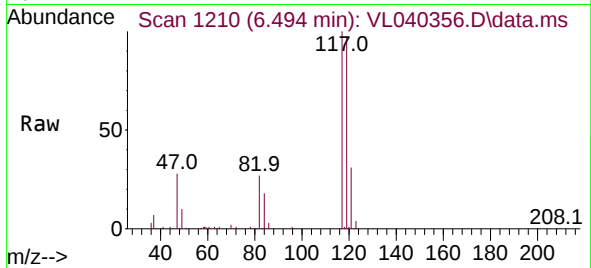
72 24.8 18.3 27.5





#35
Carbon Tetrachloride
Concen: 1.131 ppbv
RT: 6.494 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

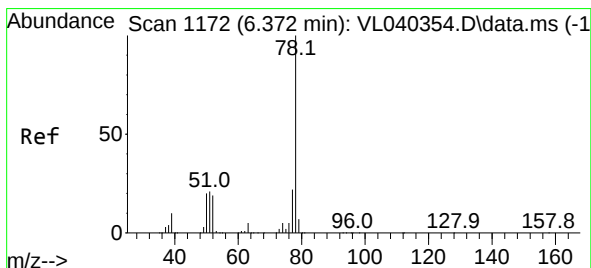
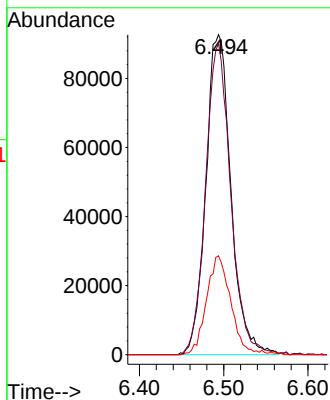
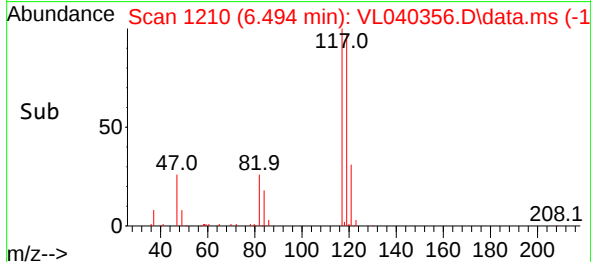
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



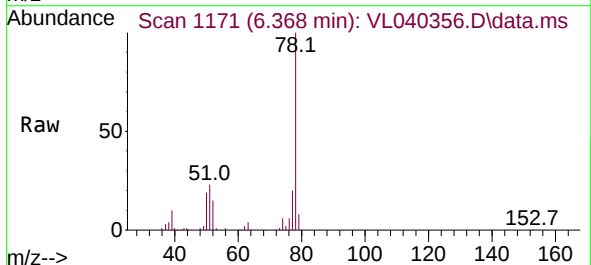
Tgt Ion: 117 Resp: 19218
Ion Ratio Lower Upper
117 100
119 97.2 76.4 114.6
121 30.9 25.6 38.4

Manual Integrations
APPROVED

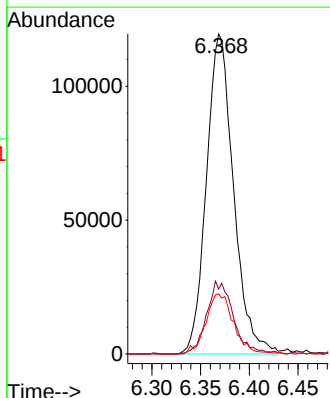
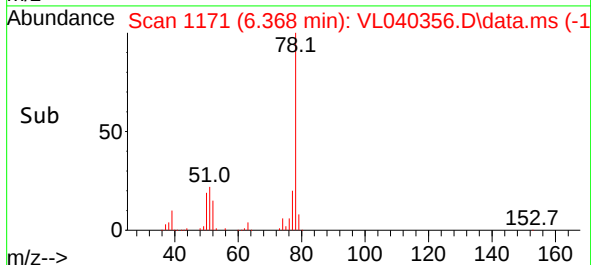
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

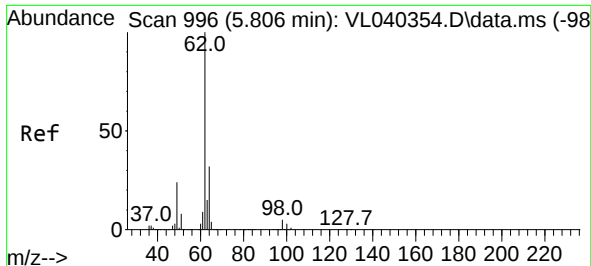


#36
Benzene
Concen: 1.121 ppbv
RT: 6.368 min Scan# 1171
Delta R.T. -0.004 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23



Tgt Ion: 78 Resp: 231282
Ion Ratio Lower Upper
78 100
77 20.3 17.8 26.8
50 18.8 15.4 23.2





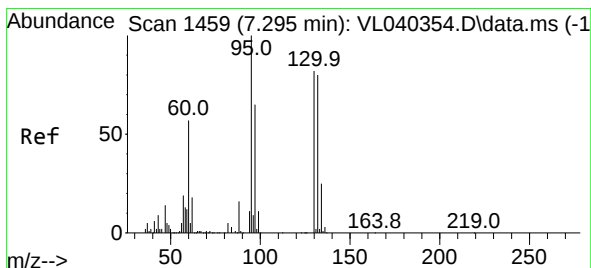
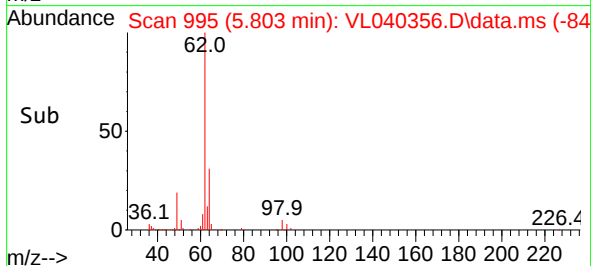
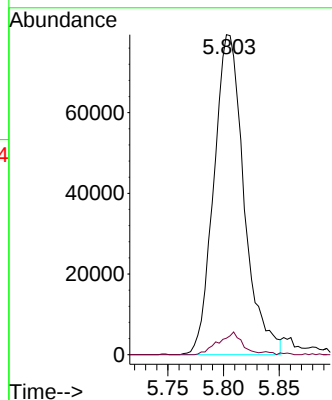
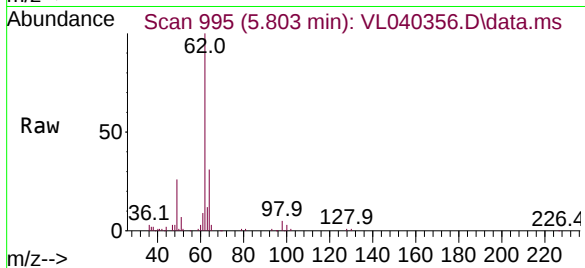
#37
1,2-Dichloroethane
Concen: 1.112 ppbv
RT: 5.803 min Scan# 996
Delta R.T. -0.003 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

Instrument : MSVOA_L
Client Sample Id : VSTDIC001

Tgt Ion: 62 Resp: 14933
Ion Ratio Lower Upper
62 100
98 6.1 4.3 6.5

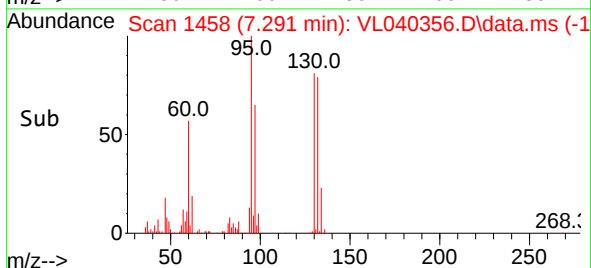
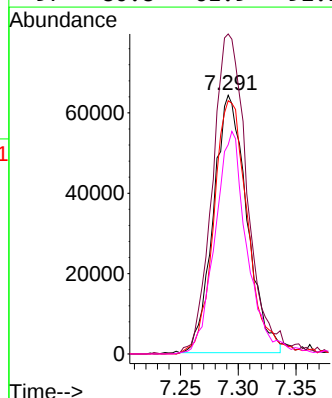
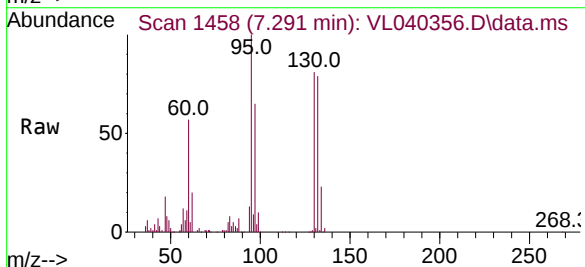
Manual Integrations
APPROVED

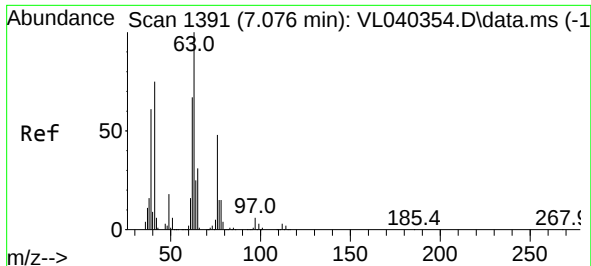
Reviewed By : Semsettin Yesilyurt 04/14/2023
Supervised By : Mahesh Dadoda 04/14/2023



#38
Trichloroethene
Concen: 1.148 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.004 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

Tgt Ion: 130 Resp: 129416
Ion Ratio Lower Upper
130 100
95 123.8 93.0 139.4
132 97.9 75.3 112.9
97 80.8 61.9 92.9





#39

1,2-Dichloropropane

Concen: 1.091 ppbv

RT: 7.076 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040356.D

Acq: 13 Apr 2023 11:23

Instrument :

MSVOA_L

ClientSampleId :

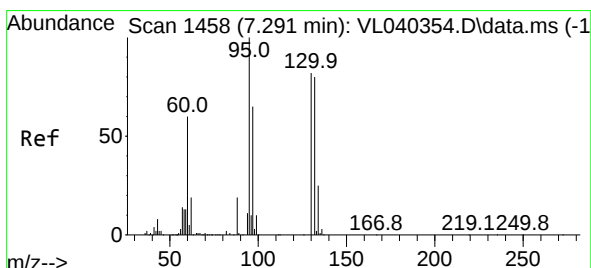
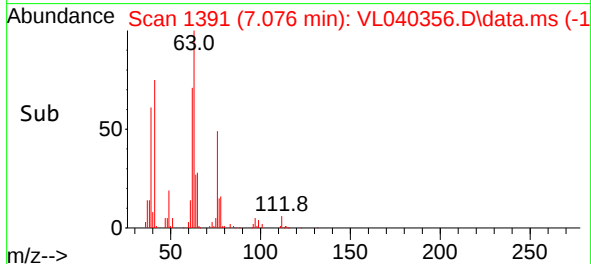
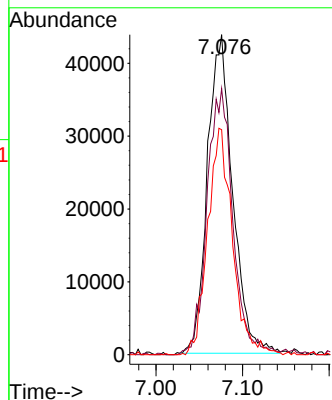
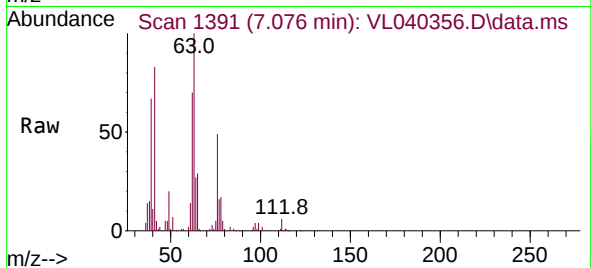
VSTDICC001

Tgt Ion:	63	Resp:	8833
Ion	Ratio	Lower	Upper
63	100		
41	83.1	60.8	91.2
62	70.7	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: 1.136 ppbv m

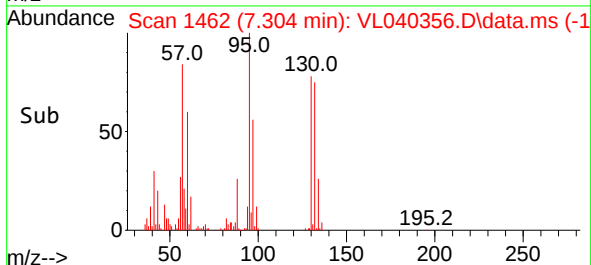
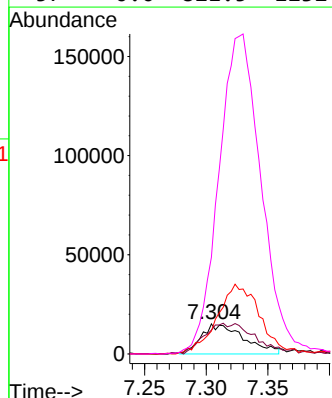
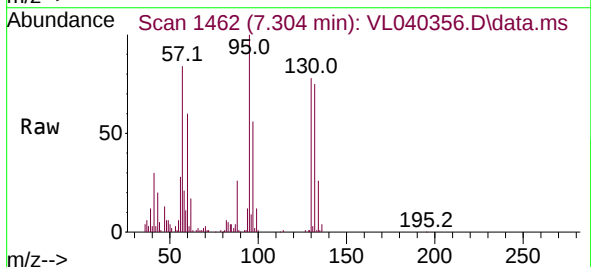
RT: 7.304 min Scan# 1462

