

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
 Data File : VL041122.D
 Acq On : 4 Apr 2024 10:45
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

Quant Time: Apr 05 04:16:39 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M

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

QLast Update : Fri Apr 05 04:13:19 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	1452151	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.680	114	3779418	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.500	117	3451776	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.809 95 2820273 10.198 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.735	85	274396	1.101	ppbv	94
3) Chlorodifluoromethane	2.681	51	241691	1.081	ppbv	98
4) Chloromethane	2.819	50	88011	1.040	ppbv	100
5) Vinyl Chloride	2.928	62	89026	1.101	ppbv	92
6) Bromomethane	3.128	94	32277m	1.049	ppbv	
7) Chloroethane	3.208	64	32684	1.109	ppbv	90
8) Dichlorotetrafluoroethane	2.864	85	223128	1.053	ppbv	95
9) Propene	2.697	41	75495	1.061	ppbv	99
10) Heptane	7.610	43	171597	1.016	ppbv	98
11) Trichlorofluoromethane	3.574	101	238891	1.061	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.086	101	173001	1.061	ppbv	98
13) Ethanol	3.272	45	21394	1.291	ppbv	99
14) Bromoethene	3.378	108	63906	0.995	ppbv	89
15) Acetone	3.491	43	172327	1.096	ppbv	97
16) 1,3-Butadiene	2.993	39	79376	1.028	ppbv	92
17) tert-Butyl alcohol	3.906	59	162555	1.139	ppbv	99
18) 1,1-Dichloroethene	3.896	96	73067	1.050	ppbv	84
19) Isopropyl Alcohol	3.603	45	112810	1.168	ppbv	98
20) Methylene Chloride	3.947	84	70799	1.092	ppbv	95
21) Allyl Chloride	4.012	41	96530	1.008	ppbv	95
22) trans-1,2-Dichloroethene	4.468	96	73157	1.008	ppbv	91
23) Vinyl Acetate	4.652	43	162125	0.994	ppbv #	96
24) 1,1-Dichloroethane	4.581	63	147739	1.011	ppbv	96
25) Ethyl Acetate	5.234	43	302171	1.023	ppbv	98
26) Hexane	5.237	57	143979	1.087	ppbv	96
27) Carbon Disulfide	4.144	76	157992	0.982	ppbv	98
28) Methyl tert-Butyl Ether	4.616	73	101404	1.014	ppbv	97
29) Chloroform	5.295	83	238488	1.068	ppbv	99
30) Cyclohexane	6.629	84	102346	0.960	ppbv	94
31) cis-1,2-Dichloroethene	5.102	61	126633	1.010	ppbv	87
32) 1,1,1-Trichloroethane	6.028	97	221675	1.074	ppbv	96
34) 2-Butanone	4.812	43	165277	1.012	ppbv	99
35) Carbon Tetrachloride	6.523	117	231163	1.072	ppbv	99
36) Benzene	6.398	78	284445	1.026	ppbv	98
37) 1,2-Dichloroethane	5.832	62	168020	1.008	ppbv	98
38) Trichloroethene	7.314	130	106673m	1.060	ppbv	
39) 1,2-Dichloropropane	7.095	63	111334m	1.012	ppbv	
40) 1,4-Dioxane	7.333	88	43538m	1.154	ppbv	
41) Tetrahydrofuran	5.597	42	108775m	1.042	ppbv	
42) Bromodichloromethane	7.275	83	236675	0.994	ppbv	92
43) Methyl Methacrylate	7.507	69	98797	1.026	ppbv	92
44) 2,2,4-Trimethylpentane	7.359	57	479124	1.043	ppbv	98
45) t-1,3-Dichloropropene	8.745	75	54513m	0.878	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
 Data File : VL041122.D
 Acq On : 4 Apr 2024 10:45
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

Quant Time: Apr 05 04:16:39 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M

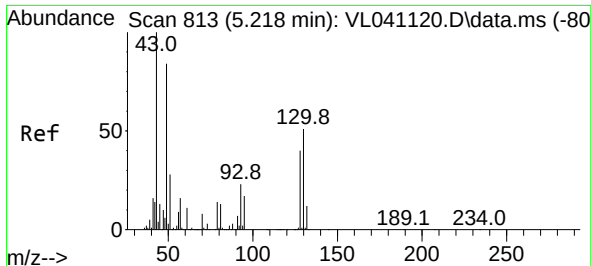
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Apr 05 04:13:19 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.169	75	75325m	0.953	ppbv	
47) 1,1,2-Trichloroethane	8.928	97	117571	0.994	ppbv	92
48) Dibromochloromethane	9.741	129	179547	0.956	ppbv	97
49) Bromoform	12.442	173	139219m	0.935	ppbv	
50) 4-Methyl-2-Pentanone	8.224	43	277564	0.991	ppbv	100
51) 2-Hexanone	9.597	43	186788m	0.962	ppbv	
52) Tetrachloroethene	10.645	164	92701	1.043	ppbv	89
53) Toluene	9.249	91	284677	0.971	ppbv	100
54) 1,2-Dibromoethane	10.044	107	145141	0.985	ppbv	91
56) 1,1,1,2-Tetrachloroethane	11.542	131	150285	1.065	ppbv #	1
57) Chlorobenzene	11.555	112	246479	1.055	ppbv	98
58) Ethyl Benzene	12.124	91	388820	1.034	ppbv	97
59) m/p-Xylene	12.407	91	712839m	2.098	ppbv	
60) o-Xylene	13.092	91	333251	1.031	ppbv	100
61) Styrene	12.928	104	134618m	0.941	ppbv	
62) Isopropylbenzene	14.063	105	505349	1.053	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.082	83	278514	1.092	ppbv	98
64) n-propylbenzene	14.950	120	124398	1.036	ppbv	92
65) tert-Butylbenzene	16.121	119	437475	1.044	ppbv	95
66) Benzyl Chloride	16.365	91	25581m	0.926	ppbv	
67) sec-Butylbenzene	16.670	105	643782	1.065	ppbv	96
69) p-Isopropyltoluene	17.031	119	480697	1.020	ppbv	97
70) n-Butylbenzene	17.924	91	521755	1.017	ppbv	99
71) 2-Chlorotoluene	14.834	91	378542	1.030	ppbv	99
72) 4-Ethyltoluene	15.227	105	366886	1.029	ppbv	97
73) 1,3,5-Trimethylbenzene	15.384	105	320568	1.011	ppbv	91
74) 1,2,4-Trimethylbenzene	16.137	105	386169m	1.057	ppbv	
75) 1,3-Dichlorobenzene	16.365	146	213569	1.007	ppbv	99
76) 1,4-Dichlorobenzene	16.506	146	205228	0.994	ppbv	97
77) 1,2-Dichlorobenzene	17.172	146	202607	0.983	ppbv	94
78) Hexachloro-1,3-Butadiene	22.673	225	141590	1.034	ppbv	99
79) Naphthalene	21.432	128	223833m	0.975	ppbv	
80) Naphthalene,2-methyl-	24.419	142	33375m	0.829	ppbv	
81) 1,2,4-Trichlorobenzene	21.185	180	121100m	0.915	ppbv	

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



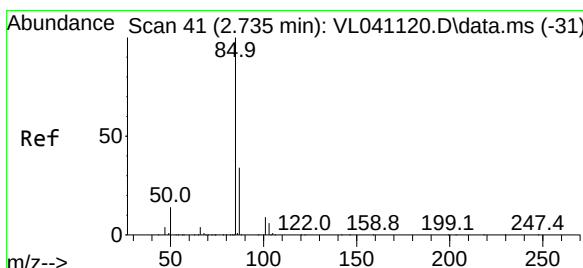
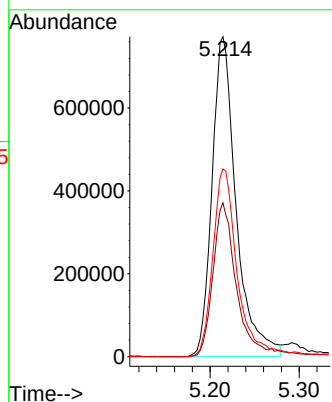
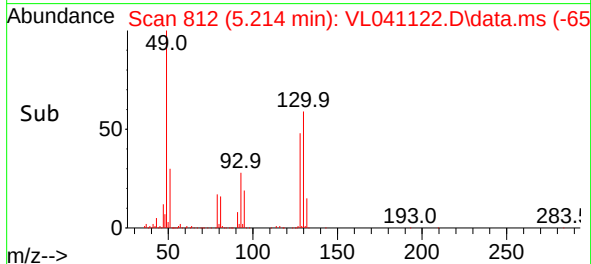
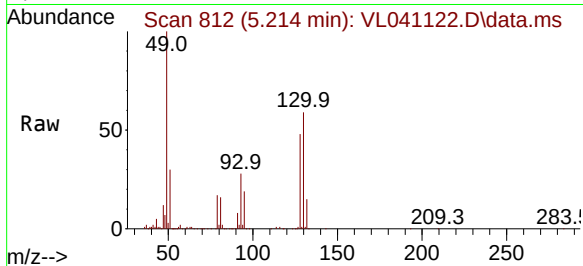
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. -0.004 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 49 Resp: 145215
Ion Ratio Lower Upper
49 100
128 48.8 23.6 71.0
130 61.5 30.1 90.5

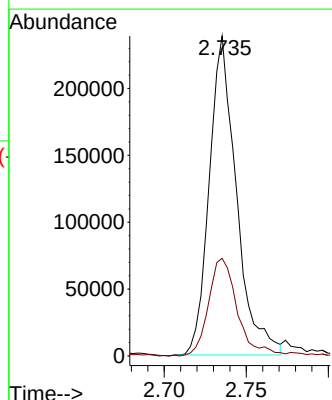
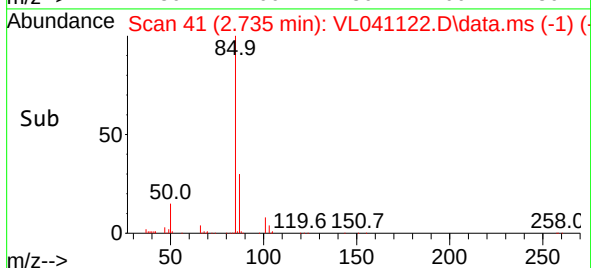
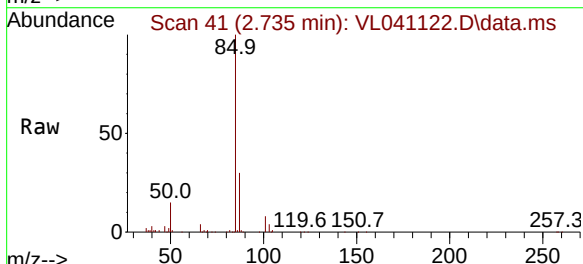
Manual Integrations
APPROVED

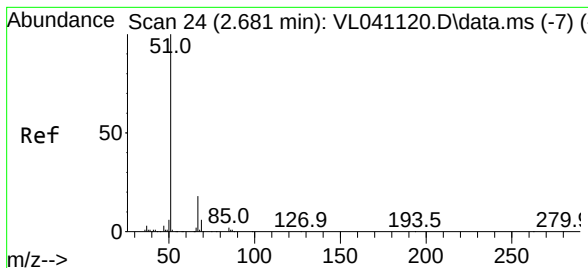
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#2
Dichlorodifluoromethane
Concen: 1.101 ppbv
RT: 2.735 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

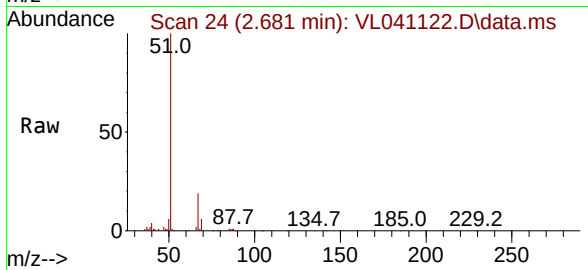
Tgt Ion: 85 Resp: 274396
Ion Ratio Lower Upper
85 100
87 30.6 27.0 40.6





#3
Chlorodifluoromethane
Concen: 1.081 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.000 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

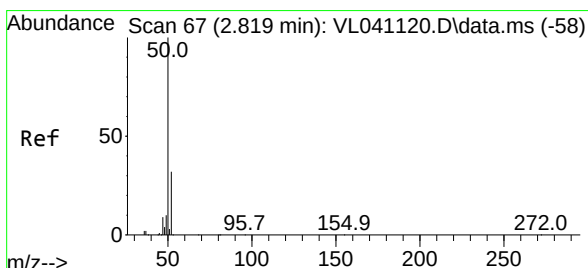
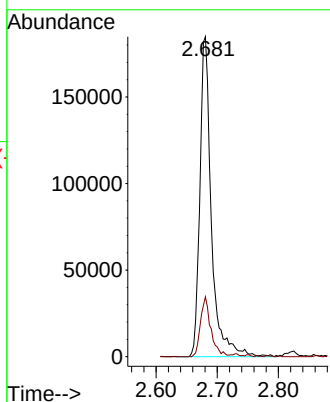
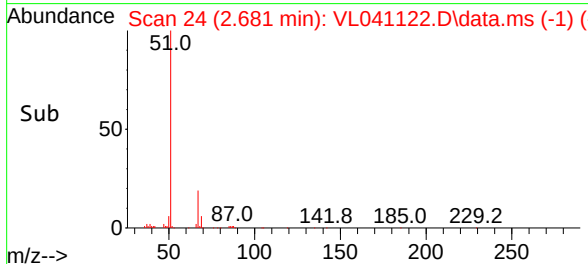
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



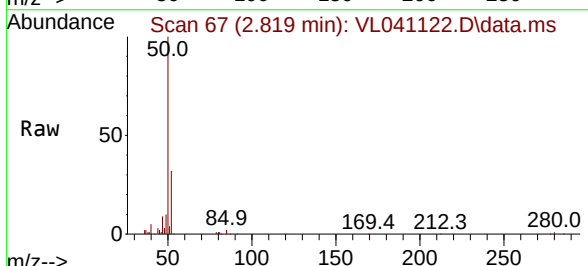
Tgt Ion: 51 Resp: 24169
Ion Ratio Lower Upper
51 100
67 17.8 14.9 22.3

Manual Integrations
APPROVED

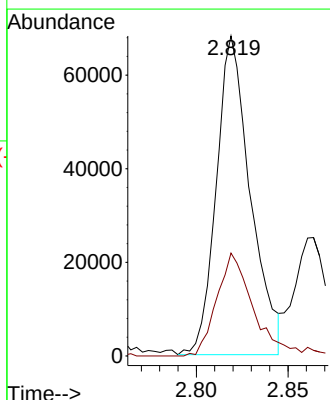
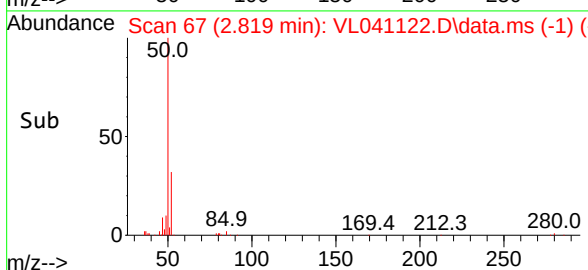
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

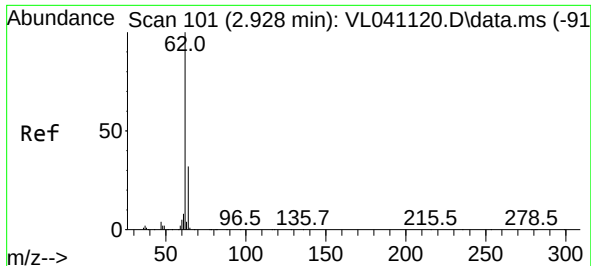


#4
Chloromethane
Concen: 1.040 ppbv
RT: 2.819 min Scan# 67
Delta R.T. -0.000 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45



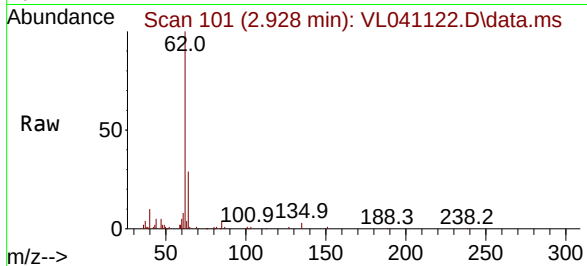
Tgt Ion: 50 Resp: 88011
Ion Ratio Lower Upper
50 100
52 32.3 26.0 39.0





#5
 Vinyl Chloride
 Concen: 1.101 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. -0.000 min
 Lab File: VL041122.D
 Acq: 4 Apr 2024 10:45

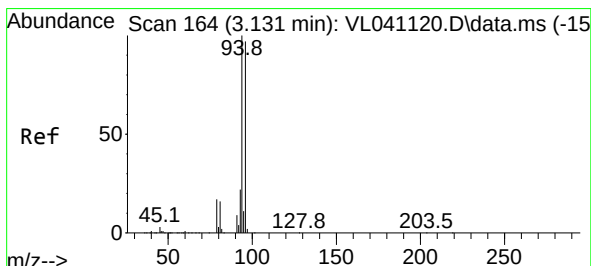
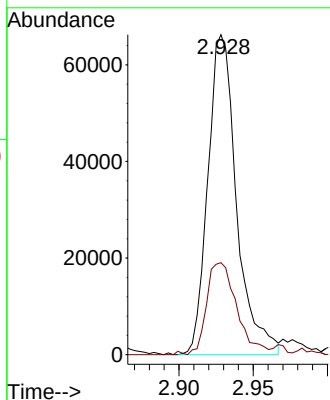
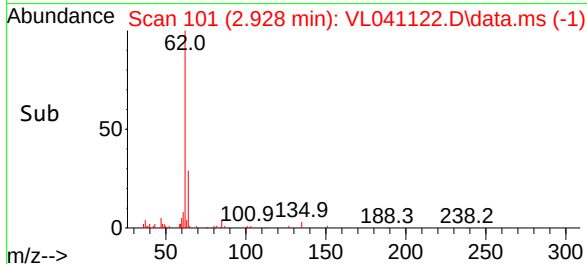
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 62 Resp: 89020
 Ion Ratio Lower Upper
 62 100
 64 27.7 25.6 38.4

