

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040363.D
 Acq On : 13 Apr 2023 17:10
 Operator : SY/MD
 Sample : VL0413ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0413ABS01

Manual Integrations
 APPROVED

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

Quant Time: Apr 14 08:34:01 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 : Thu Apr 13 14:37:02 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1032076	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2548208	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2483450	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.796 95 2126538 10.355 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	1556426	8.364	ppbv	99
3) Chlorodifluoromethane	2.665	51	1206428	8.946	ppbv	99
4) Chloromethane	2.803	50	758951	8.909	ppbv	97
5) Vinyl Chloride	2.909	62	664679	9.452	ppbv	96
6) Bromomethane	3.112	94	219964	9.494	ppbv	88
7) Chloroethane	3.189	64	249474	9.368	ppbv	98
8) Dichlorotetrafluoroethane	2.848	85	1667783	9.171	ppbv	99
9) Propene	2.684	41	478570	8.982	ppbv	99
10) Heptane	7.587	43	1232158	10.176	ppbv	99
11) Trichlorofluoromethane	3.555	101	1729199	9.179	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.063	101	1203803	9.137	ppbv	99
13) Ethanol	3.234	45	28838	6.484	ppbv	89
14) Bromoethene	3.359	108	501768	9.314	ppbv	98
15) Acetone	3.459	43	1163821	7.962	ppbv	100
16) 1,3-Butadiene	2.976	39	575392	9.511	ppbv	99
17) tert-Butyl alcohol	3.870	59	1250105	9.313	ppbv	100
18) 1,1-Dichloroethene	3.877	96	556068	9.358	ppbv	99
19) Isopropyl Alcohol	3.568	45	597743	8.962	ppbv #	97
20) Methylene Chloride	3.928	84	478362	8.197	ppbv	99
21) Allyl Chloride	3.993	41	779532	9.385	ppbv	98
22) trans-1,2-Dichloroethene	4.443	96	550801	9.272	ppbv	100
23) Vinyl Acetate	4.626	43	341218	9.168	ppbv #	96
24) 1,1-Dichloroethane	4.562	63	1112848	8.984	ppbv	100
25) Ethyl Acetate	5.205	43	2275235	9.250	ppbv	100
26) Hexane	5.214	57	963591	9.292	ppbv	99
27) Carbon Disulfide	4.121	76	1369925	10.208	ppbv	100
28) Methyl tert-Butyl Ether	4.584	73	972593	9.086	ppbv	100
29) Chloroform	5.275	83	1696172	9.182	ppbv	99
30) Cyclohexane	6.607	84	801232	9.976	ppbv	98
31) cis-1,2-Dichloroethene	5.079	61	995478	9.685	ppbv	99
32) 1,1,1-Trichloroethane	6.005	97	1733658	9.659	ppbv	100
34) 2-Butanone	4.783	43	1354113	9.855	ppbv	100
35) Carbon Tetrachloride	6.500	117	1789461	9.976	ppbv	98
36) Benzene	6.375	78	2035453	9.790	ppbv	99
37) 1,2-Dichloroethane	5.812	62	1354583	9.919	ppbv	100
38) Trichloroethene	7.301	130	1272019	10.750	ppbv	95
39) 1,2-Dichloropropane	7.082	63	791640	9.677	ppbv	98
40) 1,4-Dioxane	7.298	88	265459	8.473	ppbv #	90
41) Tetrahydrofuran	5.558	42	772723	10.268	ppbv	98
42) Bromodichloromethane	7.256	83	1882322	10.093	ppbv	100
43) Methyl Methacrylate	7.481	69	830746	10.758	ppbv	99
44) 2,2,4-Trimethylpentane	7.333	57	3410283	9.821	ppbv	100
45) t-1,3-Dichloropropene	8.722	75	829330	12.024	ppbv	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040363.D
 Acq On : 13 Apr 2023 17:10
 Operator : SY/MD
 Sample : VL0413ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0413ABS01

Manual Integrations
 APPROVED

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

Quant Time: Apr 14 08:34:01 2023

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

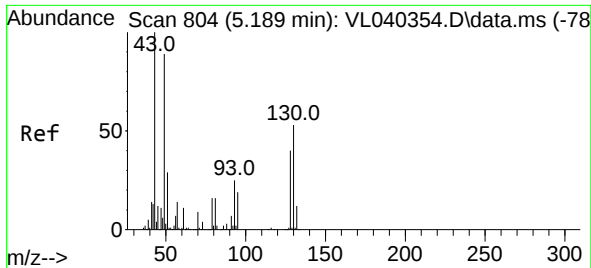
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Thu Apr 13 14:37:02 2023

Response via : Initial Calibration

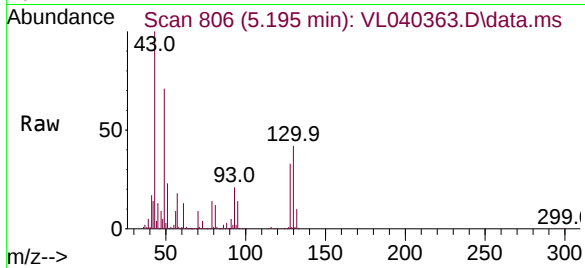
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	1106173	11.522	ppbv	96
47) 1,1,2-Trichloroethane	8.912	97	877021	9.778	ppbv	98
48) Dibromochloromethane	9.722	129	1537222	10.642	ppbv	99
49) Bromoform	12.423	173	1269813	11.271	ppbv	99
50) 4-Methyl-2-Pentanone	8.188	43	2140997	10.276	ppbv	99
51) 2-Hexanone	9.561	43	1667993	10.835	ppbv #	99
52) Tetrachloroethene	10.632	164	700482	10.771	ppbv	95
53) Toluene	9.233	91	2368869	10.747	ppbv	99
54) 1,2-Dibromoethane	10.021	107	977516	10.750	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.523	131	1101375	9.716	ppbv	98
57) Chlorobenzene	11.545	112	1874024	9.638	ppbv	98
58) Ethyl Benzene	12.105	91	3308362	10.829	ppbv	99
59) m/p-Xylene	12.388	91	5844187m	20.802	ppbv	
60) o-Xylene	13.076	91	2792195	10.356	ppbv	99
61) Styrene	12.915	104	1588481	11.761	ppbv	99
62) Isopropylbenzene	14.047	105	3940794	10.149	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.066	83	873939	8.857	ppbv	100
64) n-propylbenzene	14.934	120	1008928	10.560	ppbv	98
65) tert-Butylbenzene	16.108	119	3475507	10.173	ppbv	99
66) Benzyl Chloride	16.346	91	249130m	11.778	ppbv	
67) sec-Butylbenzene	16.658	105	4982381	10.154	ppbv	100
69) p-Isopropyltoluene	17.015	119	3977631	10.381	ppbv	99
70) n-Butylbenzene	17.905	91	4363695	10.273	ppbv	100
71) 2-Chlorotoluene	14.822	91	3063809	10.277	ppbv	100
72) 4-Ethyltoluene	15.214	105	3234407	10.866	ppbv	99
73) 1,3,5-Trimethylbenzene	15.368	105	2905693	10.568	ppbv	97
74) 1,2,4-Trimethylbenzene	16.127	105	3178886	10.115	ppbv	97
75) 1,3-Dichlorobenzene	16.352	146	1748286	10.157	ppbv	99
76) 1,4-Dichlorobenzene	16.494	146	1691170	9.944	ppbv	99
77) 1,2-Dichlorobenzene	17.162	146	1668106	9.800	ppbv	100
78) Hexachloro-1,3-Butadiene	22.654	225	1250597	9.165	ppbv	99
79) Naphthalene	21.403	128	2685459	12.659	ppbv	99
80) Naphthalene,2-methyl-	24.387	142	873916	13.840	ppbv	99
81) 1,2,4-Trichlorobenzene	21.162	180	1403945	10.770	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

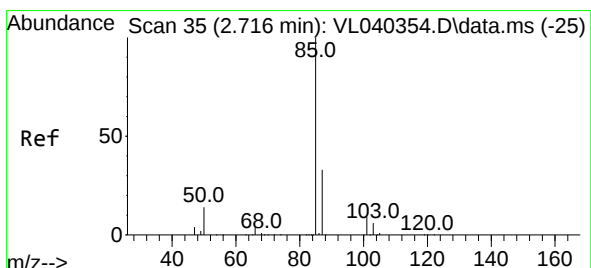
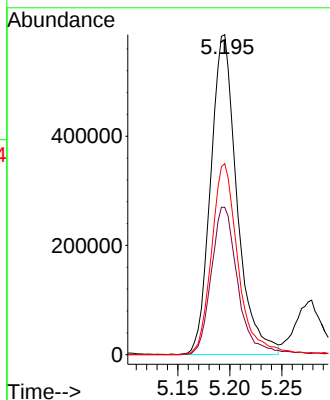
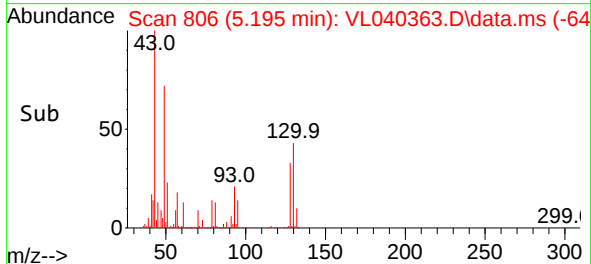
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



Tgt Ion: 49 Resp: 1032070
Ion Ratio Lower Upper
49 100
128 47.3 23.7 71.1
130 61.4 29.9 89.8

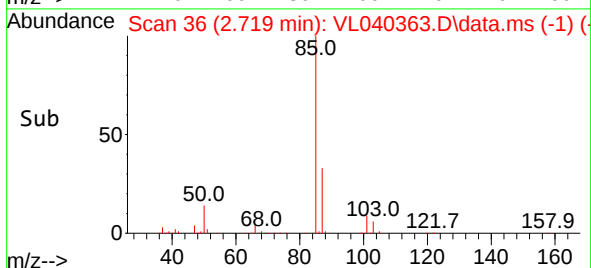
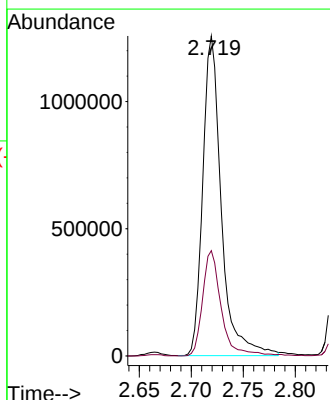
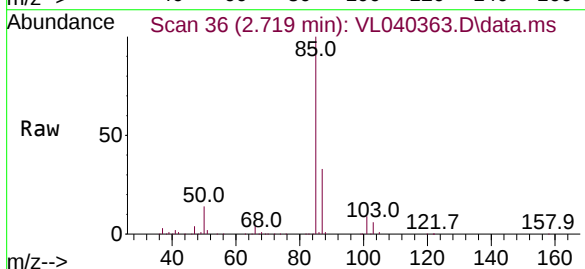
Manual Integrations
APPROVED

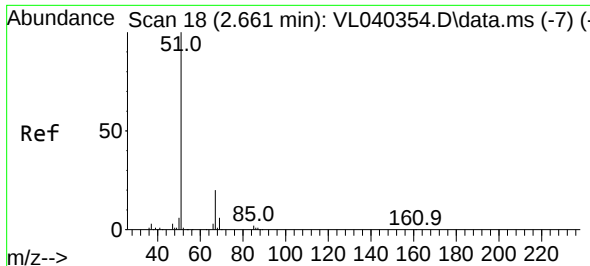
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#2
Dichlorodifluoromethane
Concen: 8.364 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.003 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

Tgt Ion: 85 Resp: 1556426
Ion Ratio Lower Upper
85 100
87 32.9 26.6 40.0





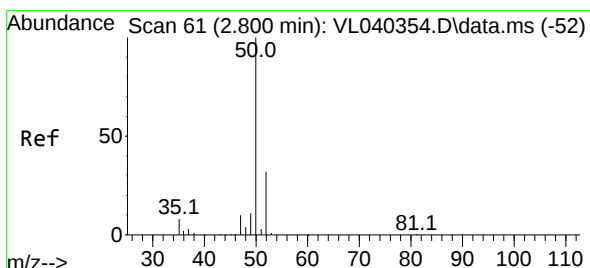
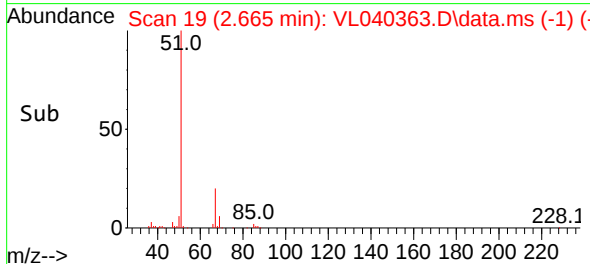
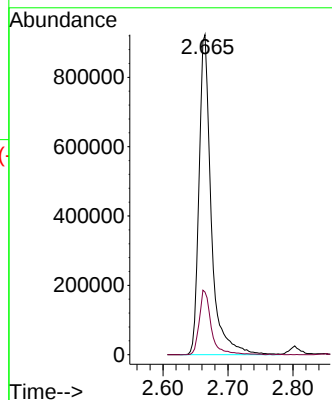
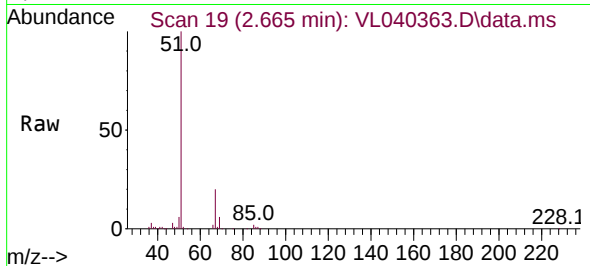
#3
Chlorodifluoromethane
Concen: 8.946 ppbv
RT: 2.665 min Scan# 19
Delta R.T. 0.003 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01

Tgt Ion: 51 Resp: 1206428
Ion Ratio Lower Upper
51 100
67 20.0 15.5 23.3

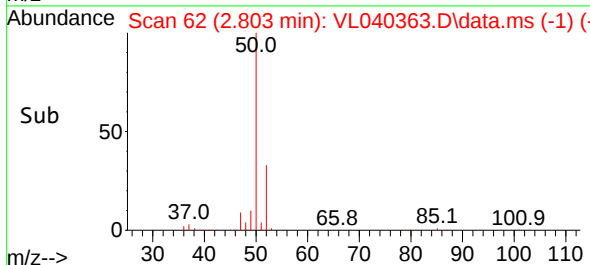
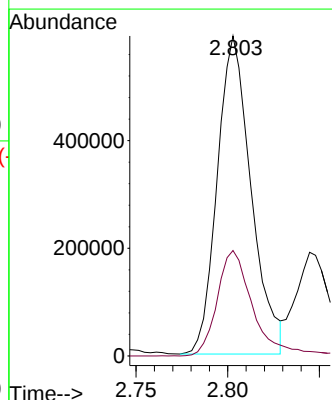
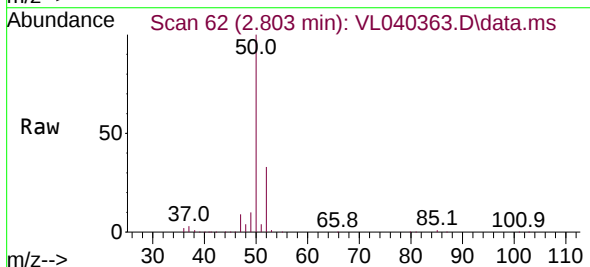
Manual Integrations
APPROVED

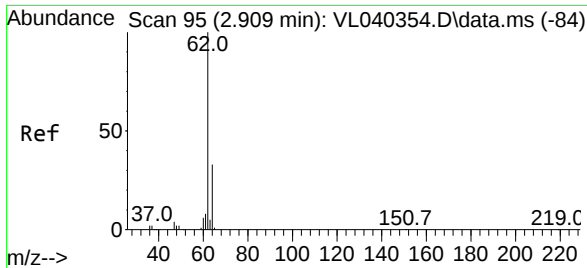
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#4
Chloromethane
Concen: 8.909 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.003 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

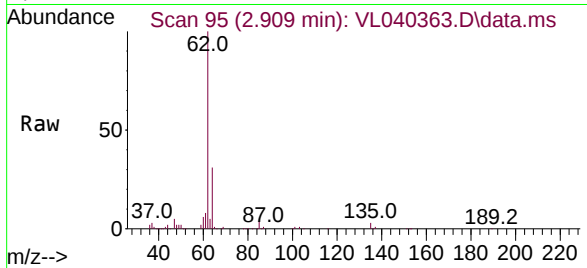
Tgt Ion: 50 Resp: 758951
Ion Ratio Lower Upper
50 100
52 33.2 25.3 37.9





#5
 Vinyl Chloride
 Concen: 9.452 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL040363.D
 Acq: 13 Apr 2023 17:10

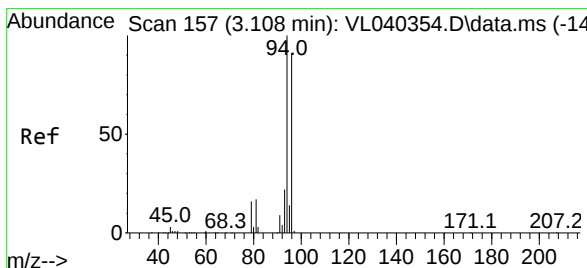
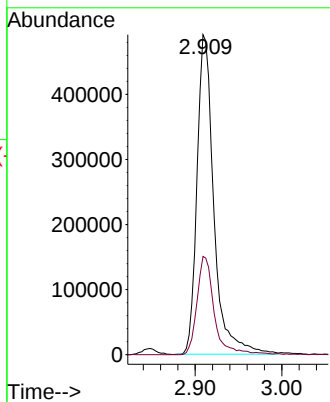
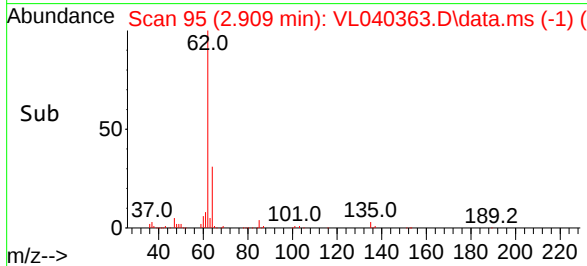
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0413ABS01



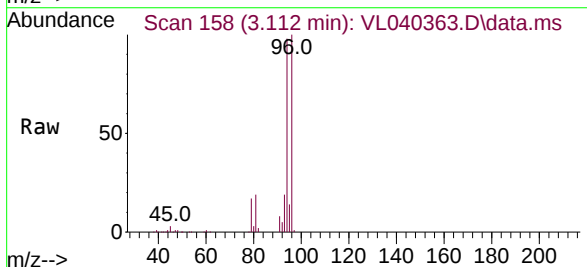
Tgt Ion: 62 Resp: 664679
 Ion Ratio Lower Upper
 62 100
 64 30.7 26.3 39.5

Manual Integrations
 APPROVED

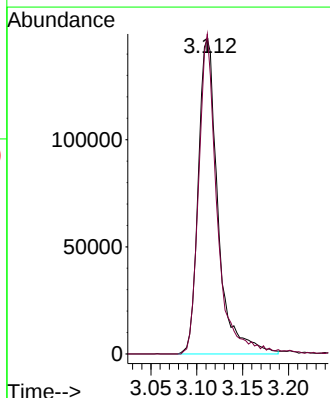
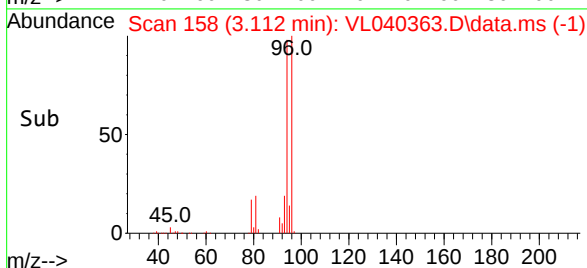
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

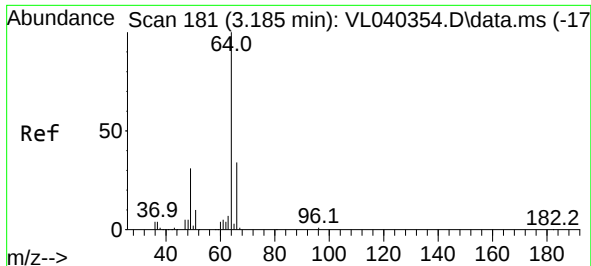


#6
 Bromomethane
 Concen: 9.494 ppbv
 RT: 3.112 min Scan# 158
 Delta R.T. 0.003 min
 Lab File: VL040363.D
 Acq: 13 Apr 2023 17:10



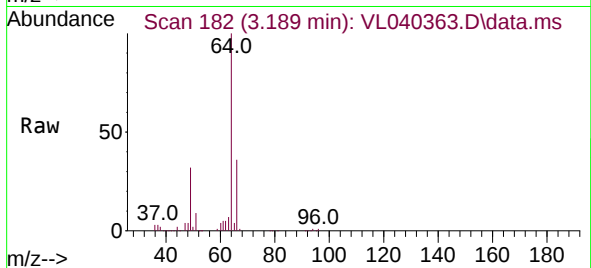
Tgt Ion: 94 Resp: 219964
 Ion Ratio Lower Upper
 94 100
 96 101.6 72.6 108.8





#7
Chloroethane
Concen: 9.368 ppbv
RT: 3.189 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

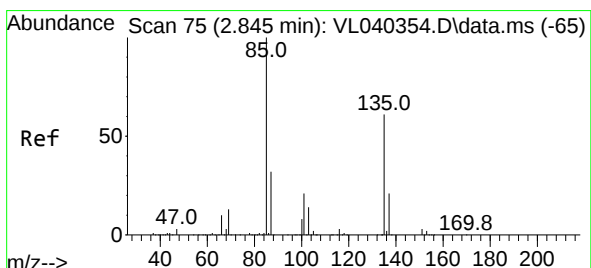
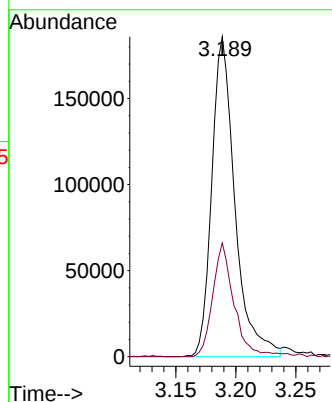
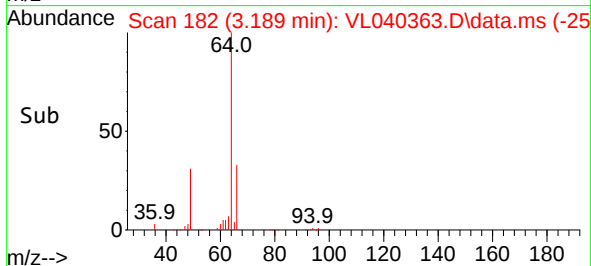
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



Tgt Ion: 64 Resp: 249474
Ion Ratio Lower Upper
64 100
66 35.5 27.5 41.3

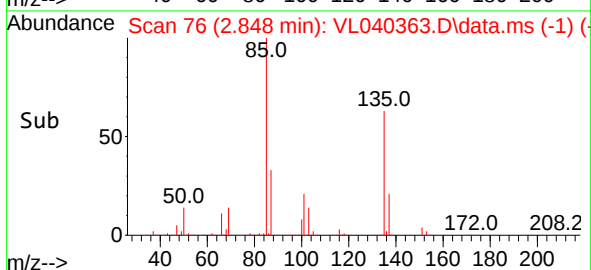
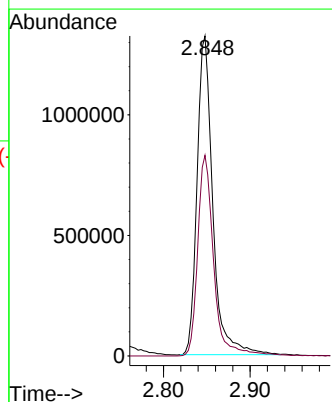
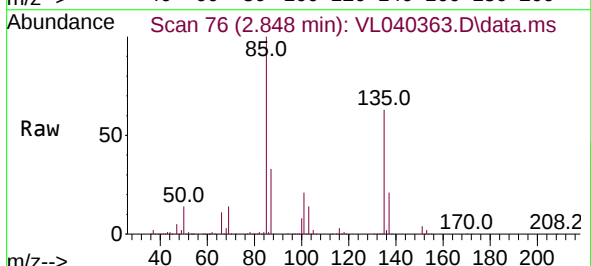
Manual Integrations
APPROVED