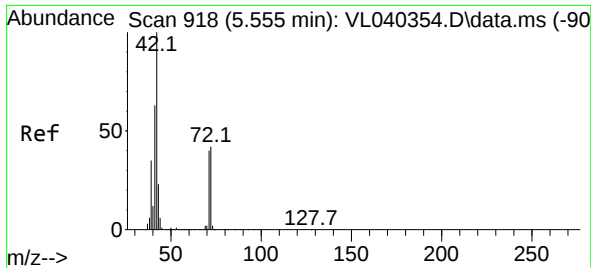
Delta R.T. 0.013 min

Lab File: VL040356.D

Acq: 13 Apr 2023 11:23

Tgt Ion:	88	Resp:	36402
Ion	Ratio	Lower	Upper
88	100		
58	0.0	96.0	144.0#
43	0.0	187.6	281.4#
57	0.0	821.5	1232.3#





#41

Tetrahydrofuran

Concen: 1.070 ppbv m

RT: 5.568 min Scan# 918

Delta R.T. 0.013 min

Lab File: VL040356.D

Acq: 13 Apr 2023 11:23

Instrument :

MSVOA_L

ClientSampleId :

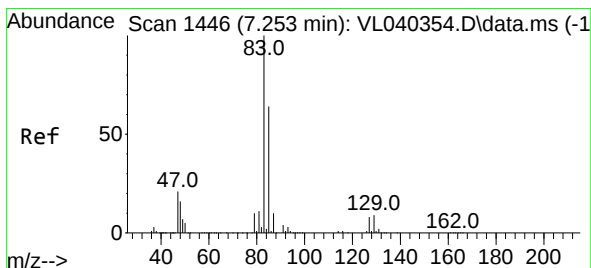
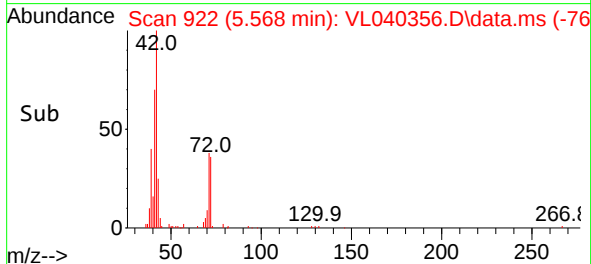
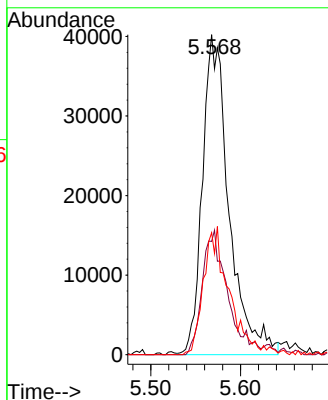
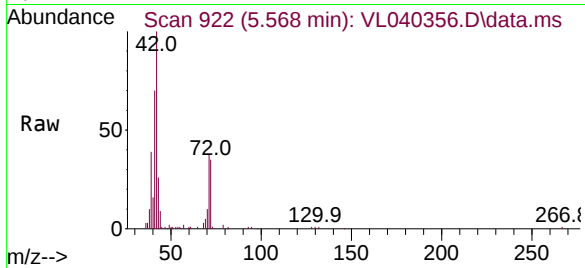
VSTDICC001

Tgt Ion:	42	Resp:	8256
Ion Ratio	Lower	Upper	
42	100		
72	0.0	32.6	49.0
71	0.0	31.0	46.4

Manual Integrations

APPROVED

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



#42

Bromodichloromethane

Concen: 1.111 ppbv

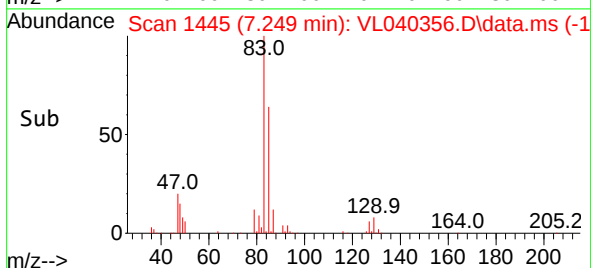
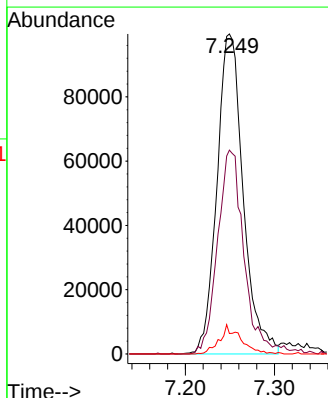
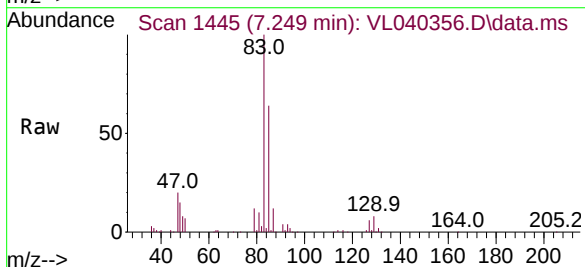
RT: 7.249 min Scan# 1445

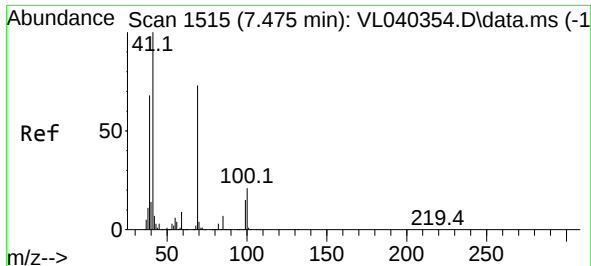
Delta R.T. -0.004 min

Lab File: VL040356.D

Acq: 13 Apr 2023 11:23

Tgt Ion:	83	Resp:	204011
Ion Ratio	Lower	Upper	
83	100		
85	63.7	52.1	78.1
127	6.4	5.8	8.6





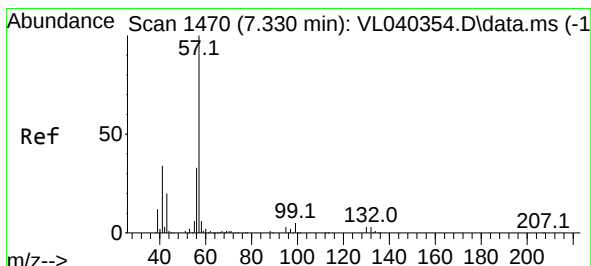
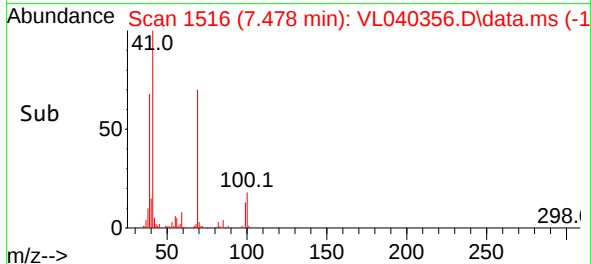
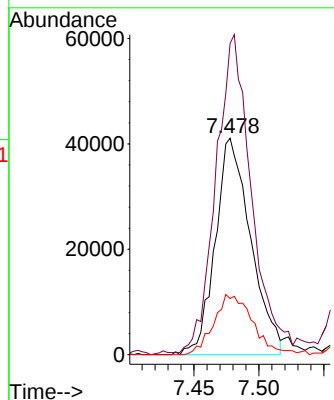
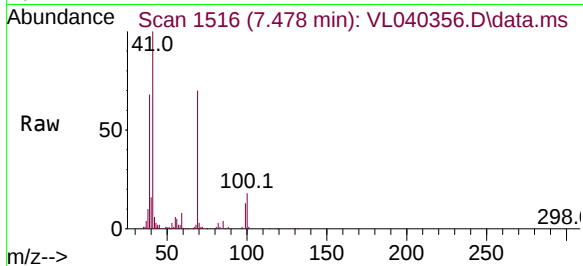
#43
Methyl Methacrylate
Concen: 1.015 ppbv
RT: 7.478 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 69 Resp: 7784
Ion Ratio Lower Upper
69 100
41 152.5 116.9 175.3
100 30.8 24.2 36.4

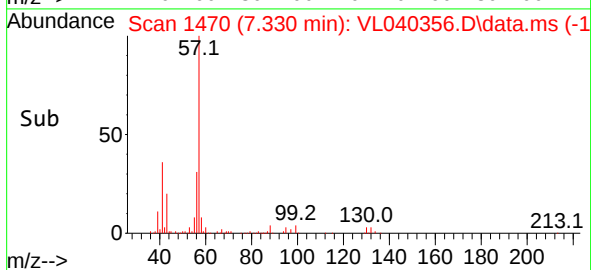
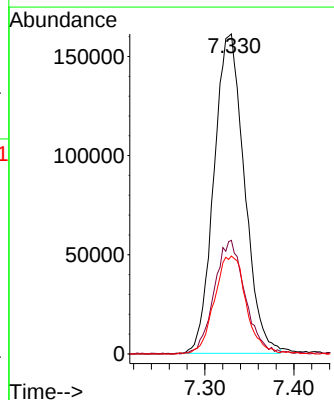
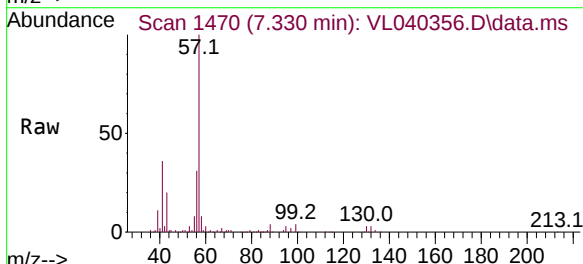
Manual Integrations
APPROVED

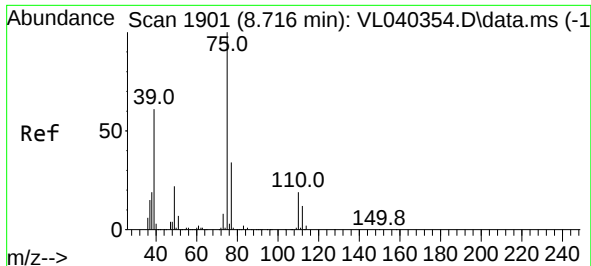
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#44
2,2,4-Trimethylpentane
Concen: 1.113 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

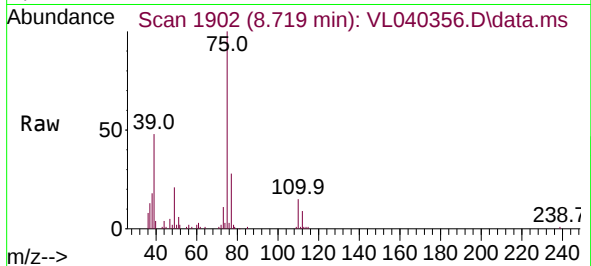
Tgt Ion: 57 Resp: 382791
Ion Ratio Lower Upper
57 100
41 36.3 26.8 40.2
56 32.1 25.0 37.6





#45
 t-1,3-Dichloropropene
 Concen: 0.914 ppbv
 RT: 8.719 min Scan# 1901
 Delta R.T. 0.006 min
 Lab File: VL040356.D
 Acq: 13 Apr 2023 11:23

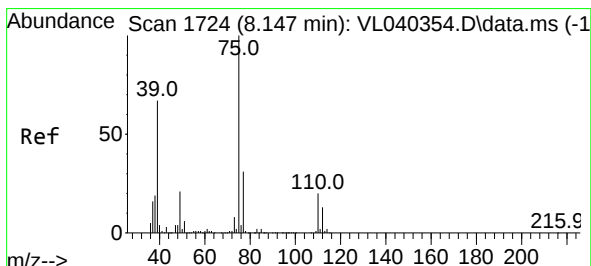
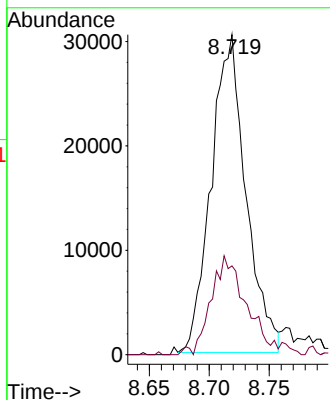
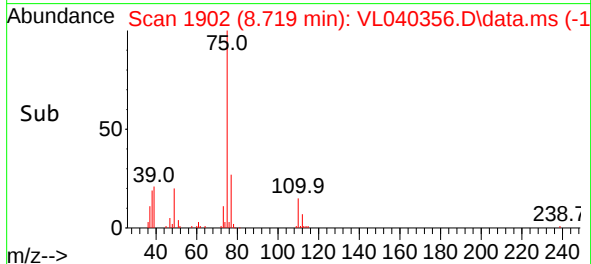
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 61100
 Ion Ratio Lower Upper
 75 100
 77 27.7 25.4 38.0

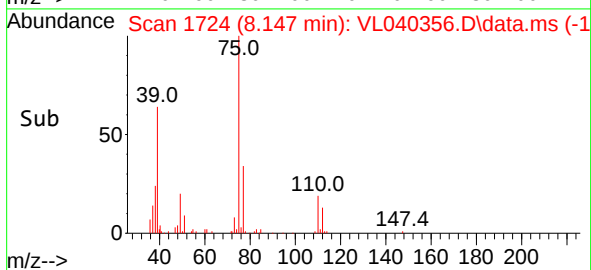
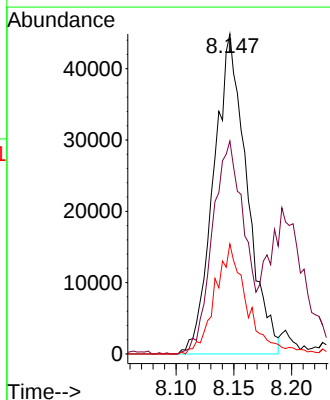
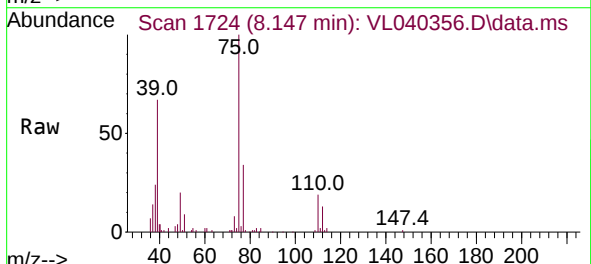
Manual Integrations
 APPROVED