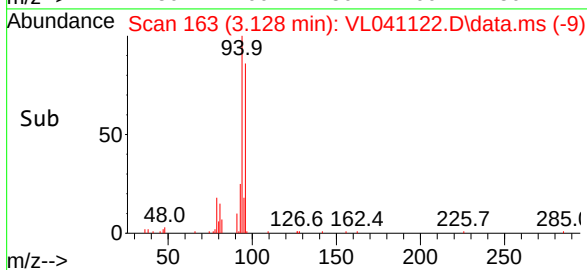
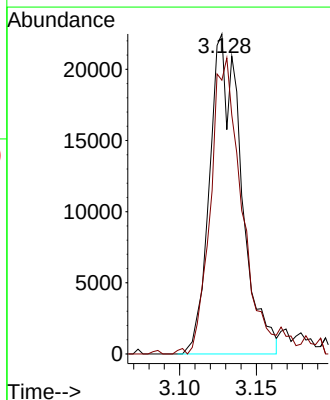
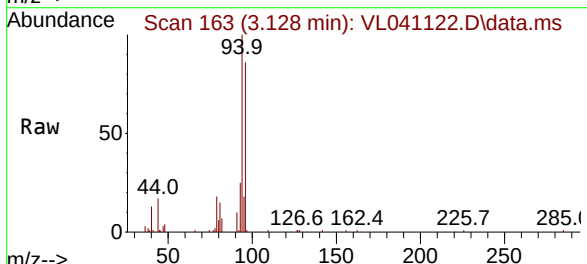
Manual Integrations
 APPROVED

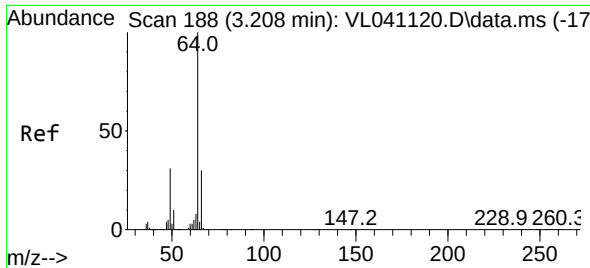
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024



#6
 Bromomethane
 Concen: 1.049 ppbv m
 RT: 3.128 min Scan# 163
 Delta R.T. -0.003 min
 Lab File: VL041122.D
 Acq: 4 Apr 2024 10:45

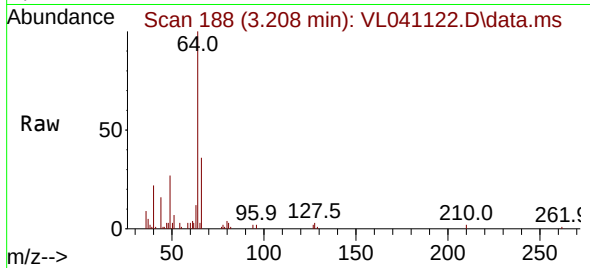
Tgt Ion: 94 Resp: 32277
 Ion Ratio Lower Upper
 94 100
 96 85.6 77.9 116.9





#7
Chloroethane
Concen: 1.109 ppbv
RT: 3.208 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

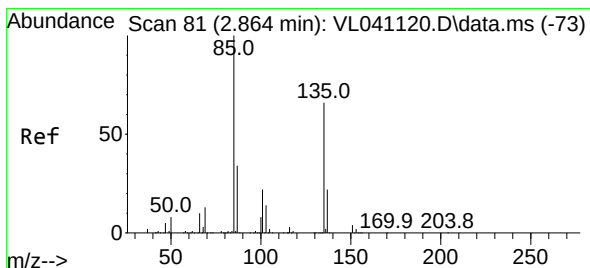
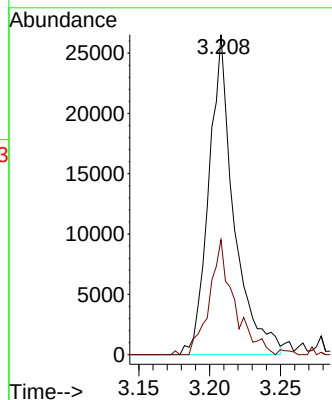
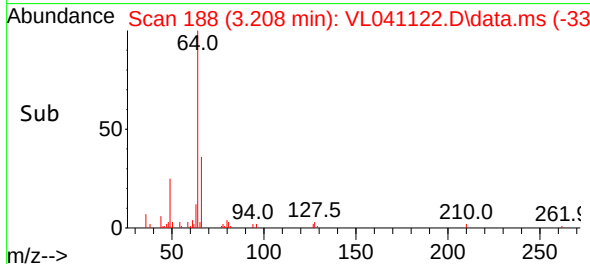
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 64 Resp: 32684
Ion Ratio Lower Upper
64 100
66 36.0 24.2 36.4

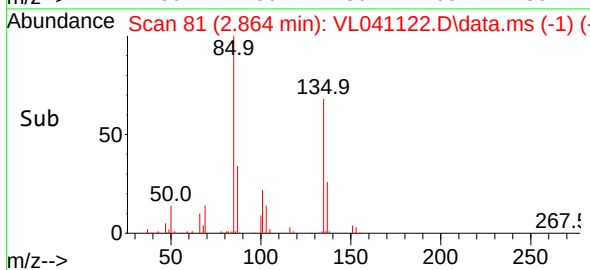
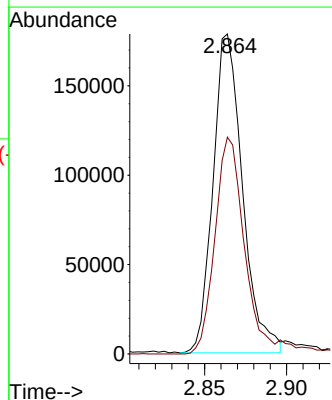
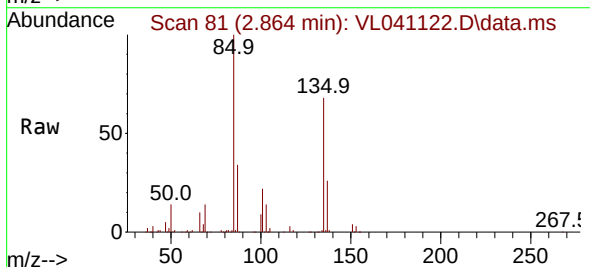
Manual Integrations
APPROVED

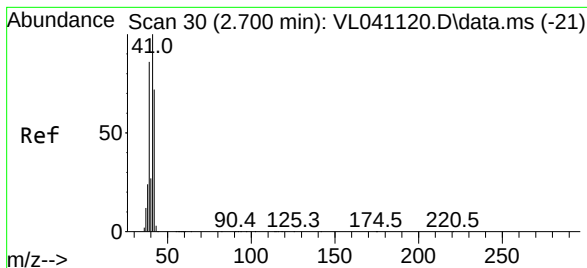
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#8
Dichlorotetrafluoroethane
Concen: 1.053 ppbv
RT: 2.864 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

Tgt Ion: 85 Resp: 223128
Ion Ratio Lower Upper
85 100
135 71.7 54.2 81.2





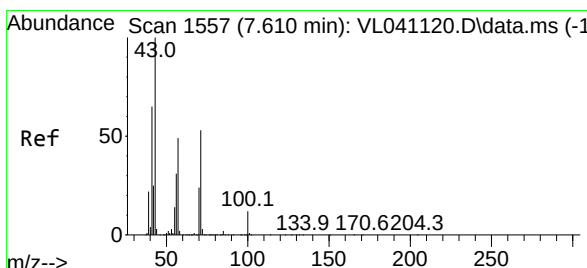
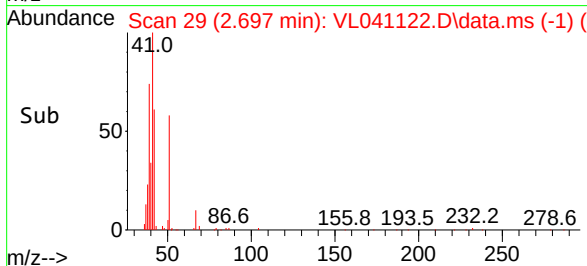
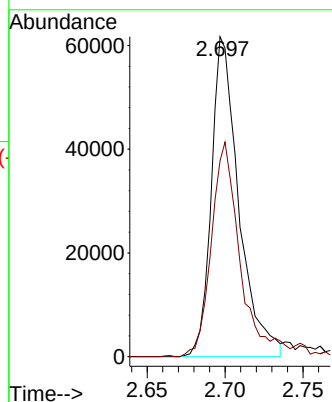
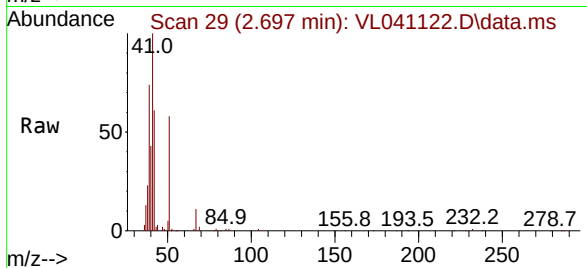
#9
 Propene
 Concen: 1.061 ppbv
 RT: 2.697 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VL041122.D
 Acq: 4 Apr 2024 10:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 41 Resp: 7549
 Ion Ratio Lower Upper
 41 100
 42 74.0 60.1 90.1

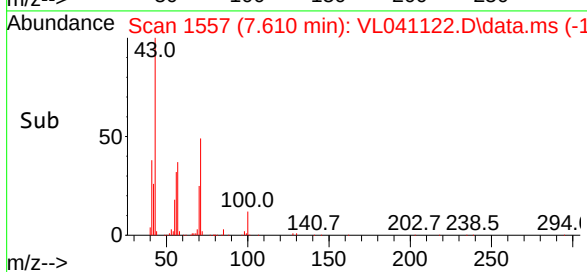
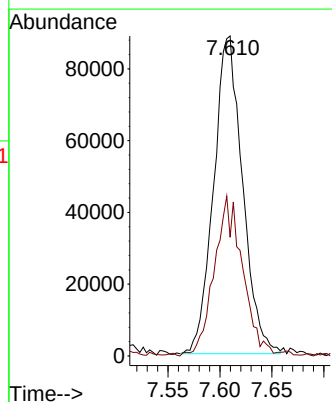
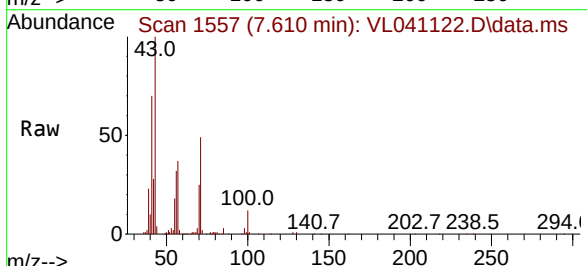
Manual Integrations
 APPROVED

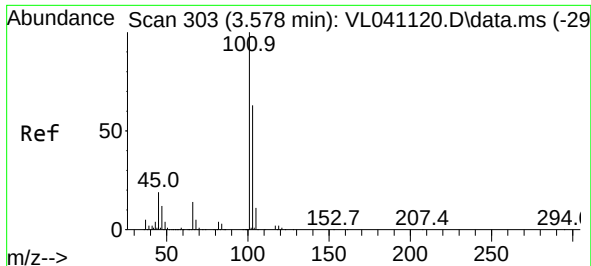
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024



#10
 Heptane
 Concen: 1.016 ppbv
 RT: 7.610 min Scan# 1557
 Delta R.T. -0.000 min
 Lab File: VL041122.D
 Acq: 4 Apr 2024 10:45

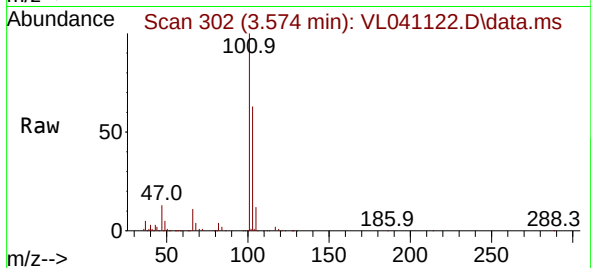
Tgt Ion: 43 Resp: 171597
 Ion Ratio Lower Upper
 43 100
 57 48.5 39.9 59.9





#11
 Trichlorofluoromethane
 Concen: 1.061 ppbv
 RT: 3.574 min Scan# 303
 Delta R.T. -0.003 min
 Lab File: VL041122.D
 Acq: 4 Apr 2024 10:45

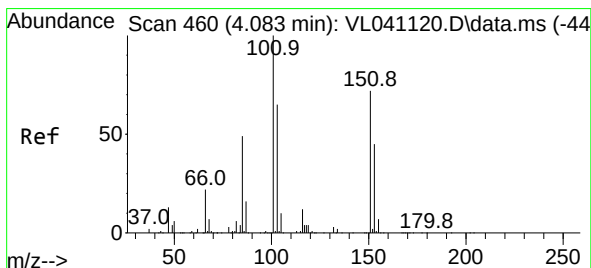
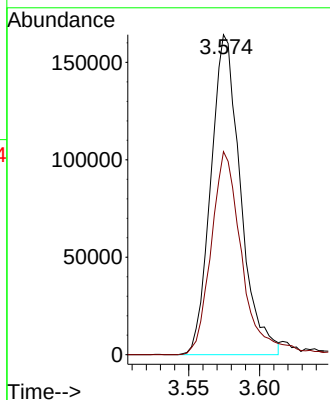
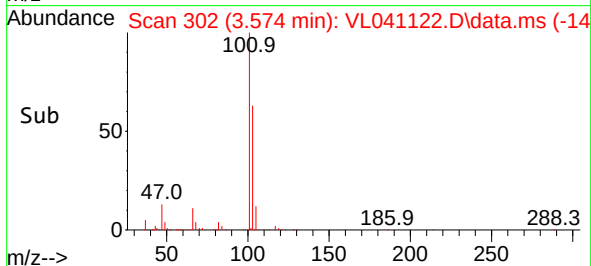
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



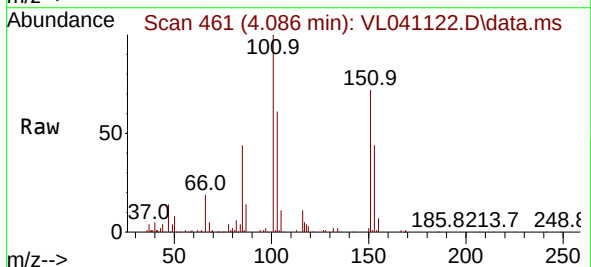
Tgt Ion:101 Resp: 23889
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.6 75.8

Manual Integrations
 APPROVED

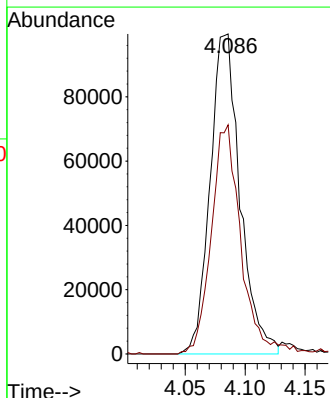
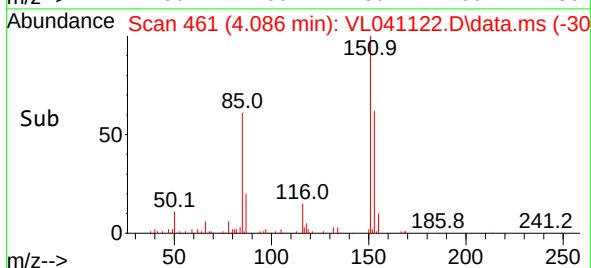
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

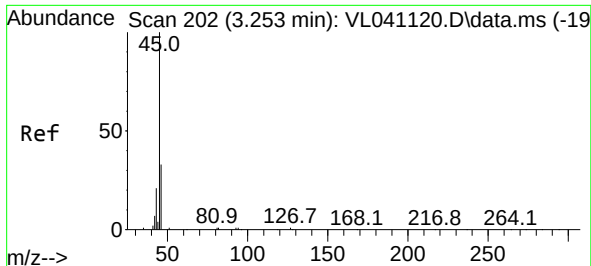


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.061 ppbv
 RT: 4.086 min Scan# 461
 Delta R.T. 0.003 min
 Lab File: VL041122.D
 Acq: 4 Apr 2024 10:45



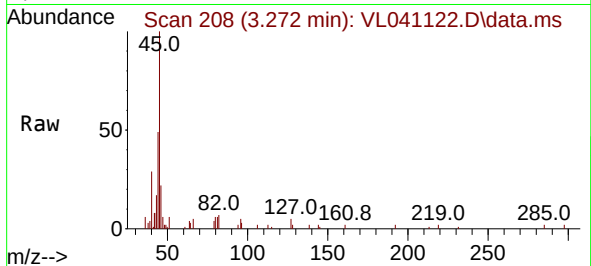
Tgt Ion:101 Resp: 173001
 Ion Ratio Lower Upper
 101 100
 151 71.9 56.2 84.4





#13
Ethanol
Concen: 1.291 ppbv
RT: 3.272 min Scan# 208
Delta R.T. 0.019 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

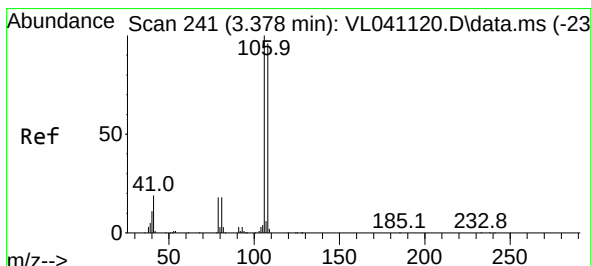
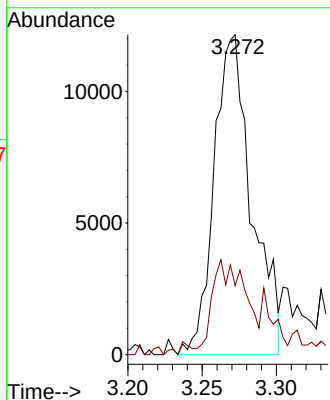
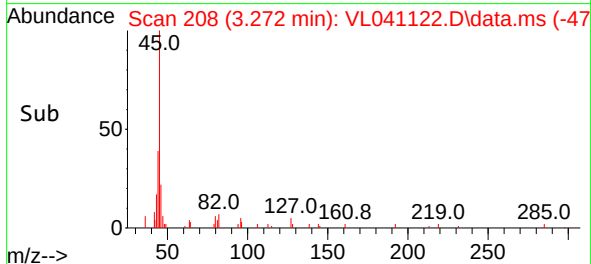
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 45 Resp: 21394
Ion Ratio Lower Upper
45 100
46 38.1 15.0 59.8