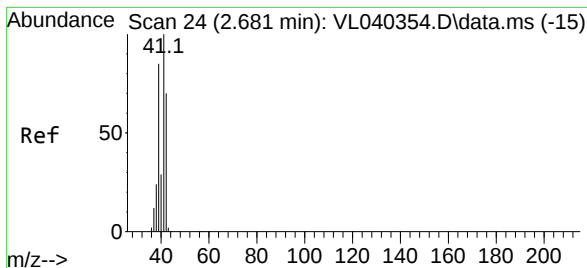
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#8
Dichlorotetrafluoroethane
Concen: 9.171 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.003 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

Tgt Ion: 85 Resp: 1667783
Ion Ratio Lower Upper
85 100
135 64.4 50.7 76.1





#9

Propene

Concen: 8.982 ppbv

RT: 2.684 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040363.D

Acq: 13 Apr 2023 17:10

Instrument :

MSVOA_L

ClientSampleId :

VL0413ABS01

Tgt Ion: 41 Resp: 478570

Ion Ratio Lower Upper

41 100

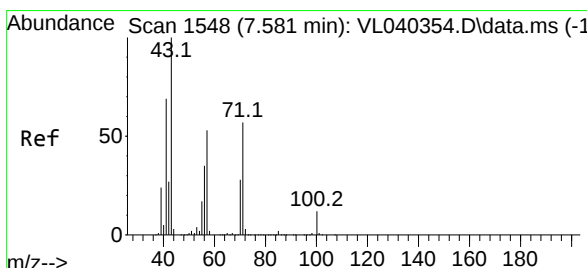
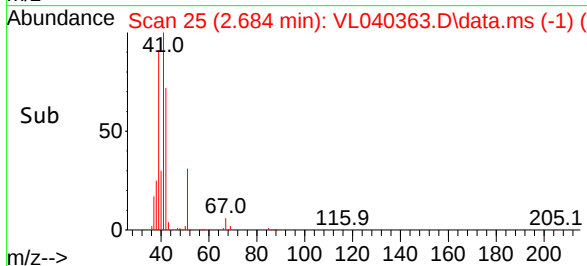
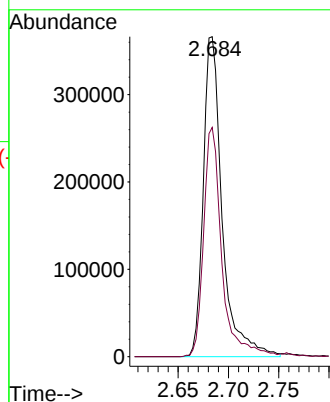
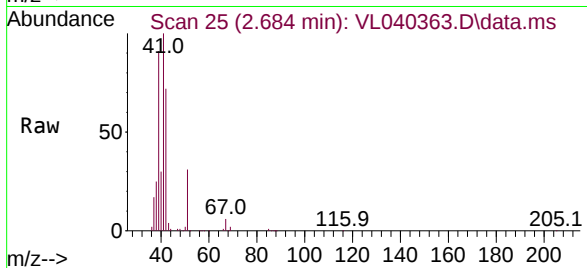
42 70.0 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#10

Heptane

Concen: 10.176 ppbv

RT: 7.587 min Scan# 1550

Delta R.T. 0.006 min

Lab File: VL040363.D

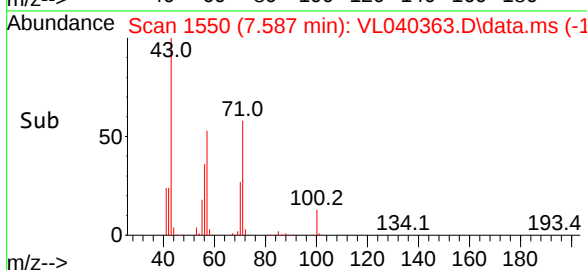
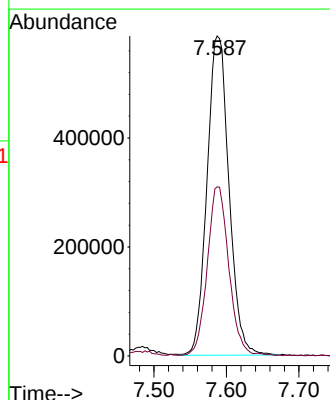
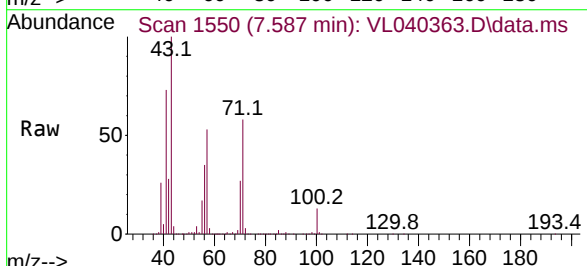
Acq: 13 Apr 2023 17:10

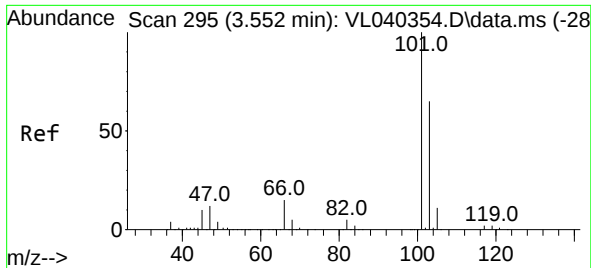
Tgt Ion: 43 Resp: 1232158

Ion Ratio Lower Upper

43 100

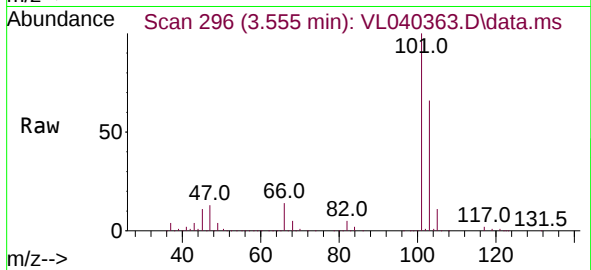
57 52.1 42.2 63.4





#11
 Trichlorofluoromethane
 Concen: 9.179 ppbv
 RT: 3.555 min Scan# 295
 Delta R.T. 0.003 min
 Lab File: VL040363.D
 Acq: 13 Apr 2023 17:10

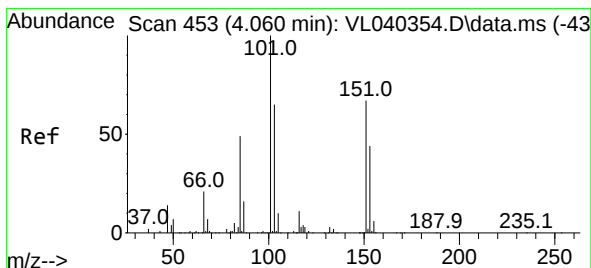
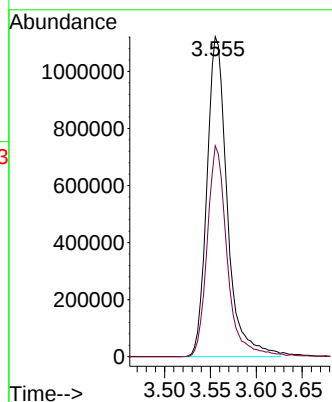
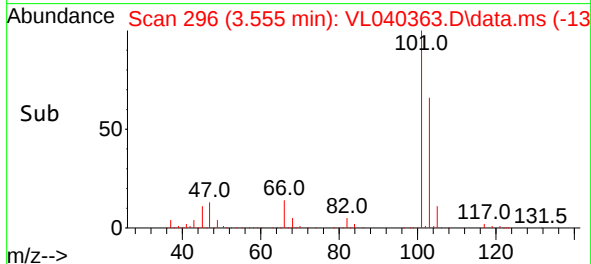
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0413ABS01



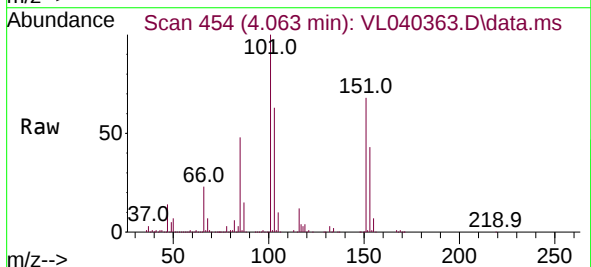
Tgt Ion:101 Resp: 172919
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.2 78.4

Manual Integrations
 APPROVED

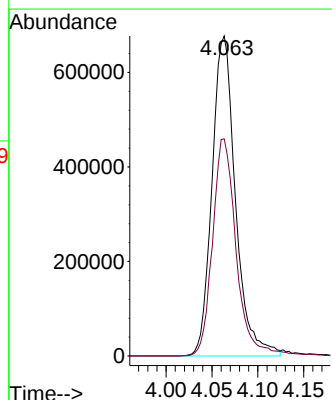
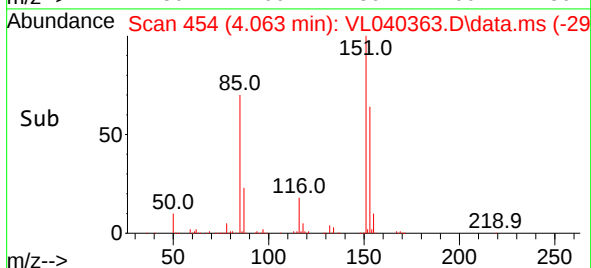
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

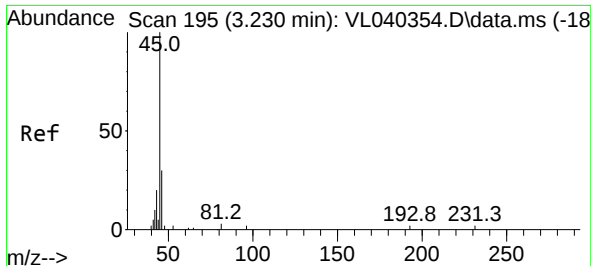


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.137 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. 0.003 min
 Lab File: VL040363.D
 Acq: 13 Apr 2023 17:10



Tgt Ion:101 Resp: 1203803
 Ion Ratio Lower Upper
 101 100
 151 68.9 54.7 82.1





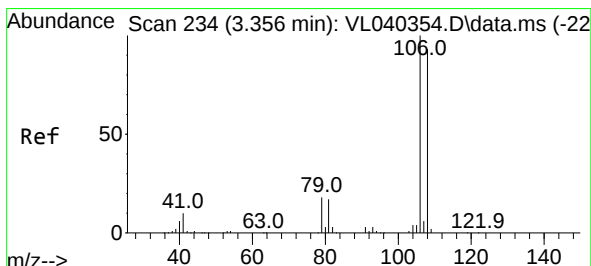
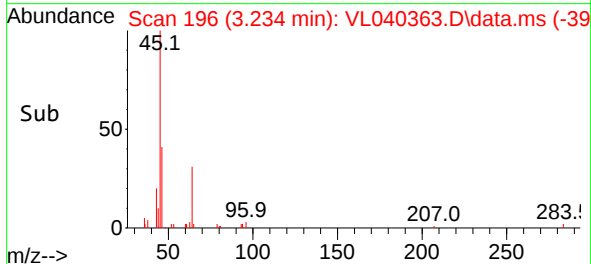
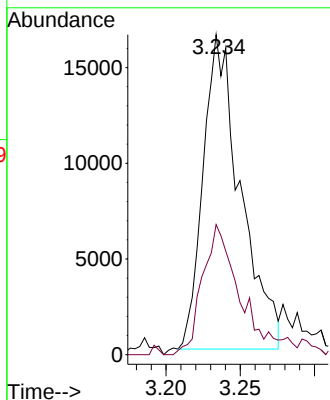
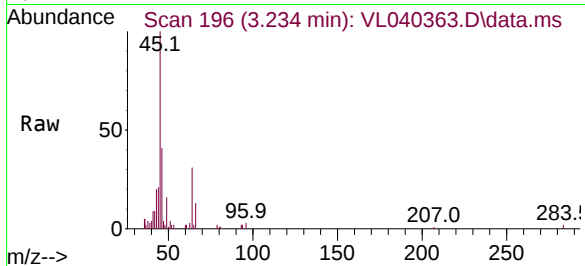
#13
Ethanol
Concen: 6.484 ppbv
RT: 3.234 min Scan# 195
Delta R.T. 0.003 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01

Tgt Ion: 45 Resp: 28838
Ion Ratio Lower Upper
45 100
46 45.2 15.3 61.3

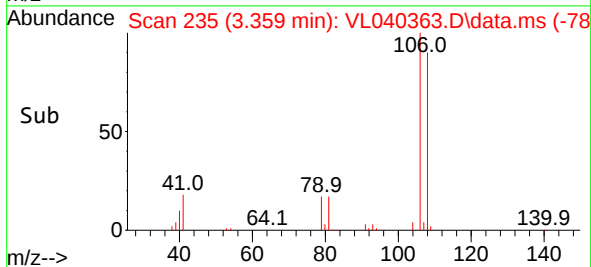
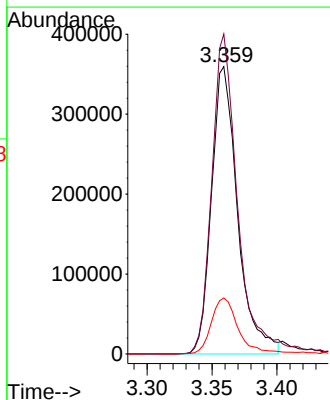
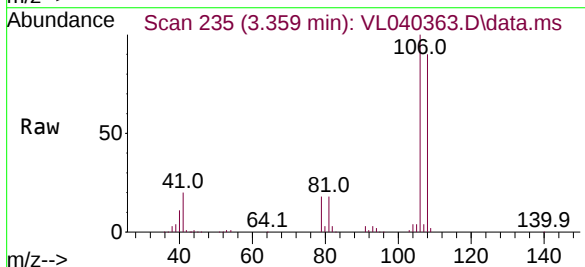
Manual Integrations
APPROVED

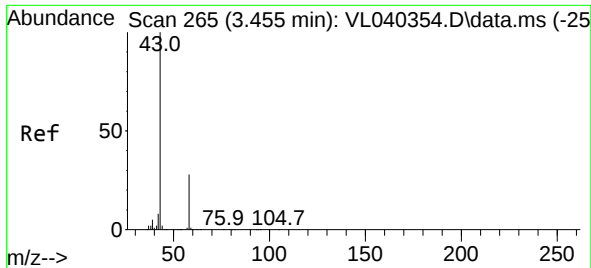
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#14
Bromoethene
Concen: 9.314 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.003 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

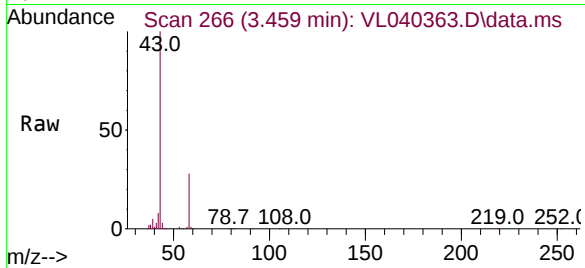
Tgt Ion:108 Resp: 501768
Ion Ratio Lower Upper
108 100
106 112.2 88.3 132.5
79 20.9 16.1 24.1





#15
Acetone
Concen: 7.962 ppbv
RT: 3.459 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

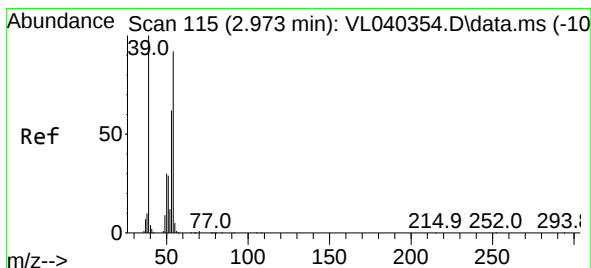
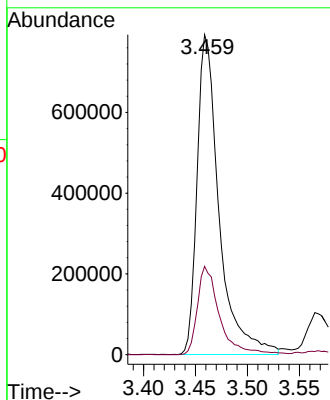
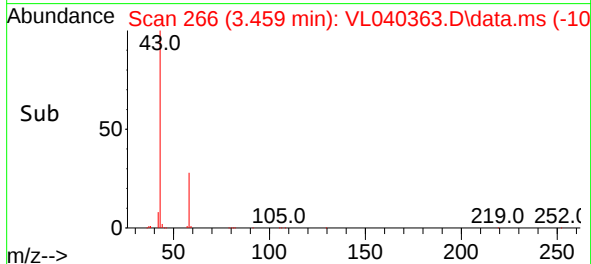
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



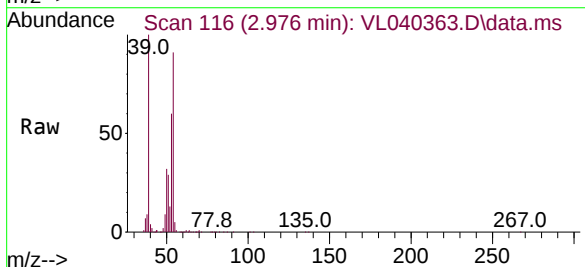
Tgt Ion: 43 Resp: 116382
Ion Ratio Lower Upper
43 100
58 27.8 22.2 33.2

Manual Integrations
APPROVED

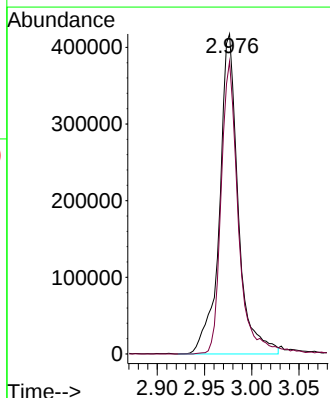
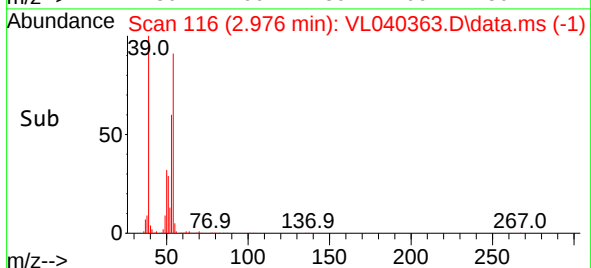
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

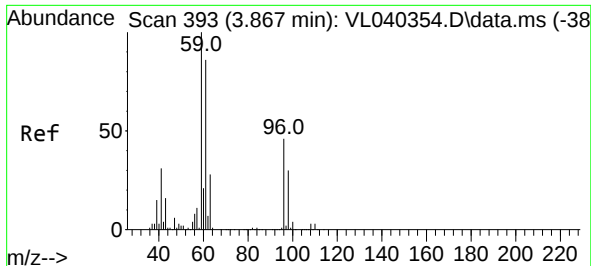


#16
1,3-Butadiene
Concen: 9.511 ppbv
RT: 2.976 min Scan# 116
Delta R.T. 0.003 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10



Tgt Ion: 39 Resp: 575392
Ion Ratio Lower Upper
39 100
54 85.3 68.8 103.2





#17

tert-Butyl alcohol

Concen: 9.313 ppbv

RT: 3.870 min Scan# 393

Delta R.T. 0.003 min

Lab File: VL040363.D

Acq: 13 Apr 2023 17:10

Instrument :

MSVOA_L

ClientSampleId :

VL0413ABS01

Tgt Ion: 59 Resp: 125010

Ion Ratio Lower Upper

59 100

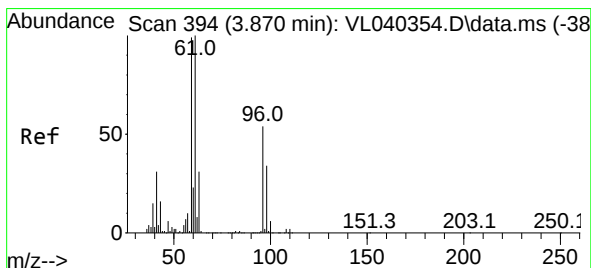
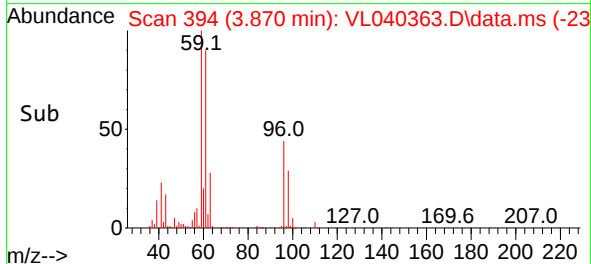
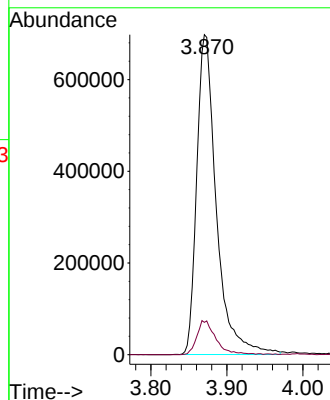
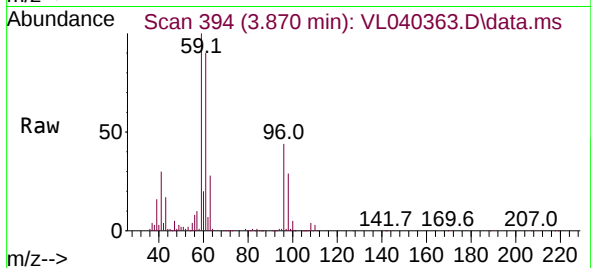
57 10.5 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#18

1,1-Dichloroethene

Concen: 9.358 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.006 min

Lab File: VL040363.D

Acq: 13 Apr 2023 17:10

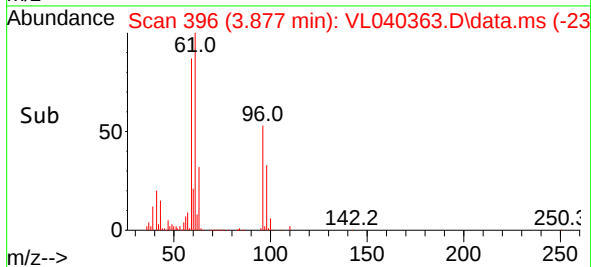
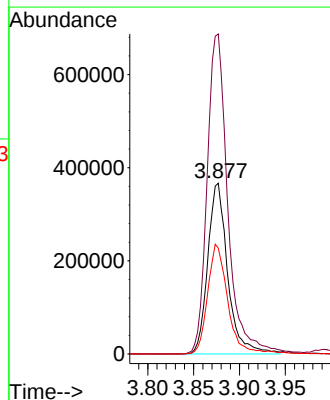
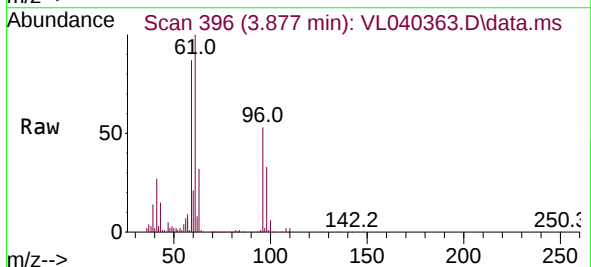
Tgt Ion: 96 Resp: 556068

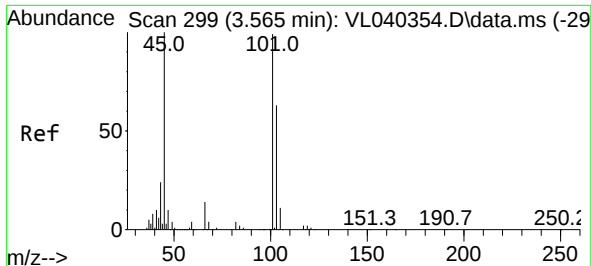
Ion Ratio Lower Upper

96 100

61 187.4 148.3 222.5

98 61.9 49.8 74.8





#19

Isopropyl Alcohol

Concen: 8.962 ppbv

RT: 3.568 min Scan# 300

Delta R.T. 0.003 min

Lab File: VL040363.D

Acq: 13 Apr 2023 17:10

Instrument :