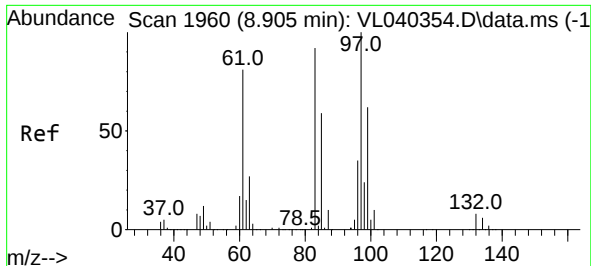
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#46
 cis-1,3-Dichloropropene
 Concen: 0.947 ppbv
 RT: 8.147 min Scan# 1724
 Delta R.T. -0.000 min
 Lab File: VL040356.D
 Acq: 13 Apr 2023 11:23

Tgt Ion: 75 Resp: 89898
 Ion Ratio Lower Upper
 75 100
 39 66.6 53.9 80.9
 77 34.4 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 1.122 ppbv m

RT: 8.899 min Scan# 1960

Delta R.T. -0.007 min

Lab File: VL040356.D

Acq: 13 Apr 2023 11:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 96964

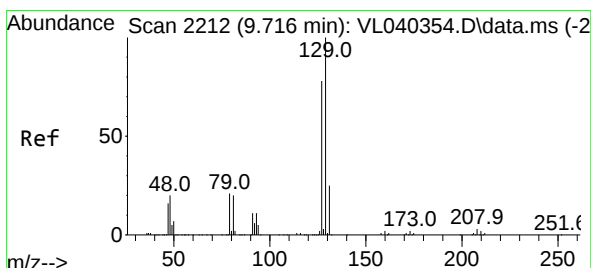
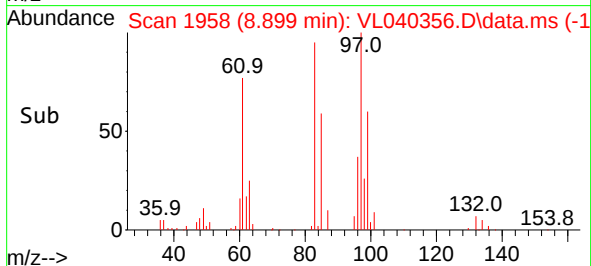
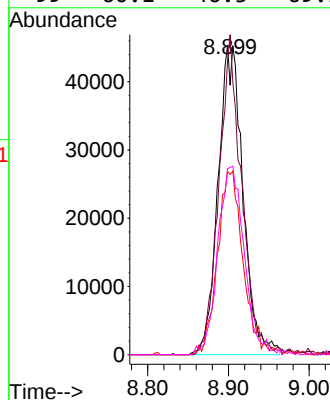
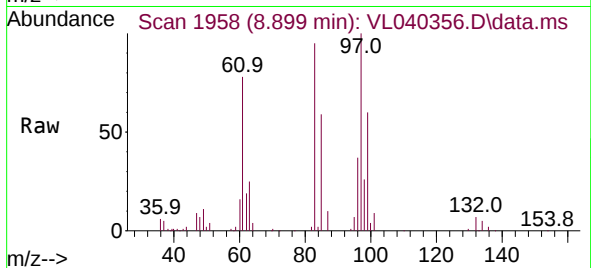
Ion	Ratio	Lower	Upper
97	100		
83	95.1	68.6	103.0
85	59.2	46.0	69.0
99	60.1	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#48

Dibromochloromethane

Concen: 1.027 ppbv

RT: 9.716 min Scan# 2212

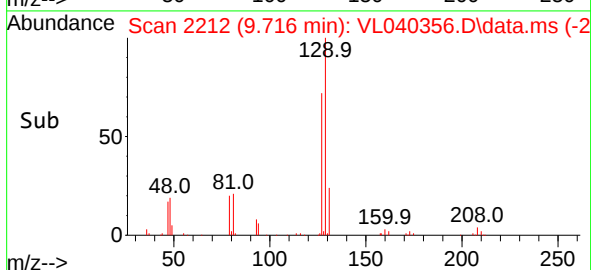
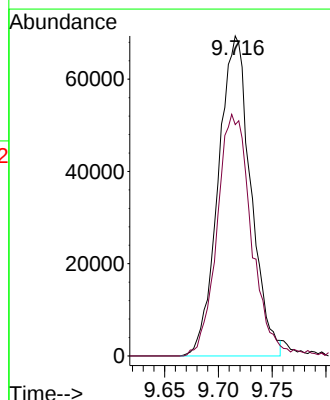
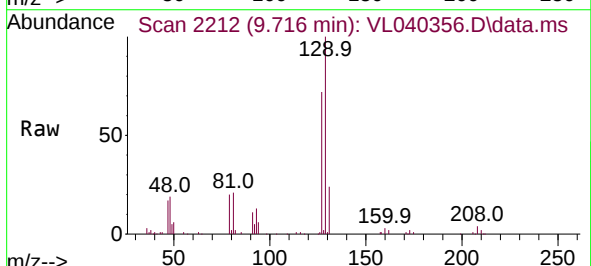
Delta R.T. -0.000 min

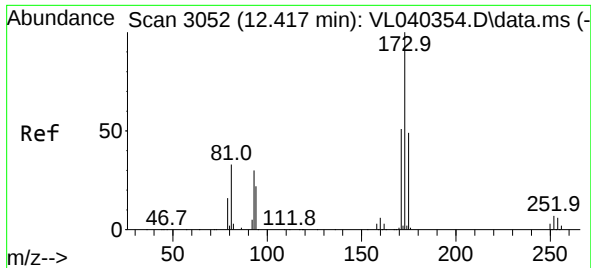
Lab File: VL040356.D

Acq: 13 Apr 2023 11:23

Tgt Ion:129 Resp: 146070

Ion	Ratio	Lower	Upper
129	100		
127	80.3	39.1	117.5





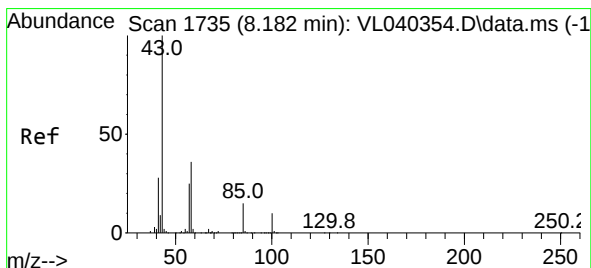
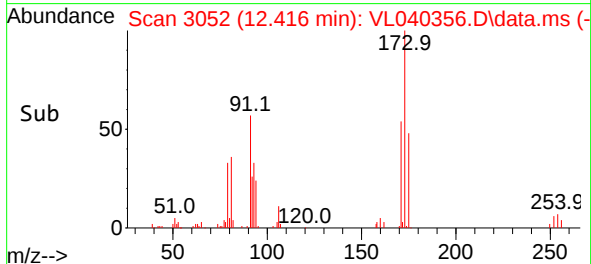
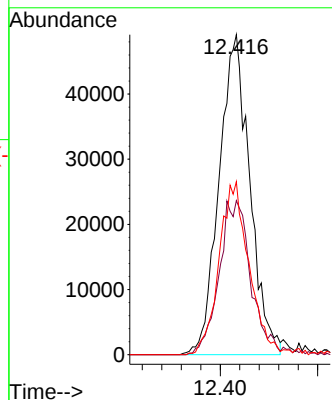
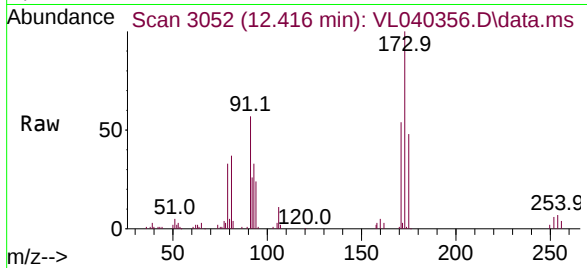
#49
Bromoform
Concen: 1.006 ppbv
RT: 12.416 min Scan# 3052
Delta R.T. -0.001 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

Instrument : MSVOA_L
ClientSampleId : VSTDIC001

Tgt Ion: 173 Resp: 10740
Ion Ratio Lower Upper
173 100
175 50.6 39.8 59.8
171 53.4 42.2 63.4

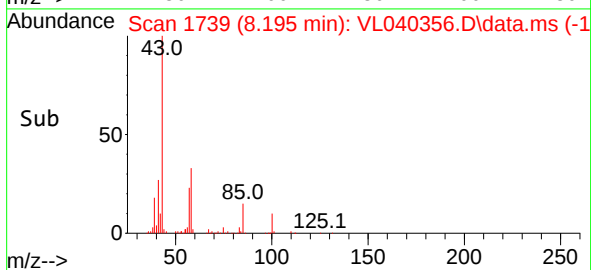
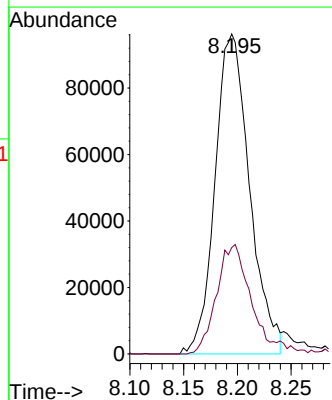
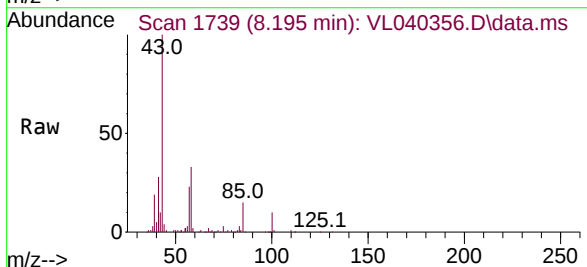
Manual Integrations
APPROVED

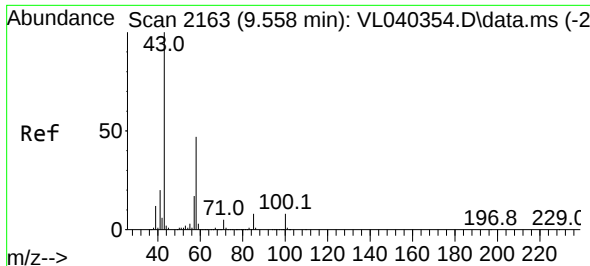
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#50
4-Methyl-2-Pentanone
Concen: 1.041 ppbv
RT: 8.195 min Scan# 1739
Delta R.T. 0.010 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

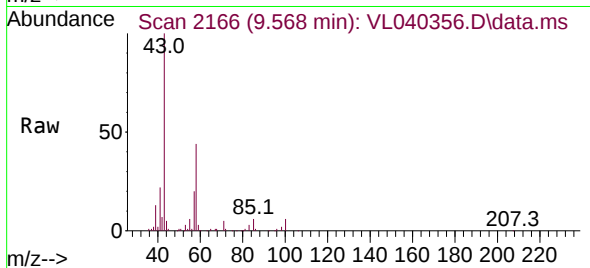
Tgt Ion: 43 Resp: 215329
Ion Ratio Lower Upper
43 100
58 35.9 29.2 43.8





#51
2-Hexanone
Concen: 0.957 ppbv
RT: 9.568 min Scan# 2166
Delta R.T. 0.013 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

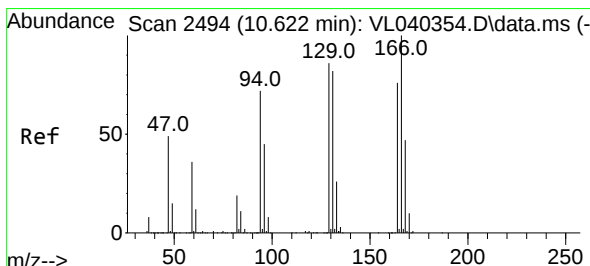
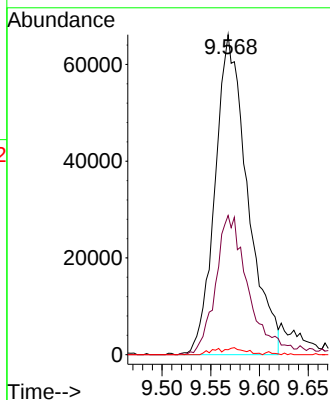
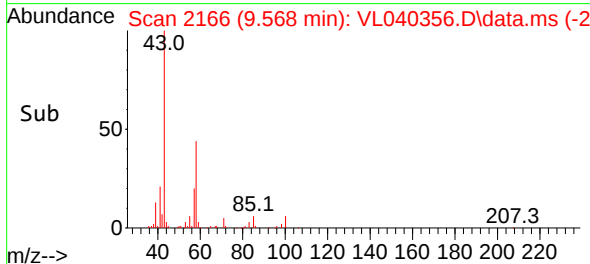
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 15328
Ion Ratio Lower Upper
43 100
58 45.6 38.0 57.0
98 2.2 0.5 0.7