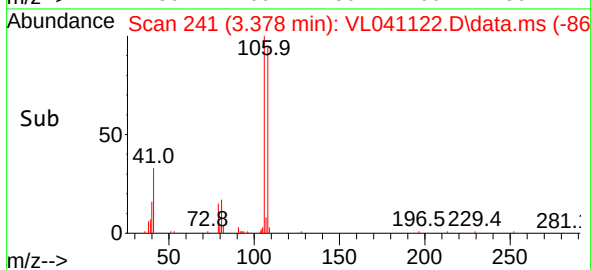
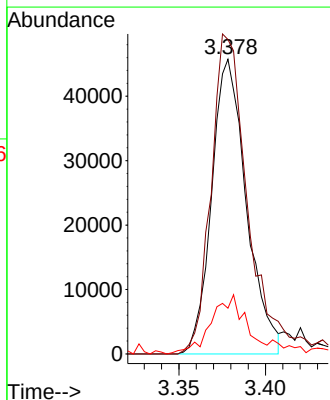
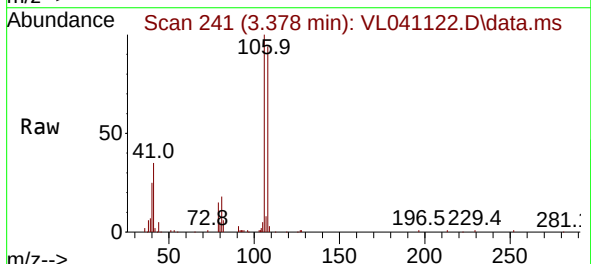
Manual Integrations
APPROVED

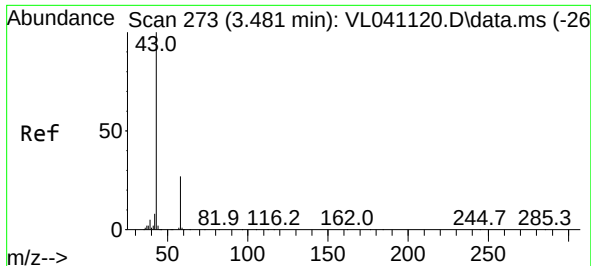
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#14
Bromoethene
Concen: 0.995 ppbv
RT: 3.378 min Scan# 241
Delta R.T. -0.000 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

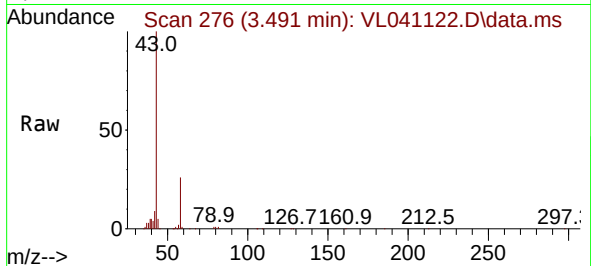
Tgt Ion:108 Resp: 63906
Ion Ratio Lower Upper
108 100
106 120.8 86.0 129.0
79 20.6 15.4 23.2





#15
Acetone
Concen: 1.096 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

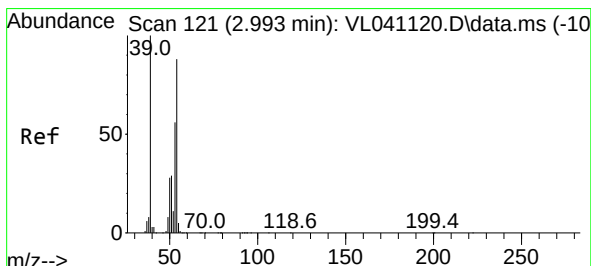
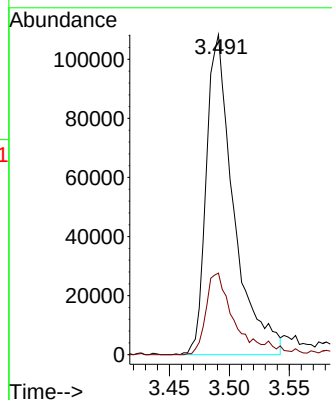
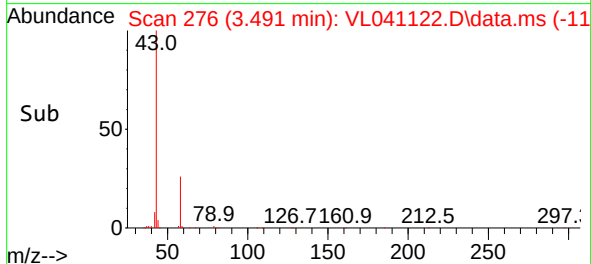
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 43 Resp: 17232
Ion Ratio Lower Upper
43 100
58 27.9 21.1 31.7

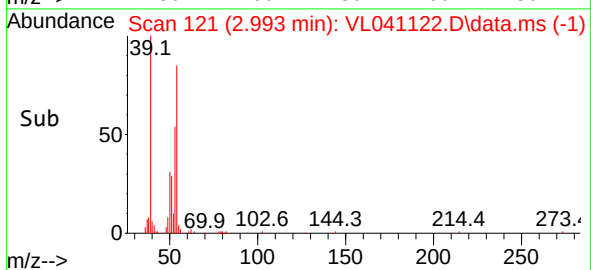
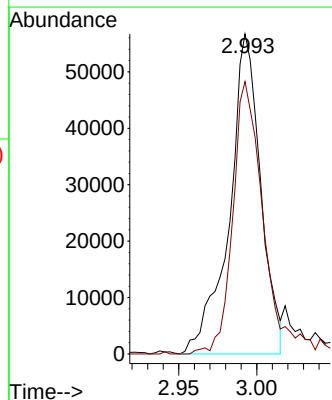
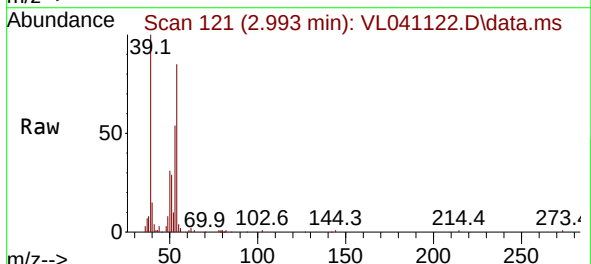
Manual Integrations
APPROVED

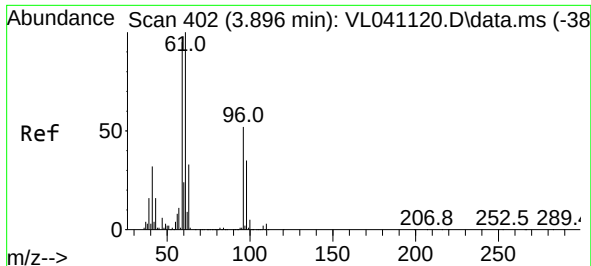
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#16
1,3-Butadiene
Concen: 1.028 ppbv
RT: 2.993 min Scan# 121
Delta R.T. -0.000 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

Tgt Ion: 39 Resp: 79376
Ion Ratio Lower Upper
39 100
54 86.2 63.5 95.3





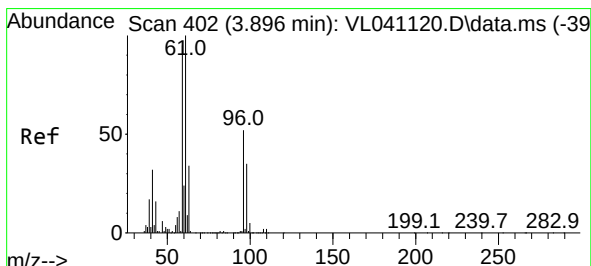
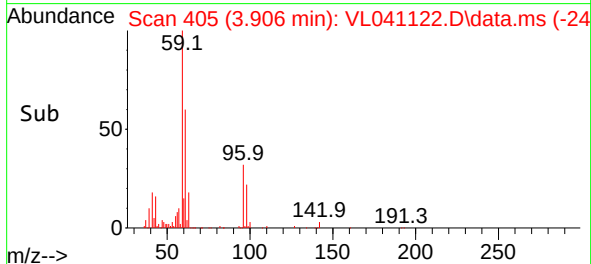
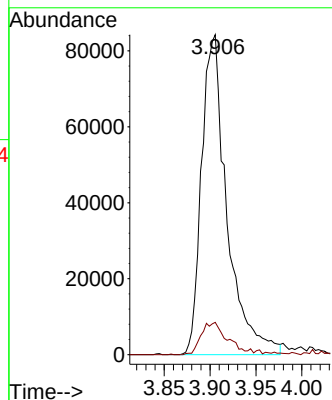
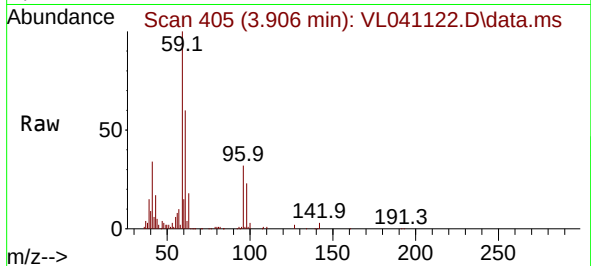
#17
tert-Butyl alcohol
Concen: 1.139 ppbv
RT: 3.906 min Scan# 405
Delta R.T. 0.010 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 16255
Ion Ratio Lower Upper
59 100
57 11.2 8.7 13.1

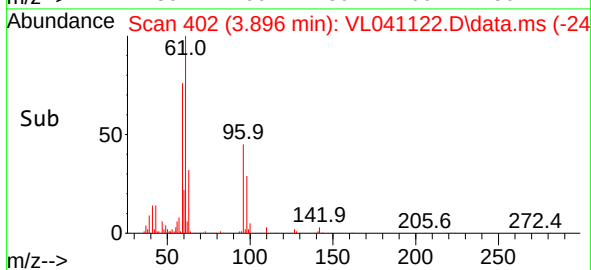
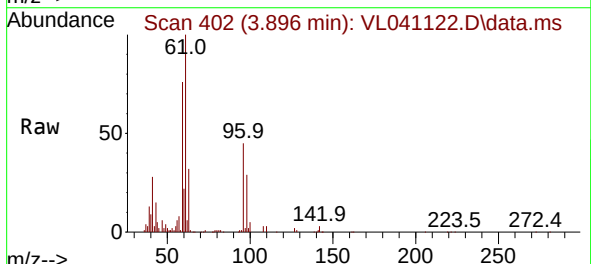
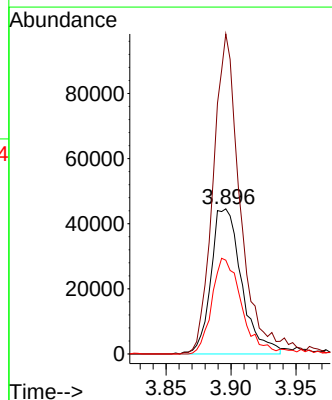
Manual Integrations
APPROVED

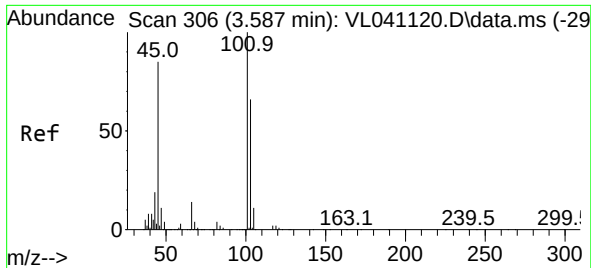
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#18
1,1-Dichloroethene
Concen: 1.050 ppbv
RT: 3.896 min Scan# 402
Delta R.T. -0.000 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

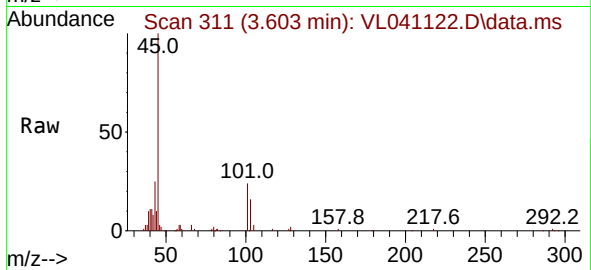
Tgt Ion: 96 Resp: 73067
Ion Ratio Lower Upper
96 100
61 220.4 152.6 228.8
98 64.6 54.0 81.0





#19
Isopropyl Alcohol
Concen: 1.168 ppbv
RT: 3.603 min Scan# 311
Delta R.T. 0.016 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

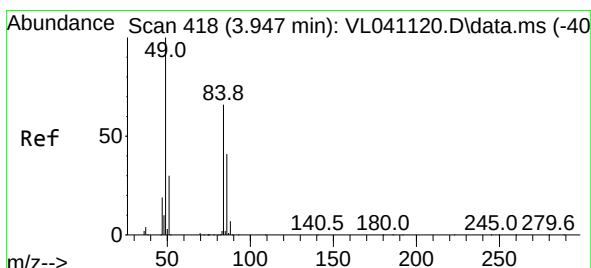
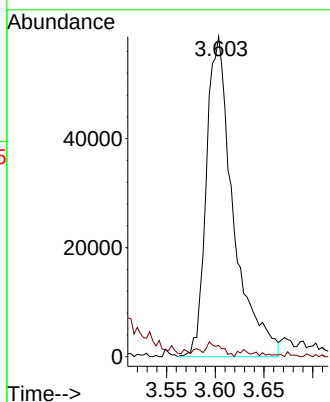
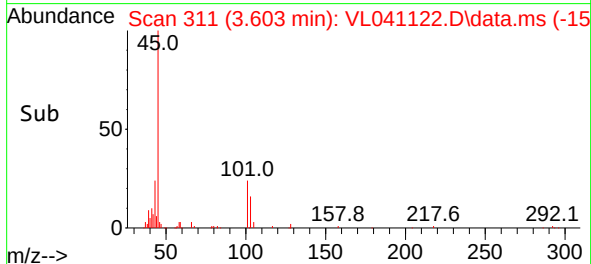
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 45 Resp: 112810
Ion Ratio Lower Upper
45 100
58 4.0 2.8 4.2

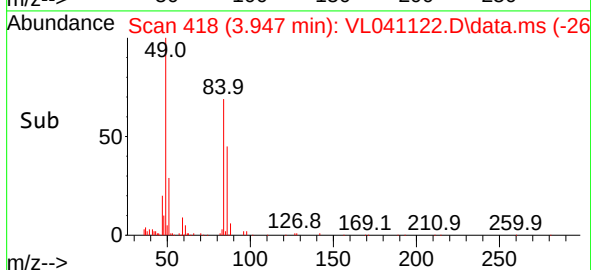
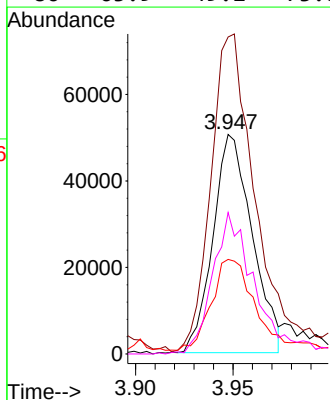
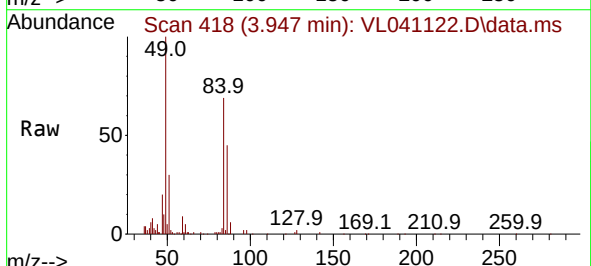
Manual Integrations
APPROVED

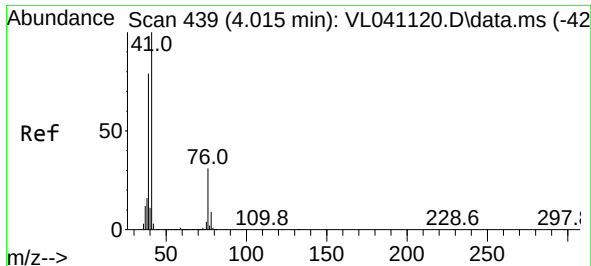
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#20
Methylene Chloride
Concen: 1.092 ppbv
RT: 3.947 min Scan# 418
Delta R.T. -0.000 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

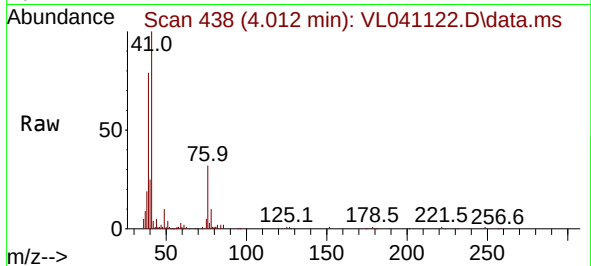
Tgt Ion: 84 Resp: 70799
Ion Ratio Lower Upper
84 100
49 143.5 120.7 181.1
51 41.6 36.6 54.8
86 63.9 49.2 73.8





#21
 Allyl Chloride
 Concen: 1.008 ppbv
 RT: 4.012 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041122.D
 Acq: 4 Apr 2024 10:45

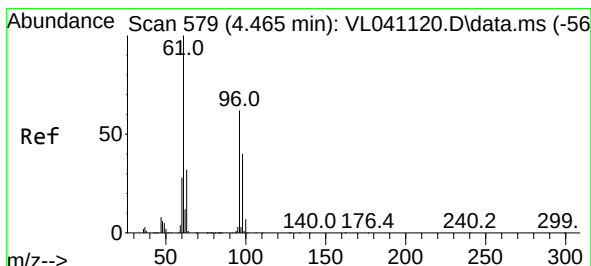
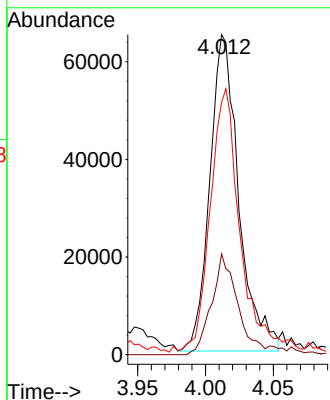
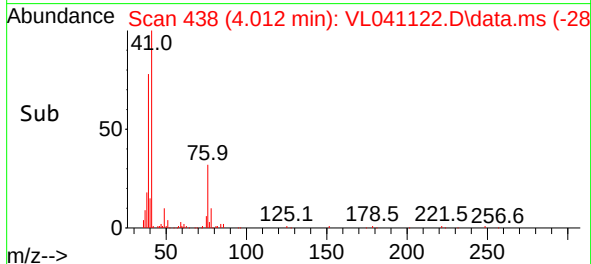
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001