MSVOA_L

ClientSampleId :

VL0413ABS01

Tgt Ion: 45 Resp: 59774

Ion Ratio Lower Upper

45 100

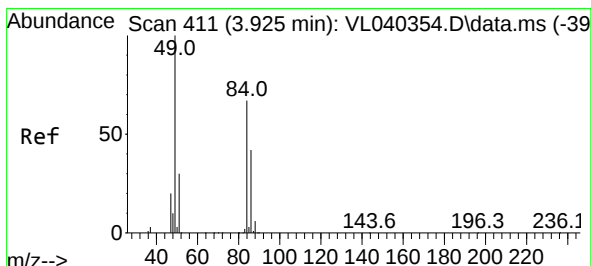
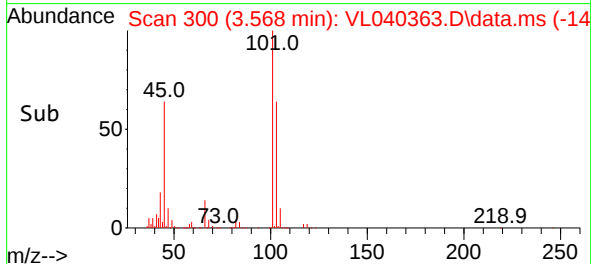
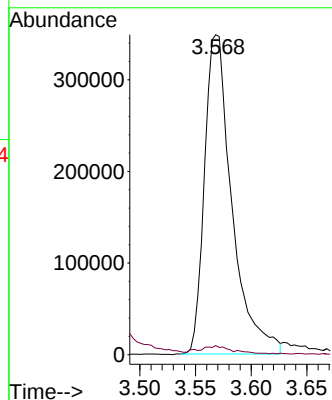
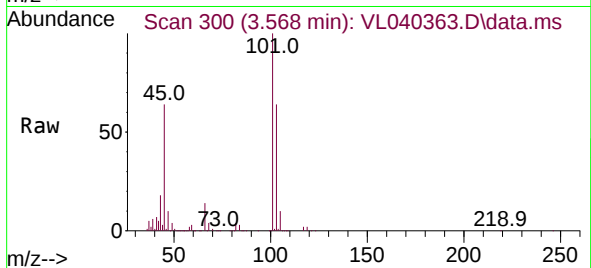
58 4.2 2.6 4.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#20

Methylene Chloride

Concen: 8.197 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.003 min

Lab File: VL040363.D

Acq: 13 Apr 2023 17:10

Tgt Ion: 84 Resp: 478362

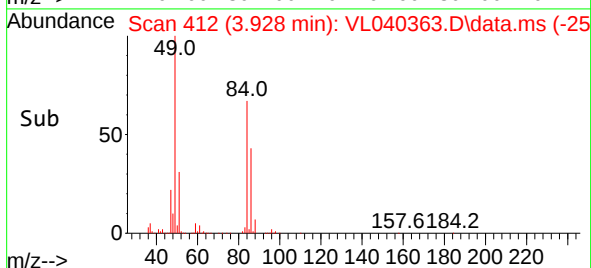
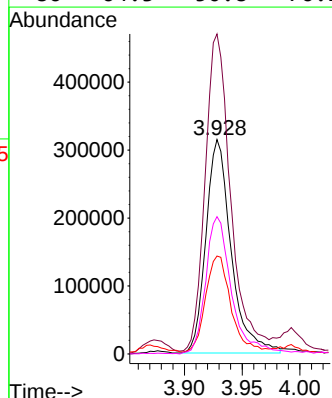
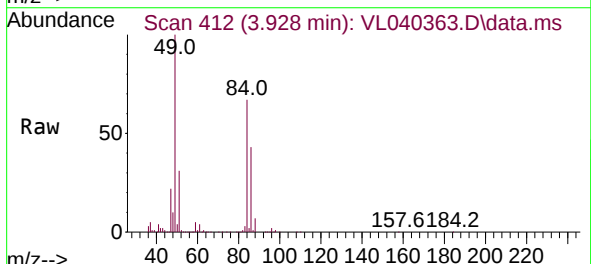
Ion Ratio Lower Upper

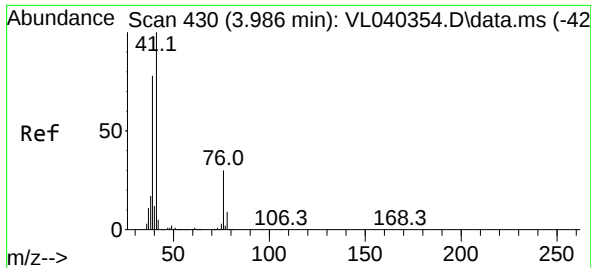
84 100

49 148.5 120.1 180.1

51 44.9 36.3 54.5

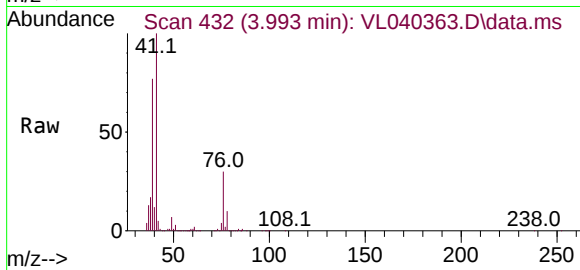
86 64.3 50.8 76.2





#21
 Allyl Chloride
 Concen: 9.385 ppbv
 RT: 3.993 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040363.D
 Acq: 13 Apr 2023 17:10

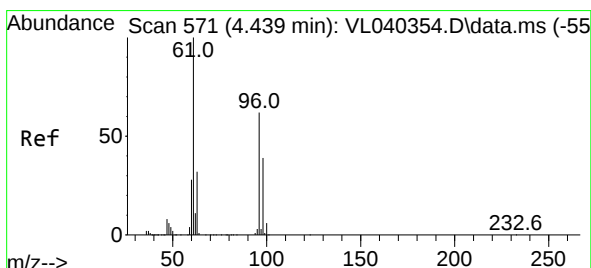
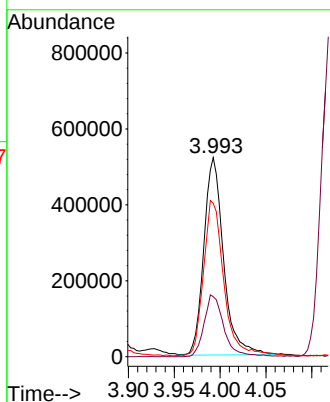
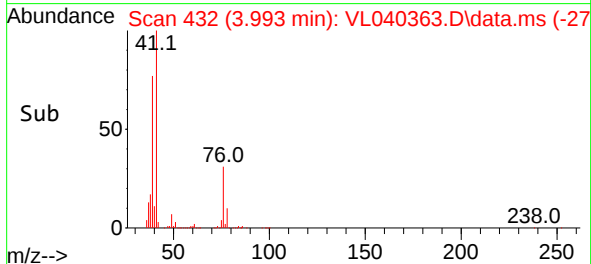
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0413ABS01



Tgt Ion: 41 Resp: 779532
 Ion Ratio Lower Upper
 41 100
 76 31.4 25.5 38.3
 39 81.6 64.0 96.0

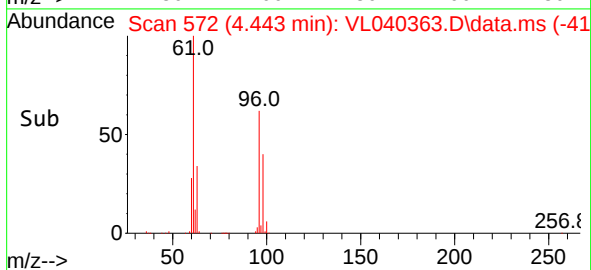
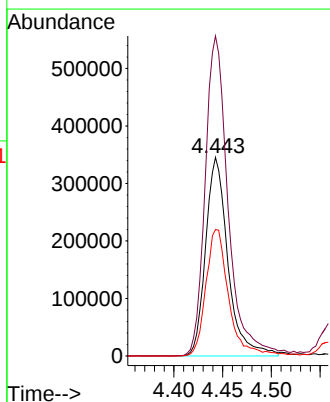
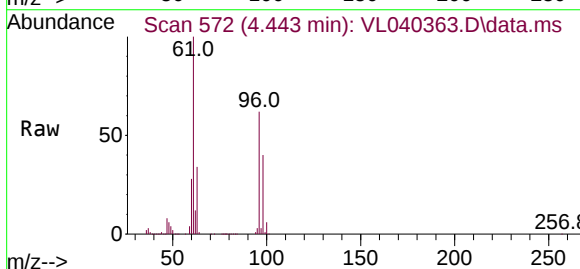
Manual Integrations
 APPROVED

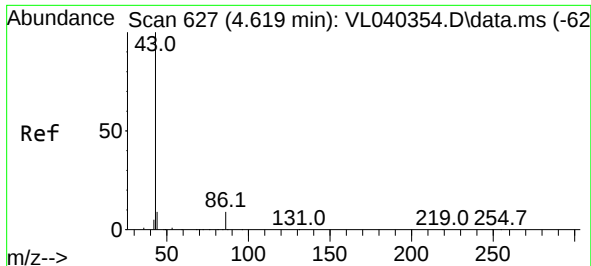
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#22
 trans-1,2-Dichloroethene
 Concen: 9.272 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. 0.003 min
 Lab File: VL040363.D
 Acq: 13 Apr 2023 17:10

Tgt Ion: 96 Resp: 550801
 Ion Ratio Lower Upper
 96 100
 61 161.0 129.4 194.2
 98 63.7 51.0 76.4





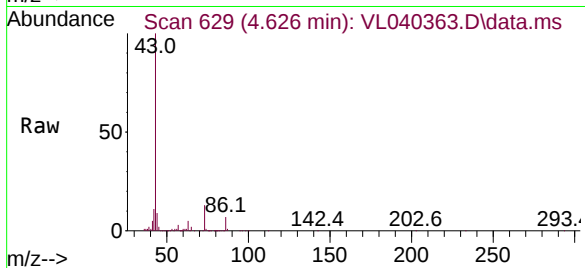
#23
 Vinyl Acetate
 Concen: 9.168 ppbv
 RT: 4.626 min Scan# 609
 Delta R.T. 0.006 min
 Lab File: VL040363.D
 Acq: 13 Apr 2023 17:10

Instrument :

MSVOA_L

ClientSampleId :

VL0413ABS01

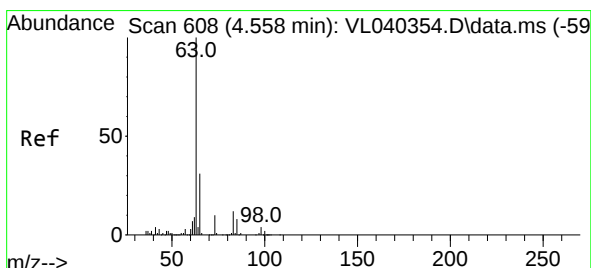
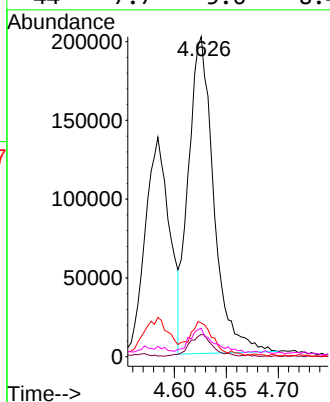
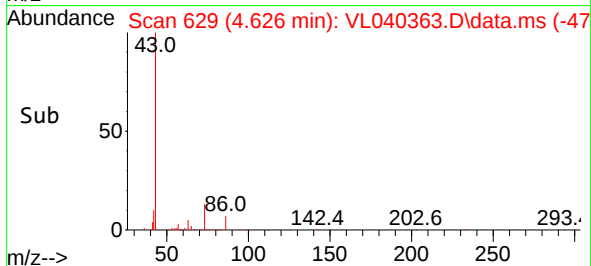


Tgt Ion: 43 Resp: 341218
 Ion Ratio Lower Upper
 43 100
 86 6.9 6.0 9.0
 42 10.4 6.4 9.6
 44 7.7 5.6 8.4

Manual Integrations

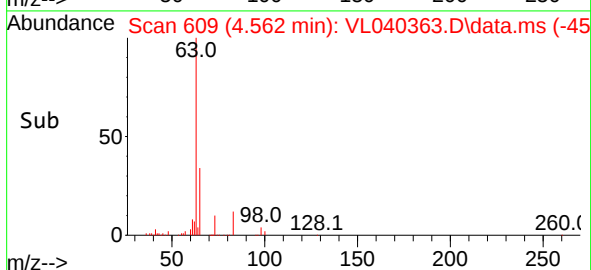
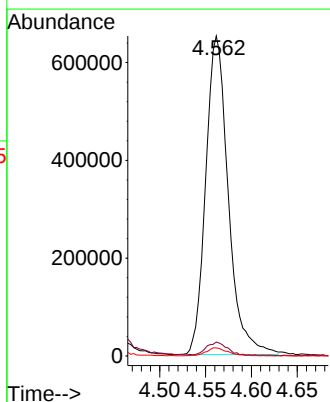
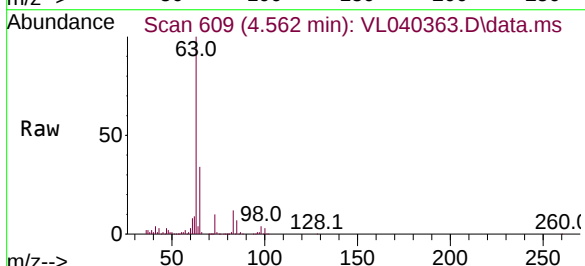
APPROVED

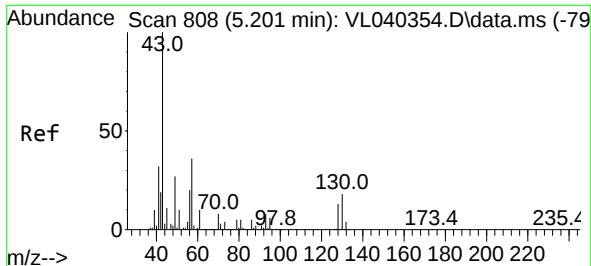
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#24
 1,1-Dichloroethane
 Concen: 8.984 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.003 min
 Lab File: VL040363.D
 Acq: 13 Apr 2023 17:10

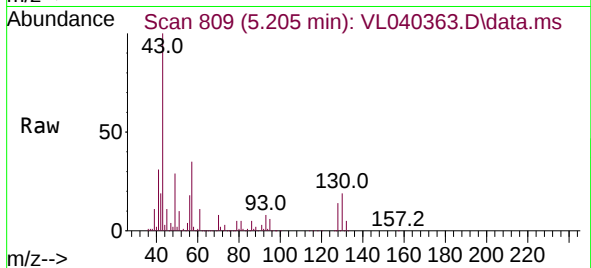
Tgt Ion: 63 Resp: 1112848
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.1 6.2
 100 2.5 1.2 3.6





#25
Ethyl Acetate
Concen: 9.250 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

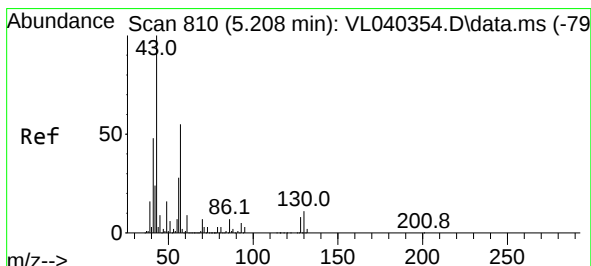
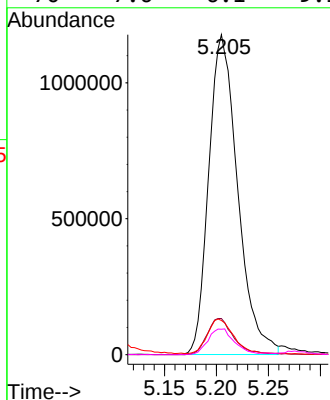
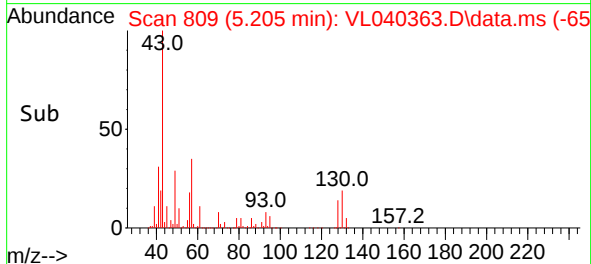
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



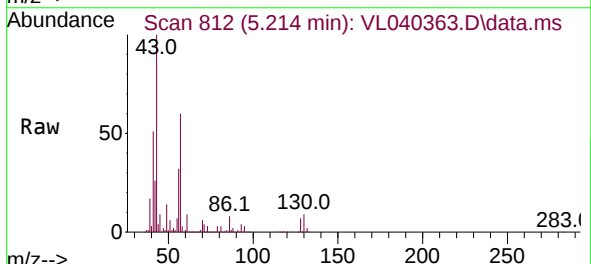
Tgt Ion: 43 Resp: 227523
Ion Ratio Lower Upper
43 100
45 10.8 8.5 12.7
61 10.7 8.5 12.7
70 7.6 6.1 9.1

Manual Integrations
APPROVED

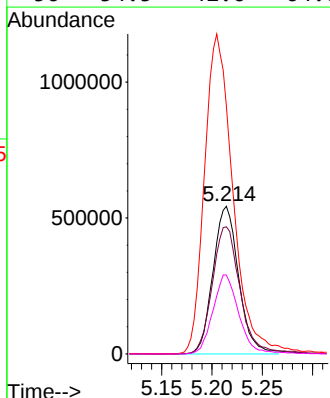
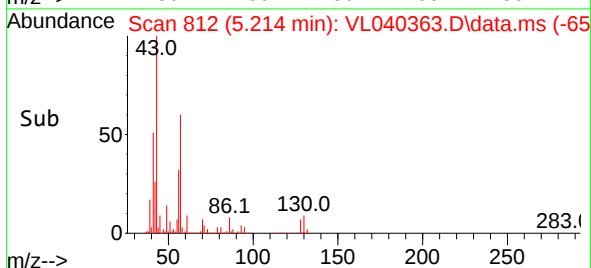
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

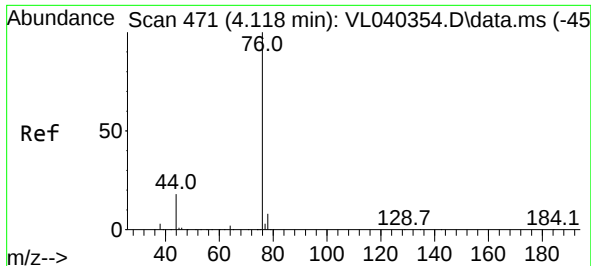


#26
Hexane
Concen: 9.292 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10



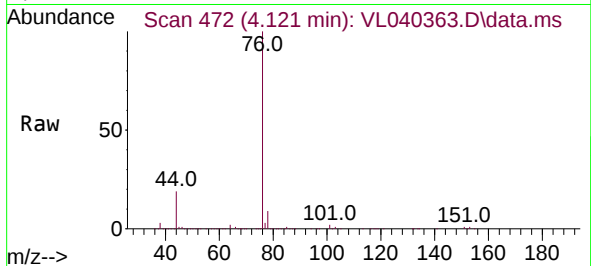
Tgt Ion: 57 Resp: 963591
Ion Ratio Lower Upper
57 100
41 93.8 74.8 112.2
43 242.4 192.7 289.1
56 54.5 42.6 64.0





#27
Carbon Disulfide
Concen: 10.208 ppbv
RT: 4.121 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

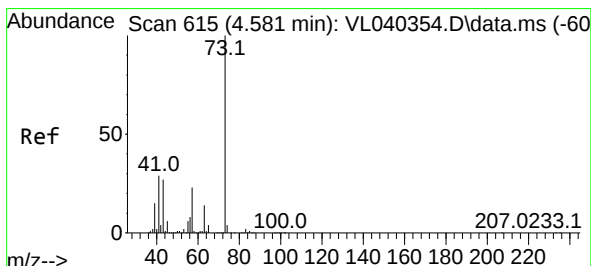
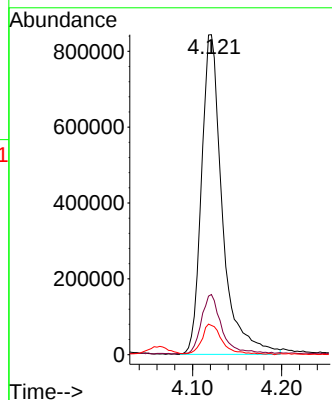
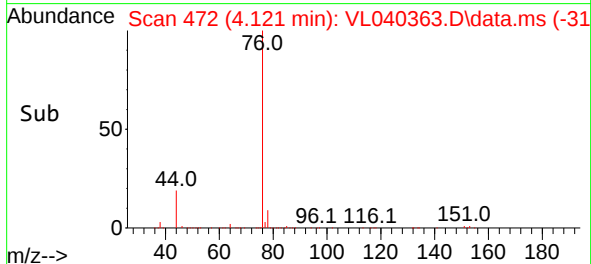
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



Tgt Ion: 76 Resp: 136992
Ion Ratio Lower Upper
76 100
44 18.7 14.7 22.1
78 9.6 7.7 11.5

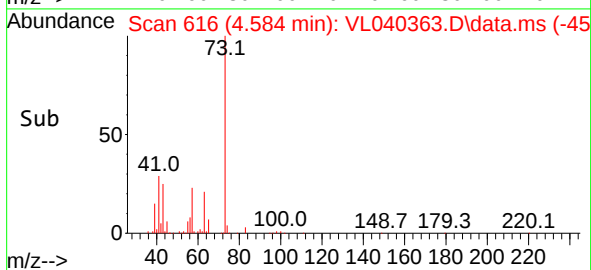
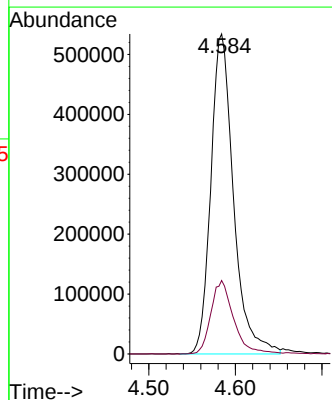
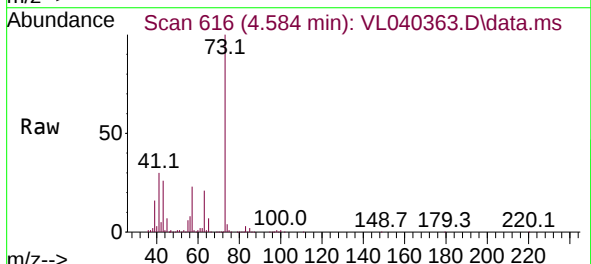
Manual Integrations
APPROVED

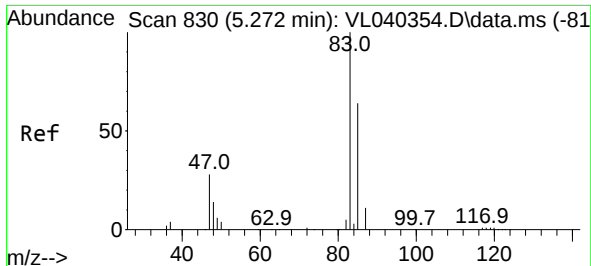
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#28
Methyl tert-Butyl Ether
Concen: 9.086 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.003 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

Tgt Ion: 73 Resp: 972593
Ion Ratio Lower Upper
73 100
57 23.2 18.6 27.8





#29

Chloroform

Concen: 9.182 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040363.D

Acq: 13 Apr 2023 17:10

Instrument :

MSVOA_L

ClientSampleId :