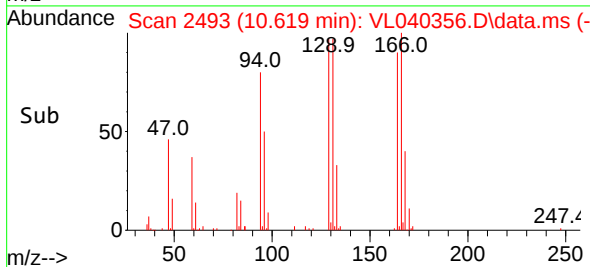
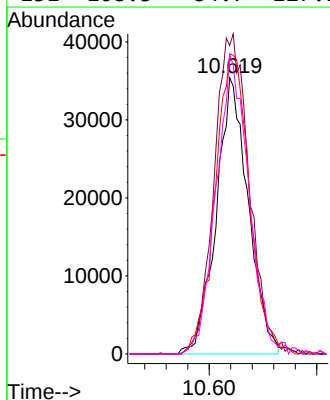
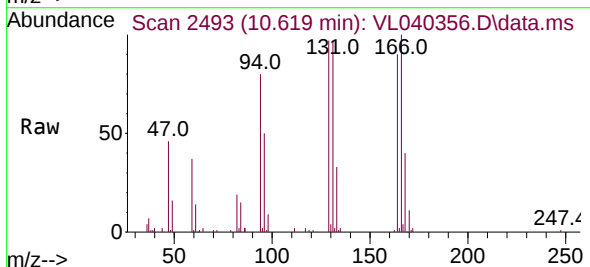
Manual Integrations
APPROVED

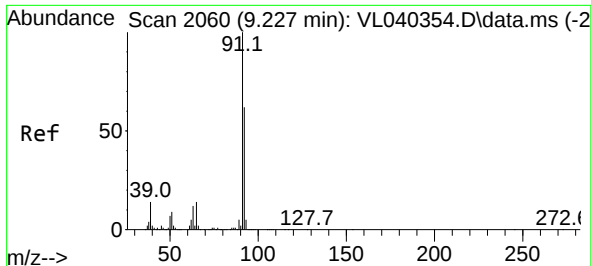
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#52
Tetrachloroethene
Concen: 1.171 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. -0.003 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

Tgt Ion:164 Resp: 73091
Ion Ratio Lower Upper
164 100
166 111.7 101.8 152.6
129 108.7 90.2 135.2
131 108.3 84.7 127.1





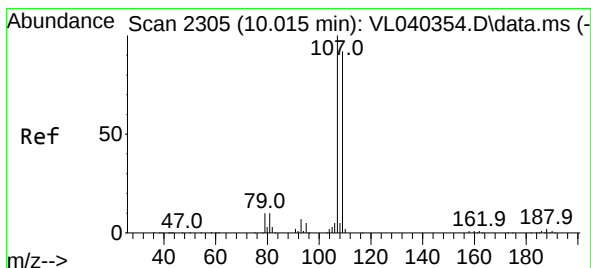
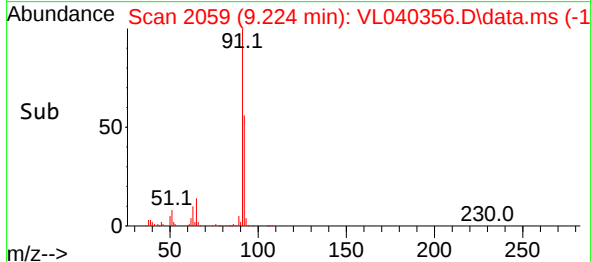
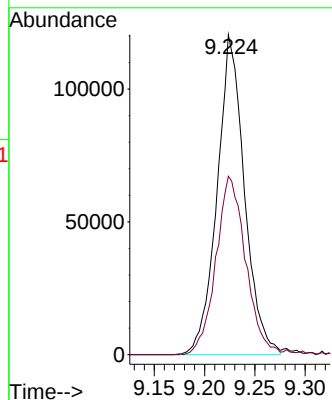
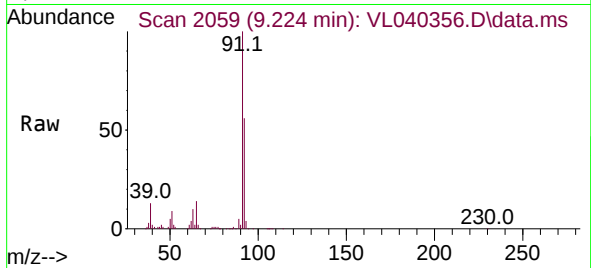
#53
Toluene
Concen: 1.052 ppbv
RT: 9.224 min Scan# 2060
Delta R.T. -0.003 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 227600
Ion Ratio Lower Upper
91 100
92 61.7 48.0 72.0

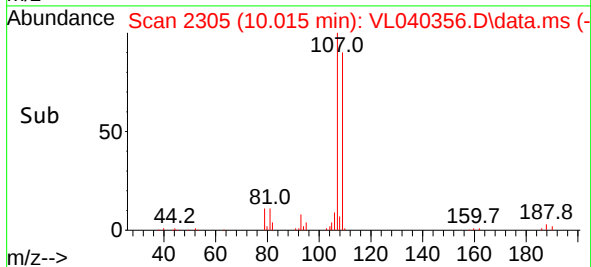
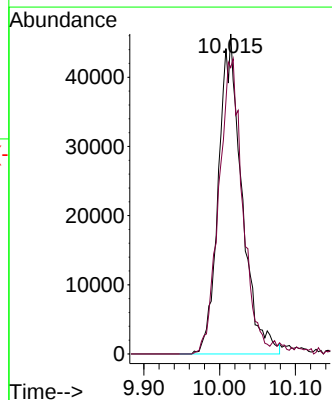
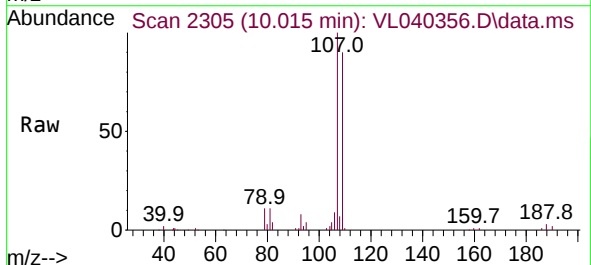
Manual Integrations
APPROVED

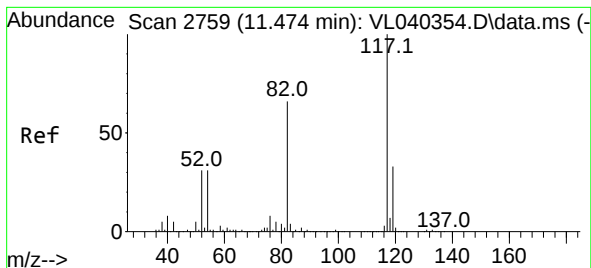
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#54
1,2-Dibromoethane
Concen: 1.109 ppbv m
RT: 10.015 min Scan# 2305
Delta R.T. -0.000 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

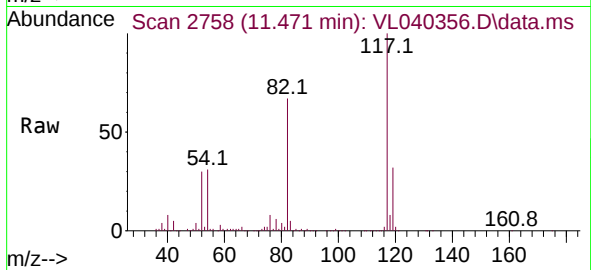
Tgt Ion:107 Resp: 98581
Ion Ratio Lower Upper
107 100
109 89.5 77.0 115.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2759
Delta R.T. -0.007 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

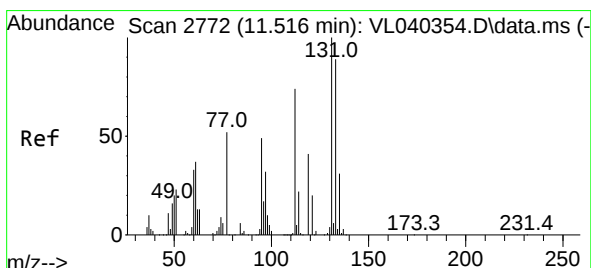
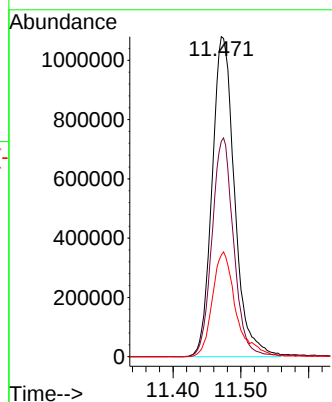
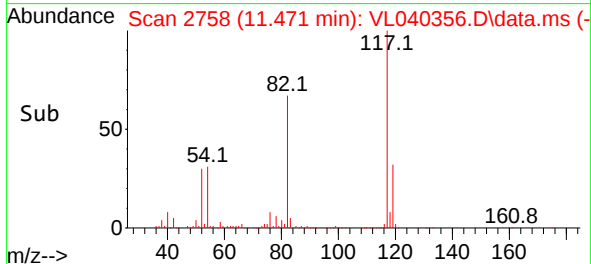
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:117 Resp: 249056
Ion Ratio Lower Upper
117 100
82 66.4 51.4 77.2
119 34.4 24.0 36.0

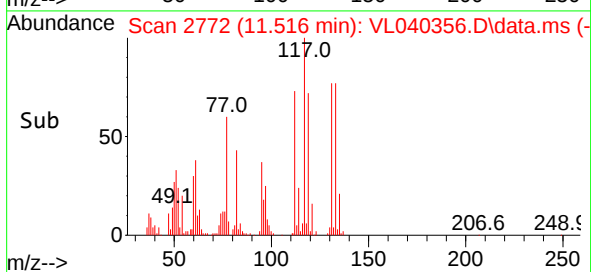
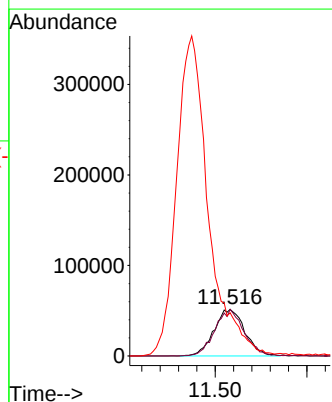
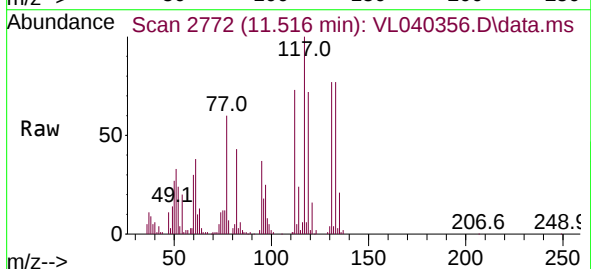
Manual Integrations
APPROVED

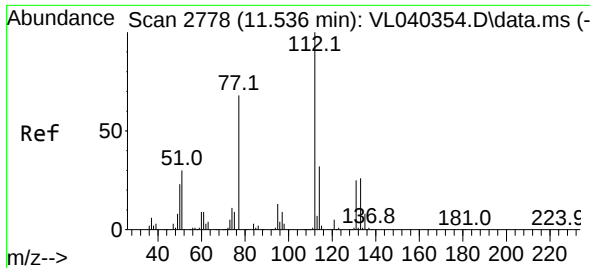
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 1.144 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.000 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

Tgt Ion:131 Resp: 119834
Ion Ratio Lower Upper
131 100
133 94.5 76.5 114.7
119 714.1 47.9 71.9#





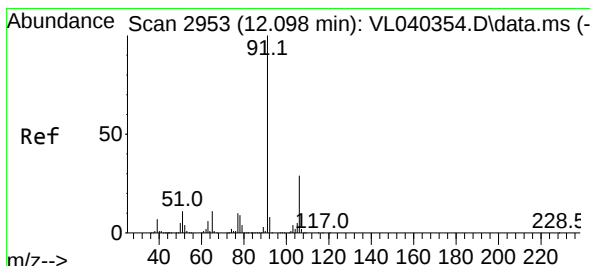
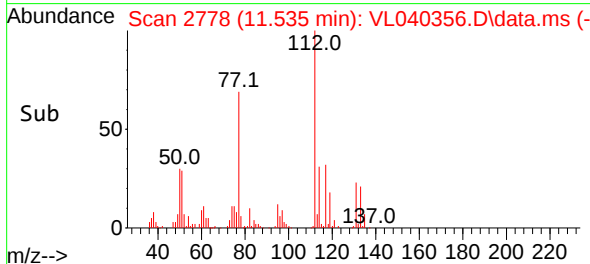
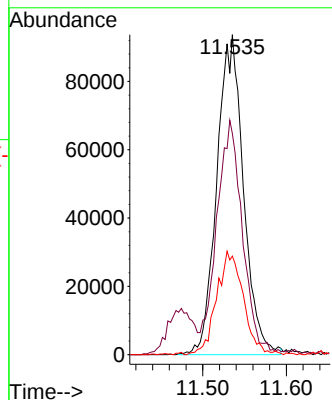
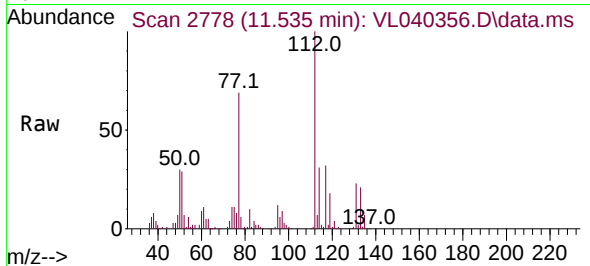
#57
Chlorobenzene
Concen: 1.169 ppbv m
RT: 11.535 min Scan# 21
Delta R.T. -0.001 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 112 Resp: 20713
Ion Ratio Lower Upper
112 100
77 69.1 56.2 84.2
114 30.8 29.0 35.4