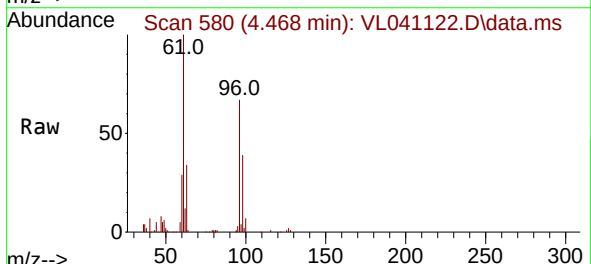
Tgt Ion: 41 Resp: 96530
 Ion Ratio Lower Upper
 41 100
 76 31.0 25.7 38.5
 39 87.6 65.7 98.5

Manual Integrations
 APPROVED

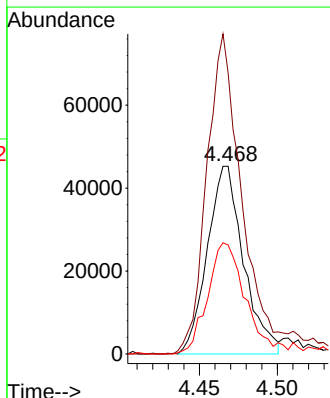
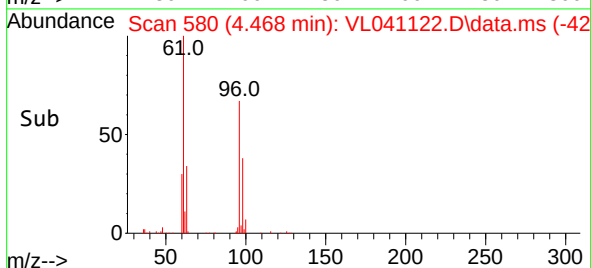
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

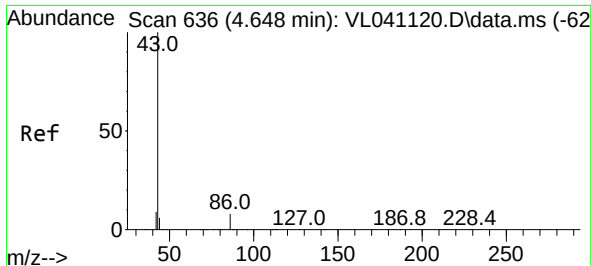


#22
 trans-1,2-Dichloroethene
 Concen: 1.008 ppbv
 RT: 4.468 min Scan# 580
 Delta R.T. 0.003 min
 Lab File: VL041122.D
 Acq: 4 Apr 2024 10:45



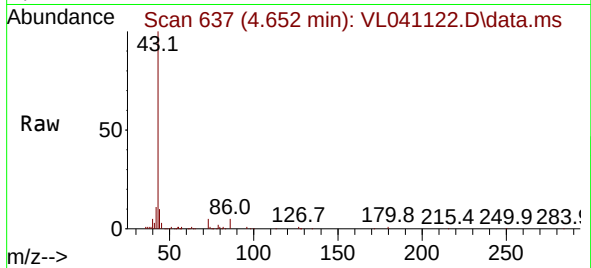
Tgt Ion: 96 Resp: 73157
 Ion Ratio Lower Upper
 96 100
 61 148.1 128.4 192.6
 98 57.4 51.5 77.3





#23
 Vinyl Acetate
 Concen: 0.994 ppbv
 RT: 4.652 min Scan# 615
 Delta R.T. 0.003 min
 Lab File: VL041122.D
 Acq: 4 Apr 2024 10:45

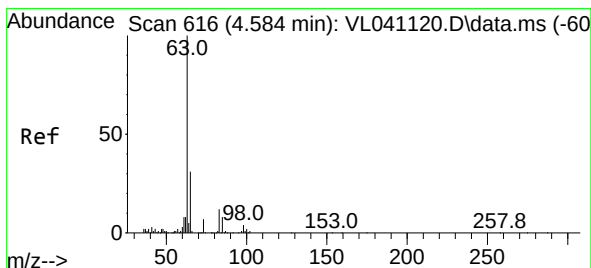
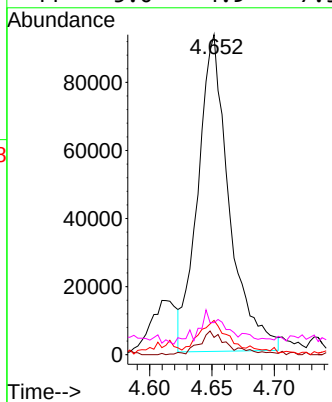
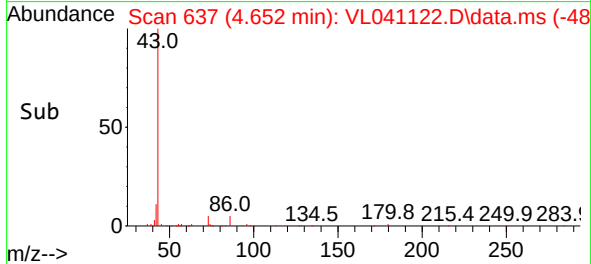
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 43 Resp: 162125
 Ion Ratio Lower Upper
 43 100
 86 5.3 6.2 9.4
 42 10.7 7.7 11.5
 44 5.0 4.9 7.3

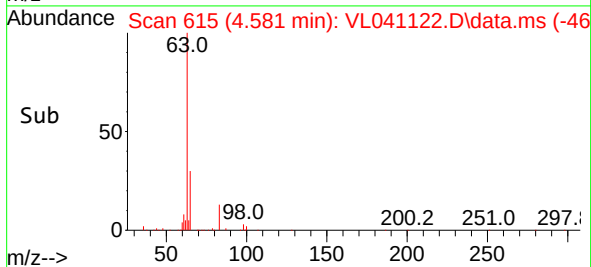
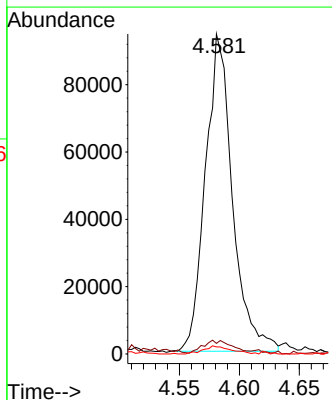
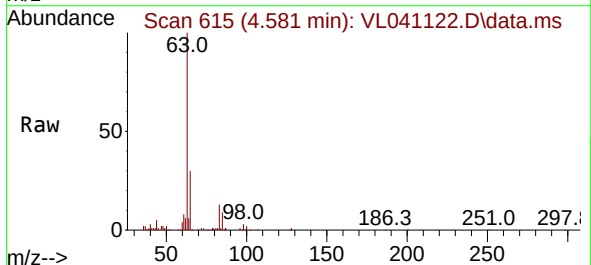
Manual Integrations
 APPROVED

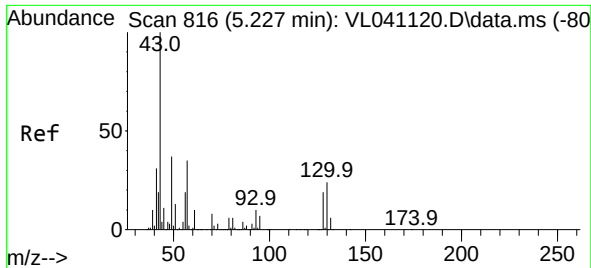
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024



#24
 1,1-Dichloroethane
 Concen: 1.011 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. -0.003 min
 Lab File: VL041122.D
 Acq: 4 Apr 2024 10:45

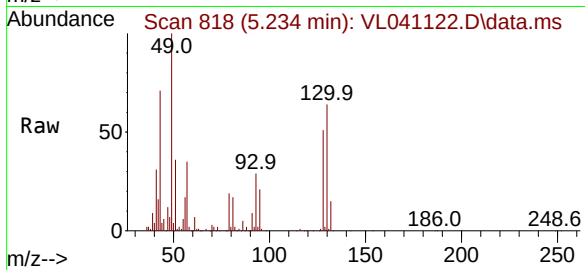
Tgt Ion: 63 Resp: 147739
 Ion Ratio Lower Upper
 63 100
 98 2.4 2.1 6.3
 100 2.2 1.1 3.3





#25
Ethyl Acetate
Concen: 1.023 ppbv
RT: 5.234 min Scan# 816
Delta R.T. 0.006 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

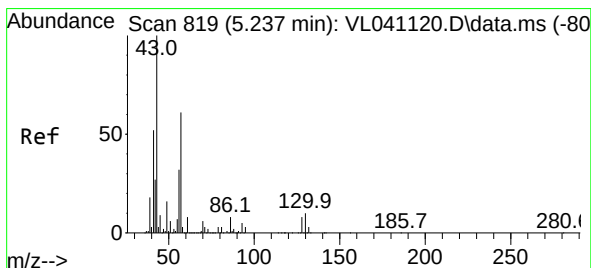
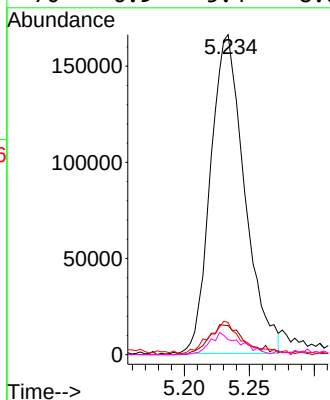
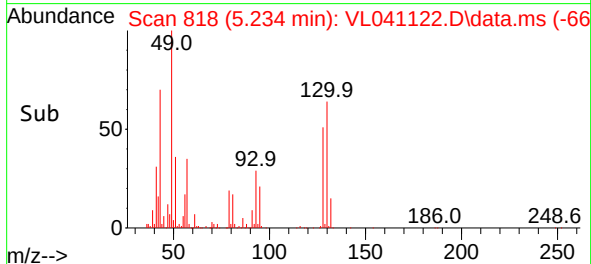
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



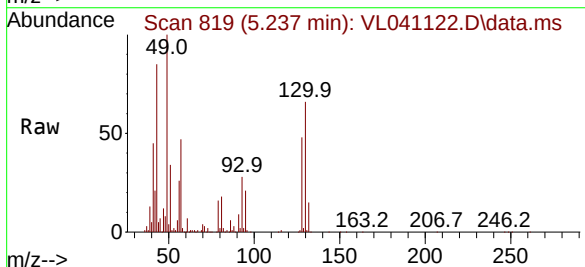
Tgt Ion: 43 Resp: 30217
Ion Ratio Lower Upper
43 100
45 11.1 8.0 12.0
61 10.5 7.8 11.6
70 6.9 5.4 8.0

Manual Integrations
APPROVED

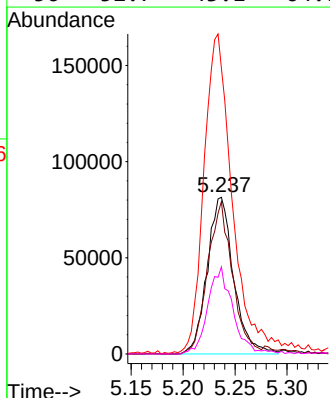
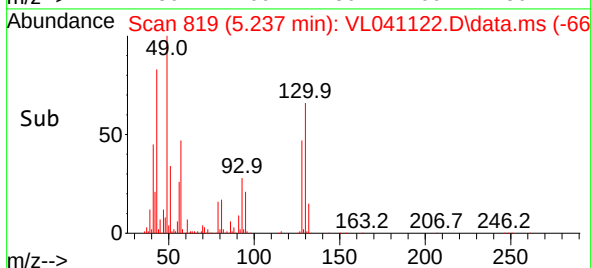
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

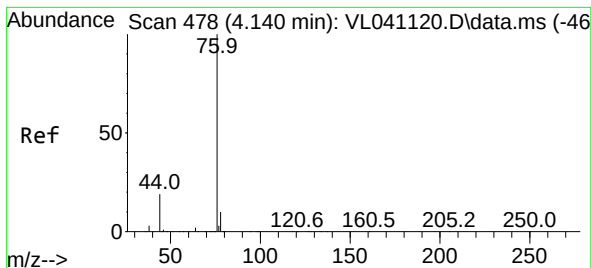


#26
Hexane
Concen: 1.087 ppbv
RT: 5.237 min Scan# 819
Delta R.T. -0.000 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45



Tgt Ion: 57 Resp: 143979
Ion Ratio Lower Upper
57 100
41 95.7 73.8 110.8
43 225.8 186.2 279.2
56 52.7 43.1 64.7





#27

Carbon Disulfide

Concen: 0.982 ppbv

RT: 4.144 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041122.D

Acq: 4 Apr 2024 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 76 Resp: 157992

Ion Ratio Lower Upper

76 100

44 21.0 16.3 24.5

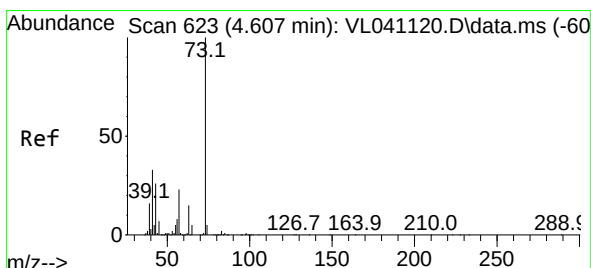
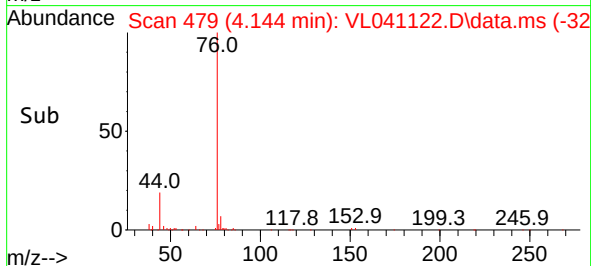
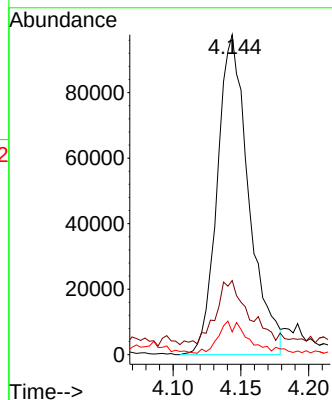
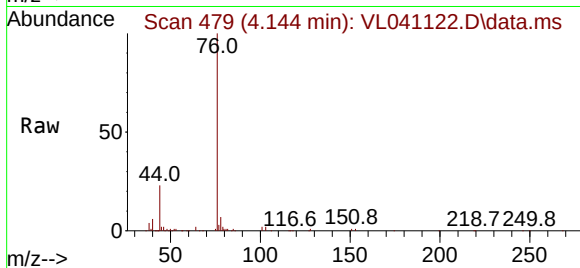
78 11.7 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#28

Methyl tert-Butyl Ether

Concen: 1.014 ppbv

RT: 4.616 min Scan# 626

Delta R.T. 0.010 min

Lab File: VL041122.D

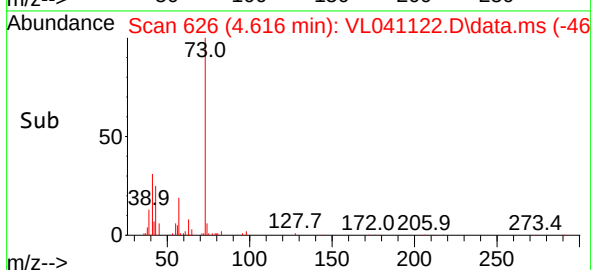
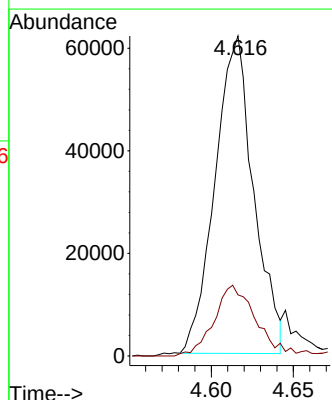
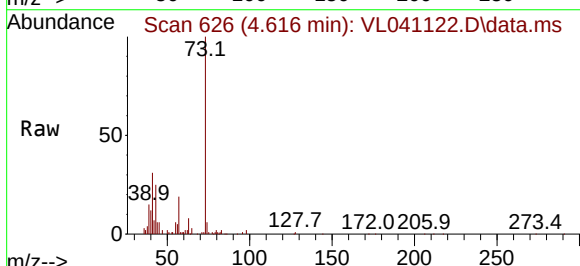
Acq: 4 Apr 2024 10:45

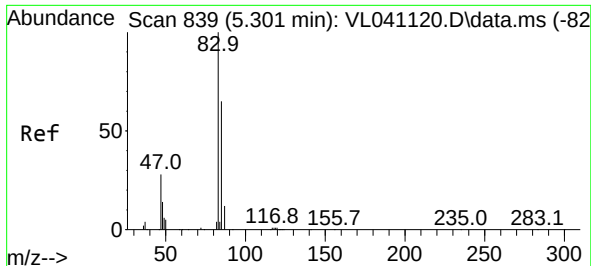
Tgt Ion: 73 Resp: 101404

Ion Ratio Lower Upper

73 100

57 24.7 18.6 27.8





#29

Chloroform

Concen: 1.068 ppbv

RT: 5.295 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL041122.D

Acq: 4 Apr 2024 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 83 Resp: 23848

Ion Ratio Lower Upper

83 100

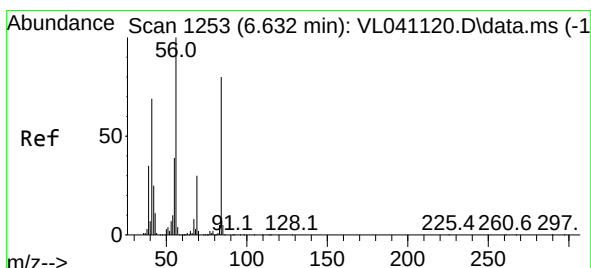
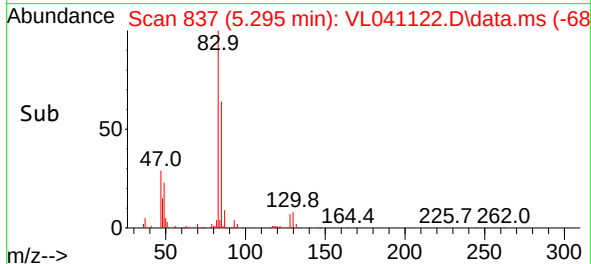
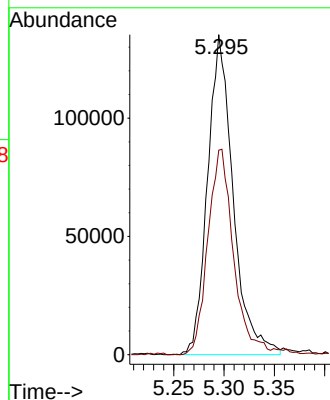
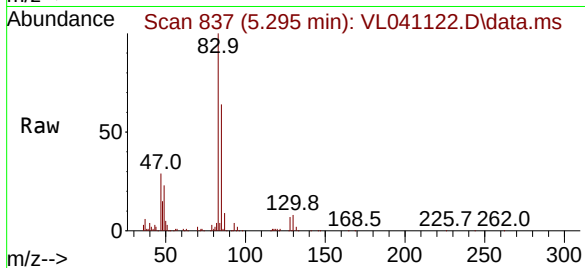
85 63.9 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#30