VL0413ABS01

Tgt Ion: 83 Resp: 1696172

Ion Ratio Lower Upper

83 100

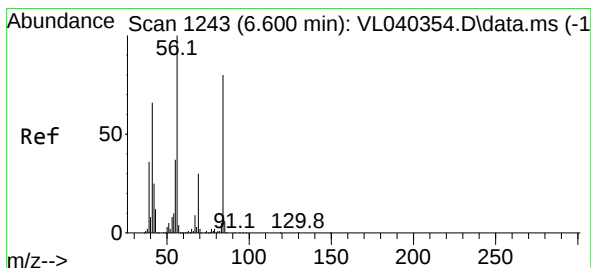
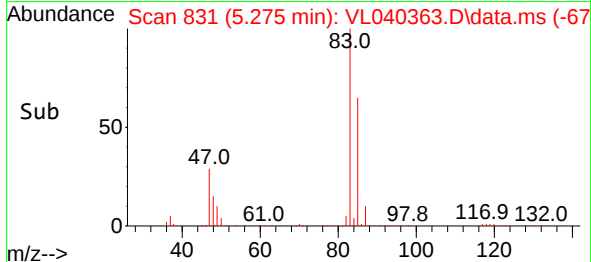
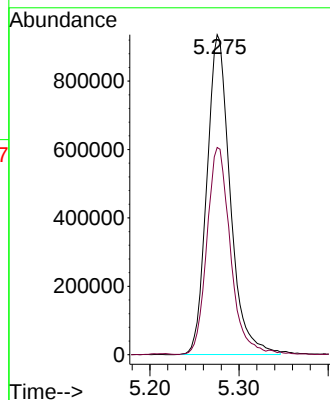
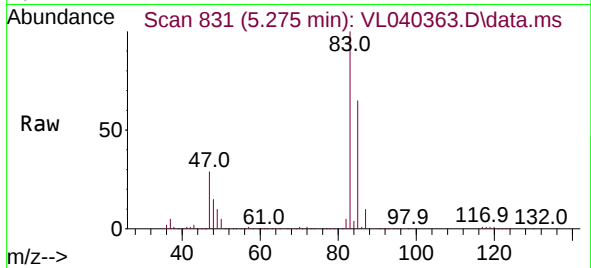
85 64.7 51.0 76.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#30

Cyclohexane

Concen: 9.976 ppbv

RT: 6.607 min Scan# 1245

Delta R.T. 0.006 min

Lab File: VL040363.D

Acq: 13 Apr 2023 17:10

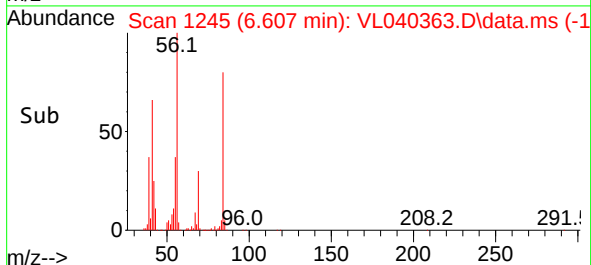
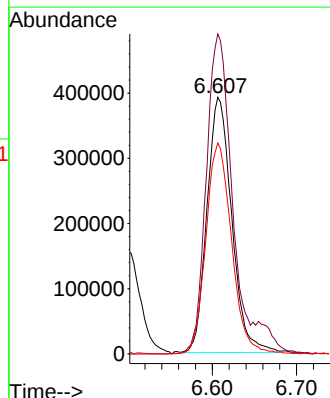
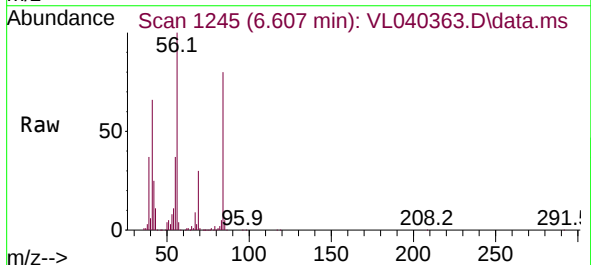
Tgt Ion: 84 Resp: 801232

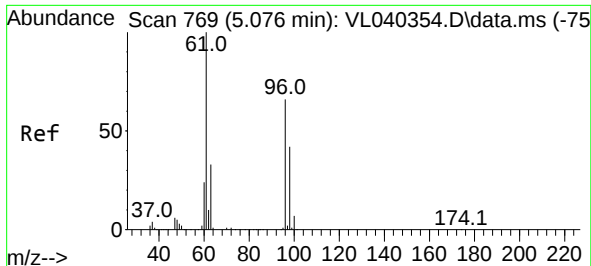
Ion Ratio Lower Upper

84 100

56 136.3 107.0 160.6

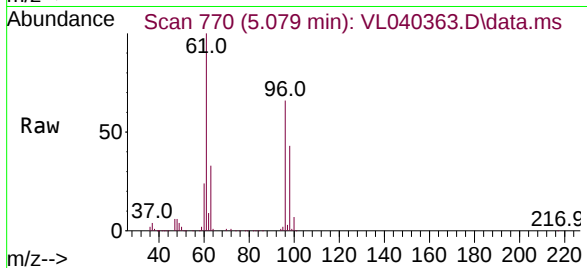
41 85.6 66.7 100.1





#31
 cis-1,2-Dichloroethene
 Concen: 9.685 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL040363.D
 Acq: 13 Apr 2023 17:10

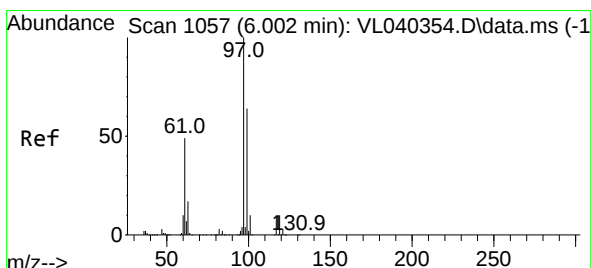
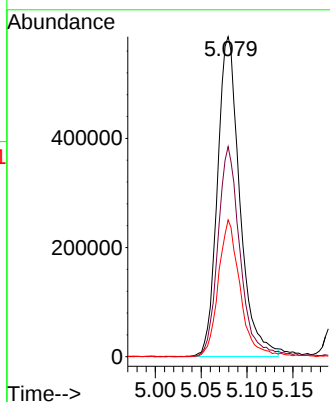
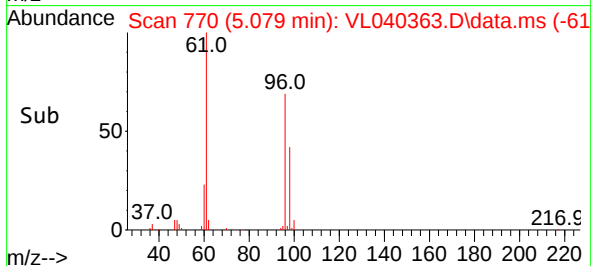
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0413ABS01



Tgt Ion: 61 Resp: 995478
 Ion Ratio Lower Upper
 61 100
 96 65.7 53.0 79.4
 98 42.8 33.8 50.8

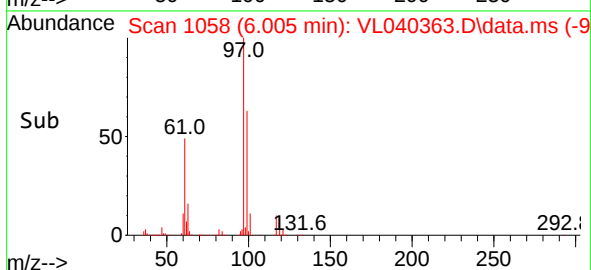
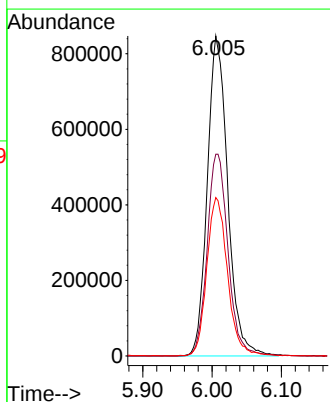
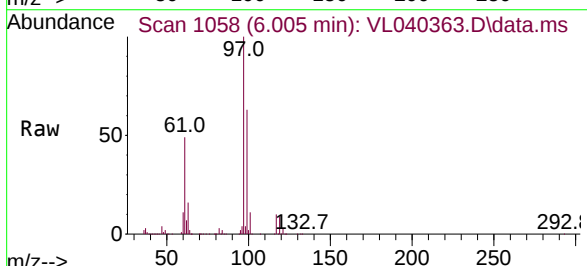
Manual Integrations
 APPROVED

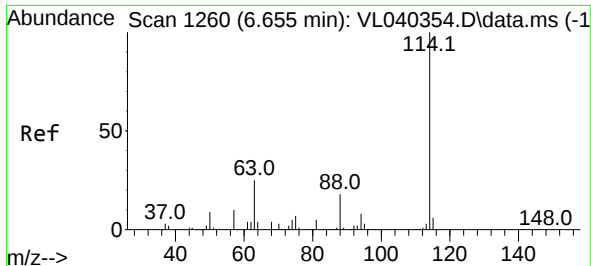
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#32
 1,1,1-Trichloroethane
 Concen: 9.659 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.003 min
 Lab File: VL040363.D
 Acq: 13 Apr 2023 17:10

Tgt Ion: 97 Resp: 1733658
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.8 77.8
 61 50.6 40.4 60.6





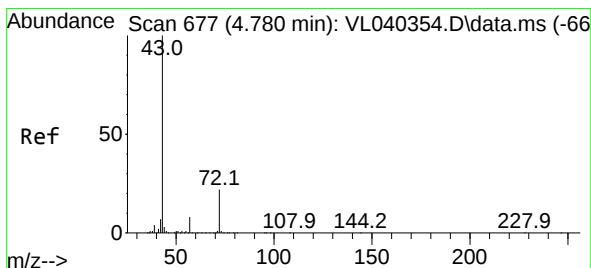
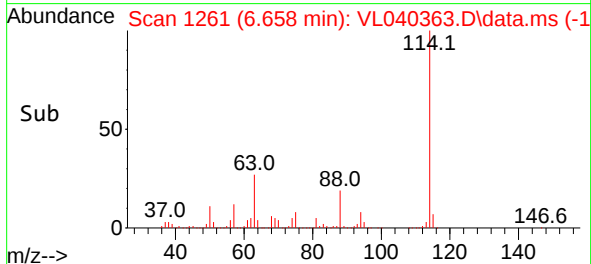
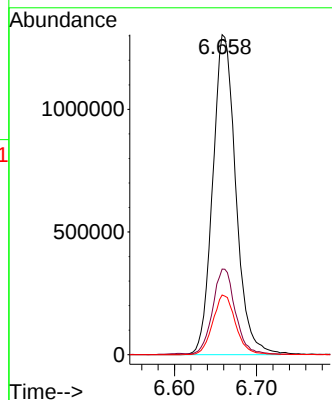
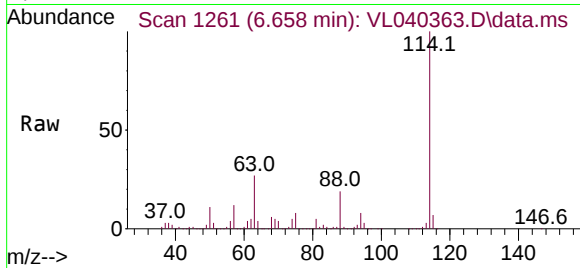
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01

Tgt Ion:114 Resp: 2548208
Ion Ratio Lower Upper
114 100
63 27.0 21.4 32.0
88 18.6 14.6 22.0

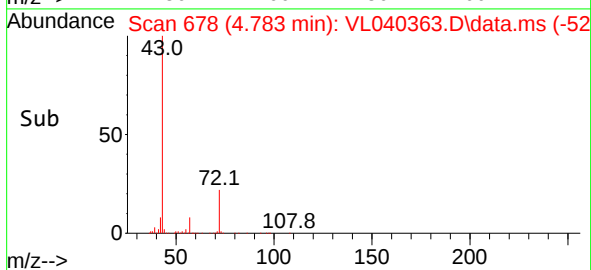
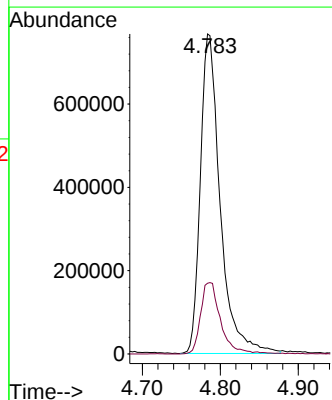
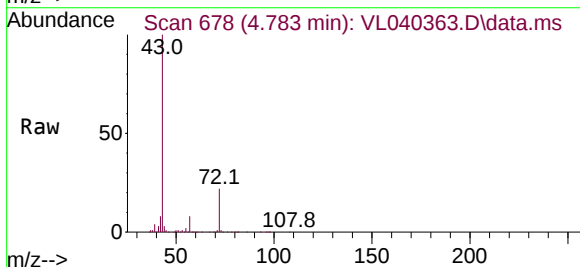
Manual Integrations
APPROVED

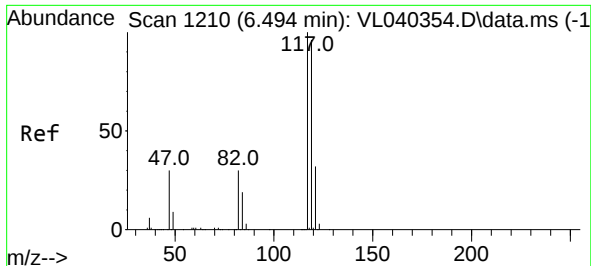
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#34
2-Butanone
Concen: 9.855 ppbv
RT: 4.783 min Scan# 678
Delta R.T. 0.003 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

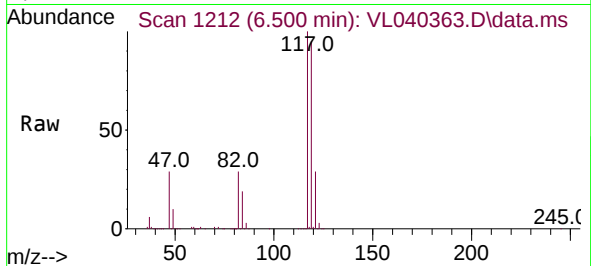
Tgt Ion: 43 Resp: 1354113
Ion Ratio Lower Upper
43 100
72 22.8 18.4 27.6





#35
Carbon Tetrachloride
Concen: 9.976 ppbv
RT: 6.500 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

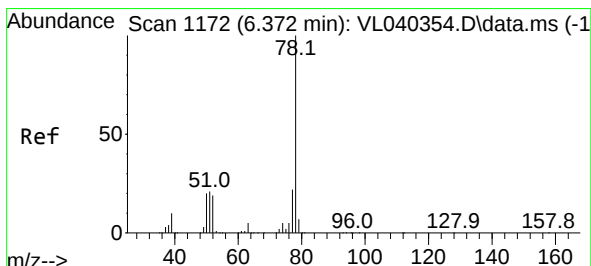
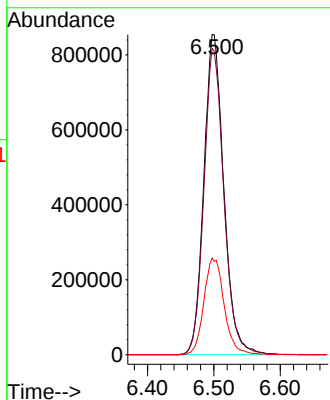
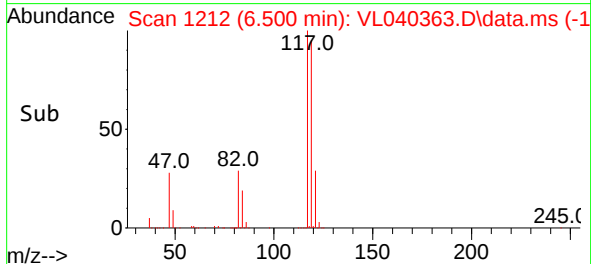
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



Tgt Ion: 117 Resp: 178946
Ion Ratio Lower Upper
117 100
119 94.9 76.6 114.8
121 29.1 25.3 37.9

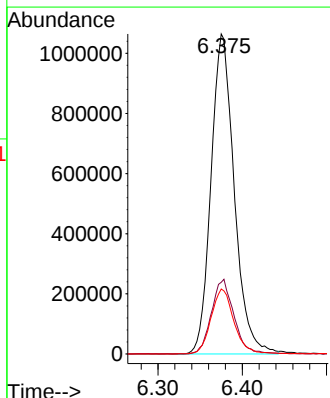
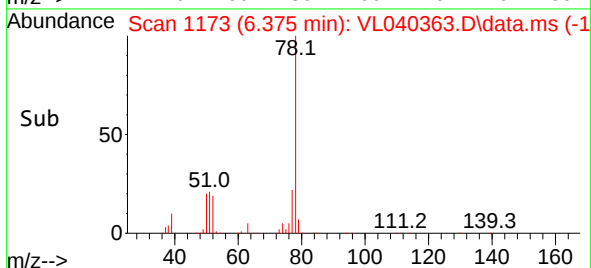
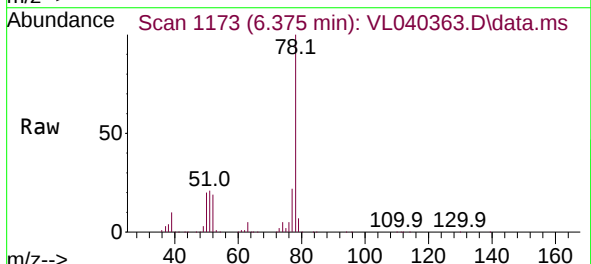
Manual Integrations
APPROVED

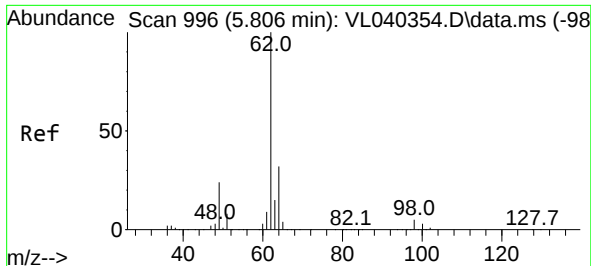
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#36
Benzene
Concen: 9.790 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

Tgt Ion: 78 Resp: 2035453
Ion Ratio Lower Upper
78 100
77 22.4 17.8 26.8
50 20.3 15.6 23.4





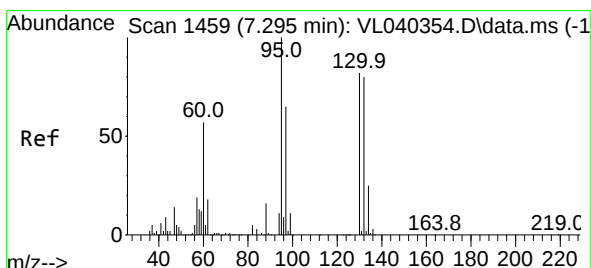
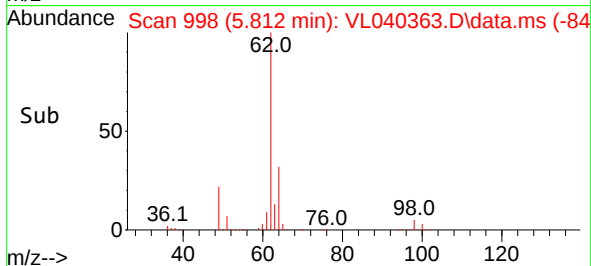
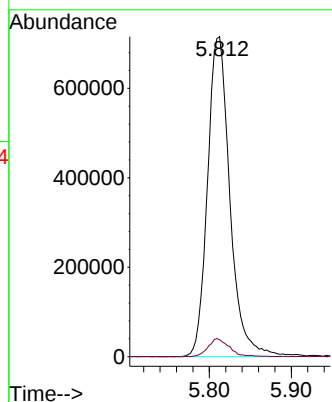
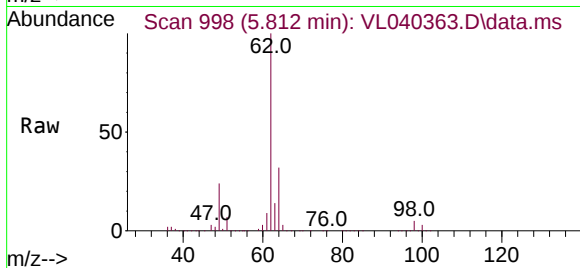
#37
1,2-Dichloroethane
Concen: 9.919 ppbv
RT: 5.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01

Tgt Ion: 62 Resp: 135458
Ion Ratio Lower Upper
62 100
98 5.5 4.4 6.6

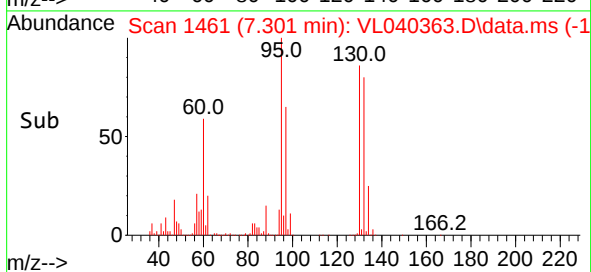
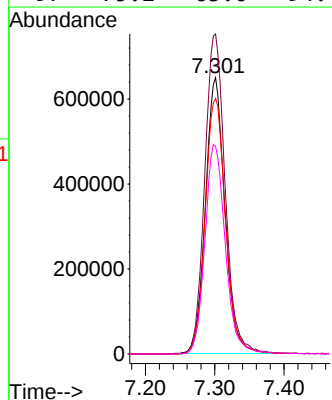
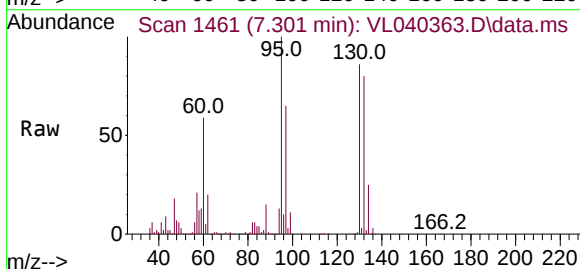
Manual Integrations
APPROVED

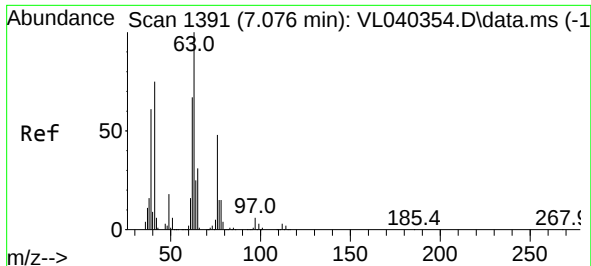
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#38
Trichloroethene
Concen: 10.750 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

Tgt Ion:130 Resp: 1272019
Ion Ratio Lower Upper
130 100
95 115.9 97.4 146.0
132 92.5 77.5 116.3
97 75.2 63.0 94.4





#39

1,2-Dichloropropane

Concen: 9.677 ppbv

RT: 7.082 min Scan# 1391

Delta R.T. 0.006 min

Lab File: VL040363.D

Acq: 13 Apr 2023 17:10

Instrument :

MSVOA_L

ClientSampleId :

VL0413ABS01

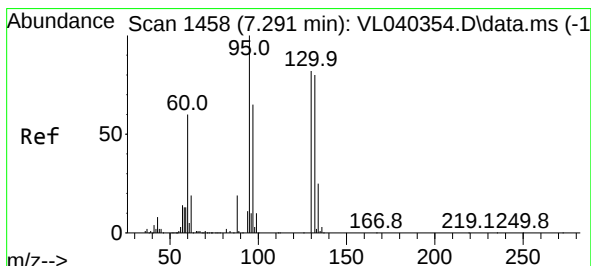
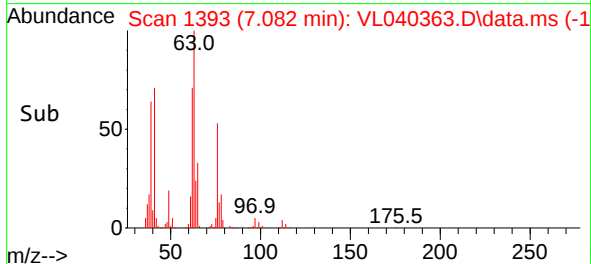
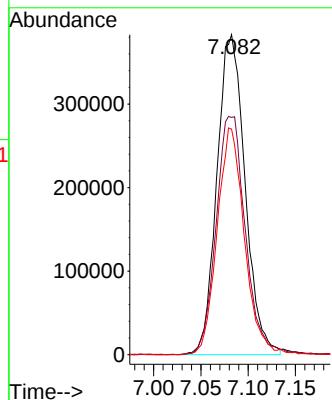
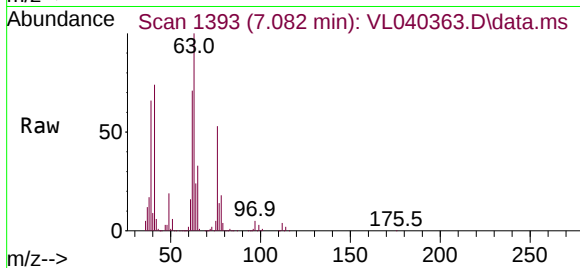
Tgt Ion: 63 Resp: 791640