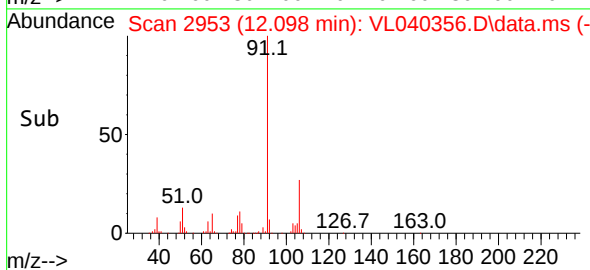
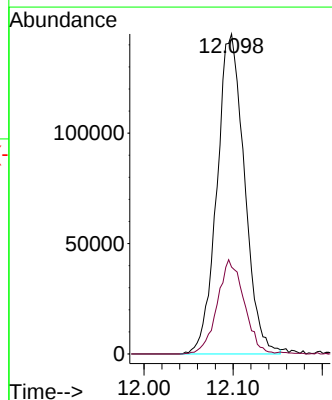
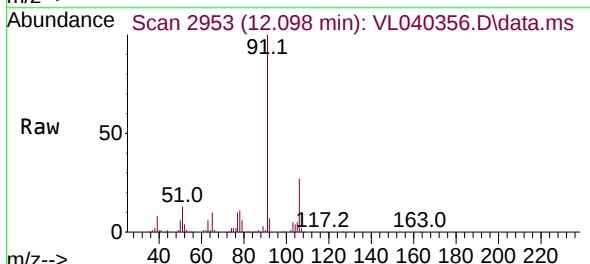
Manual Integrations
APPROVED

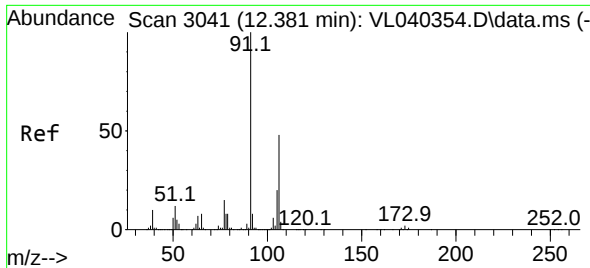
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#58
Ethyl Benzene
Concen: 1.097 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

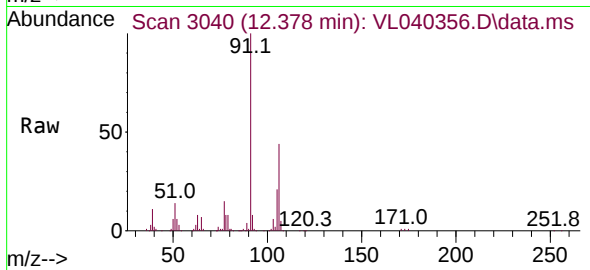
Tgt Ion: 91 Resp: 311016
Ion Ratio Lower Upper
91 100
106 27.2 23.4 35.2





#59
m/p-Xylene
Concen: 2.262 ppbv m
RT: 12.378 min Scan# 3040
Delta R.T. -0.003 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

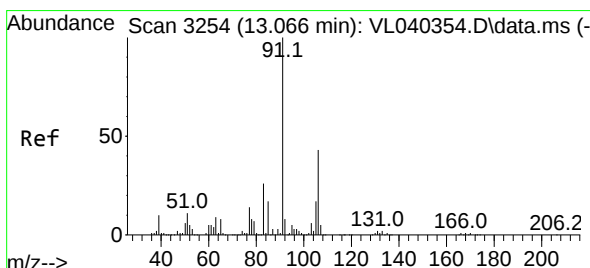
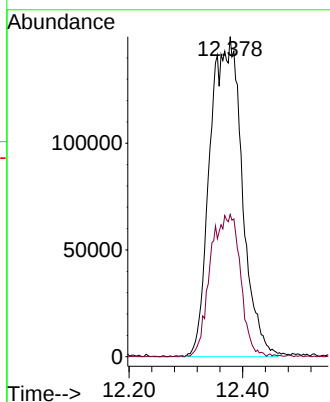
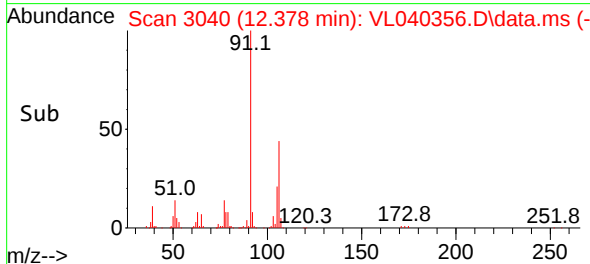
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



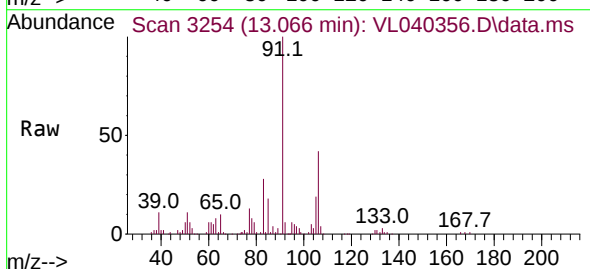
Tgt Ion: 91 Resp: 587524
Ion Ratio Lower Upper
91 100
106 41.6 34.0 51.0

Manual Integrations
APPROVED

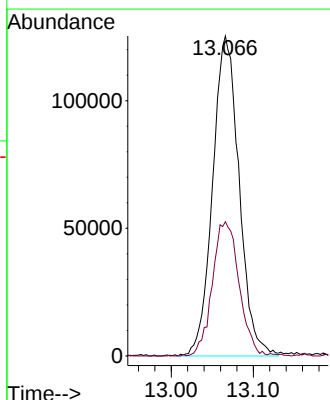
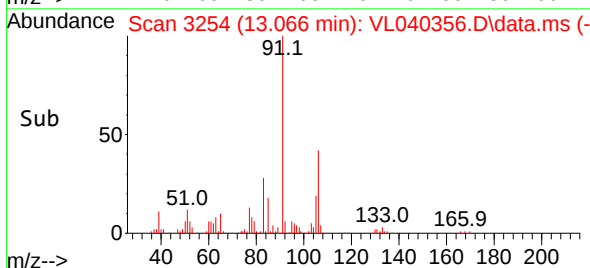
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

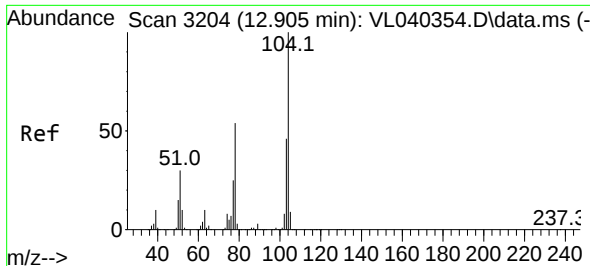


#60
o-Xylene
Concen: 1.132 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. -0.003 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23



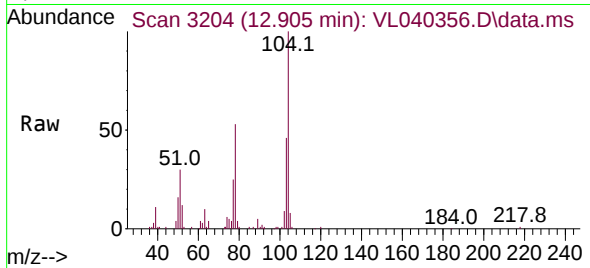
Tgt Ion: 91 Resp: 281104
Ion Ratio Lower Upper
91 100
106 42.7 21.7 65.1





#61
Styrene
Concen: 0.980 ppbv
RT: 12.905 min Scan# 31
Delta R.T. -0.004 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

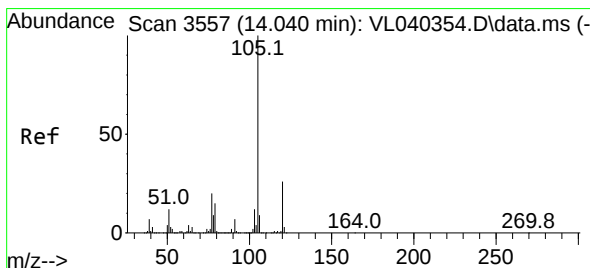
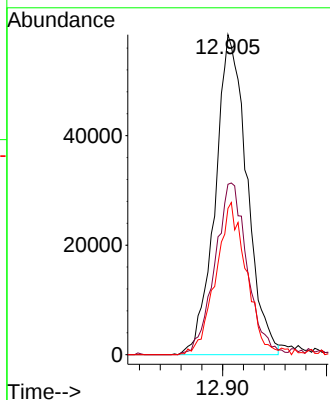
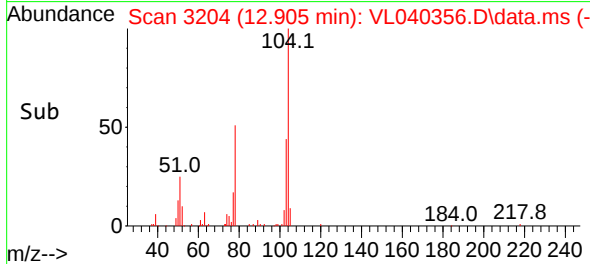
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



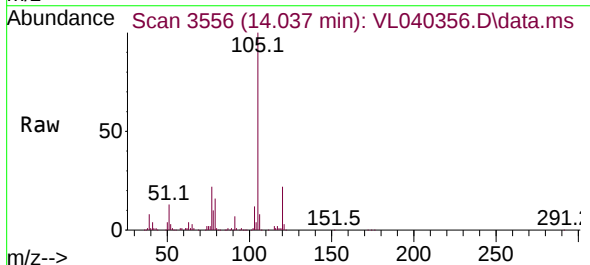
Tgt Ion:104 Resp: 12348
Ion Ratio Lower Upper
104 100
78 56.1 43.7 65.5
103 47.1 37.4 56.2

Manual Integrations
APPROVED

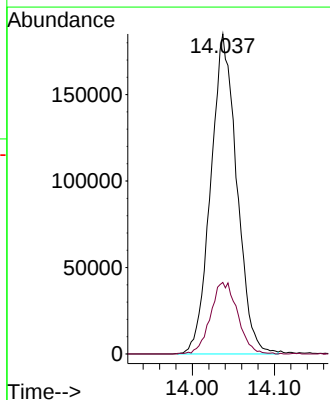
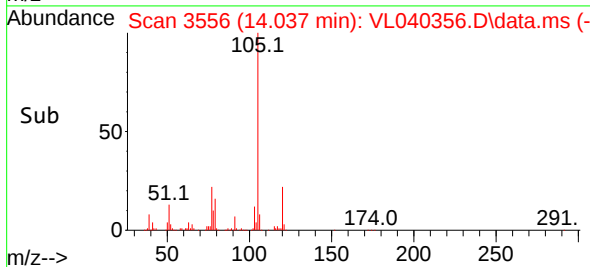
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

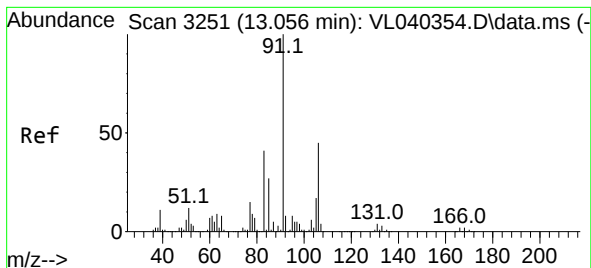


#62
Isopropylbenzene
Concen: 1.156 ppbv
RT: 14.037 min Scan# 3556
Delta R.T. -0.003 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23



Tgt Ion:105 Resp: 408940
Ion Ratio Lower Upper
105 100
120 23.3 19.9 29.9





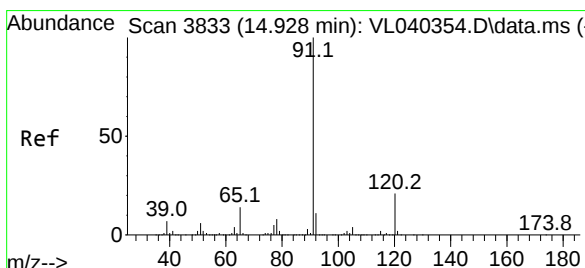
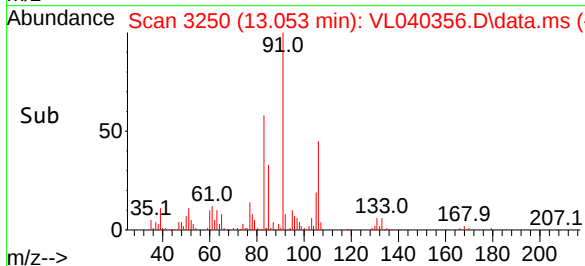
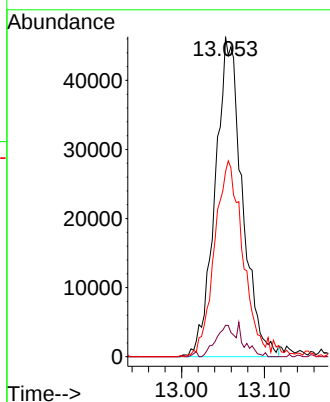
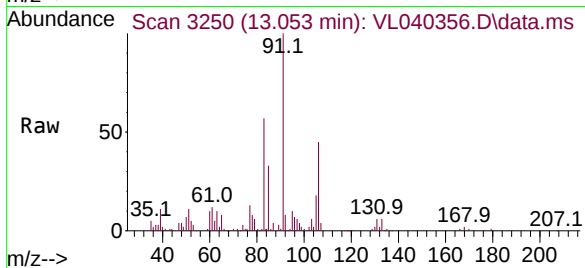
#63
1,1,2,2-Tetrachloroethane
Concen: 1.203 ppbv m
RT: 13.053 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 10511
Ion Ratio Lower Upper
83 100
131 0.0 4.3 12.9
85 66.1 32.7 98.1