Cyclohexane

Concen: 0.960 ppbv

RT: 6.629 min Scan# 1252

Delta R.T. -0.003 min

Lab File: VL041122.D

Acq: 4 Apr 2024 10:45

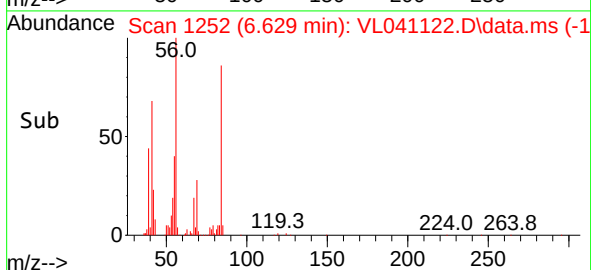
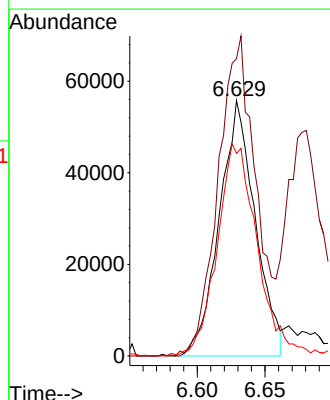
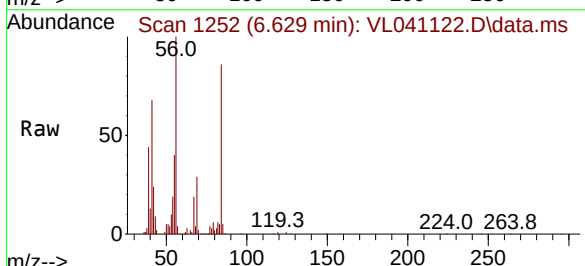
Tgt Ion: 84 Resp: 102346

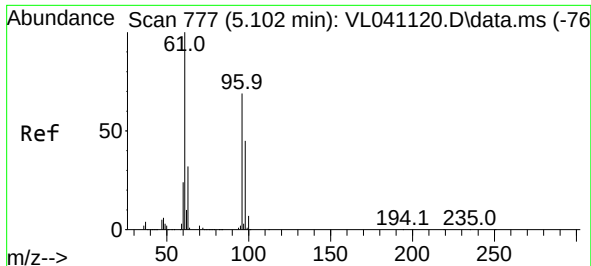
Ion Ratio Lower Upper

84 100

56 132.3 111.9 167.9

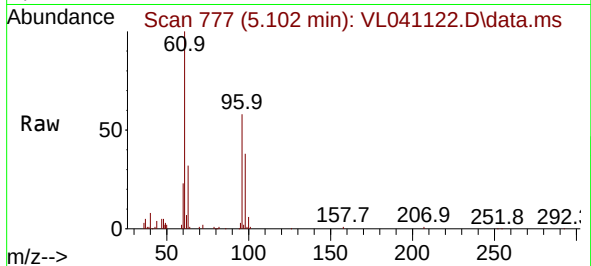
41 93.9 71.0 106.6





#31
cis-1,2-Dichloroethene
Concen: 1.010 ppbv
RT: 5.102 min Scan# 71
Delta R.T. -0.000 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

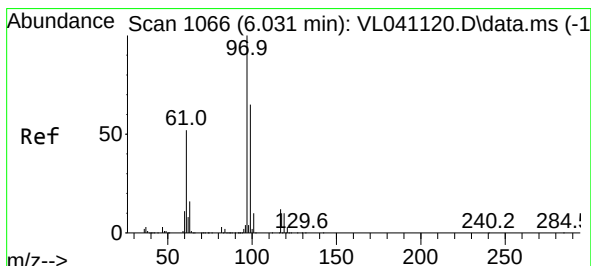
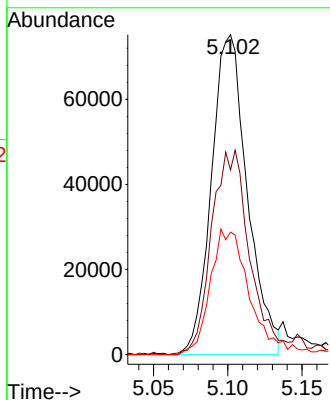
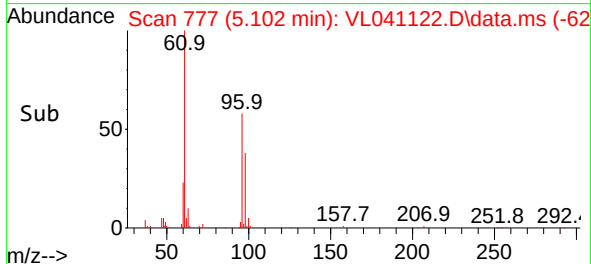
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



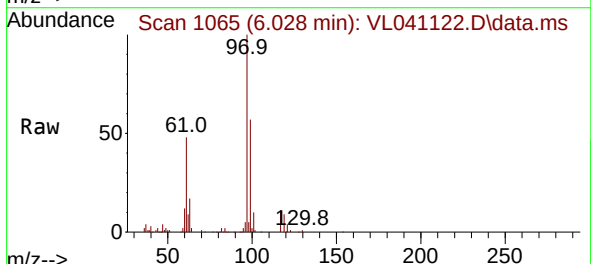
Tgt Ion: 61 Resp: 12663
Ion Ratio Lower Upper
61 100
96 57.2 54.9 82.3
98 38.3 35.9 53.9

Manual Integrations
APPROVED

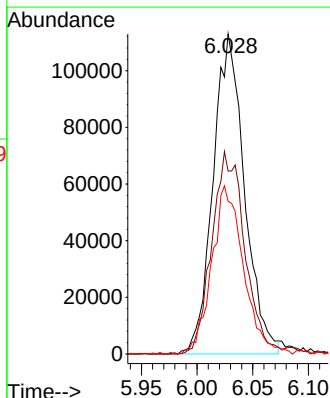
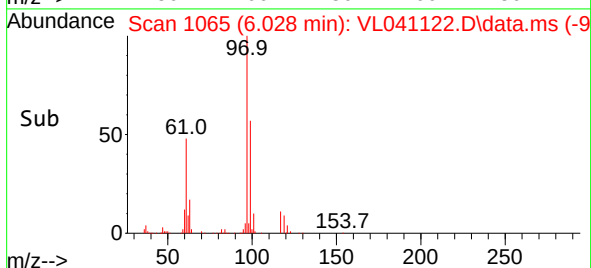
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

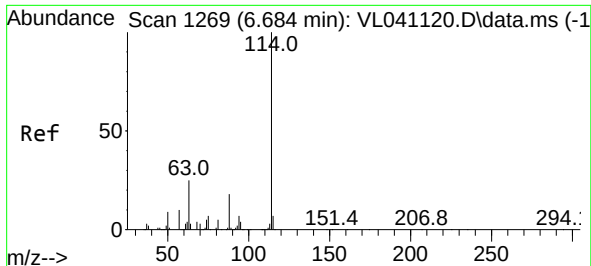


#32
1,1,1-Trichloroethane
Concen: 1.074 ppbv
RT: 6.028 min Scan# 1065
Delta R.T. -0.003 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45



Tgt Ion: 97 Resp: 221675
Ion Ratio Lower Upper
97 100
99 67.4 52.0 78.0
61 53.5 40.5 60.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.680 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL041122.D

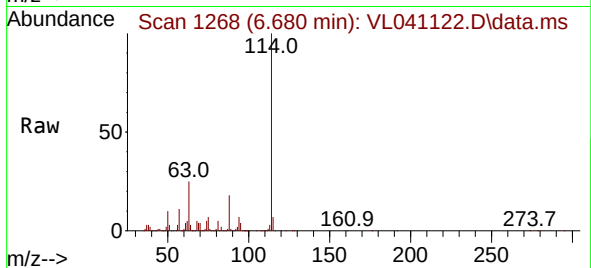
Acq: 4 Apr 2024 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001



Tgt Ion:114 Resp: 3779418

Ion Ratio Lower Upper

114 100

63 25.4 20.9 31.3

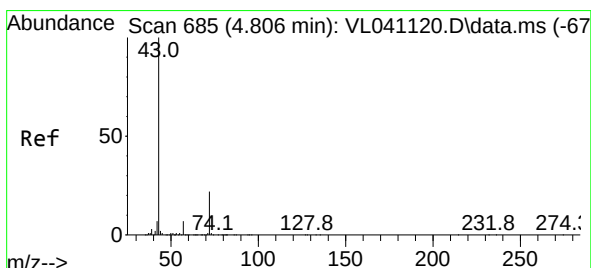
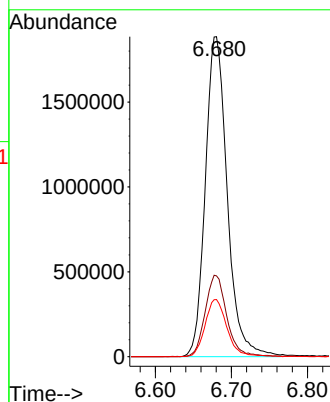
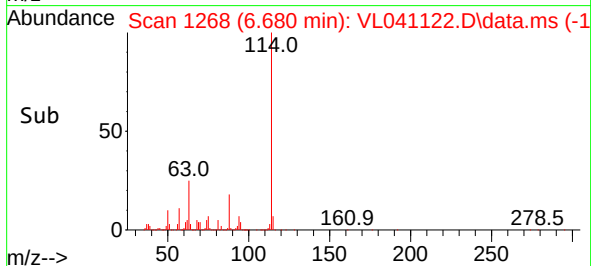
88 18.0 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#34

2-Butanone

Concen: 1.012 ppbv

RT: 4.812 min Scan# 687

Delta R.T. 0.006 min

Lab File: VL041122.D

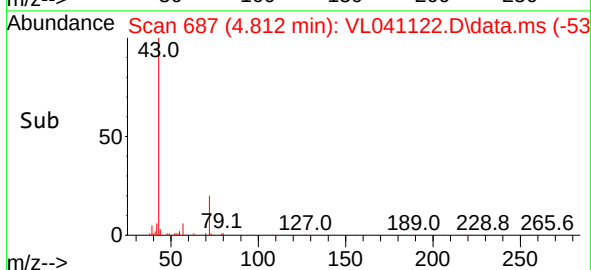
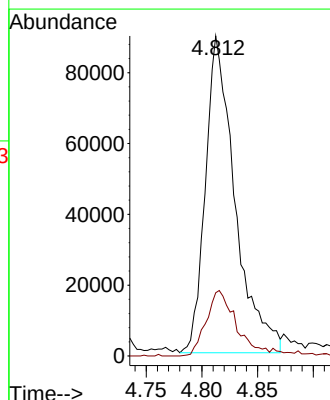
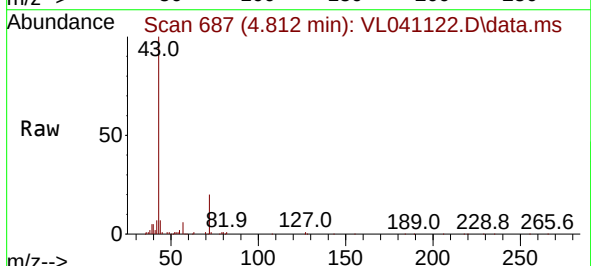
Acq: 4 Apr 2024 10:45

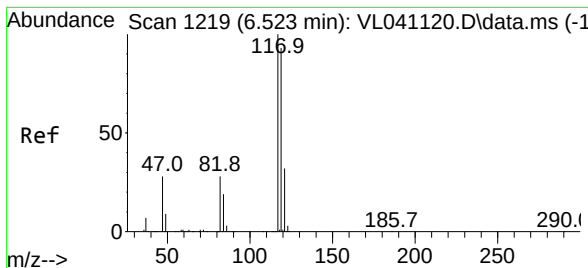
Tgt Ion: 43 Resp: 165277

Ion Ratio Lower Upper

43 100

72 22.6 17.6 26.4





#35

Carbon Tetrachloride

Concen: 1.072 ppbv

RT: 6.523 min Scan# 117

Delta R.T. -0.000 min

Lab File: VL041122.D

Acq: 4 Apr 2024 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 117 Resp: 23116

Ion Ratio Lower Upper

117 100

119 94.2 74.2 111.4

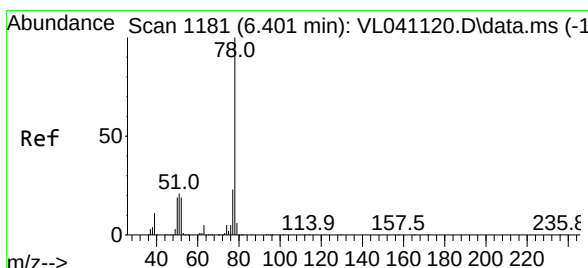
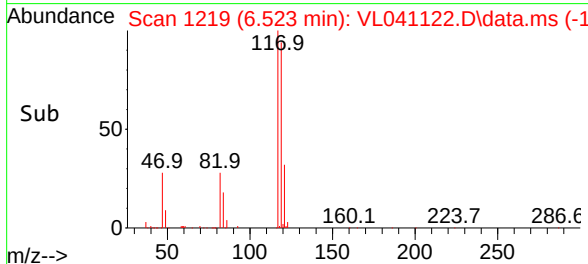
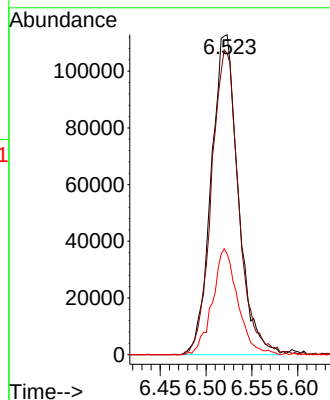
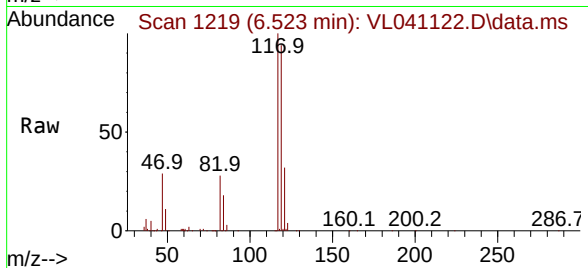
121 31.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#36

Benzene

Concen: 1.026 ppbv

RT: 6.398 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VL041122.D

Acq: 4 Apr 2024 10:45

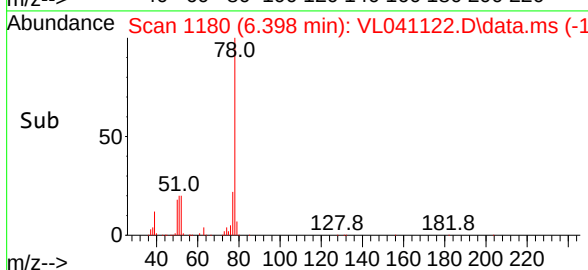
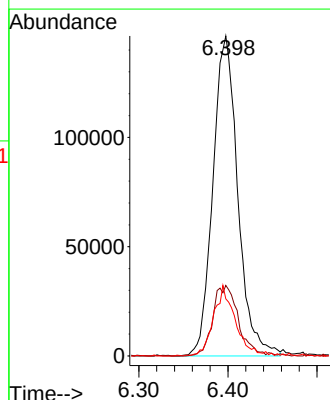
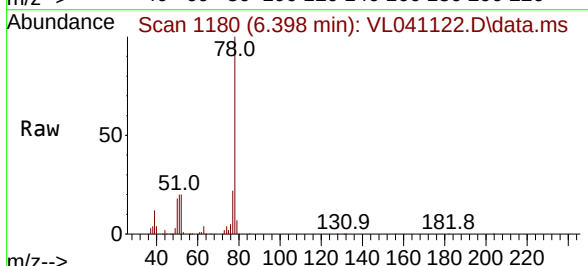
Tgt Ion: 78 Resp: 284445

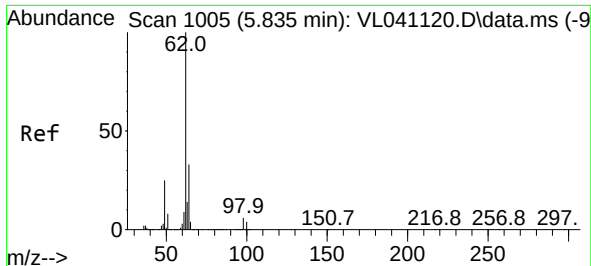
Ion Ratio Lower Upper

78 100

77 22.0 18.2 27.4

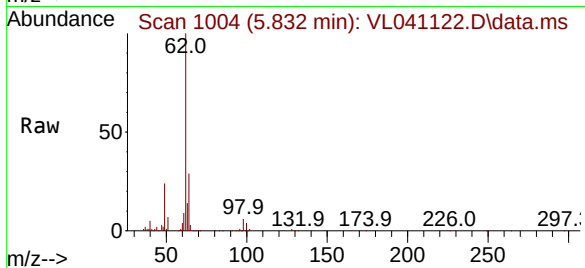
50 17.7 15.4 23.2





#37
1,2-Dichloroethane
Concen: 1.008 ppbv
RT: 5.832 min Scan# 1004
Delta R.T. -0.003 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

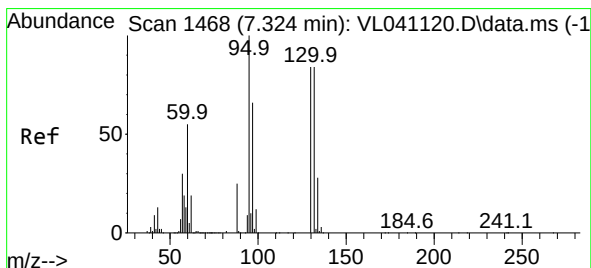
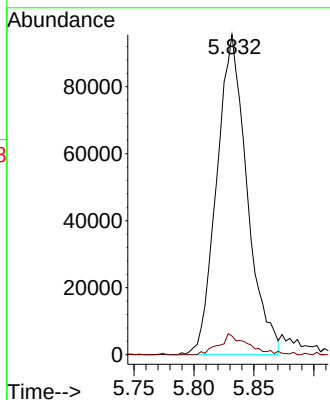
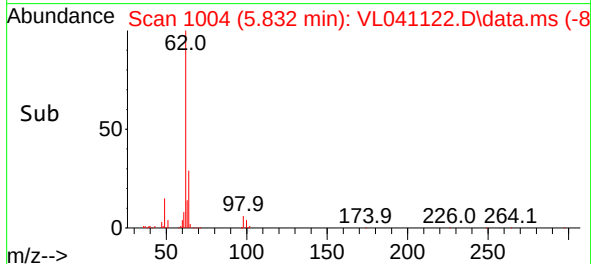
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 62 Resp: 168020
Ion Ratio Lower Upper
62 100
98 6.4 4.6 7.0