Ion	Ratio	Lower	Upper
63	100		
41	74.1	59.6	89.4
62	70.5	53.9	80.9

Manual Integrations

APPROVED

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



#40

1,4-Dioxane

Concen: 8.473 ppbv

RT: 7.298 min Scan# 1460

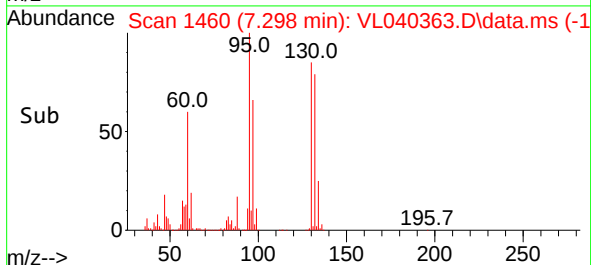
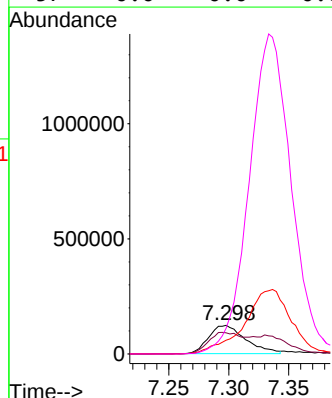
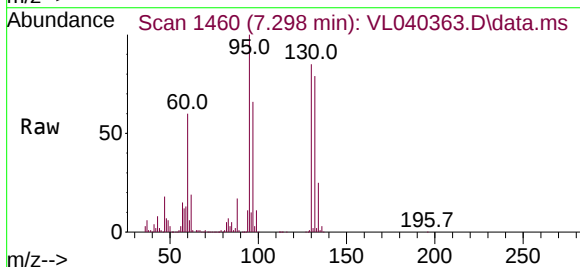
Delta R.T. 0.006 min

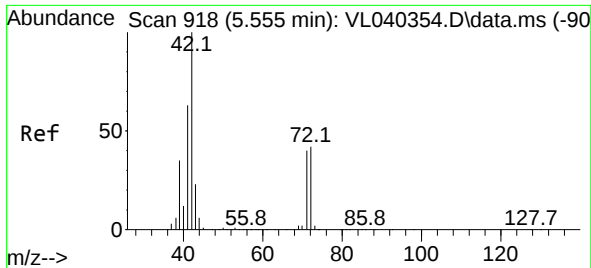
Lab File: VL040363.D

Acq: 13 Apr 2023 17:10

Tgt Ion: 88 Resp: 265459

Ion	Ratio	Lower	Upper
88	100		
58	137.8	100.8	151.2
43	0.0	0.0	0.0
57	0.0	0.0	0.0





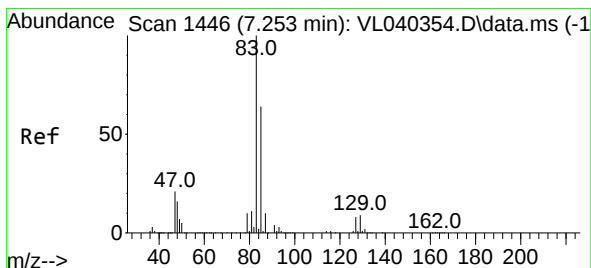
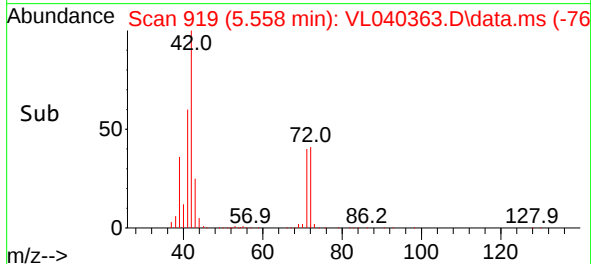
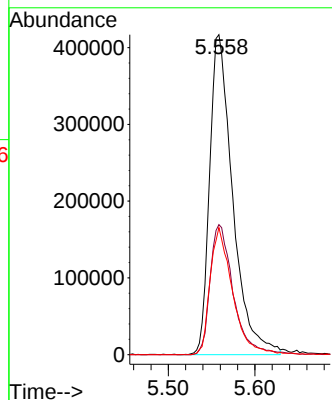
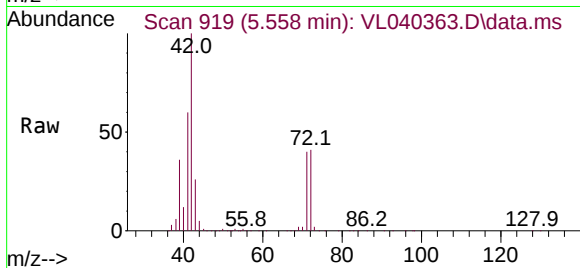
#41
Tetrahydrofuran
Concen: 10.268 ppbv
RT: 5.558 min Scan# 918
Delta R.T. 0.003 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01

Tgt Ion: 42 Resp: 772723
Ion Ratio Lower Upper
42 100
72 40.9 33.7 50.5
71 39.0 32.2 48.2

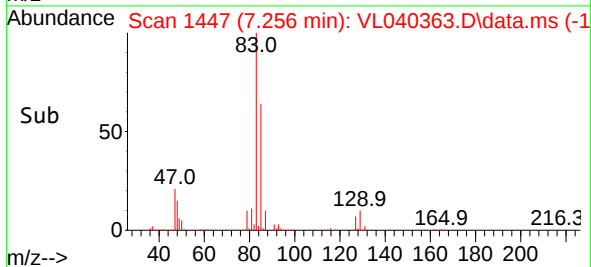
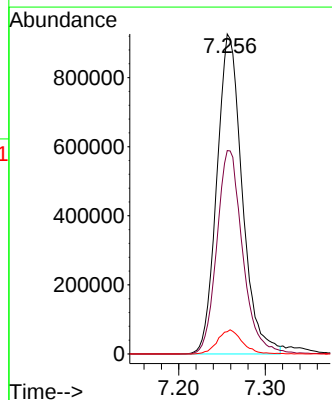
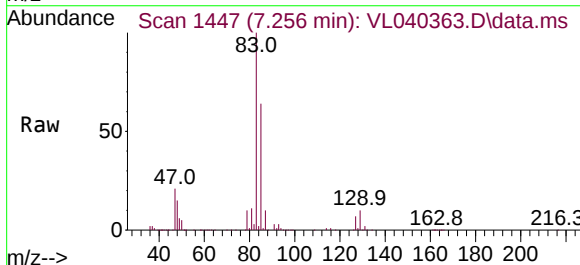
Manual Integrations
APPROVED

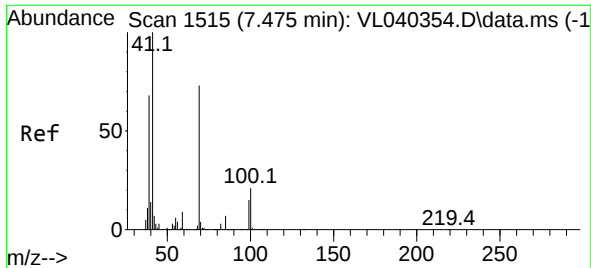
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#42
Bromodichloromethane
Concen: 10.093 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

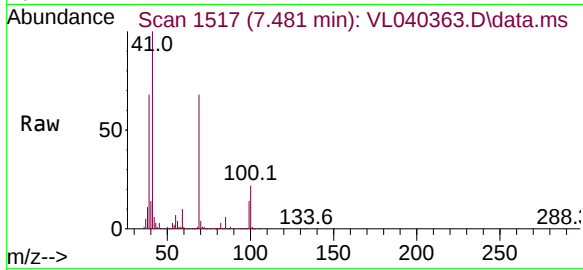
Tgt Ion: 83 Resp: 1882322
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 6.9 6.4 9.6





#43
Methyl Methacrylate
Concen: 10.758 ppbv
RT: 7.481 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

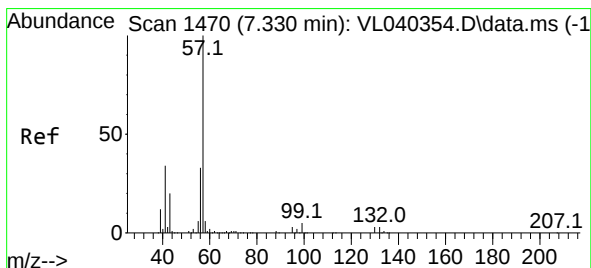
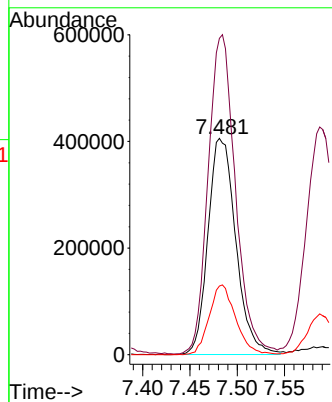
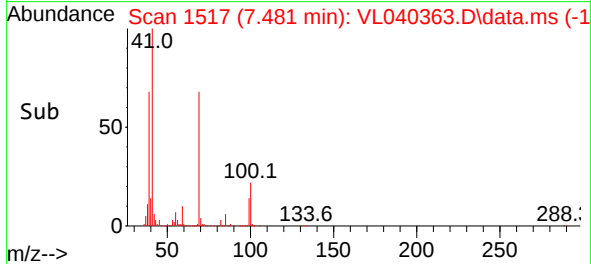
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



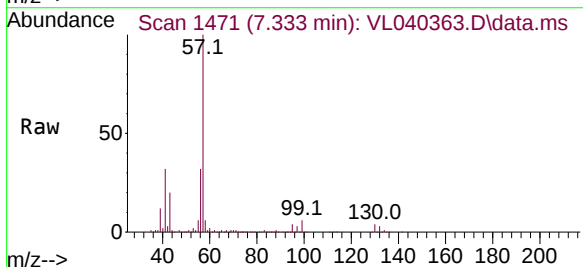
Tgt Ion: 69 Resp: 830740
Ion Ratio Lower Upper
69 100
41 144.9 114.3 171.5
100 30.7 24.5 36.7

Manual Integrations
APPROVED

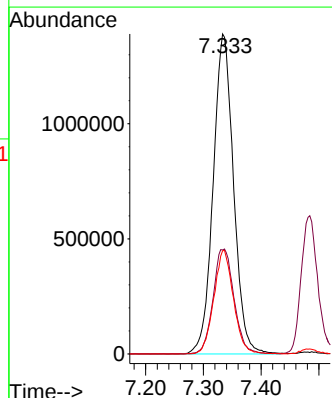
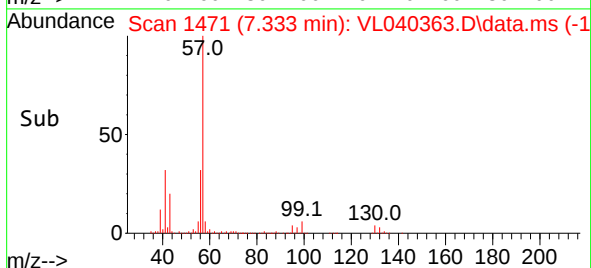
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

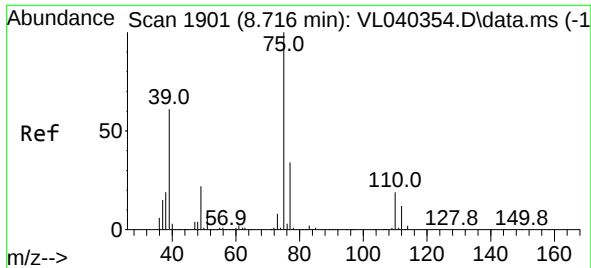


#44
2,2,4-Trimethylpentane
Concen: 9.821 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.003 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10



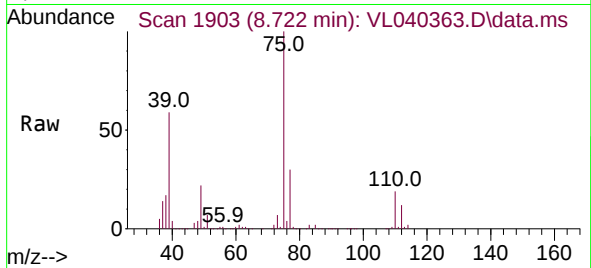
Tgt Ion: 57 Resp: 3410283
Ion Ratio Lower Upper
57 100
41 33.6 26.9 40.3
56 31.2 25.1 37.7





#45
t-1,3-Dichloropropene
Concen: 12.024 ppbv
RT: 8.722 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

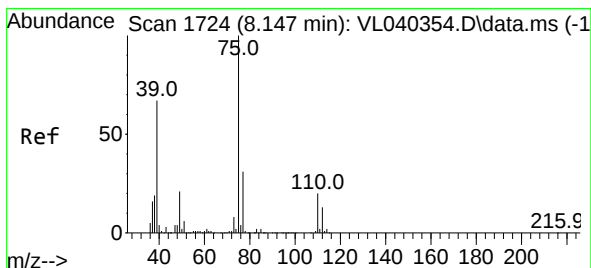
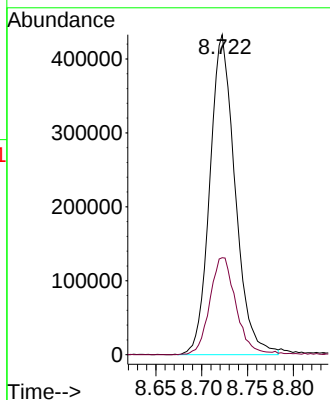
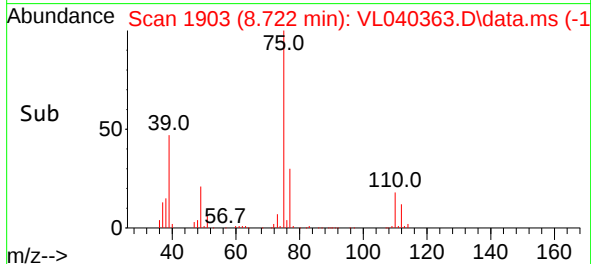
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



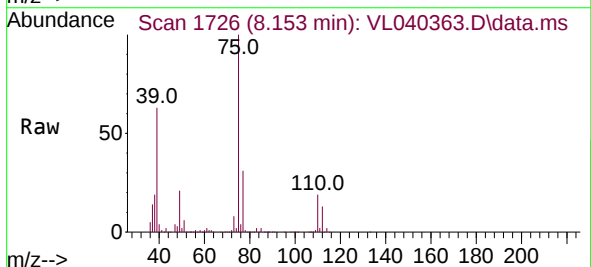
Tgt Ion: 75 Resp: 829330
Ion Ratio Lower Upper
75 100
77 30.3 26.8 40.2

Manual Integrations
APPROVED

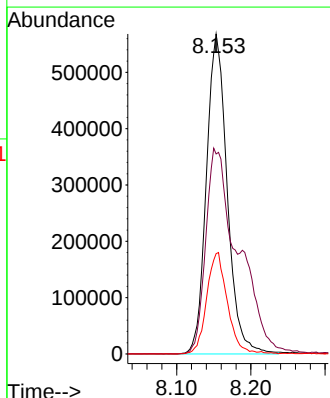
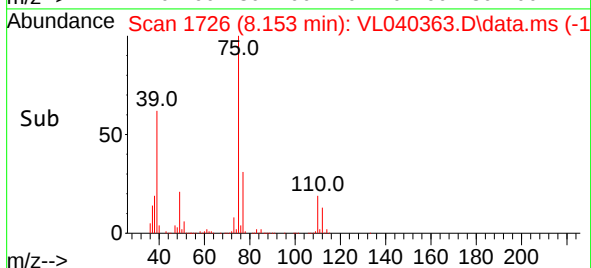
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

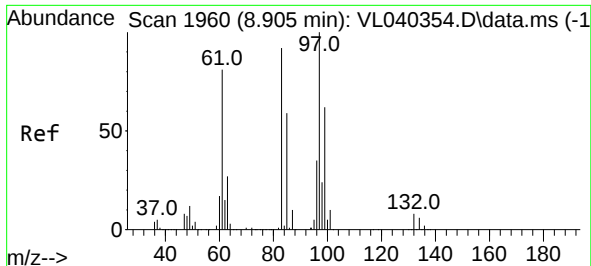


#46
cis-1,3-Dichloropropene
Concen: 11.522 ppbv
RT: 8.153 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10



Tgt Ion: 75 Resp: 1106173
Ion Ratio Lower Upper
75 100
39 62.5 53.4 80.2
77 31.4 24.7 37.1





#47

1,1,2-Trichloroethane

Concen: 9.778 ppbv

RT: 8.912 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VL040363.D

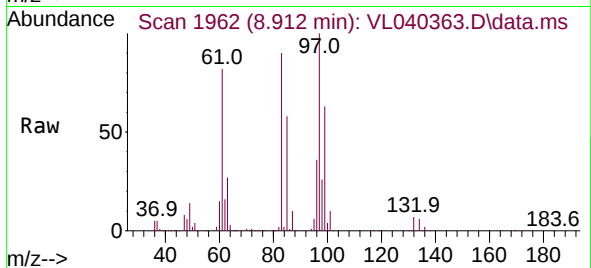
Acq: 13 Apr 2023 17:10

Instrument :

MSVOA_L

ClientSampleId :

VL0413ABS01



Tgt Ion: 97 Resp: 87702

Ion Ratio Lower Upper

97 100

83 89.5 73.3 109.9

85 57.7 46.9 70.3

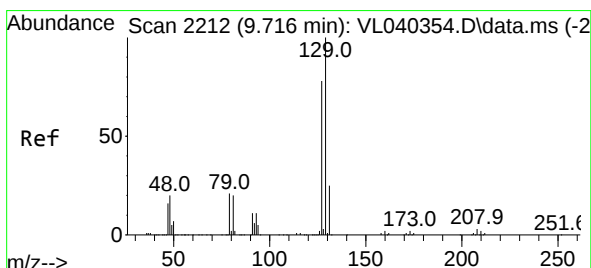
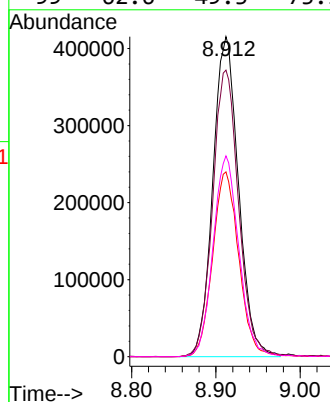
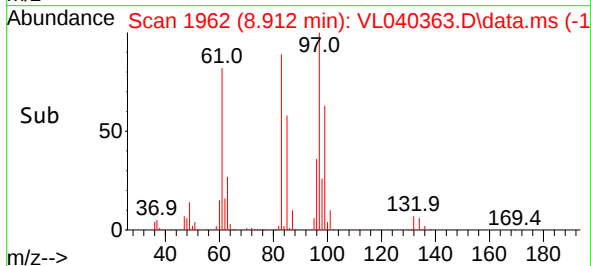
99 62.6 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#48

Dibromochloromethane

Concen: 10.642 ppbv

RT: 9.722 min Scan# 2214

Delta R.T. 0.006 min

Lab File: VL040363.D

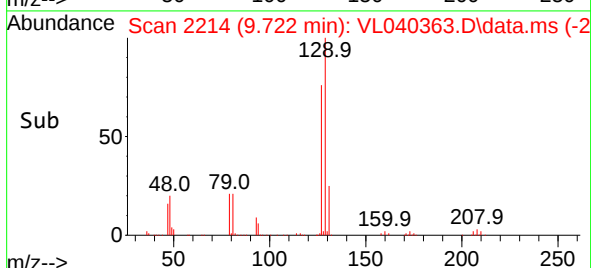
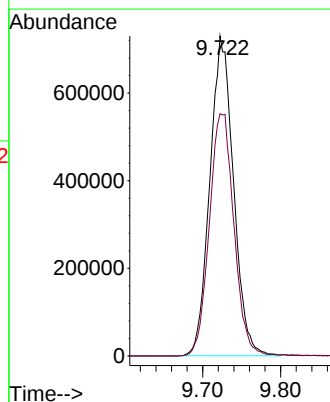
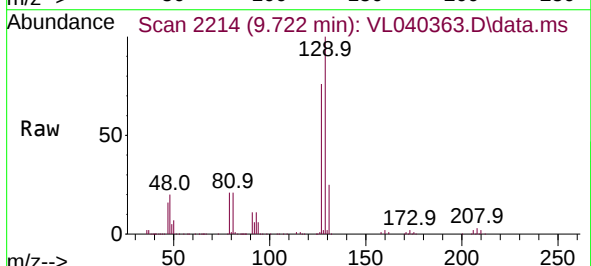
Acq: 13 Apr 2023 17:10

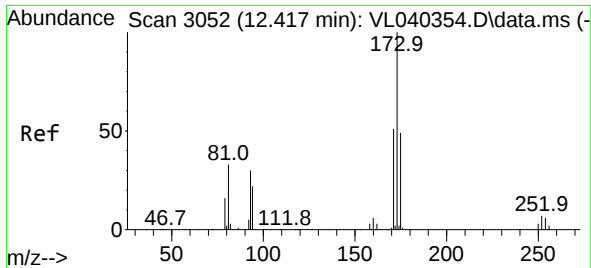
Tgt Ion:129 Resp: 1537222

Ion Ratio Lower Upper

129 100

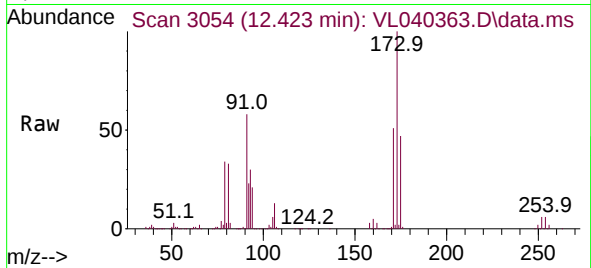
127 79.2 39.2 117.6





#49
Bromoform
Concen: 11.271 ppbv
RT: 12.423 min Scan# 3052
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

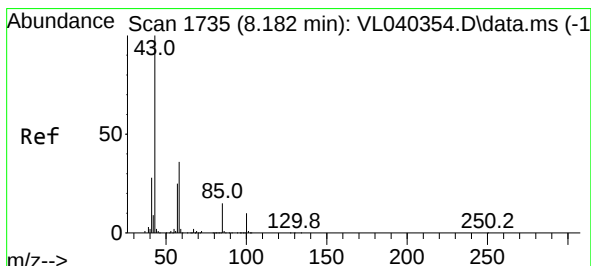
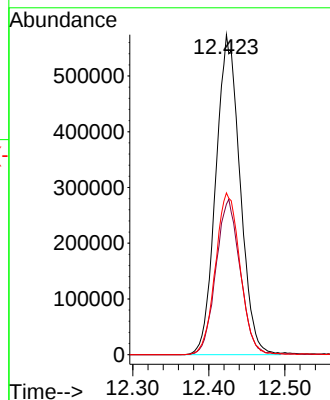
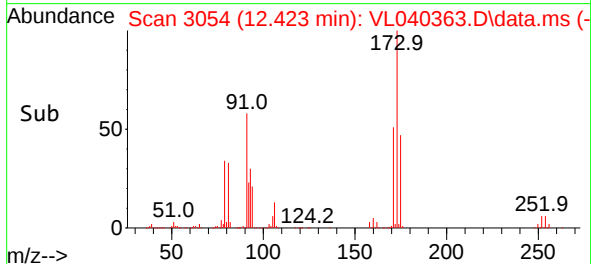
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



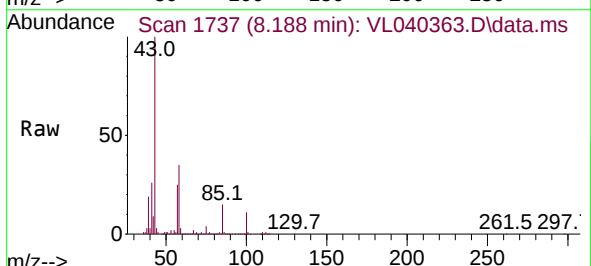
Tgt Ion: 173 Resp: 126981
Ion Ratio Lower Upper
173 100
175 48.8 39.8 59.8
171 51.6 42.2 63.2