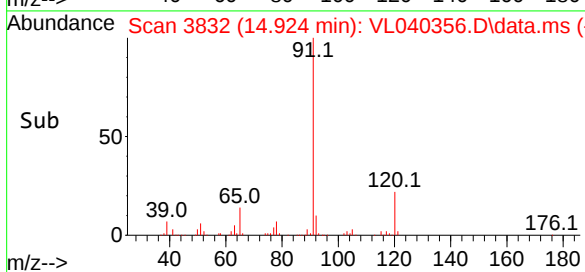
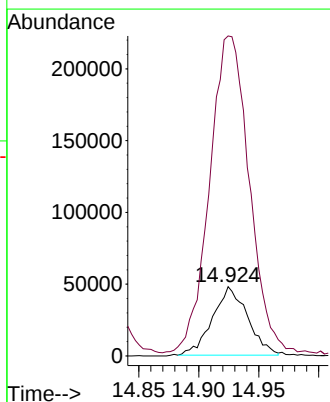
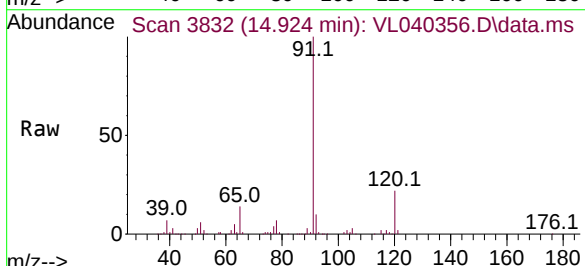
Manual Integrations
APPROVED

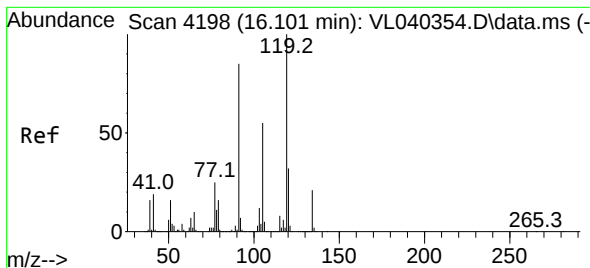
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#64
n-propylbenzene
Concen: 1.120 ppbv
RT: 14.924 min Scan# 3832
Delta R.T. -0.004 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

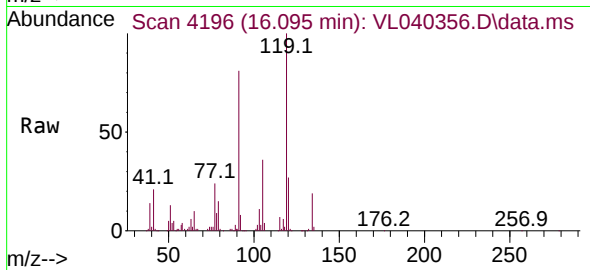
Tgt Ion:120 Resp: 96929
Ion Ratio Lower Upper
120 100
91 545.5 399.0 598.6





#65
tert-Butylbenzene
Concen: 1.194 ppbv m
RT: 16.095 min Scan# 4198
Delta R.T. -0.006 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

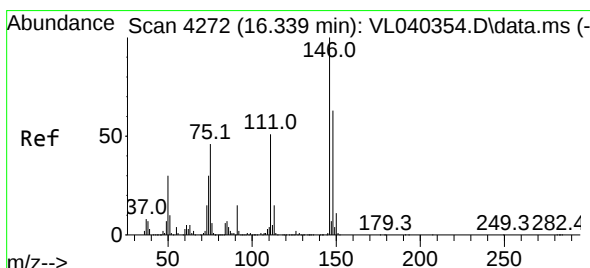
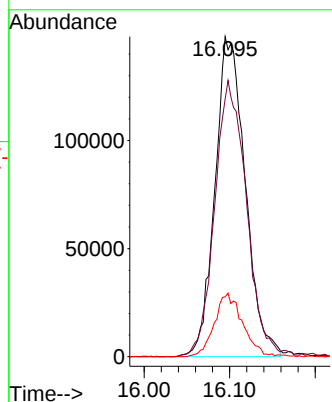
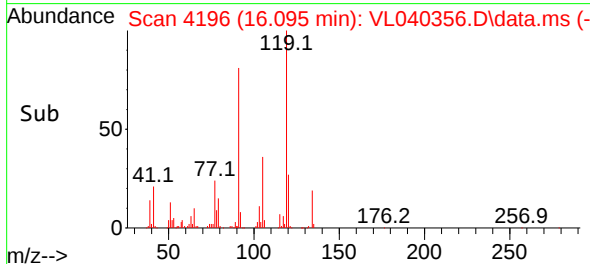
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 119 Resp: 36395
Ion Ratio Lower Upper
119 100
91 0.0 69.4 104.2
134 0.0 15.8 23.6

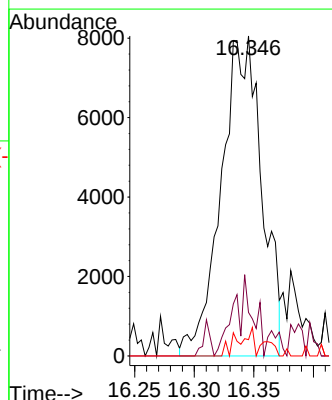
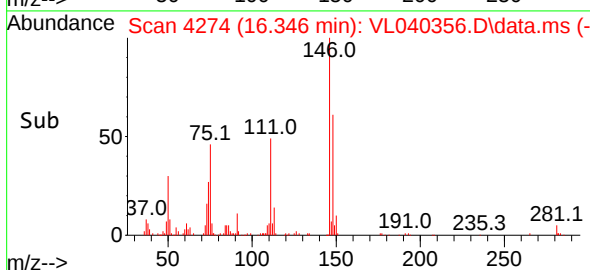
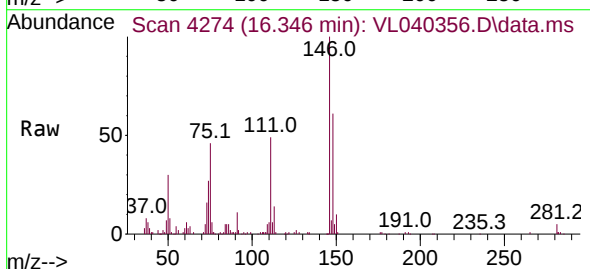
Manual Integrations
APPROVED

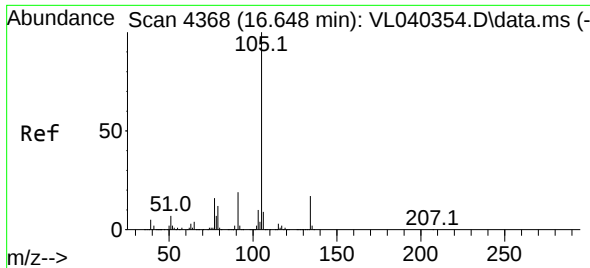
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#66
Benzyl Chloride
Concen: 0.962 ppbv m
RT: 16.346 min Scan# 4274
Delta R.T. 0.003 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

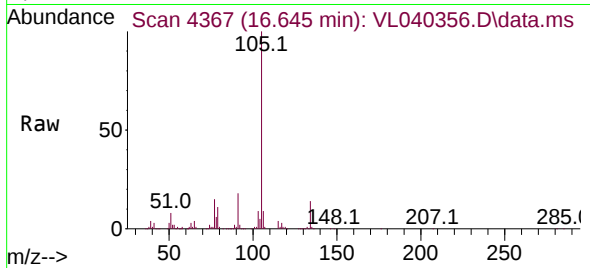
Tgt Ion: 91 Resp: 19047
Ion Ratio Lower Upper
91 100
126 20.5 12.1 18.1
128 5.0 3.8 5.6





#67
 sec-Butylbenzene
 Concen: 1.187 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040356.D
 Acq: 13 Apr 2023 11:23

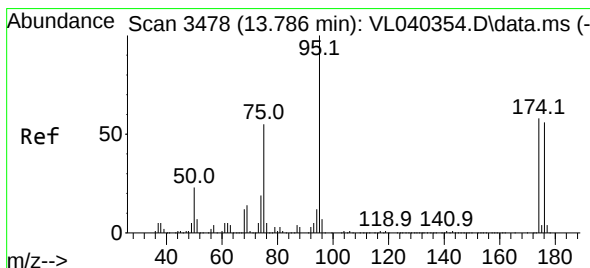
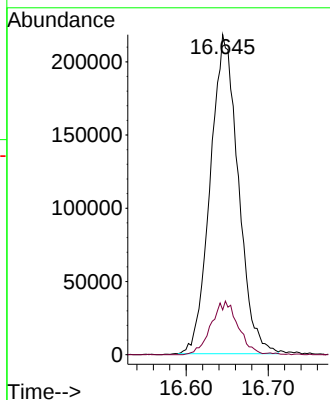
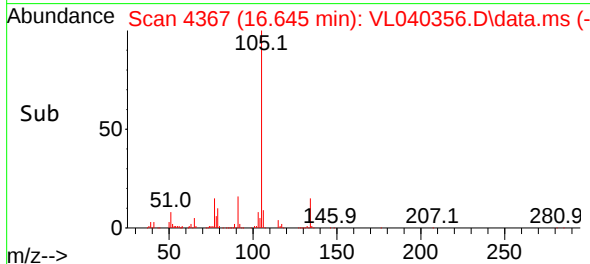
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion:105 Resp: 517450
 Ion Ratio Lower Upper
 105 100
 134 16.4 14.0 21.0

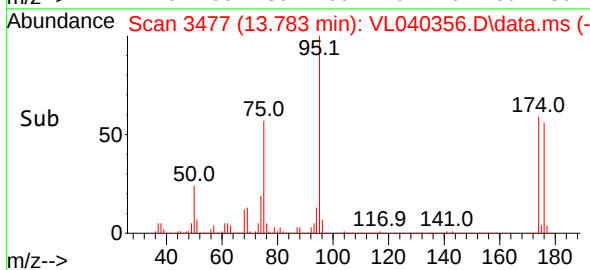
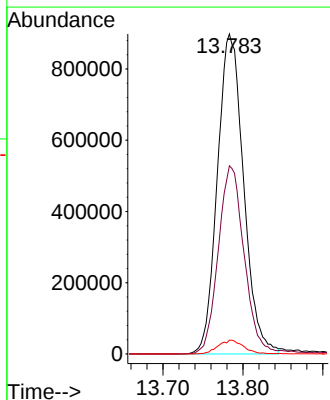
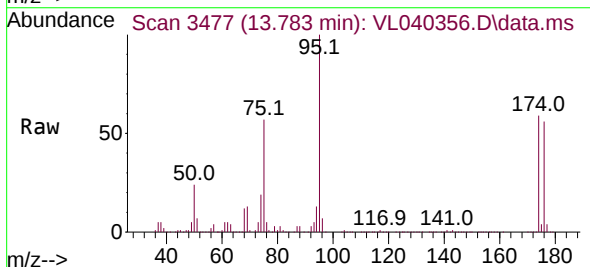
Manual Integrations
 APPROVED

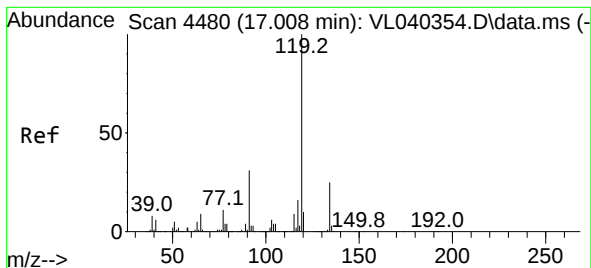
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.803 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. -0.003 min
 Lab File: VL040356.D
 Acq: 13 Apr 2023 11:23

Tgt Ion: 95 Resp: 2044658
 Ion Ratio Lower Upper
 95 100
 174 59.1 47.0 70.6
 175 4.3 3.4 5.2





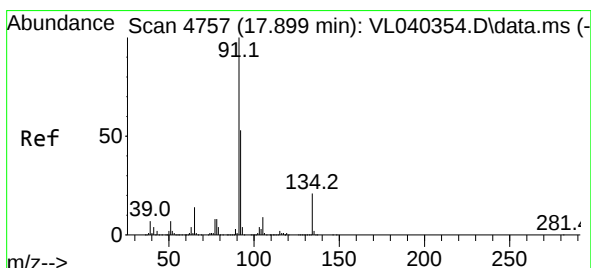
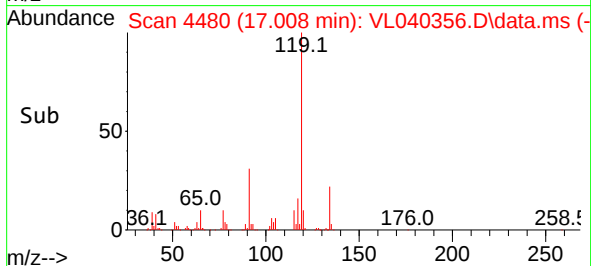
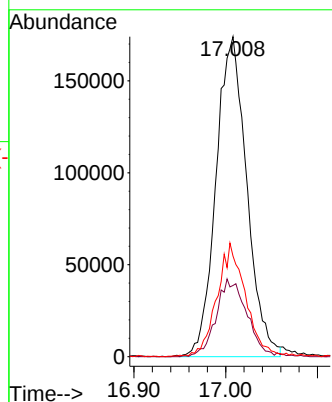
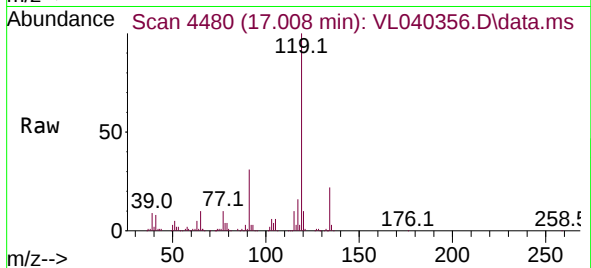
#69
p-Isopropyltoluene
Concen: 1.194 ppbv
RT: 17.008 min Scan# 4480
Delta R.T. -0.000 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 119 Resp: 40528
Ion Ratio Lower Upper
119 100
134 24.4 20.2 30.2
91 33.5 25.1 37.7