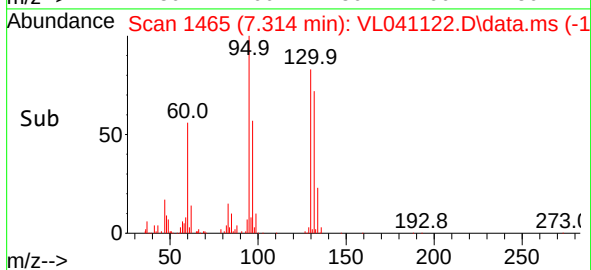
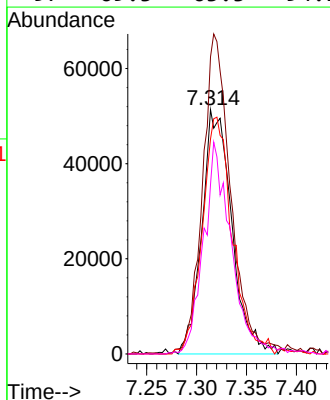
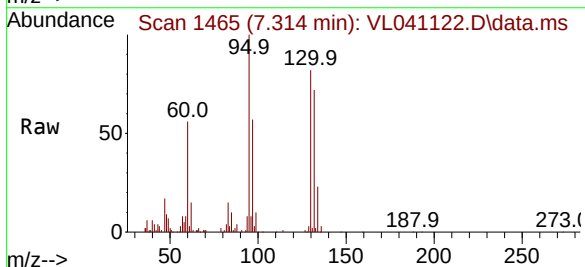
Manual Integrations
APPROVED

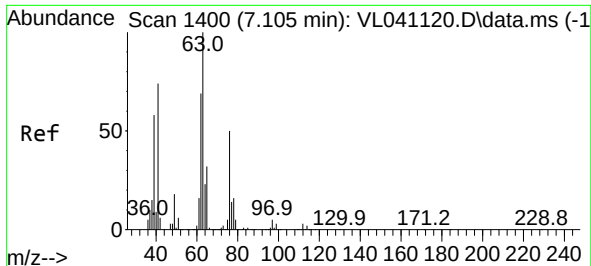
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#38
Trichloroethene
Concen: 1.060 ppbv m
RT: 7.314 min Scan# 1465
Delta R.T. -0.010 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

Tgt Ion:130 Resp: 106673
Ion Ratio Lower Upper
130 100
95 121.6 95.4 143.0
132 88.0 80.0 120.0
97 69.3 63.3 94.9





#39

1,2-Dichloropropane

Concen: 1.012 ppbv m

RT: 7.095 min Scan# 111334

Delta R.T. -0.010 min

Lab File: VL041122.D

Acq: 4 Apr 2024 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

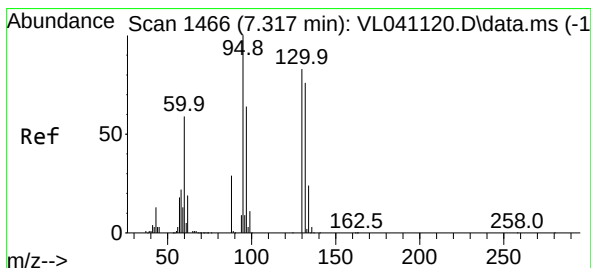
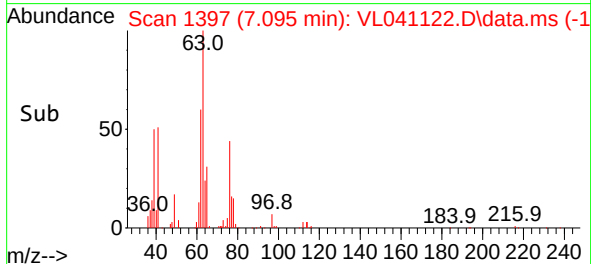
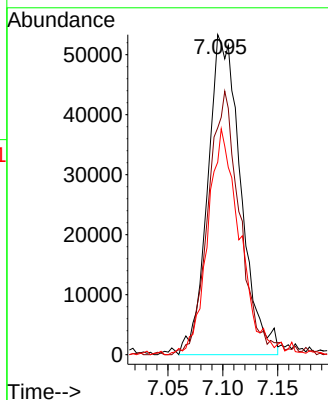
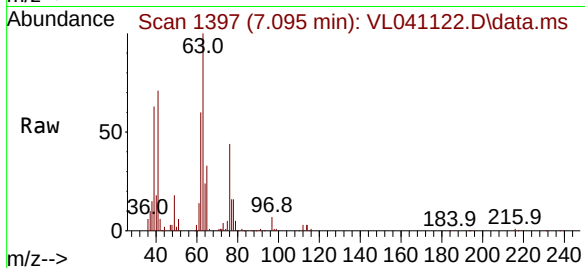
Tgt Ion: 63 Resp: 111334

Ion	Ratio	Lower	Upper
63	100		
41	70.9	58.7	88.1
62	60.1	55.5	83.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#40

1,4-Dioxane

Concen: 1.154 ppbv m

RT: 7.333 min Scan# 1471

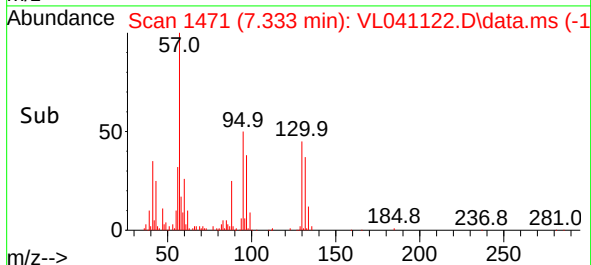
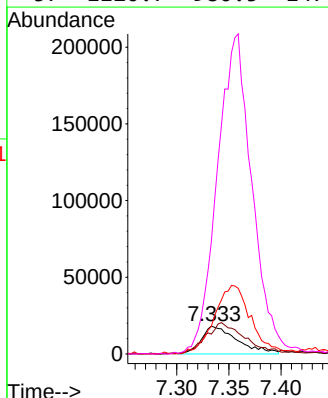
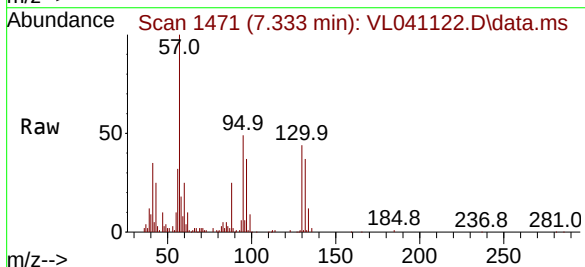
Delta R.T. 0.016 min

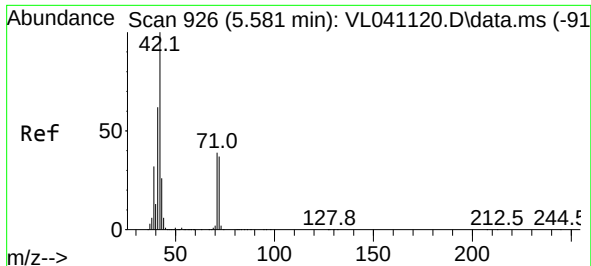
Lab File: VL041122.D

Acq: 4 Apr 2024 10:45

Tgt Ion: 88 Resp: 43538

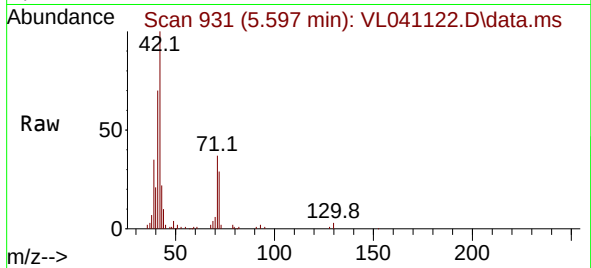
Ion	Ratio	Lower	Upper
88	100		
58	128.7	107.8	161.6
43	249.3	223.8	335.6
57	1120.7	980.5	1470.7





#41
Tetrahydrofuran
Concen: 1.042 ppbv m
RT: 5.597 min Scan# 91
Delta R.T. 0.016 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

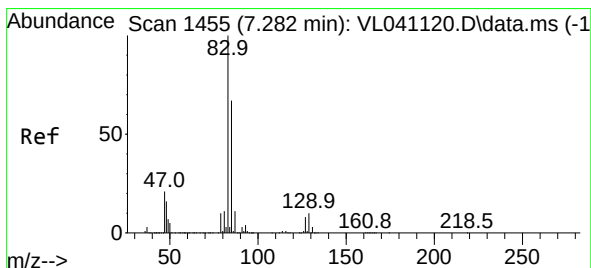
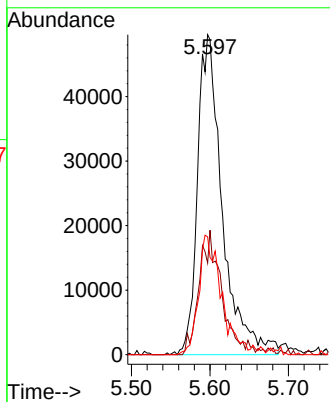
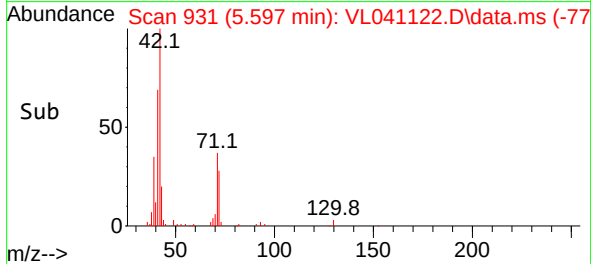
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 42 Resp: 108775
Ion Ratio Lower Upper
42 100
72 36.6 31.2 46.8
71 34.5 29.9 44.9

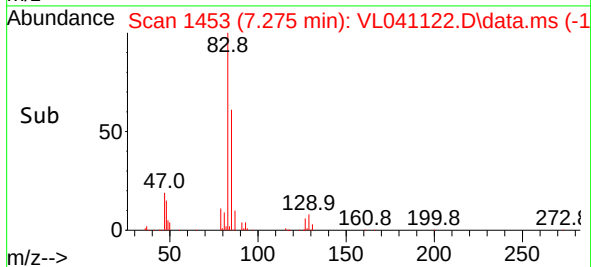
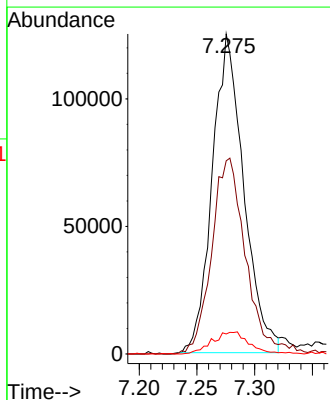
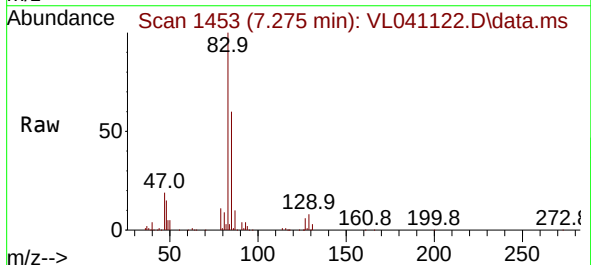
Manual Integrations
APPROVED

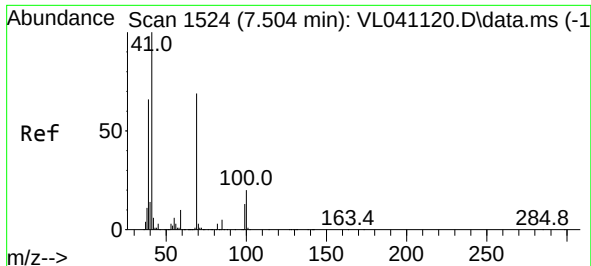
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#42
Bromodichloromethane
Concen: 0.994 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

Tgt Ion: 83 Resp: 236675
Ion Ratio Lower Upper
83 100
85 60.4 53.5 80.3
127 6.3 6.2 9.4





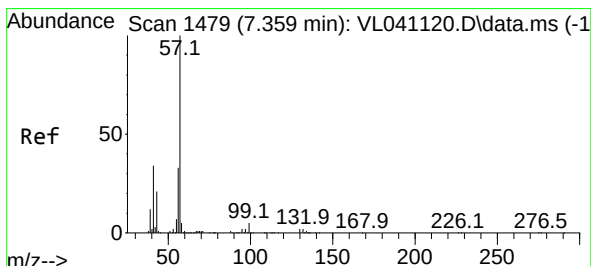
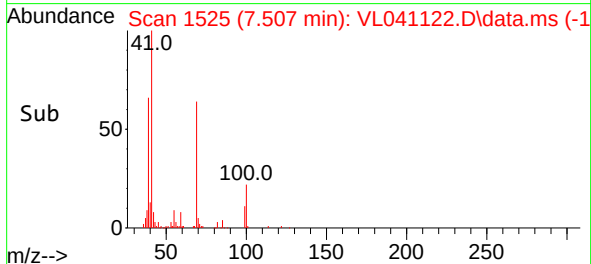
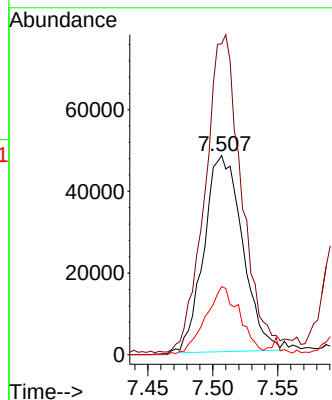
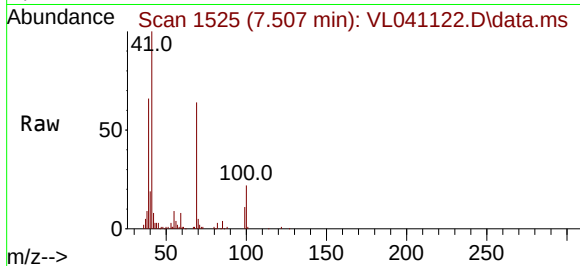
#43
Methyl Methacrylate
Concen: 1.026 ppbv
RT: 7.507 min Scan# 1525
Delta R.T. 0.003 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 69 Resp: 9879
Ion Ratio Lower Upper
69 100
41 159.8 119.2 178.8
100 33.8 24.6 37.0

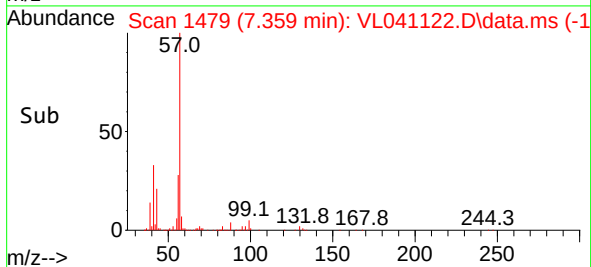
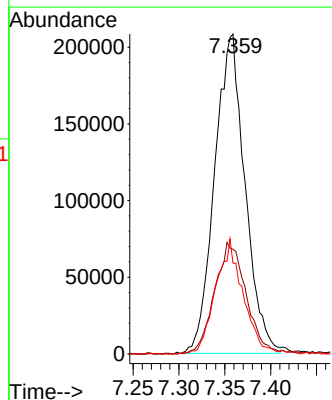
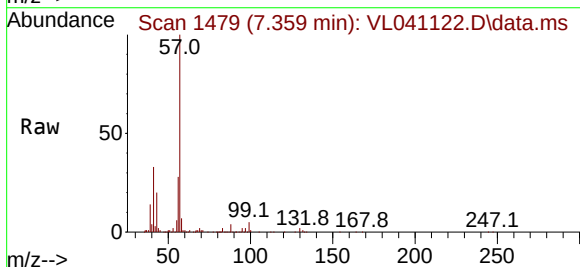
Manual Integrations
APPROVED

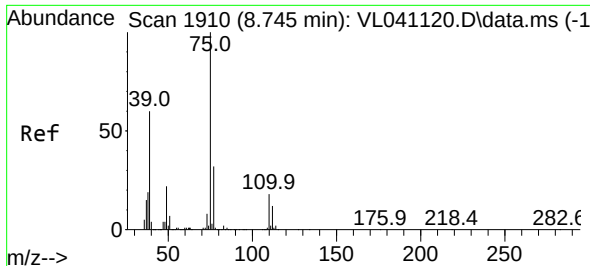
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#44
2,2,4-Trimethylpentane
Concen: 1.043 ppbv
RT: 7.359 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

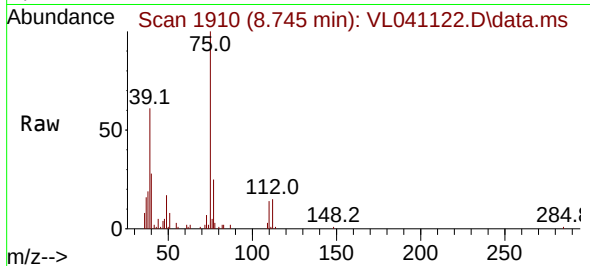
Tgt Ion: 57 Resp: 479124
Ion Ratio Lower Upper
57 100
41 36.6 28.2 42.2
56 32.8 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 0.878 ppbv m
RT: 8.745 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

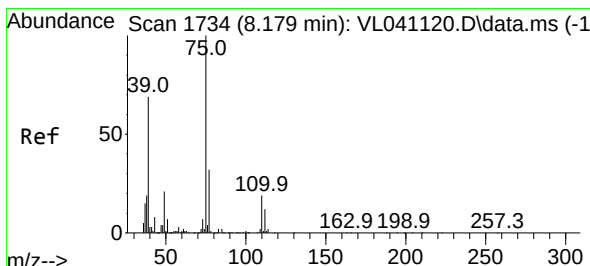
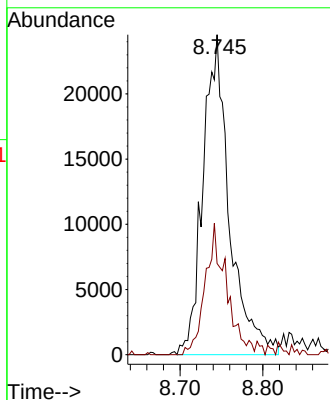
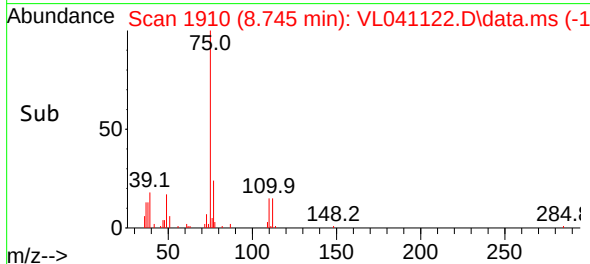
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 75 Resp: 5451
Ion Ratio Lower Upper
75 100
77 25.5 25.4 38.2