Manual Integrations
APPROVED

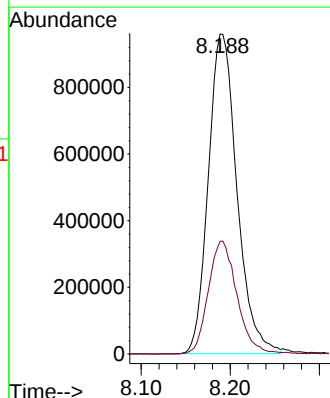
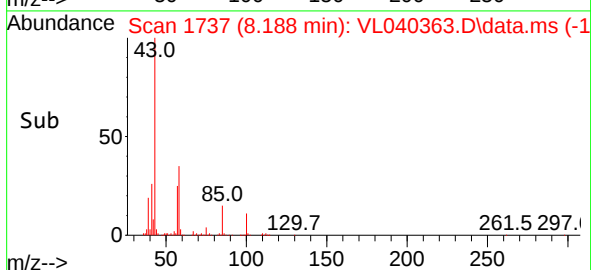
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

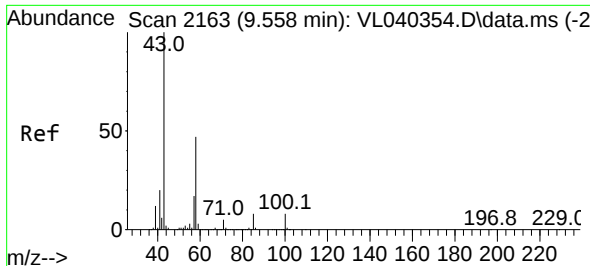


#50
4-Methyl-2-Pentanone
Concen: 10.276 ppbv
RT: 8.188 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10



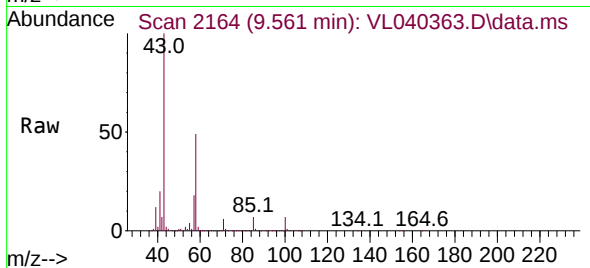
Tgt Ion: 43 Resp: 2140997
Ion Ratio Lower Upper
43 100
58 35.5 28.6 43.0





#51
2-Hexanone
Concen: 10.835 ppbv
RT: 9.561 min Scan# 2163
Delta R.T. 0.003 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

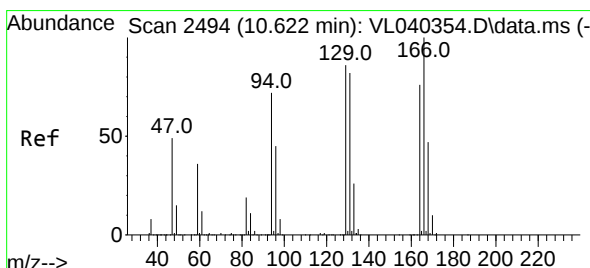
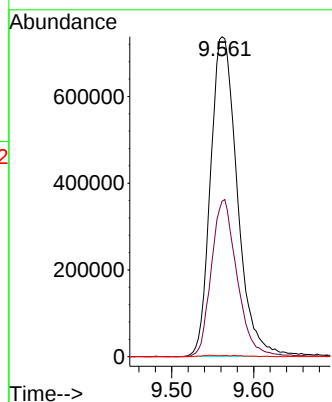
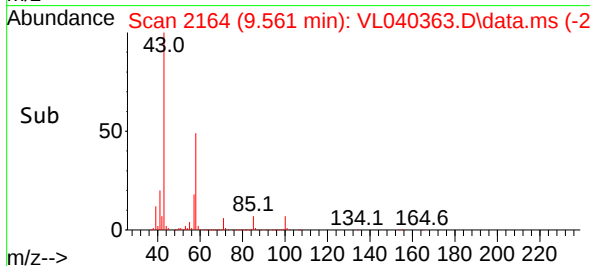
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



Tgt Ion: 43 Resp: 166799
Ion Ratio Lower Upper
43 100
58 47.6 38.3 57.5
98 0.6 0.4 0.6

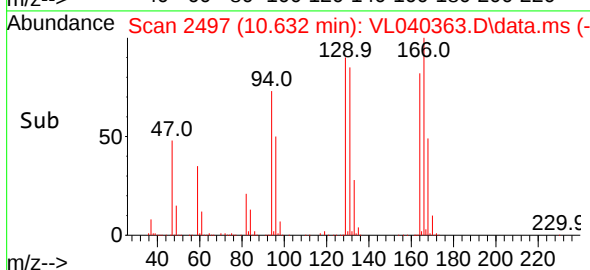
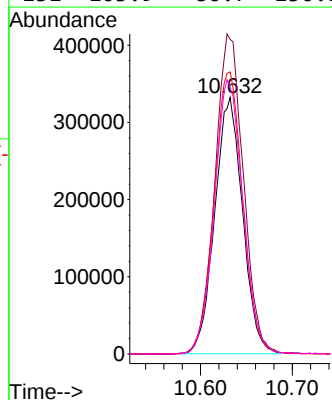
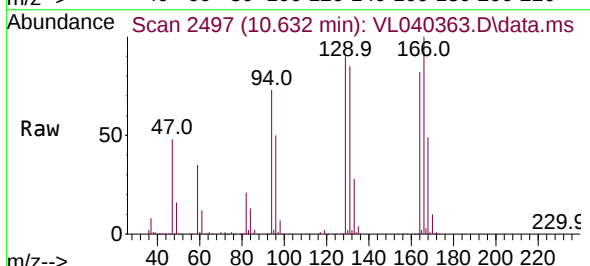
Manual Integrations
APPROVED

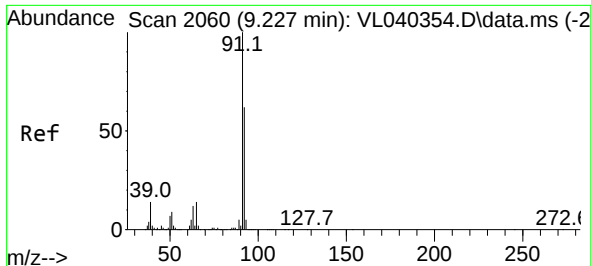
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#52
Tetrachloroethene
Concen: 10.771 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.010 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

Tgt Ion:164 Resp: 700482
Ion Ratio Lower Upper
164 100
166 122.4 105.2 157.8
129 109.9 90.3 135.5
131 103.9 86.7 130.1





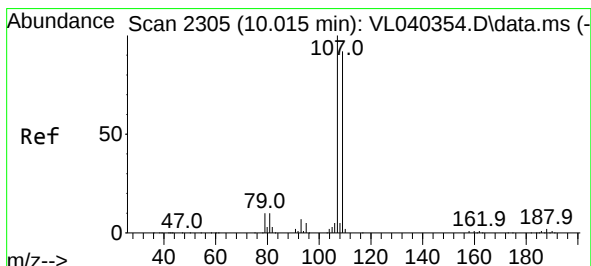
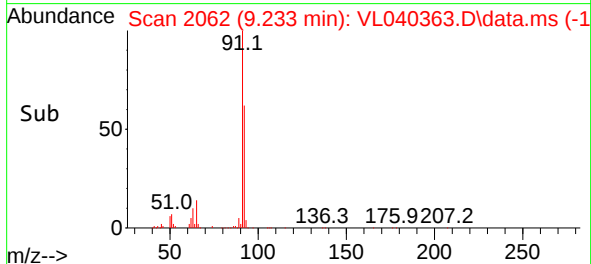
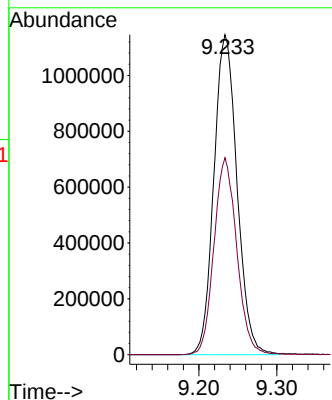
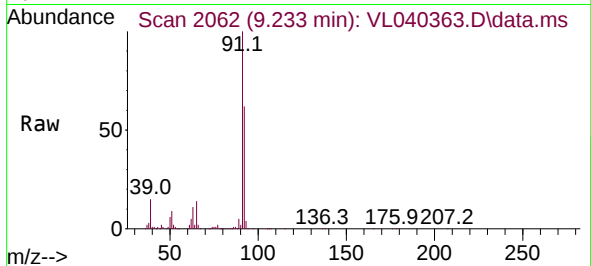
#53
Toluene
Concen: 10.747 ppbv
RT: 9.233 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01

Tgt Ion: 91 Resp: 2368869
Ion Ratio Lower Upper
91 100
92 60.6 48.9 73.3

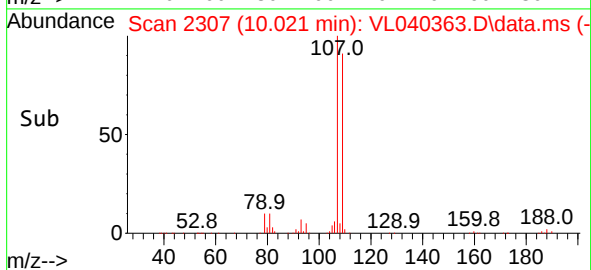
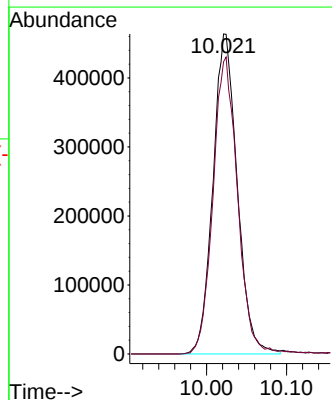
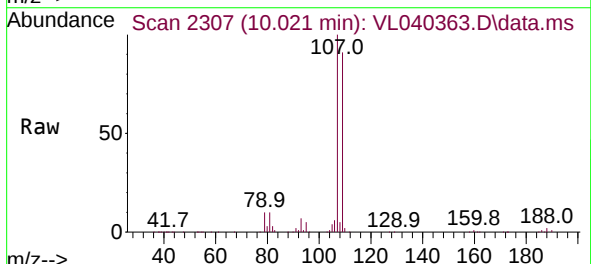
Manual Integrations
APPROVED

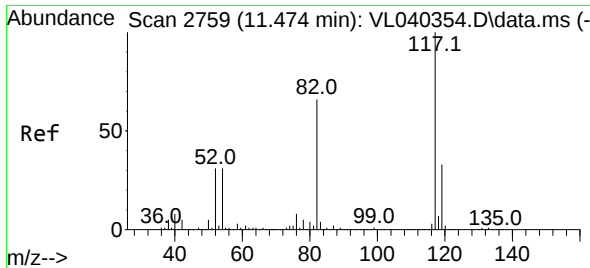
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#54
1,2-Dibromoethane
Concen: 10.750 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

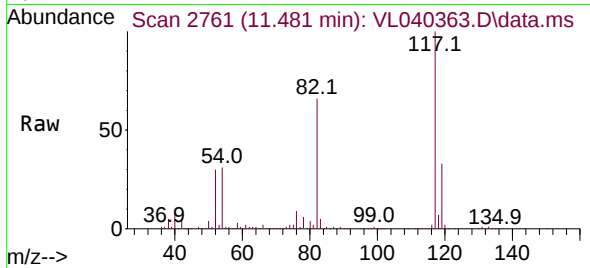
Tgt Ion:107 Resp: 977516
Ion Ratio Lower Upper
107 100
109 91.3 73.6 110.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2759
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

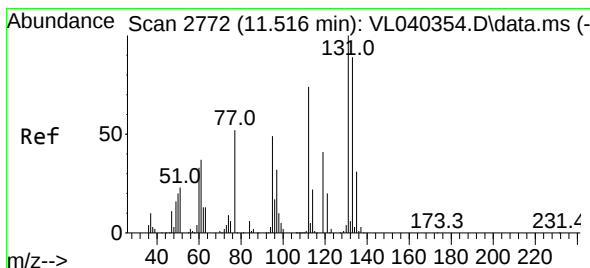
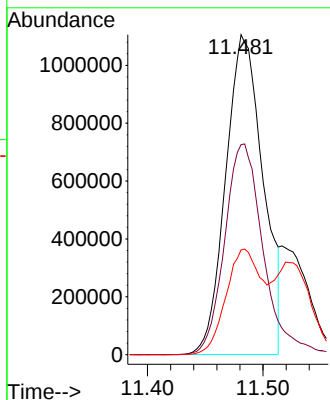
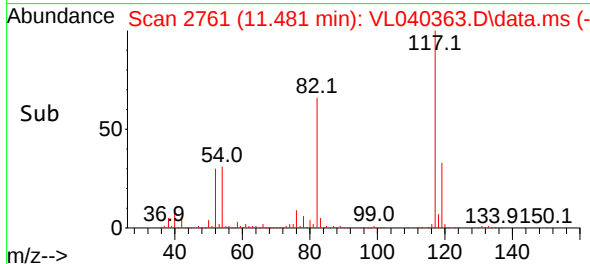
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



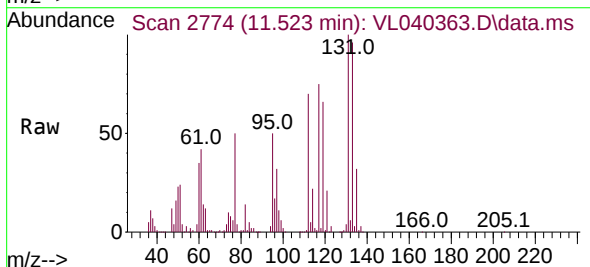
Tgt Ion:117 Resp: 2483450
Ion Ratio Lower Upper
117 100
82 68.5 52.5 78.7
119 29.4 24.3 36.5

Manual Integrations
APPROVED

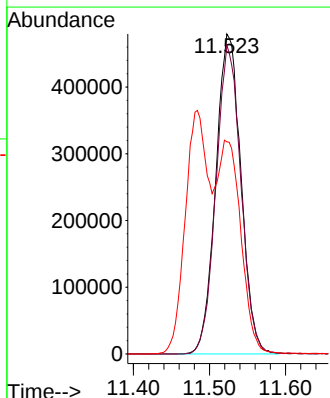
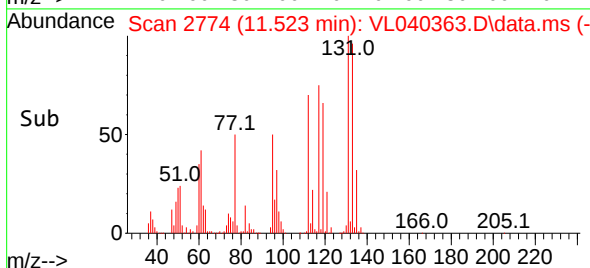
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

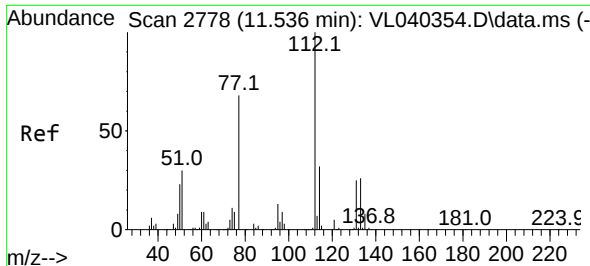


#56
1,1,1,2-Tetrachloroethane
Concen: 9.716 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10



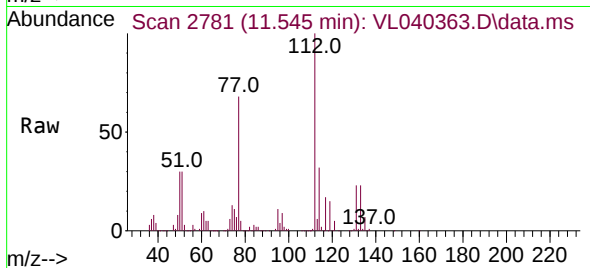
Tgt Ion:131 Resp: 1101375
Ion Ratio Lower Upper
131 100
133 95.6 75.3 112.9
119 64.9 53.9 80.9





#57
Chlorobenzene
Concen: 9.638 ppbv
RT: 11.545 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

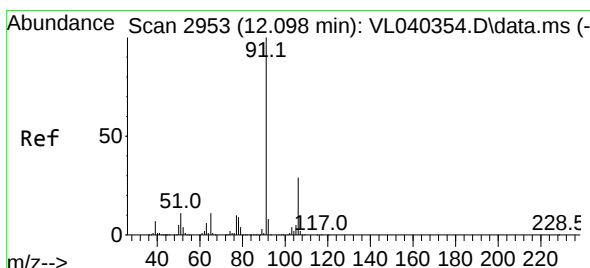
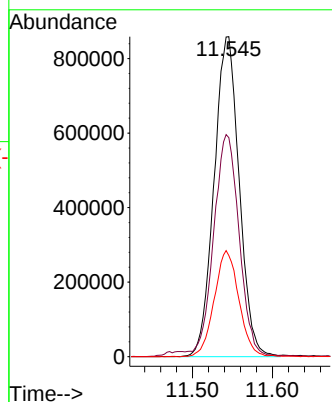
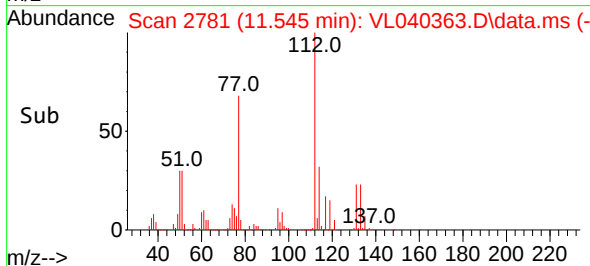
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



Tgt Ion:112 Resp: 1874024
Ion Ratio Lower Upper
112 100
77 68.0 55.8 83.8
114 31.6 29.1 35.5

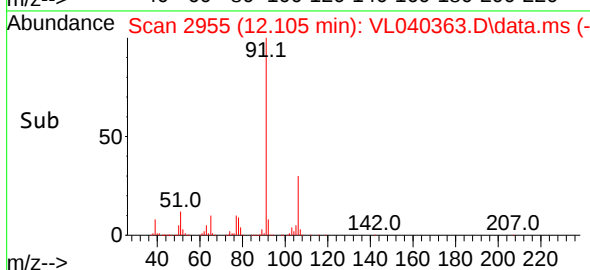
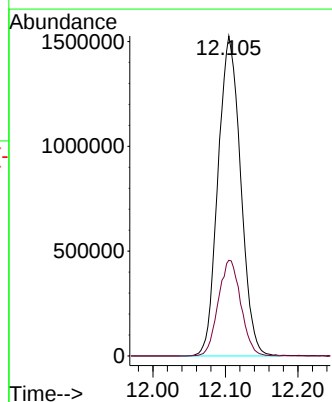
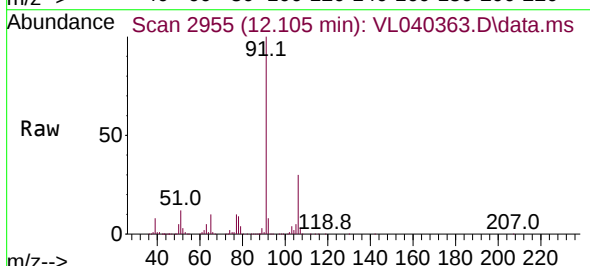
Manual Integrations
APPROVED

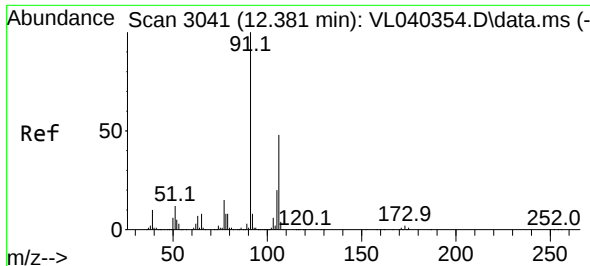
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#58
Ethyl Benzene
Concen: 10.829 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

Tgt Ion: 91 Resp: 3308362
Ion Ratio Lower Upper
91 100
106 29.9 23.5 35.3





#59

m/p-Xylene

Concen: 20.802 ppbv m

RT: 12.388 min Scan# 3041

Delta R.T. 0.006 min

Lab File: VL040363.D

Acq: 13 Apr 2023 17:10

Instrument :

MSVOA_L

ClientSampleId :

VL0413ABS01

Tgt Ion: 91 Resp: 584418

Ion Ratio Lower Upper

91 100

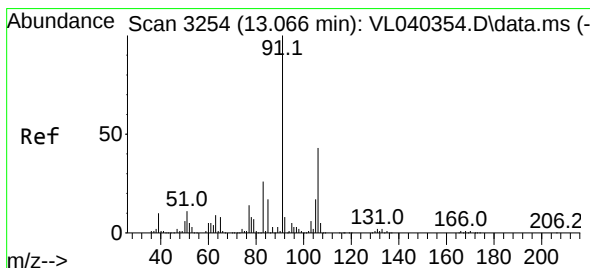
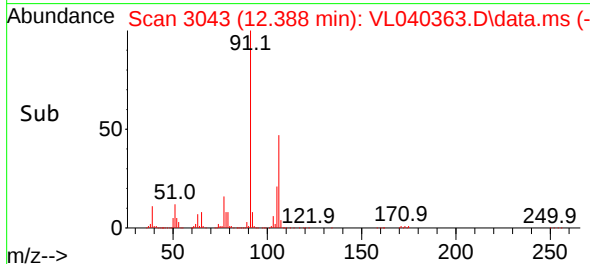
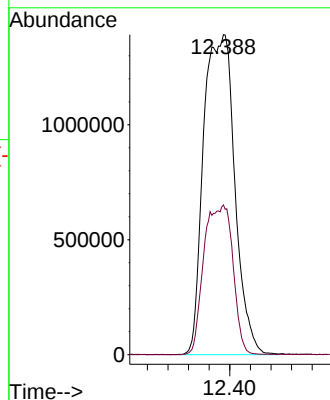
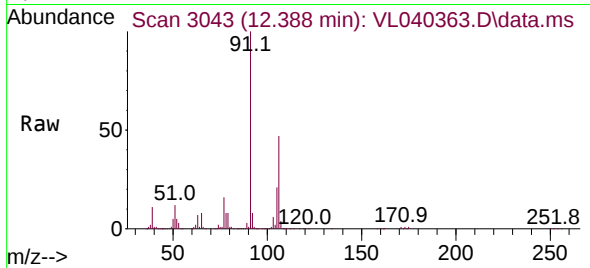
106 43.5 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#60

o-Xylene

Concen: 10.356 ppbv

RT: 13.076 min Scan# 3257

Delta R.T. 0.010 min

Lab File: VL040363.D

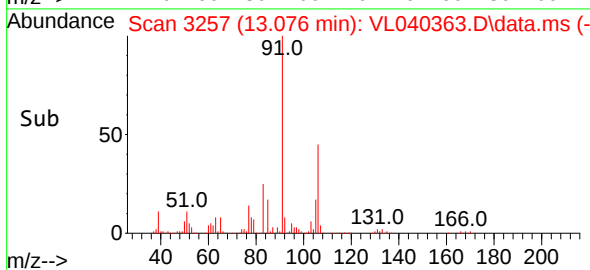
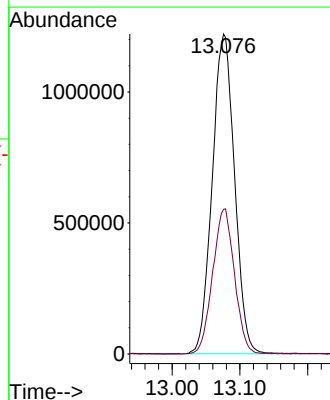
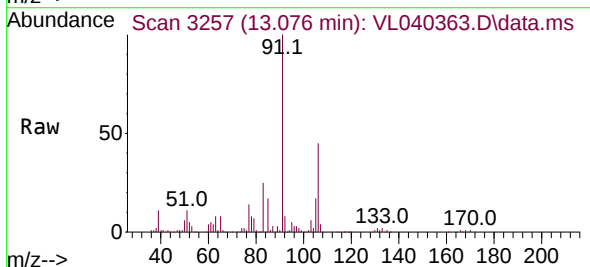
Acq: 13 Apr 2023 17:10