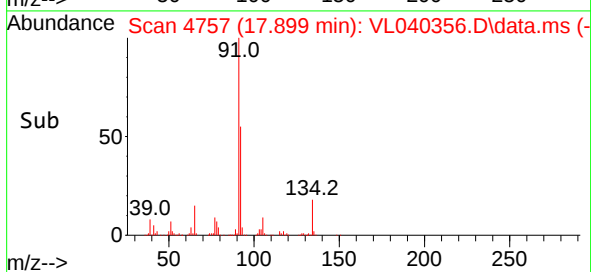
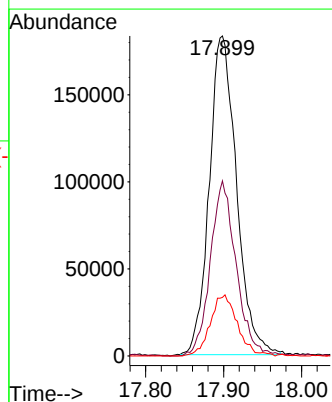
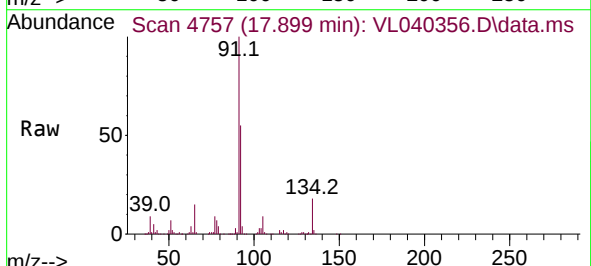
Manual Integrations
APPROVED

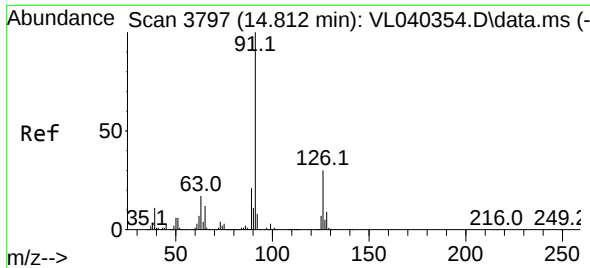
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#70
n-Butylbenzene
Concen: 1.192 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. -0.000 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

Tgt Ion: 91 Resp: 445793
Ion Ratio Lower Upper
91 100
92 52.4 42.9 64.3
134 19.2 16.8 25.2





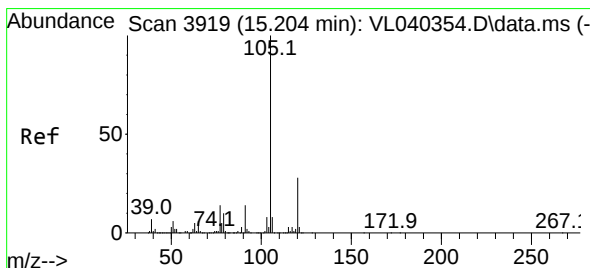
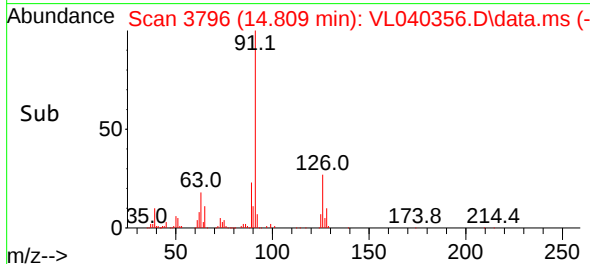
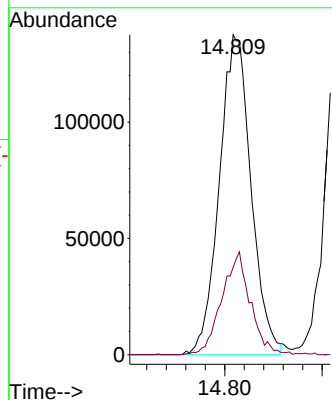
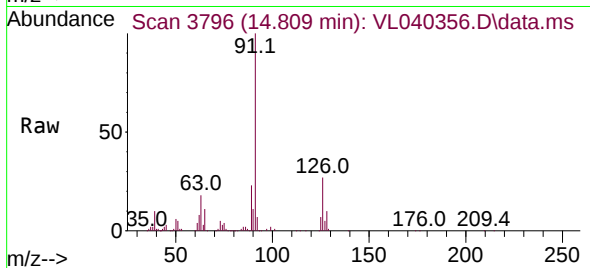
#71
2-Chlorotoluene
Concen: 1.153 ppbv
RT: 14.809 min Scan# 31039
Delta R.T. -0.003 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 31039
Ion Ratio Lower Upper
91 100
126 29.2 11.8 47.4

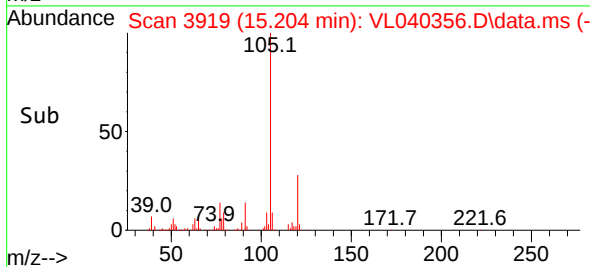
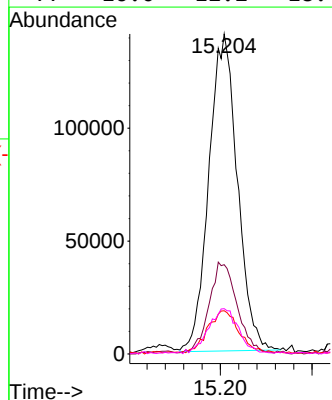
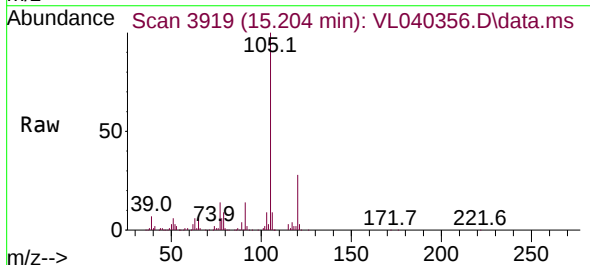
Manual Integrations
APPROVED

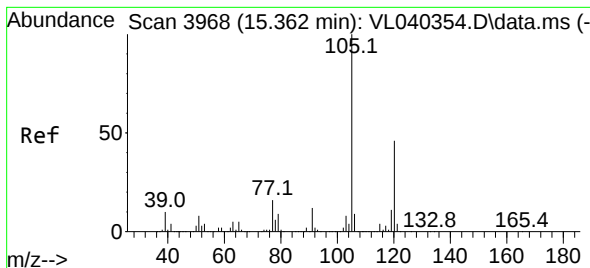
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#72
4-Ethyltoluene
Concen: 1.114 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.000 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

Tgt Ion:105 Resp: 302534
Ion Ratio Lower Upper
105 100
120 28.8 23.7 35.5
91 16.5 11.6 17.4
77 16.0 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 1.131 ppbv

RT: 15.362 min Scan# 3968

Delta R.T. -0.000 min

Lab File: VL040356.D

Acq: 13 Apr 2023 11:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 278100

Ion Ratio Lower Upper

105 100

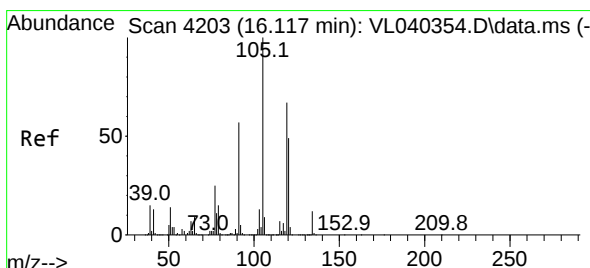
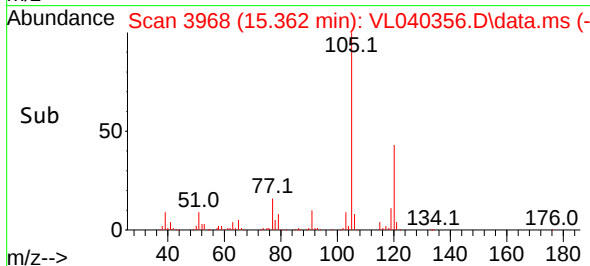
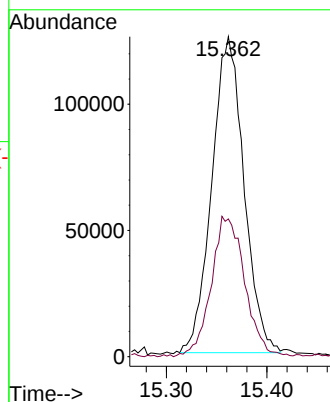
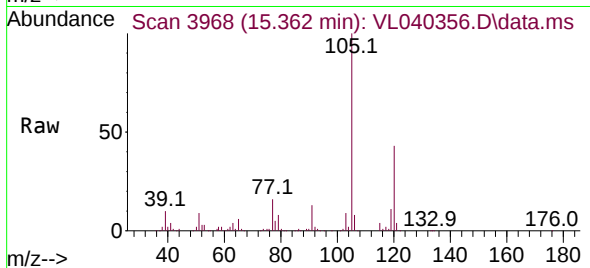
120 42.6 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#74

1,2,4-Trimethylbenzene

Concen: 1.186 ppbv

RT: 16.114 min Scan# 4202

Delta R.T. -0.007 min

Lab File: VL040356.D

Acq: 13 Apr 2023 11:23

Tgt Ion:105 Resp: 332620

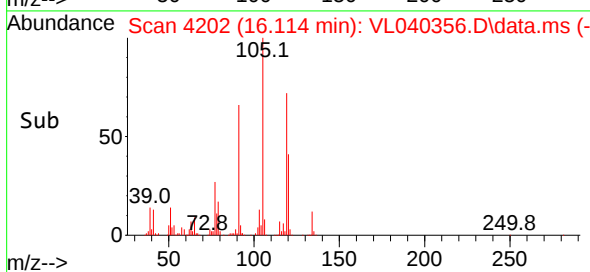
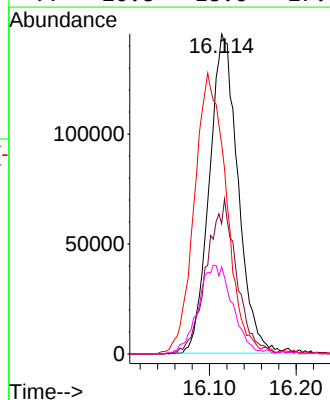
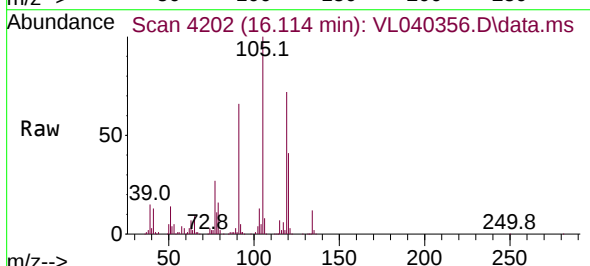
Ion Ratio Lower Upper

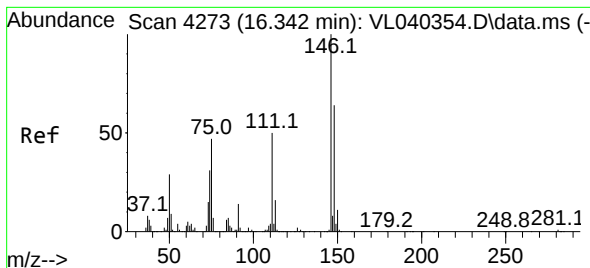
105 100

120 39.8 36.6 54.8

91 65.2 39.9 59.9#

77 26.8 18.6 27.8





#75

1,3-Dichlorobenzene

Concen: 1.171 ppbv

RT: 16.342 min Scan# 4273

Delta R.T. -0.001 min

Lab File: VL040356.D

Acq: 13 Apr 2023 11:23

Instrument :

MSVOA_L

ClientSampleId :

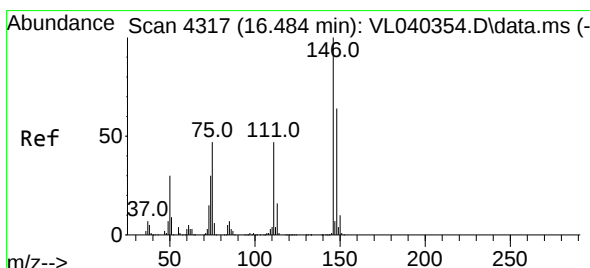
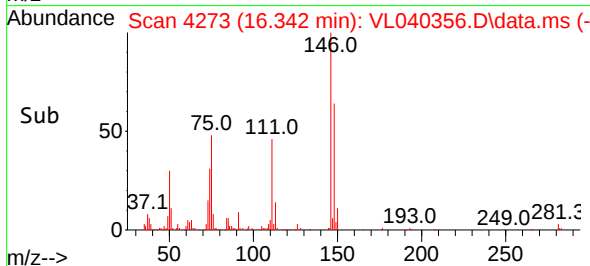
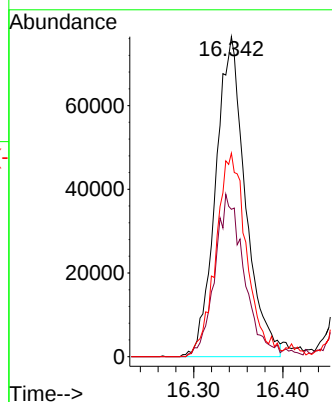
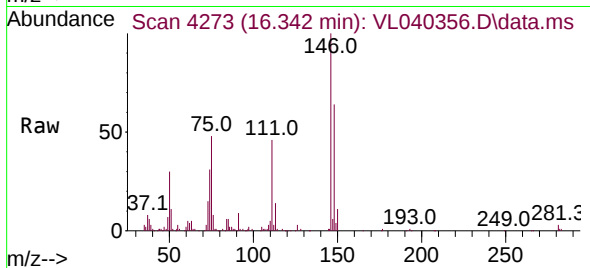
VSTDIC001