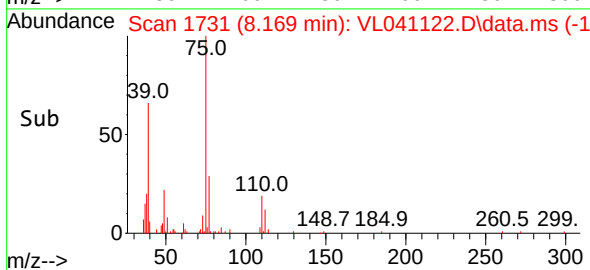
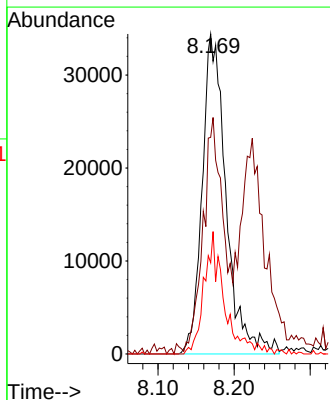
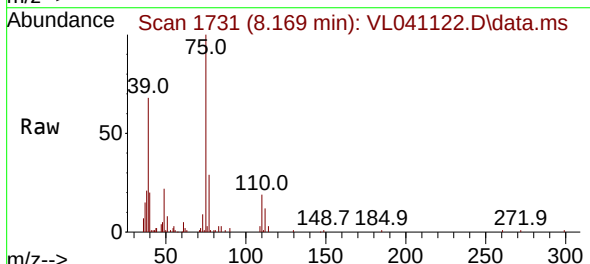
Manual Integrations
APPROVED

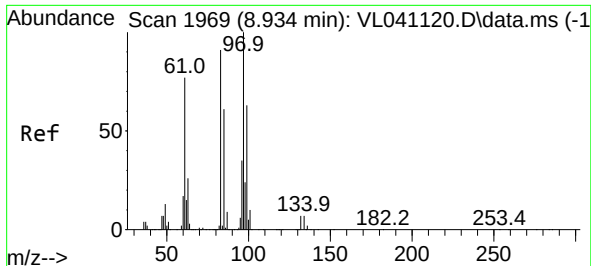
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#46
cis-1,3-Dichloropropene
Concen: 0.953 ppbv m
RT: 8.169 min Scan# 1731
Delta R.T. -0.010 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

Tgt Ion: 75 Resp: 75325
Ion Ratio Lower Upper
75 100
39 67.7 55.1 82.7
77 28.5 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 0.994 ppbv

RT: 8.928 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VL041122.D

Acq: 4 Apr 2024 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 11757

Ion Ratio Lower Upper

97 100

83 78.9 72.9 109.3

85 63.6 49.1 73.7

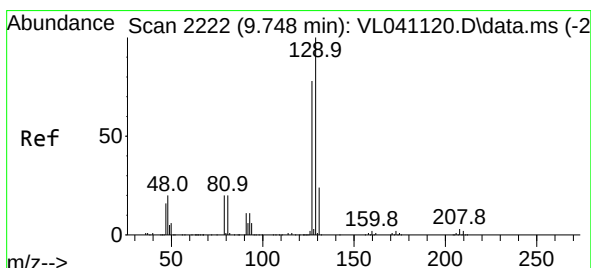
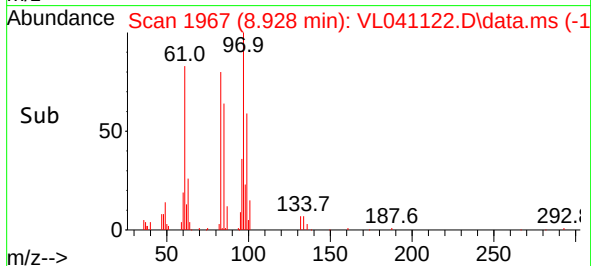
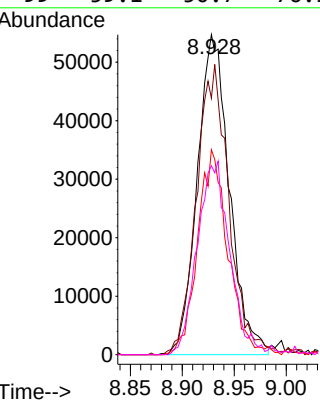
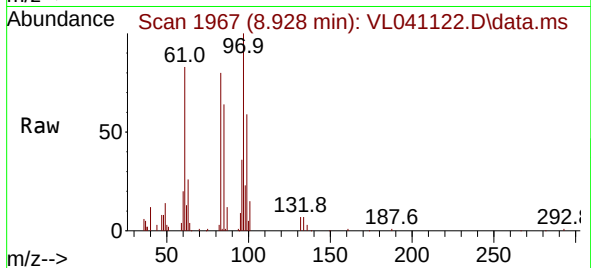
99 59.1 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#48

Dibromochloromethane

Concen: 0.956 ppbv

RT: 9.741 min Scan# 2220

Delta R.T. -0.006 min

Lab File: VL041122.D

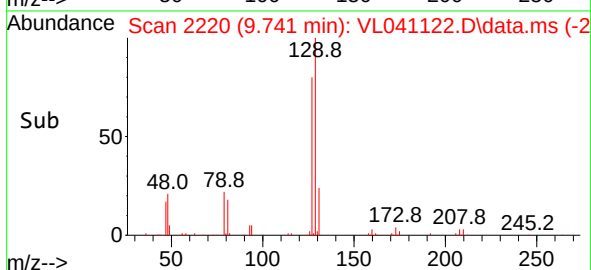
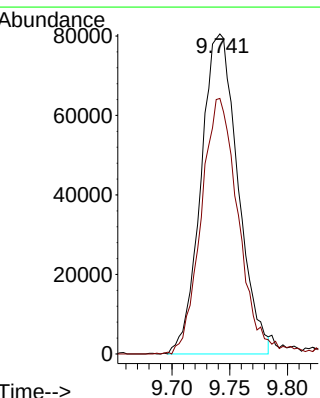
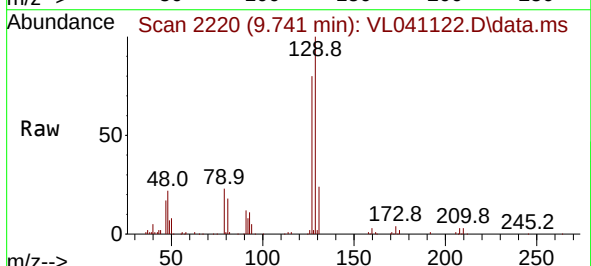
Acq: 4 Apr 2024 10:45

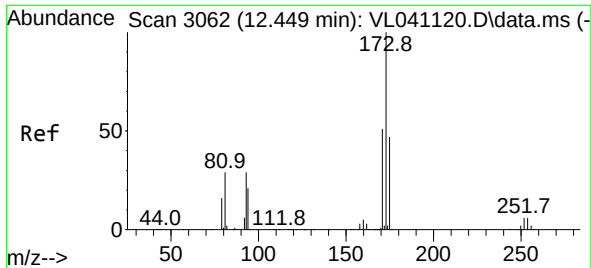
Tgt Ion:129 Resp: 179547

Ion Ratio Lower Upper

129 100

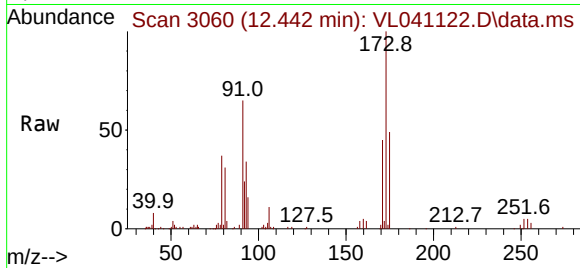
127 80.8 39.3 117.9





#49
Bromoform
Concen: 0.935 ppbv m
RT: 12.442 min Scan# 3060
Delta R.T. -0.006 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

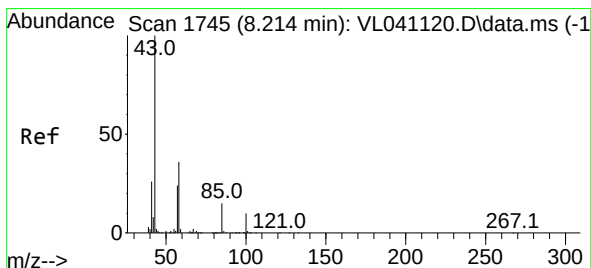
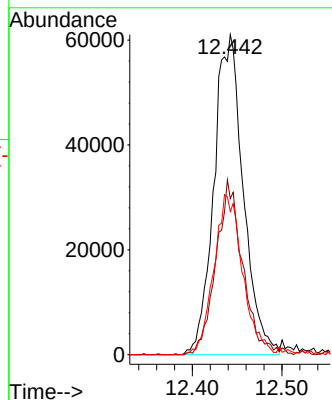
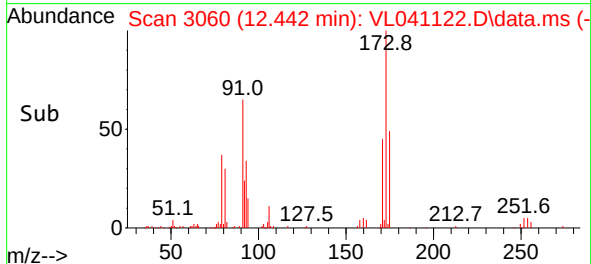
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



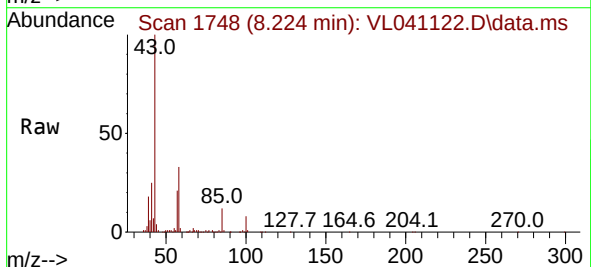
Tgt Ion:173 Resp: 139219
Ion Ratio Lower Upper
173 100
175 50.2 39.4 59.0
171 0.0 42.9 64.3

Manual Integrations
APPROVED

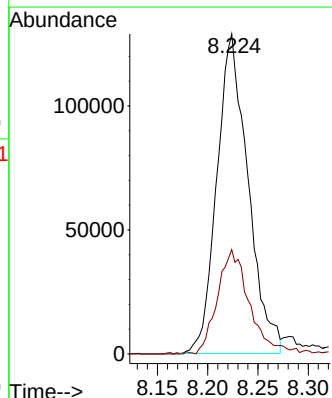
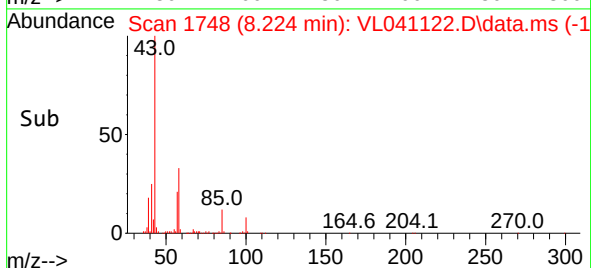
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

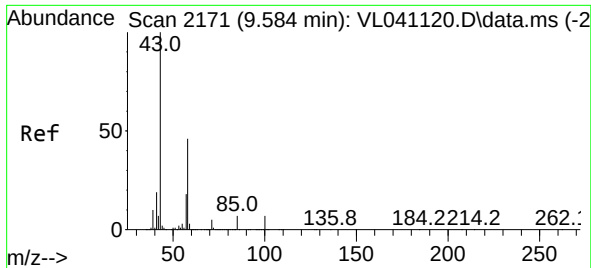


#50
4-Methyl-2-Pentanone
Concen: 0.991 ppbv
RT: 8.224 min Scan# 1748
Delta R.T. 0.010 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45



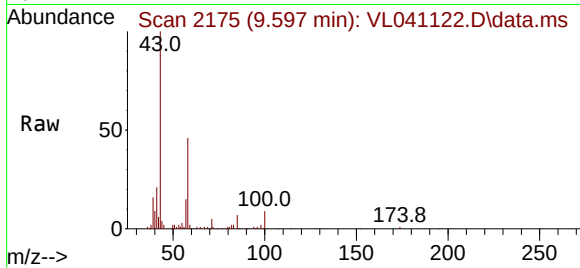
Tgt Ion: 43 Resp: 277564
Ion Ratio Lower Upper
43 100
58 34.5 27.7 41.5





#51
2-Hexanone
Concen: 0.962 ppbv m
RT: 9.597 min Scan# 2171
Delta R.T. 0.013 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

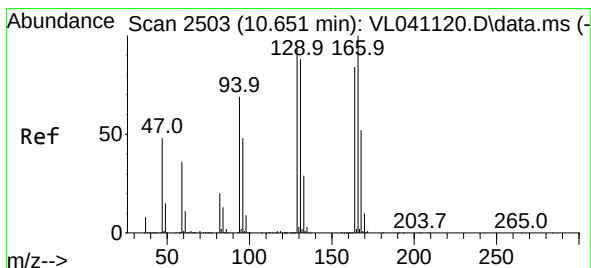
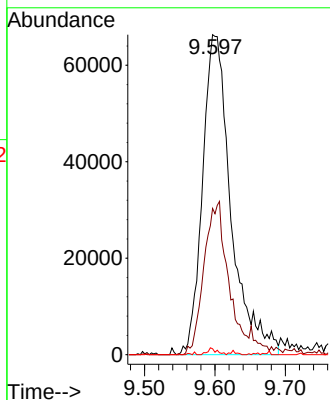
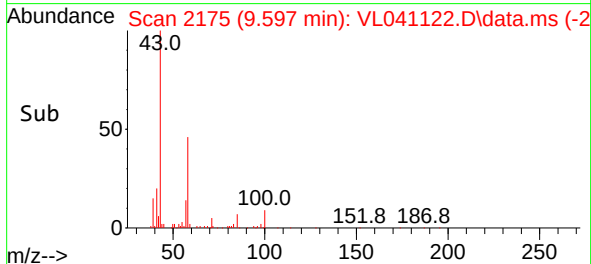
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 18678
Ion Ratio Lower Upper
43 100
58 44.5 37.3 55.9
98 0.9 0.3 0.5

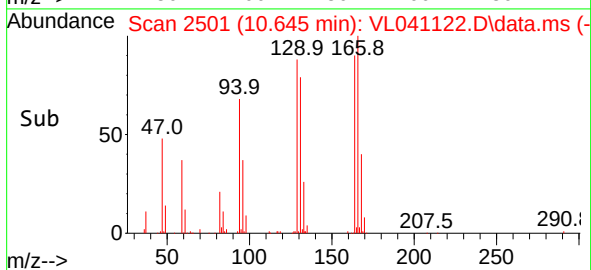
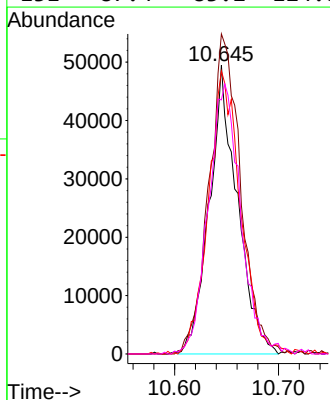
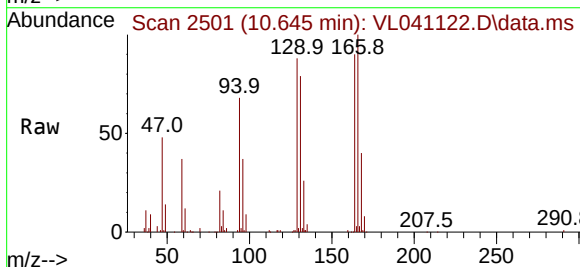
Manual Integrations
APPROVED

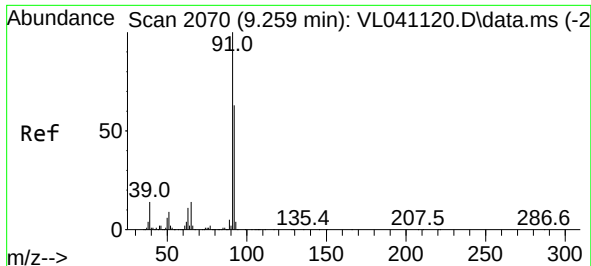
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#52
Tetrachloroethene
Concen: 1.043 ppbv
RT: 10.645 min Scan# 2501
Delta R.T. -0.006 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

Tgt Ion:164 Resp: 92701
Ion Ratio Lower Upper
164 100
166 109.8 95.0 142.6
129 100.1 88.7 133.1
131 87.4 83.2 124.8





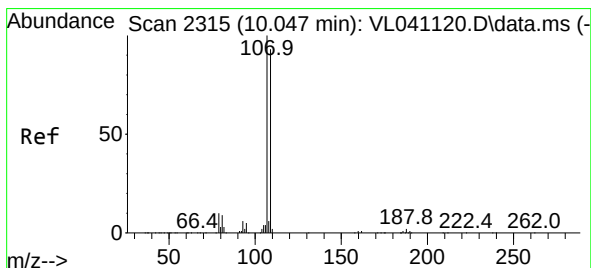
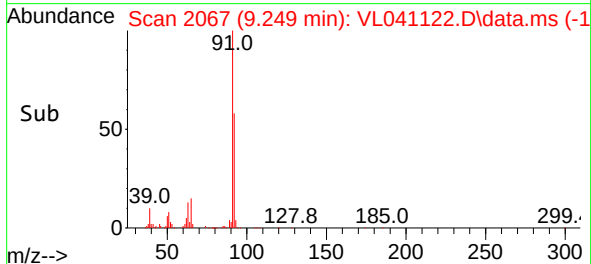
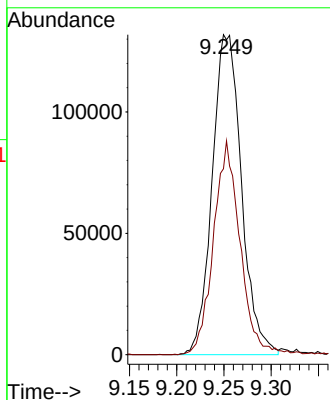
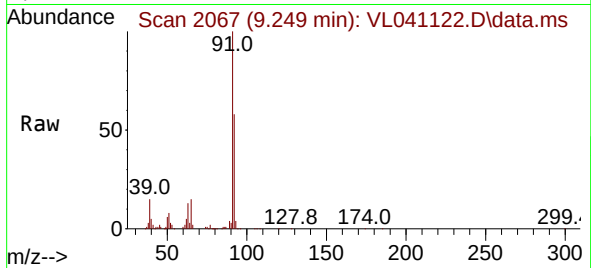
#53
Toluene
Concen: 0.971 ppbv
RT: 9.249 min Scan# 2070
Delta R.T. -0.010 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 28467
Ion Ratio Lower Upper
91 100
92 61.1 49.0 73.4