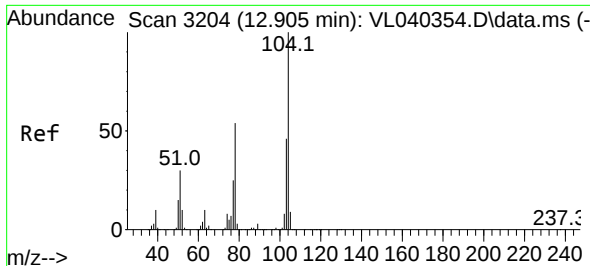
Tgt Ion: 91 Resp: 2792195

Ion Ratio Lower Upper

91 100

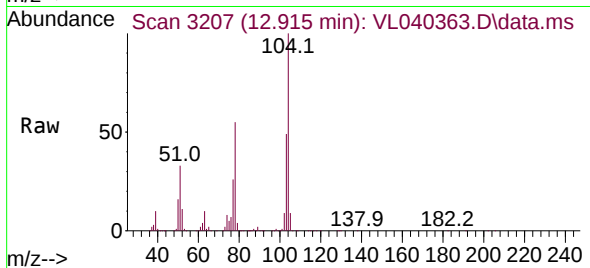
106 44.4 21.9 65.8





#61
Styrene
Concen: 11.761 ppbv
RT: 12.915 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

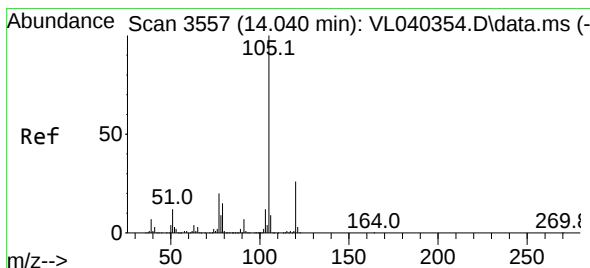
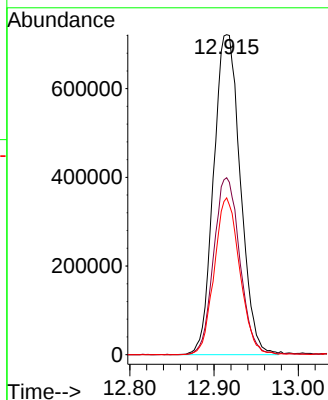
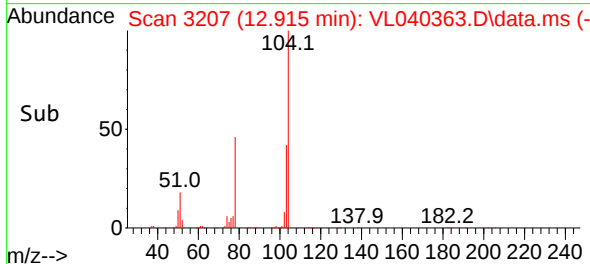
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



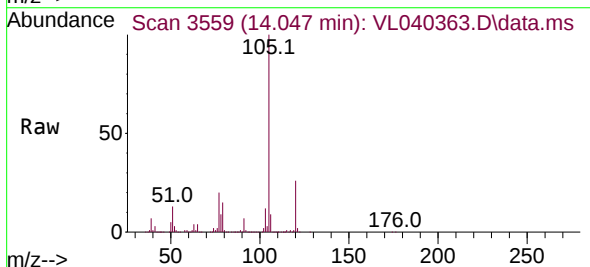
Tgt Ion:104 Resp: 158848
Ion Ratio Lower Upper
104 100
78 54.4 43.4 65.0
103 47.0 37.0 55.4

Manual Integrations
APPROVED

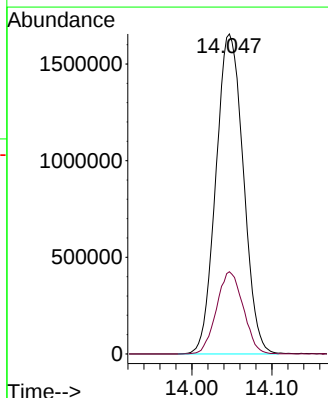
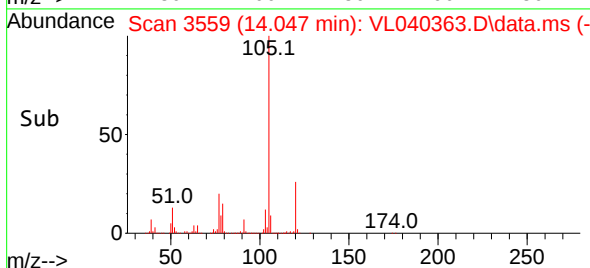
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

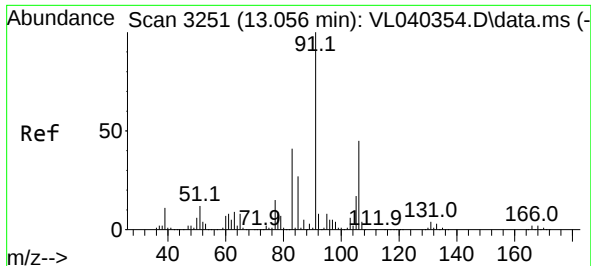


#62
Isopropylbenzene
Concen: 10.149 ppbv
RT: 14.047 min Scan# 3559
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10



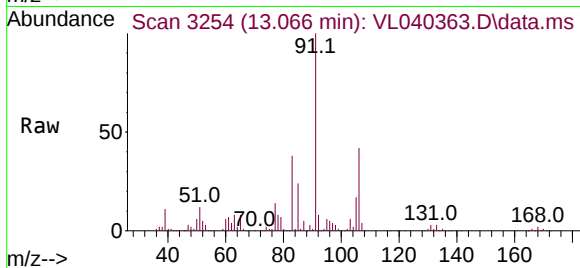
Tgt Ion:105 Resp: 3940794
Ion Ratio Lower Upper
105 100
120 25.1 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 8.857 ppbv
RT: 13.066 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

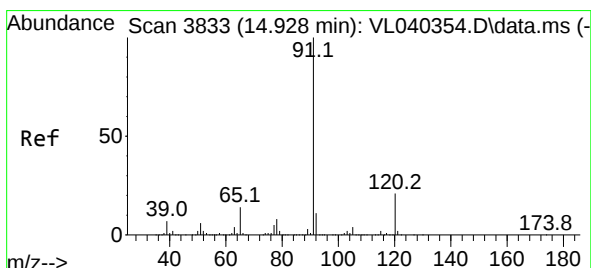
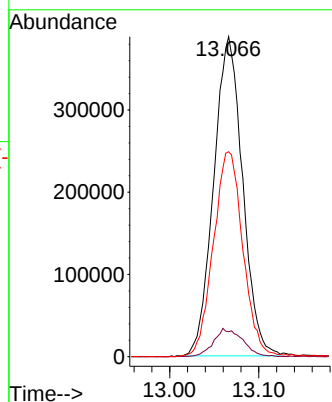
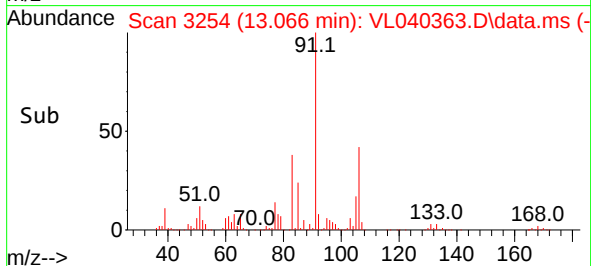
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



Tgt Ion: 83 Resp: 873939
Ion Ratio Lower Upper
83 100
131 8.9 4.3 13.1
85 65.9 32.9 98.6

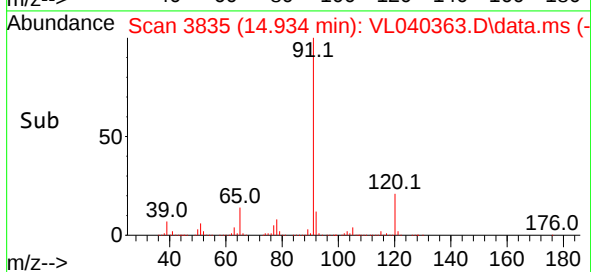
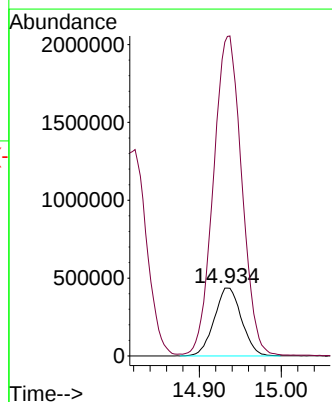
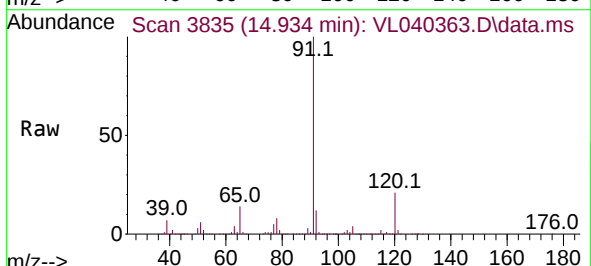
Manual Integrations
APPROVED

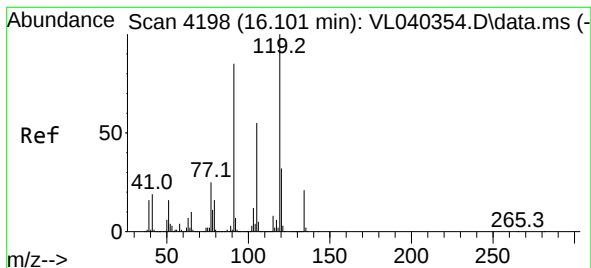
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#64
n-propylbenzene
Concen: 10.560 ppbv
RT: 14.934 min Scan# 3835
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

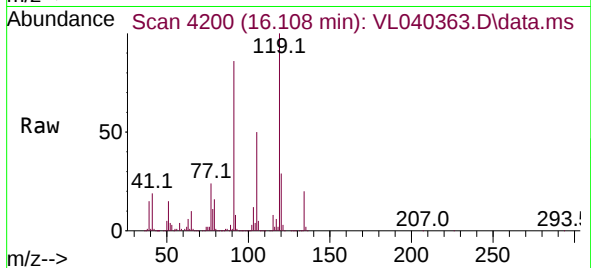
Tgt Ion:120 Resp: 1008928
Ion Ratio Lower Upper
120 100
91 491.1 397.4 596.0





#65
tert-Butylbenzene
Concen: 10.173 ppbv
RT: 16.108 min Scan# 4198
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

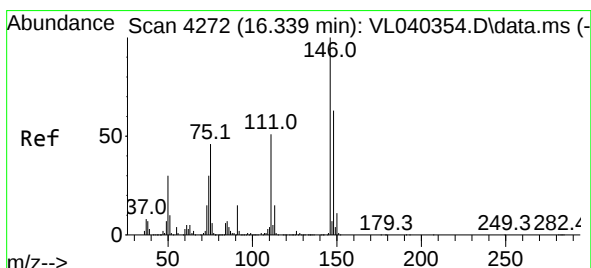
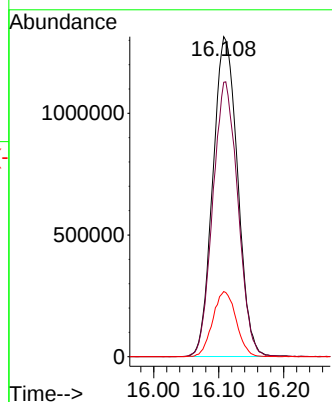
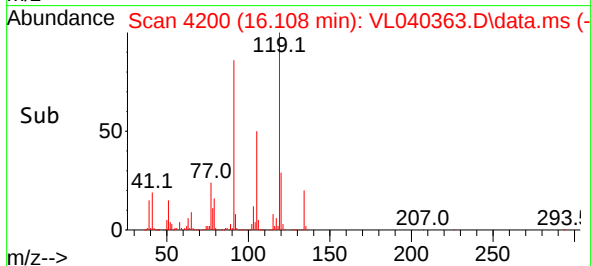
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



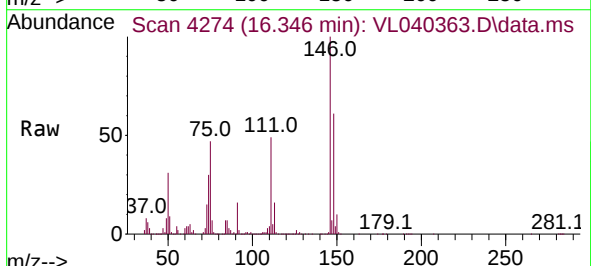
Tgt Ion: 119 Resp: 347550
Ion Ratio Lower Upper
119 100
91 86.9 70.1 105.1
134 19.3 15.6 23.4

Manual Integrations
APPROVED

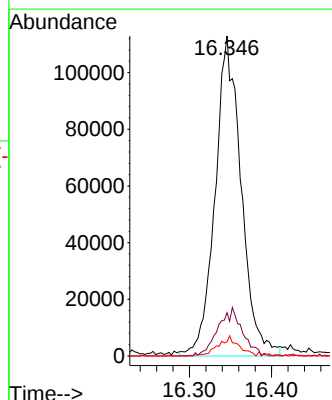
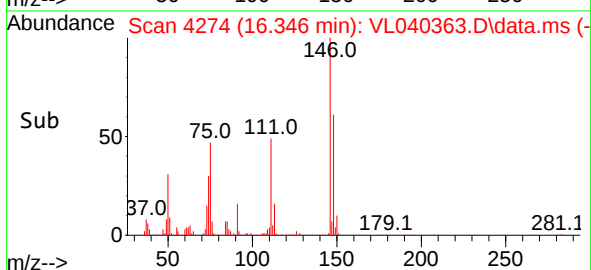
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

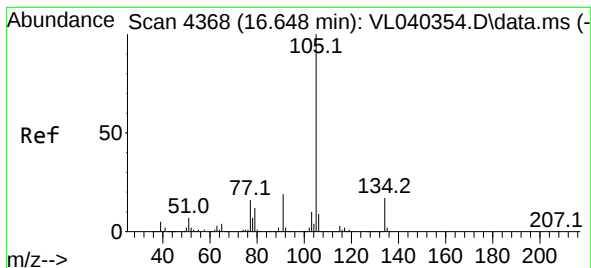


#66
Benzyl Chloride
Concen: 11.778 ppbv m
RT: 16.346 min Scan# 4274
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10



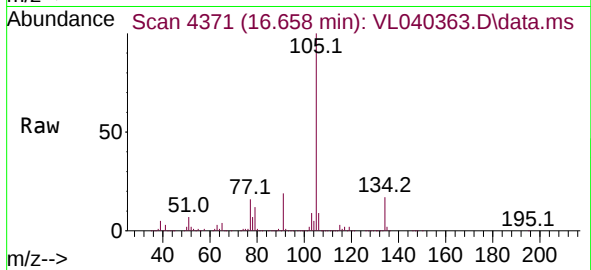
Tgt Ion: 91 Resp: 249130
Ion Ratio Lower Upper
91 100
126 14.3 12.3 18.5
128 5.0 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 10.154 ppbv
 RT: 16.658 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL040363.D
 Acq: 13 Apr 2023 17:10

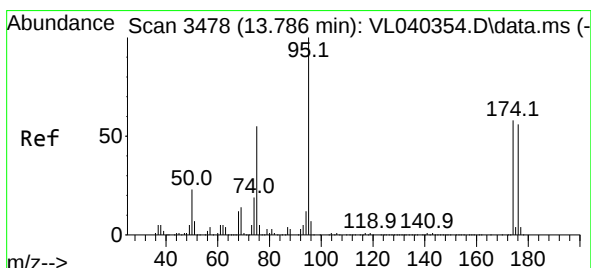
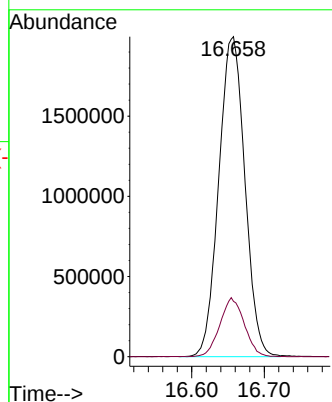
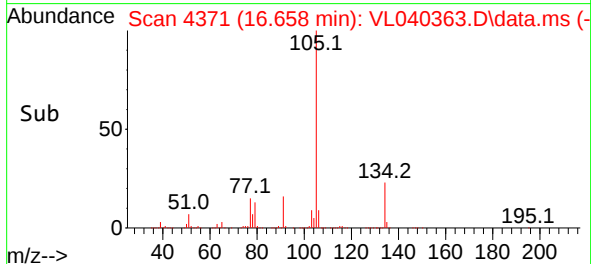
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0413ABS01



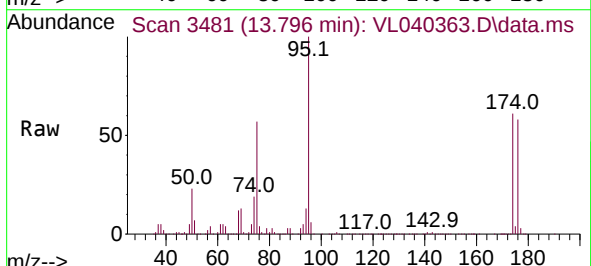
Tgt Ion:105 Resp: 498238
 Ion Ratio Lower Upper
 105 100
 134 17.3 13.8 20.6

Manual Integrations
 APPROVED

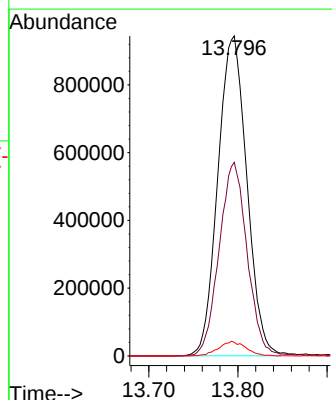
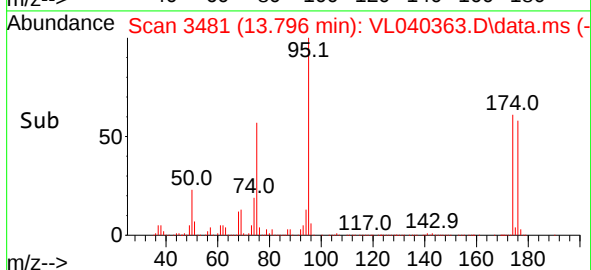
Reviewed By :Semsettin Yesilyurt 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

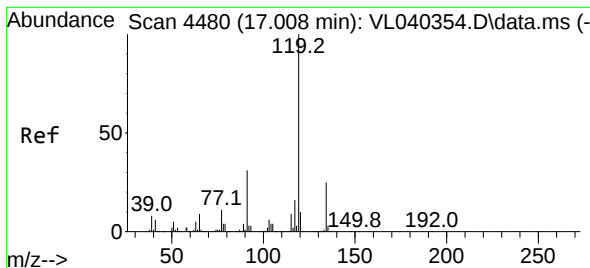


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.355 ppbv
 RT: 13.796 min Scan# 3481
 Delta R.T. 0.010 min
 Lab File: VL040363.D
 Acq: 13 Apr 2023 17:10



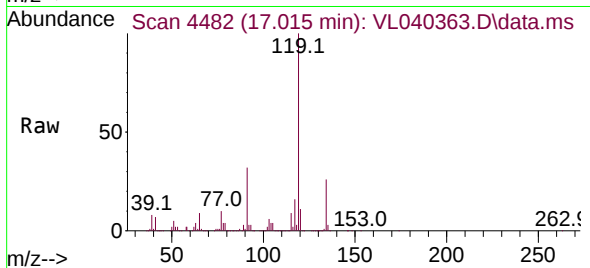
Tgt Ion: 95 Resp: 2126538
 Ion Ratio Lower Upper
 95 100
 174 59.1 47.2 70.8
 175 4.4 3.5 5.3





#69
p-Isopropyltoluene
Concen: 10.381 ppbv
RT: 17.015 min Scan# 4482
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

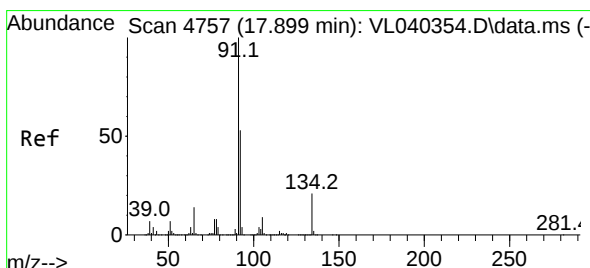
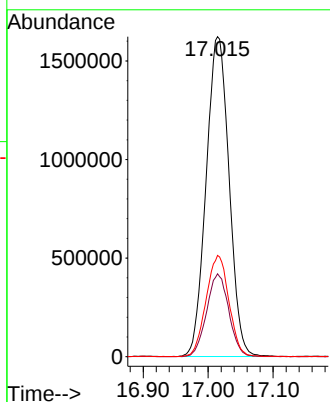
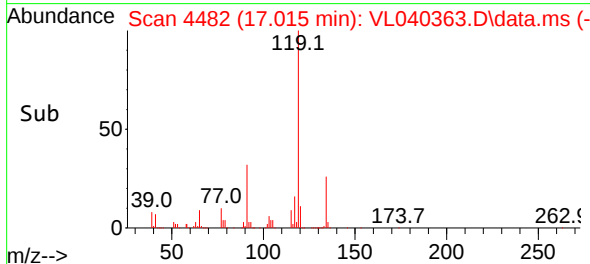
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



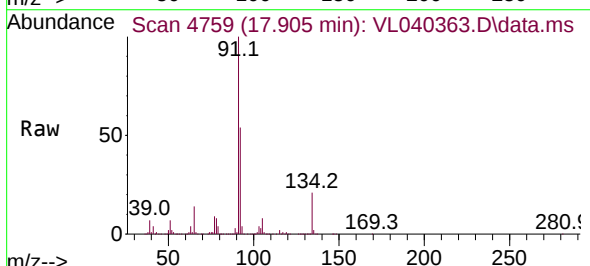
Tgt Ion:119 Resp: 3977633
Ion Ratio Lower Upper
119 100
134 25.1 20.2 30.4
91 31.4 25.7 38.5

Manual Integrations
APPROVED

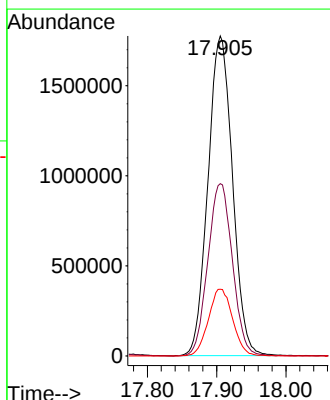
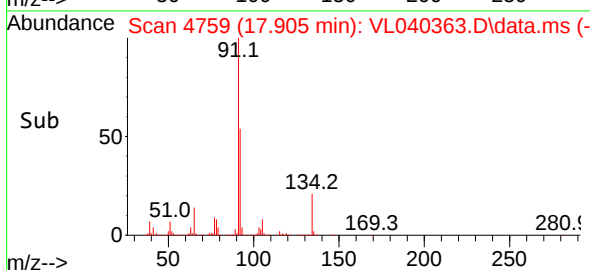
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

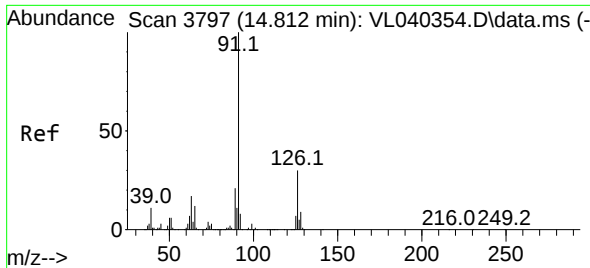


#70
n-Butylbenzene
Concen: 10.273 ppbv
RT: 17.905 min Scan# 4759
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10



Tgt Ion: 91 Resp: 4363695
Ion Ratio Lower Upper
91 100
92 54.1 43.0 64.4
134 20.8 16.6 25.0