Tgt Ion:	146	Resp:	17784
Ion Ratio	Lower	Upper	
146	100		
111	50.9	24.3	73.0
148	67.1	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: 1.176 ppbv

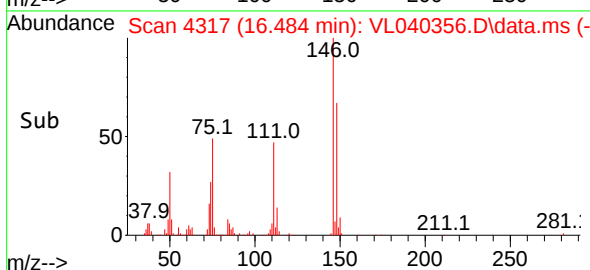
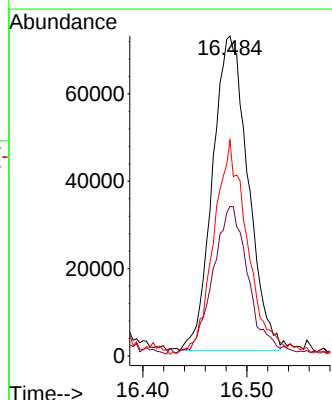
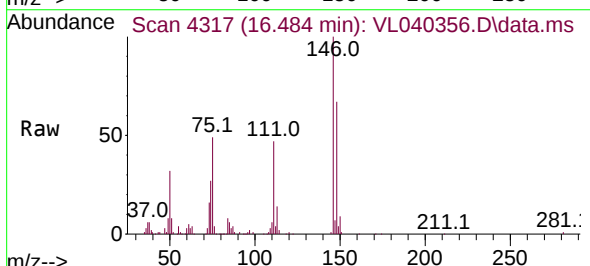
RT: 16.484 min Scan# 4317

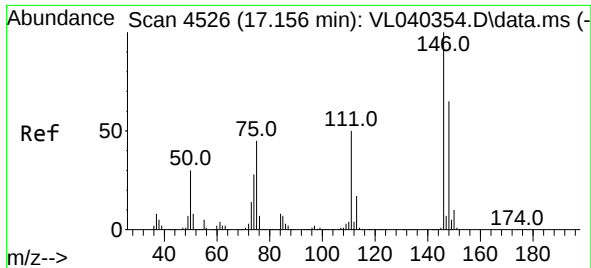
Delta R.T. -0.000 min

Lab File: VL040356.D

Acq: 13 Apr 2023 11:23

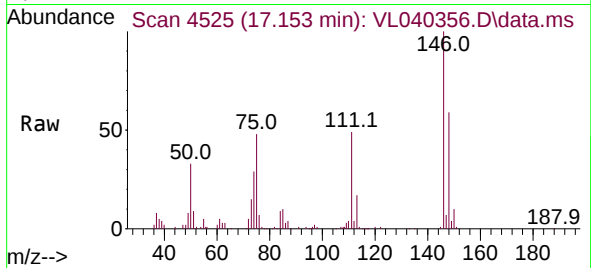
Tgt Ion:	146	Resp:	170421
Ion Ratio	Lower	Upper	
146	100		
111	49.7	23.8	71.2
148	68.7	32.5	97.5





#77
1,2-Dichlorobenzene
Concen: 1.220 ppbv
RT: 17.153 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23

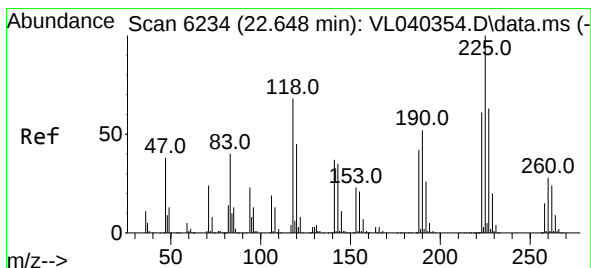
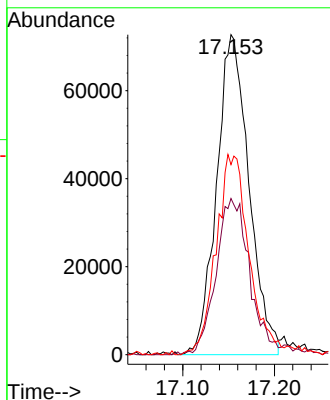
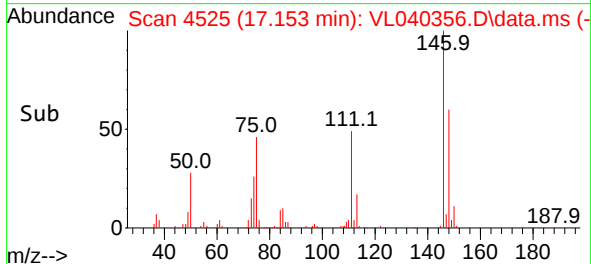
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



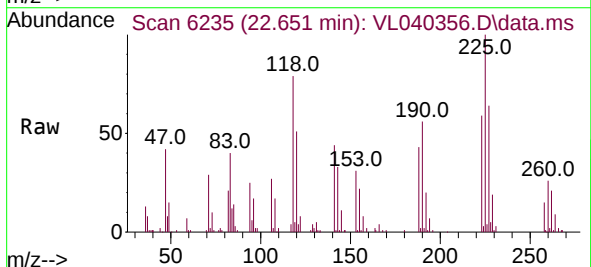
Tgt Ion:146 Resp: 178156
Ion Ratio Lower Upper
146 100
111 52.2 25.2 75.6
148 65.0 32.1 96.3

Manual Integrations
APPROVED

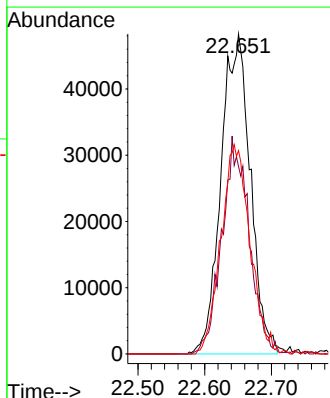
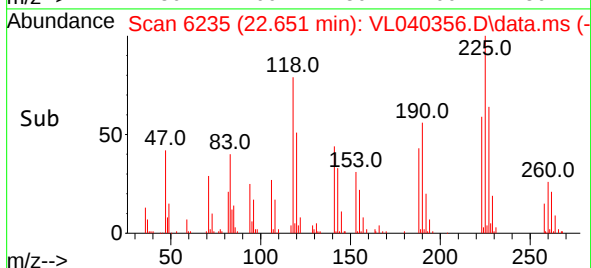
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

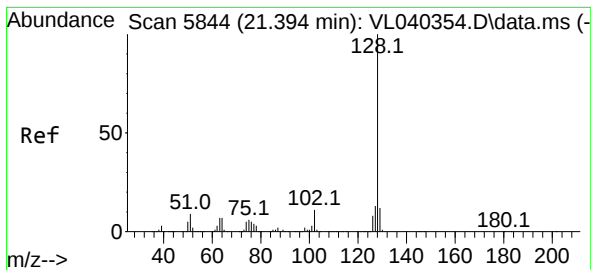


#78
Hexachloro-1,3-Butadiene
Concen: 1.373 ppbv m
RT: 22.651 min Scan# 6235
Delta R.T. 0.003 min
Lab File: VL040356.D
Acq: 13 Apr 2023 11:23



Tgt Ion:225 Resp: 147034
Ion Ratio Lower Upper
225 100
223 0.0 51.0 76.6#
227 0.0 51.4 77.2#





#79

Naphthalene

Concen: 1.299 ppbv

RT: 21.400 min Scan# 5846

Delta R.T. 0.003 min

Lab File: VL040356.D

Acq: 13 Apr 2023 11:23

Instrument :

MSVOA_L

ClientSampleId :

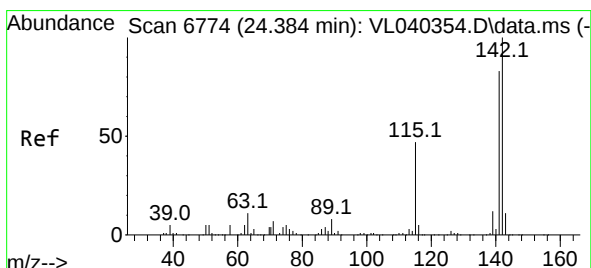
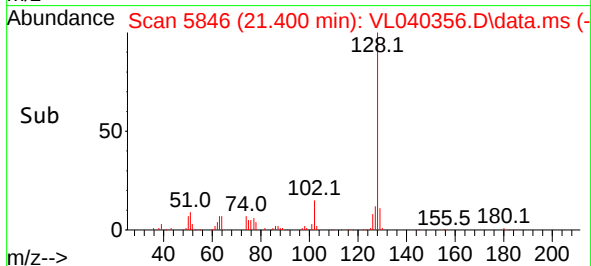
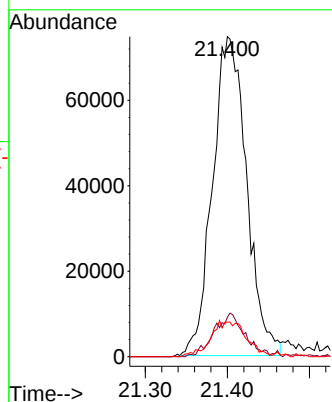
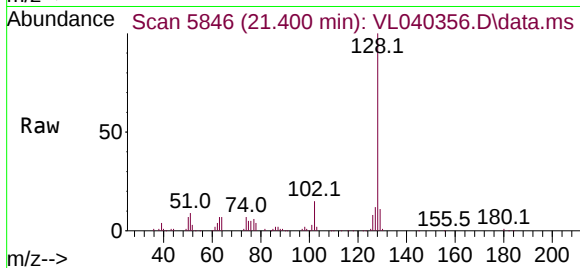
VSTDIC001

Tgt Ion:	128	Resp:	21547
Ion Ratio	Lower	Upper	
128	100		
127	12.4	9.6	14.4
129	10.8	8.6	13.0

Manual Integrations

APPROVED

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



#80

Naphthalene,2-methyl-

Concen: 1.003 ppbv

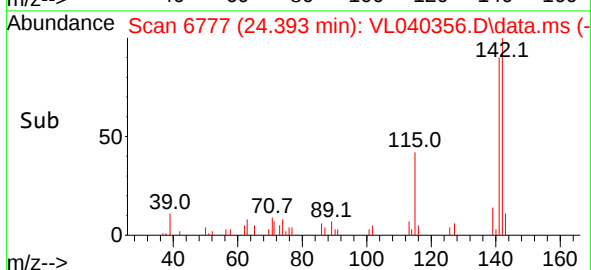
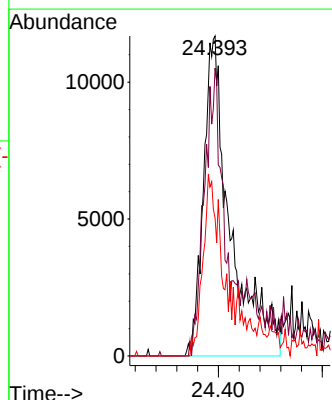
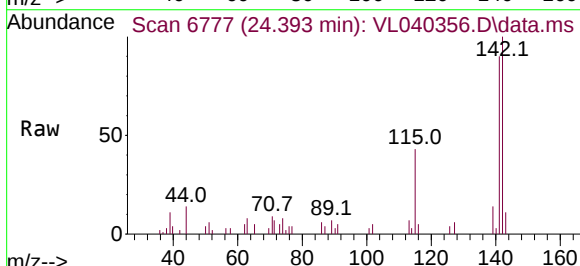
RT: 24.393 min Scan# 6777

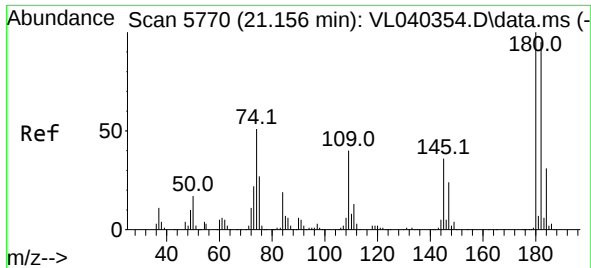
Delta R.T. 0.006 min

Lab File: VL040356.D

Acq: 13 Apr 2023 11:23

Tgt Ion:	142	Resp:	42162
Ion Ratio	Lower	Upper	
142	100		
141	72.5	65.5	98.3
115	42.1	33.5	50.3





#81

1,2,4-Trichlorobenzene

Concen: 1.232 ppbv m

RT: 21.149 min Scan# 51

Delta R.T. -0.007 min

Lab File: VL040356.D

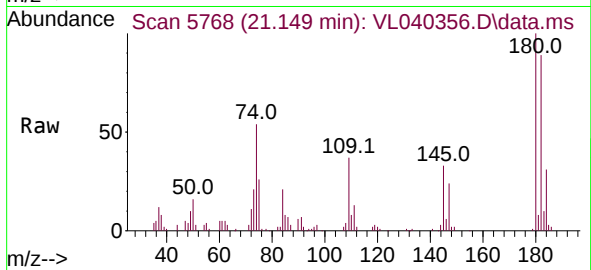
Acq: 13 Apr 2023 11:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001



Tgt Ion:180 Resp: 12589

Ion Ratio Lower Upper

180 100

182 0.0 76.1 114.1

184 31.1 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023