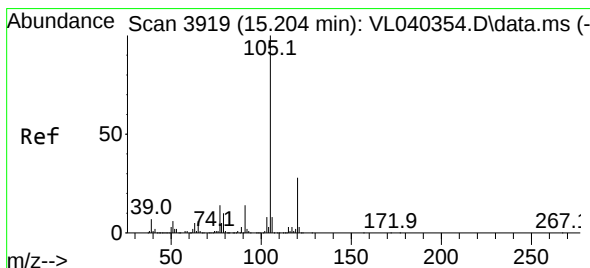
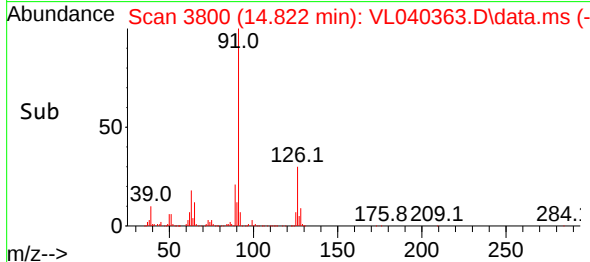
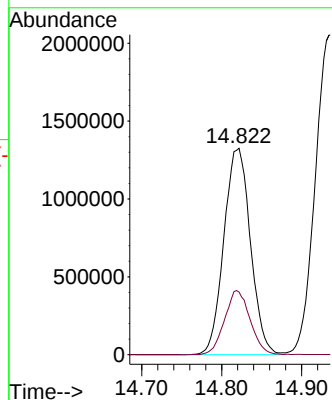
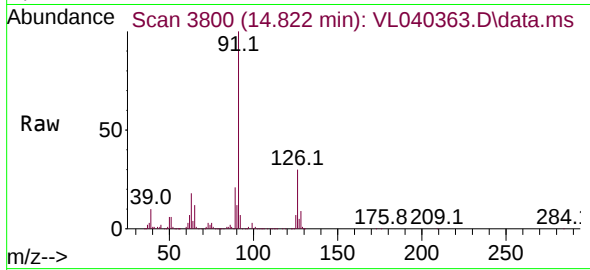
#71
2-Chlorotoluene
Concen: 10.277 ppbv
RT: 14.822 min Scan# 3800
Delta R.T. 0.010 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01

Tgt Ion: 91 Resp: 3063809
Ion Ratio Lower Upper
91 100
126 29.8 11.8 47.4

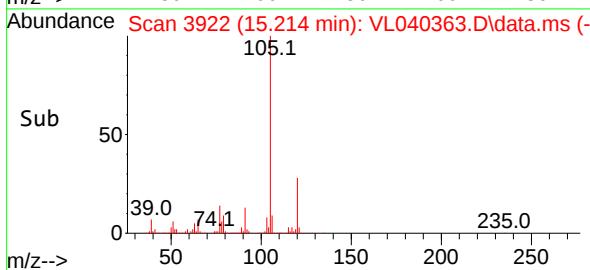
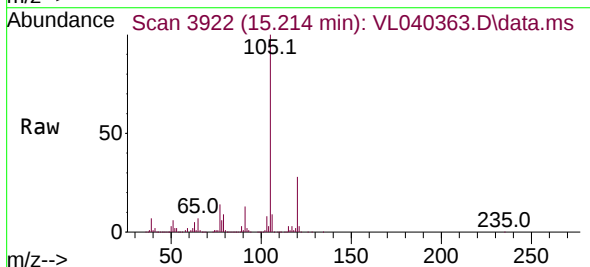
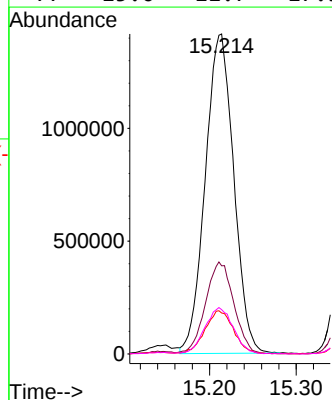
Manual Integrations
APPROVED

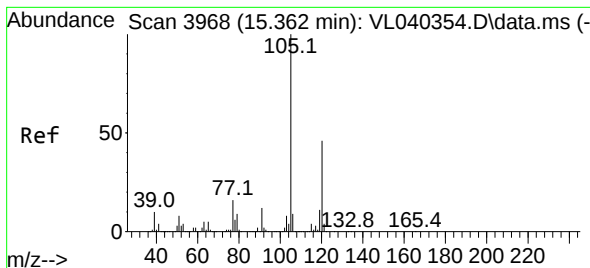
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#72
4-Ethyltoluene
Concen: 10.866 ppbv
RT: 15.214 min Scan# 3922
Delta R.T. 0.010 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

Tgt Ion:105 Resp: 3234407
Ion Ratio Lower Upper
105 100
120 29.5 23.0 34.6
91 14.2 11.3 16.9
77 15.0 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 10.568 ppbv

RT: 15.368 min Scan# 3968

Delta R.T. 0.006 min

Lab File: VL040363.D

Acq: 13 Apr 2023 17:10

Instrument :

MSVOA_L

ClientSampleId :

VL0413ABS01

Tgt Ion:105 Resp: 290569

Ion Ratio Lower Upper

105 100

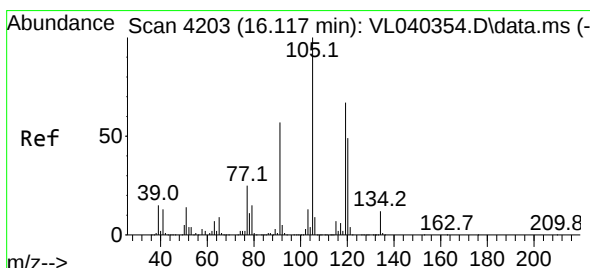
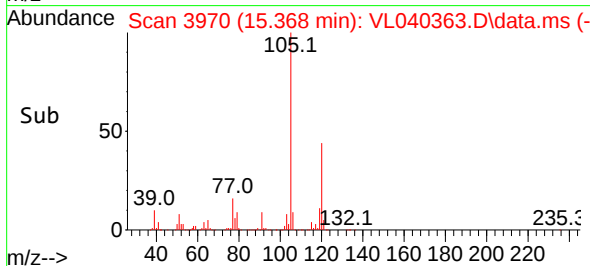
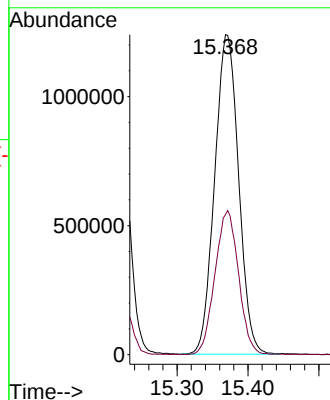
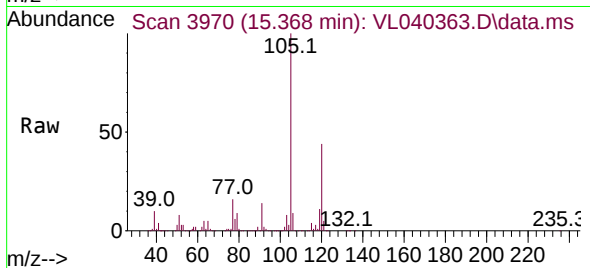
120 43.8 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#74

1,2,4-Trimethylbenzene

Concen: 10.115 ppbv

RT: 16.127 min Scan# 4206

Delta R.T. 0.010 min

Lab File: VL040363.D

Acq: 13 Apr 2023 17:10

Tgt Ion:105 Resp: 3178886

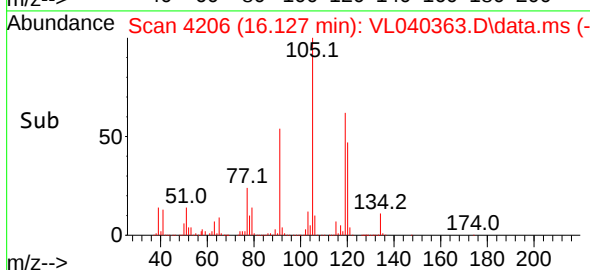
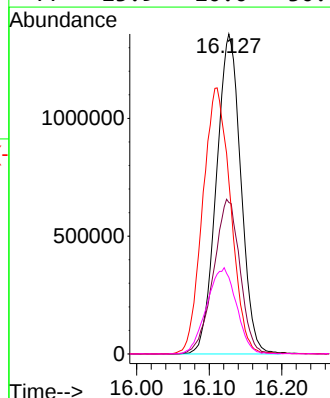
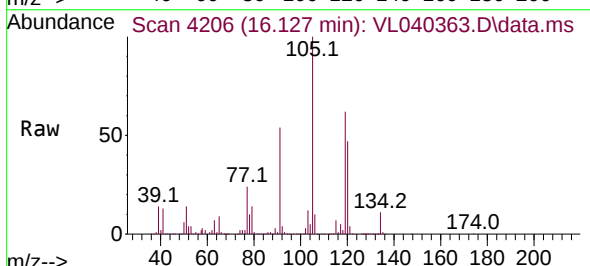
Ion Ratio Lower Upper

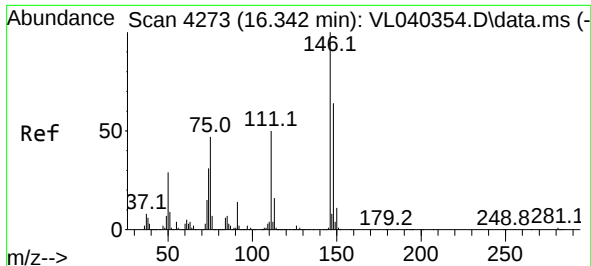
105 100

120 47.2 38.9 58.3

91 53.8 46.0 69.0

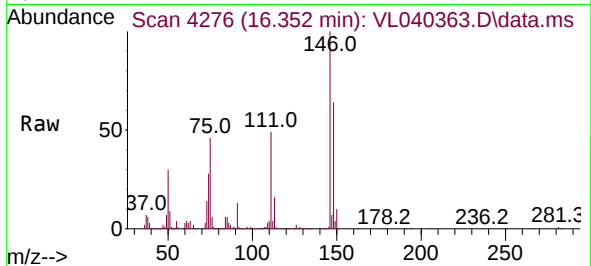
77 23.9 20.0 30.0





#75
1,3-Dichlorobenzene
Concen: 10.157 ppbv
RT: 16.352 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

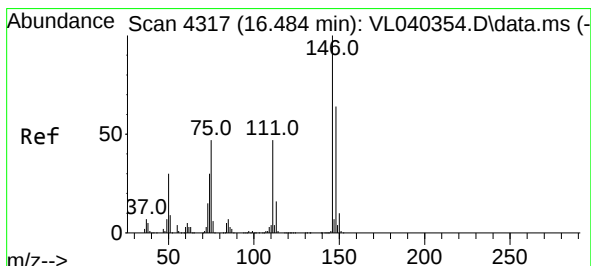
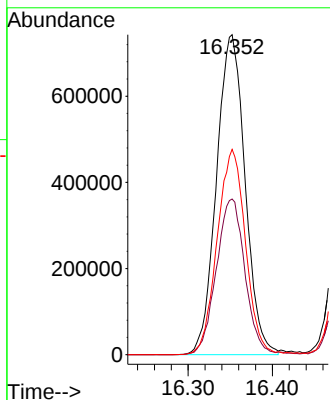
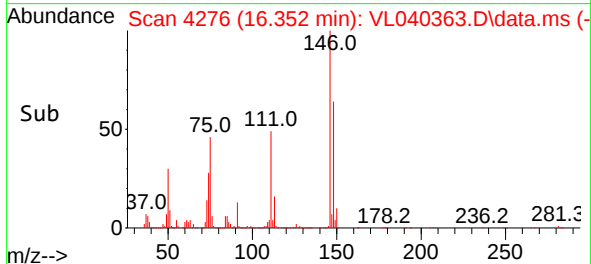
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



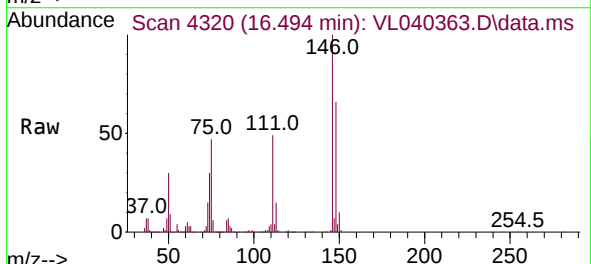
Tgt Ion:146 Resp: 1748280
Ion Ratio Lower Upper
146 100
111 48.9 24.6 74.0
148 63.7 32.1 96.3

Manual Integrations
APPROVED

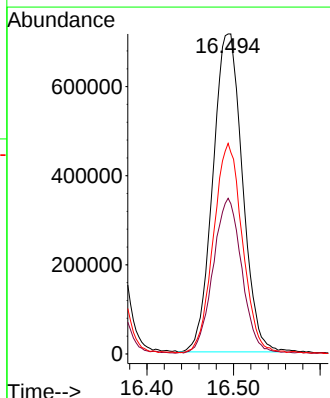
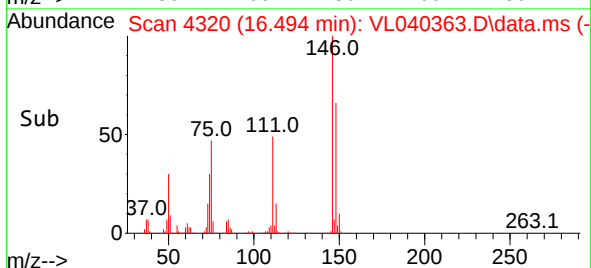
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

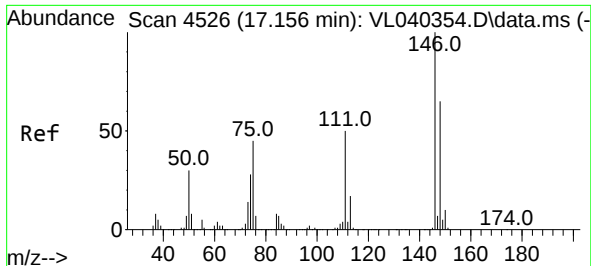


#76
1,4-Dichlorobenzene
Concen: 9.944 ppbv
RT: 16.494 min Scan# 4320
Delta R.T. 0.010 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10



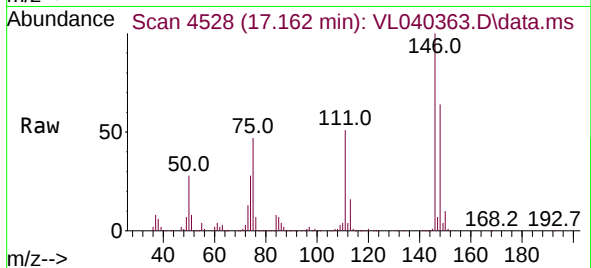
Tgt Ion:146 Resp: 1691170
Ion Ratio Lower Upper
146 100
111 48.4 23.8 71.4
148 65.9 32.4 97.2





#77
1,2-Dichlorobenzene
Concen: 9.800 ppbv
RT: 17.162 min Scan# 4528
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

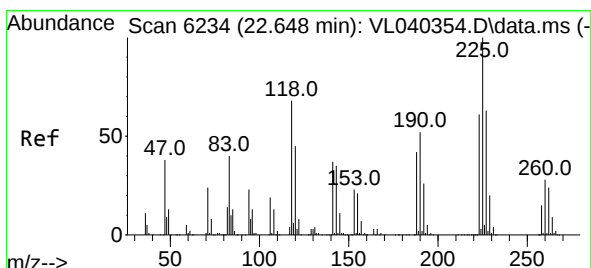
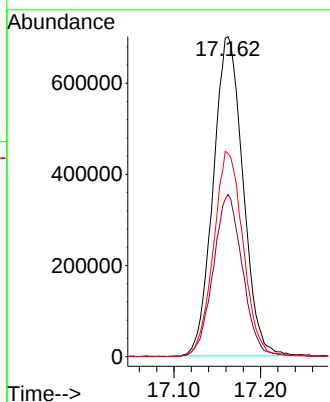
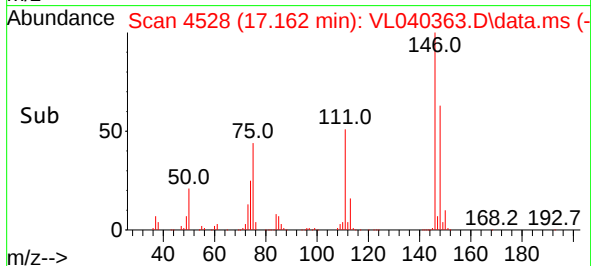
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



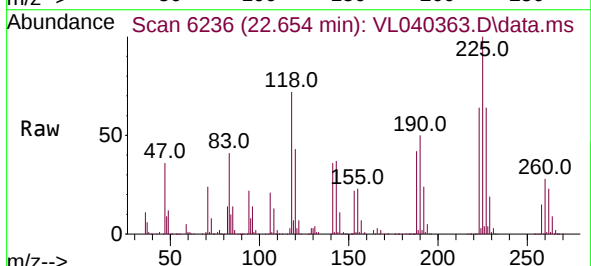
Tgt Ion:146 Resp: 1668100
Ion Ratio Lower Upper
146 100
111 50.5 25.4 76.0
148 64.5 32.0 96.2

Manual Integrations
APPROVED

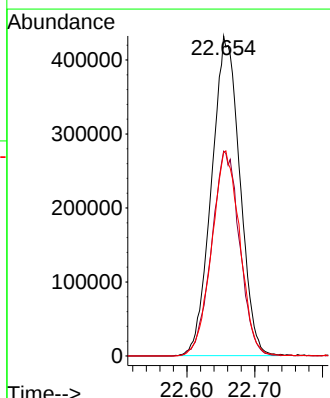
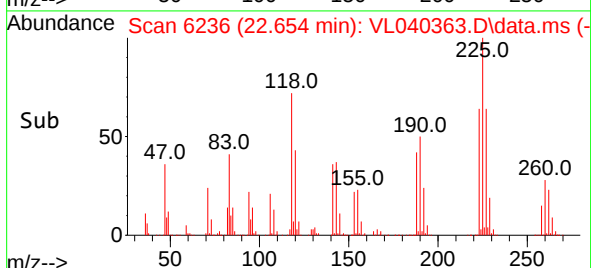
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

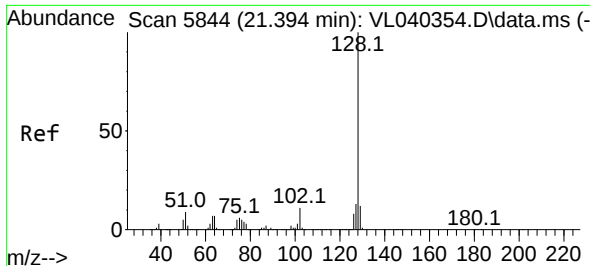


#78
Hexachloro-1,3-Butadiene
Concen: 9.165 ppbv
RT: 22.654 min Scan# 6236
Delta R.T. 0.006 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10



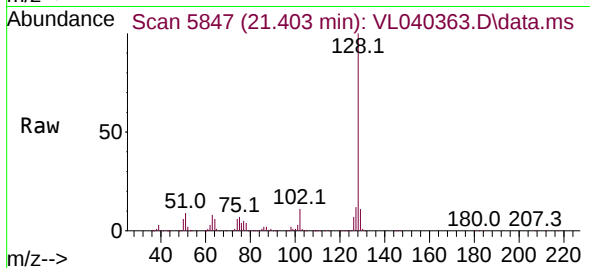
Tgt Ion:225 Resp: 1250597
Ion Ratio Lower Upper
225 100
223 64.0 50.7 76.1
227 64.1 51.0 76.4





#79
Naphthalene
Concen: 12.659 ppbv
RT: 21.403 min Scan# 5847
Delta R.T. 0.010 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

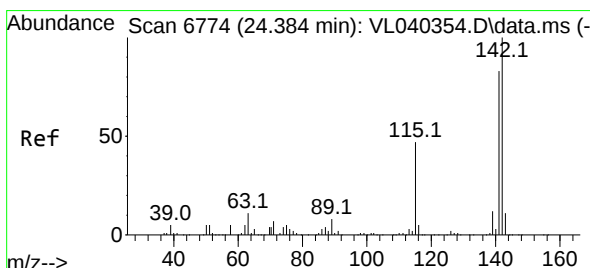
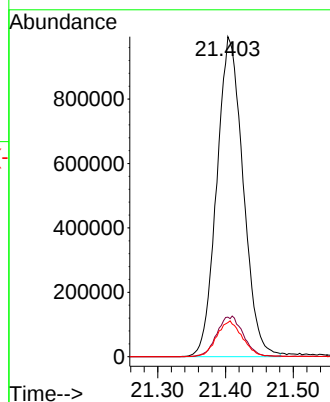
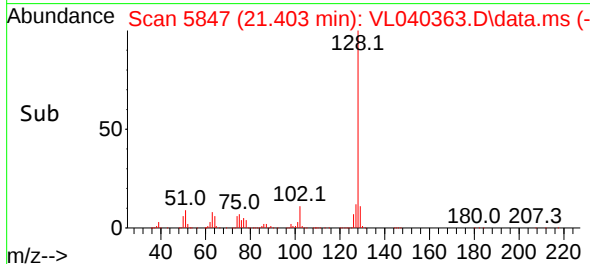
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



Tgt Ion:128 Resp: 268545
Ion Ratio Lower Upper
128 100
127 12.4 10.0 15.0
129 10.7 9.4 14.0

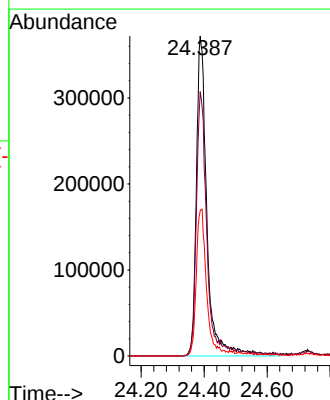
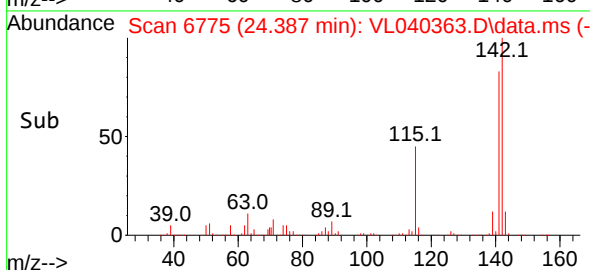
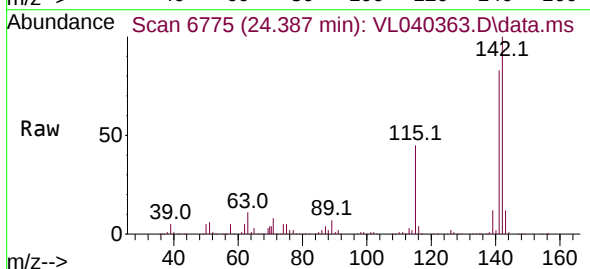
Manual Integrations
APPROVED

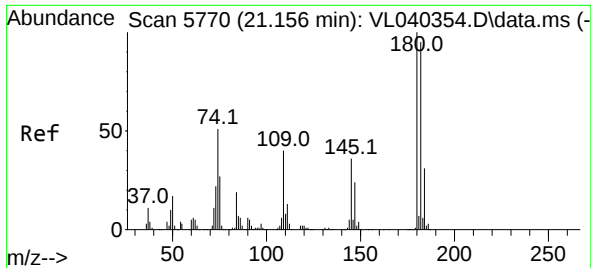
Reviewed By :Semsettin Yesilyurt 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#80
Naphthalene,2-methyl-
Concen: 13.840 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.003 min
Lab File: VL040363.D
Acq: 13 Apr 2023 17:10

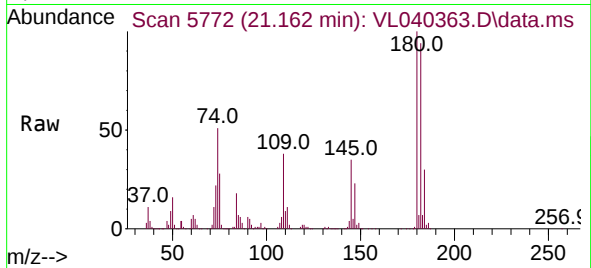
Tgt Ion:142 Resp: 873916
Ion Ratio Lower Upper
142 100
141 82.0 65.1 97.7
115 46.4 36.5 54.7





#81
 1,2,4-Trichlorobenzene
 Concen: 10.770 ppbv
 RT: 21.162 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VL040363.D
 Acq: 13 Apr 2023 17:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0413ABS01



Tgt Ion:180 Resp: 140394

Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.7	116.5
184	30.3	24.2	36.2

Manual Integrations
 APPROVED

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