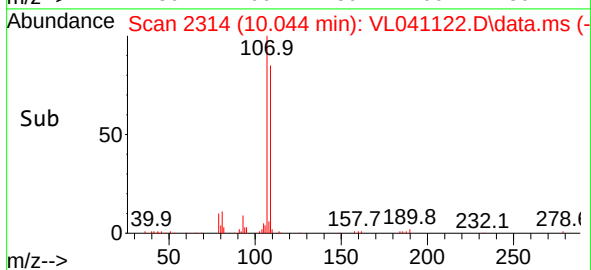
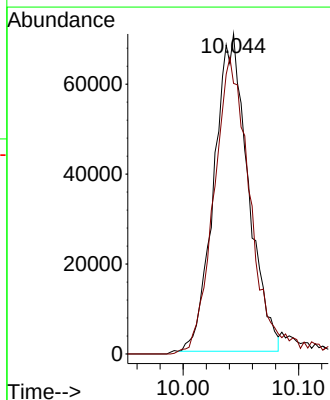
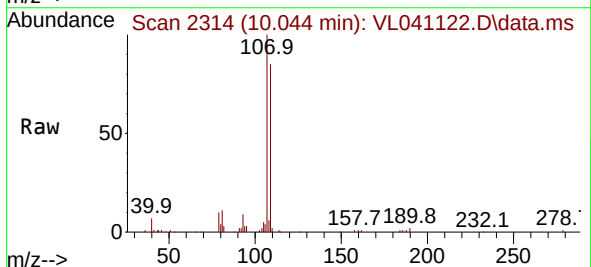
Manual Integrations
APPROVED

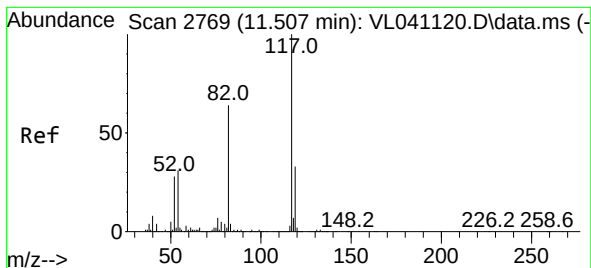
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#54
1,2-Dibromoethane
Concen: 0.985 ppbv
RT: 10.044 min Scan# 2314
Delta R.T. -0.003 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

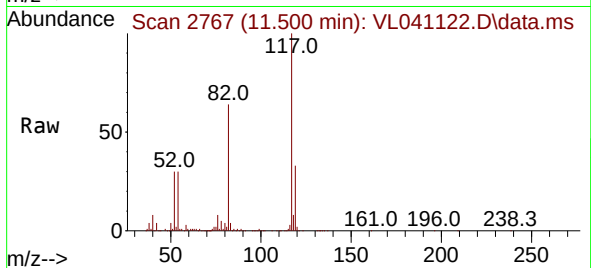
Tgt Ion:107 Resp: 145141
Ion Ratio Lower Upper
107 100
109 84.5 74.3 111.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

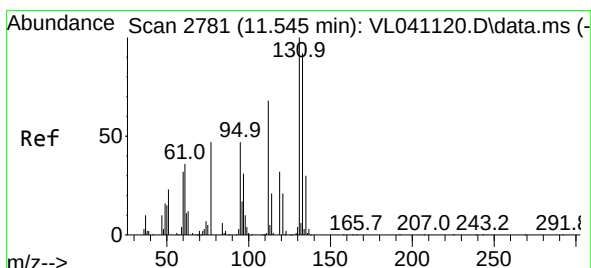
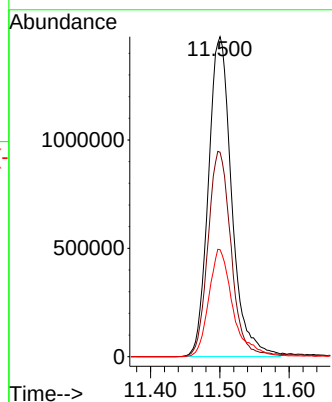
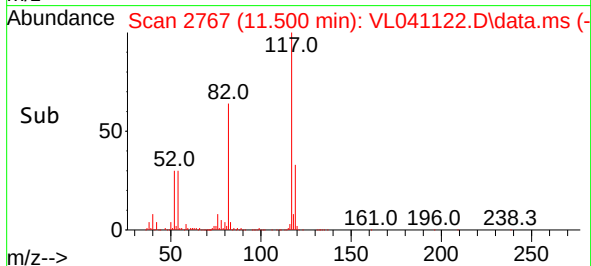
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



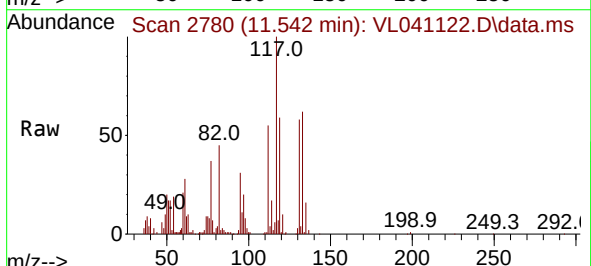
Tgt Ion:117 Resp: 3451770
Ion Ratio Lower Upper
117 100
82 64.9 51.0 76.6
119 34.9 25.2 37.8

Manual Integrations
APPROVED

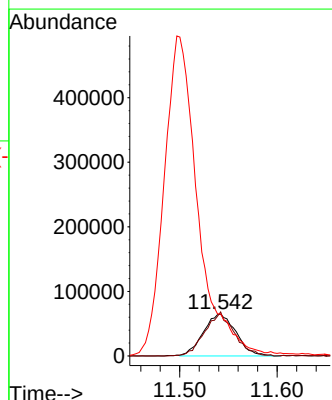
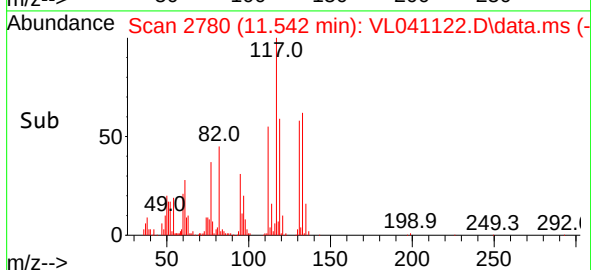
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

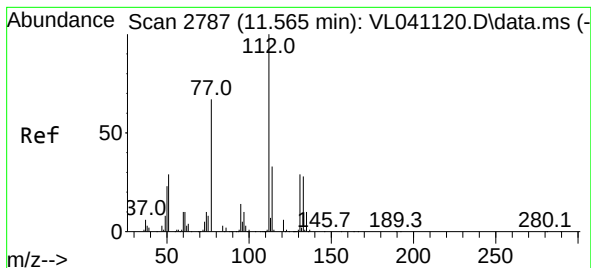


#56
1,1,1,2-Tetrachloroethane
Concen: 1.065 ppbv
RT: 11.542 min Scan# 2780
Delta R.T. -0.003 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45



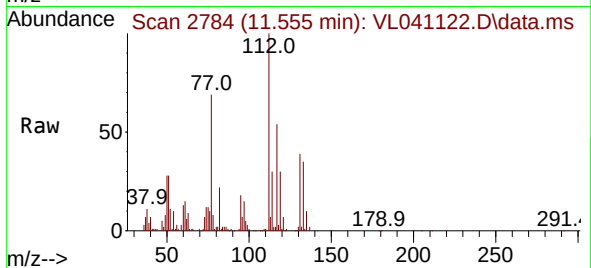
Tgt Ion:131 Resp: 150285
Ion Ratio Lower Upper
131 100
133 94.4 76.6 115.0
119 801.4 49.9 74.9#





#57
Chlorobenzene
Concen: 1.055 ppbv
RT: 11.555 min Scan# 2787
Delta R.T. -0.010 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

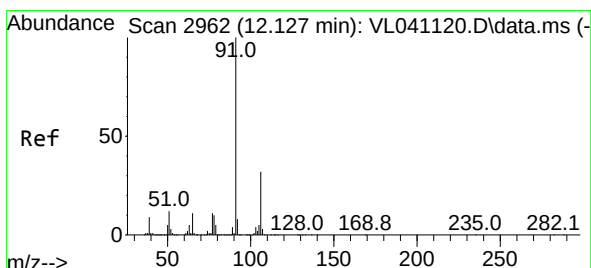
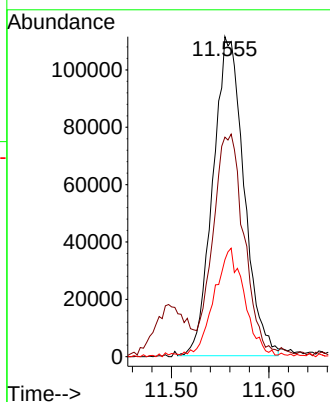
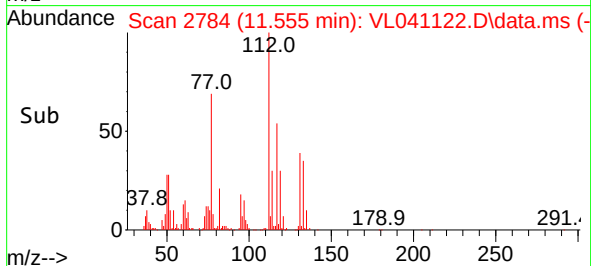
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:112 Resp: 246479
Ion Ratio Lower Upper
112 100
77 67.0 54.0 81.0
114 29.8 29.3 35.9

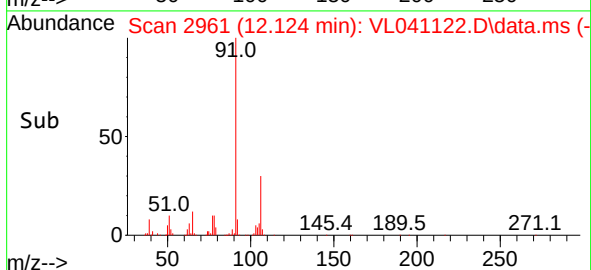
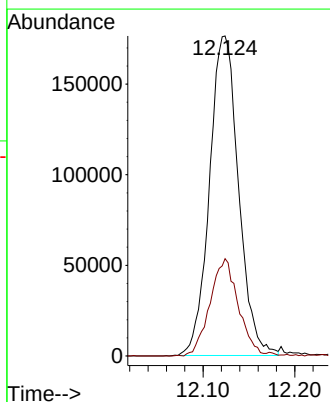
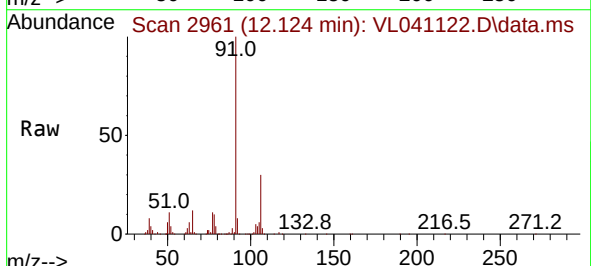
Manual Integrations
APPROVED

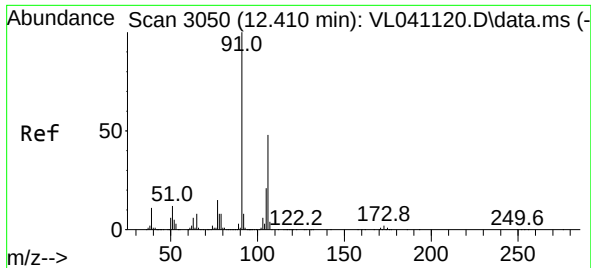
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#58
Ethyl Benzene
Concen: 1.034 ppbv
RT: 12.124 min Scan# 2961
Delta R.T. -0.003 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

Tgt Ion: 91 Resp: 388820
Ion Ratio Lower Upper
91 100
106 30.2 25.6 38.4





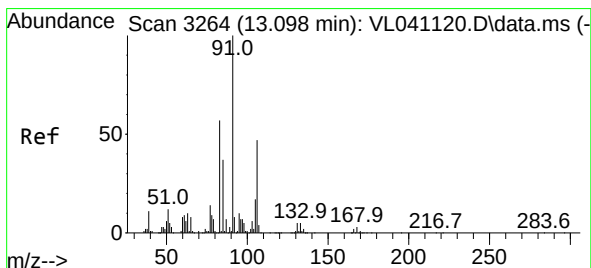
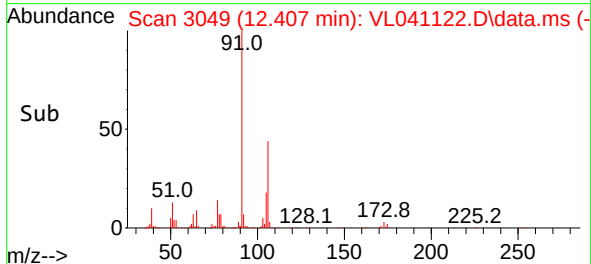
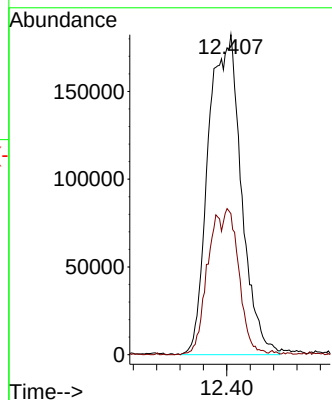
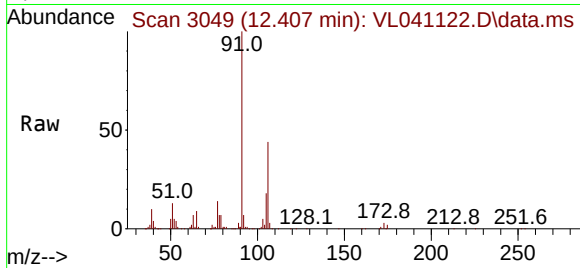
#59
m/p-Xylene
Concen: 2.098 ppbv m
RT: 12.407 min Scan# 3050
Delta R.T. -0.003 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 712839
Ion Ratio Lower Upper
91 100
106 42.5 35.4 53.2

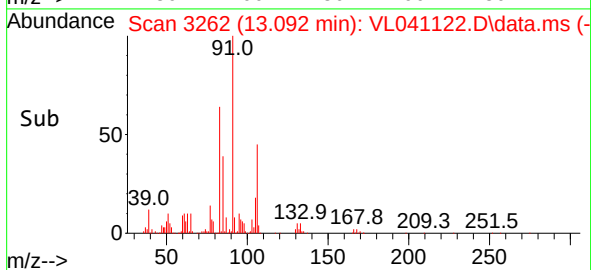
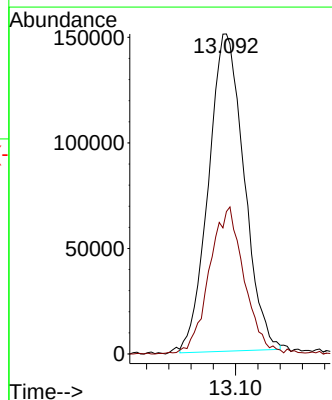
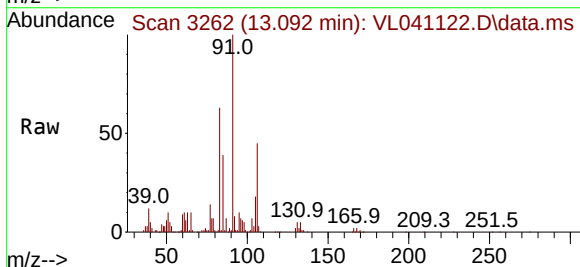
Manual Integrations
APPROVED

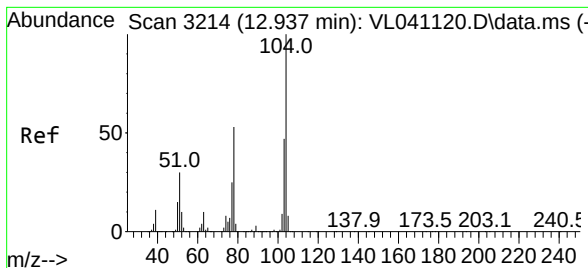
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#60
o-Xylene
Concen: 1.031 ppbv
RT: 13.092 min Scan# 3262
Delta R.T. -0.006 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

Tgt Ion: 91 Resp: 333251
Ion Ratio Lower Upper
91 100
106 46.0 22.9 68.5





#61

Styrene

Concen: 0.941 ppbv m

RT: 12.928 min Scan# 31

Delta R.T. -0.010 min

Lab File: VL041122.D

Acq: 4 Apr 2024 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion:104 Resp: 134618

Ion Ratio Lower Upper

104 100

78 0.0 43.3 64.9

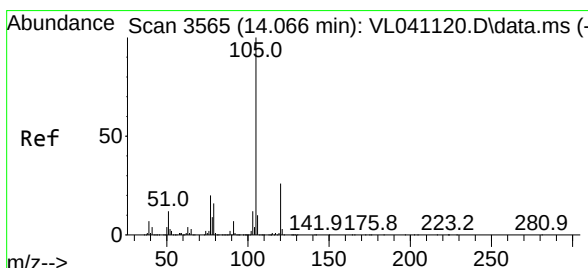
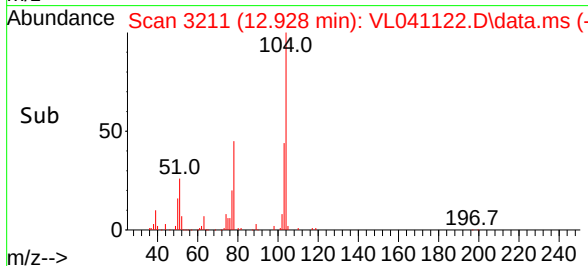
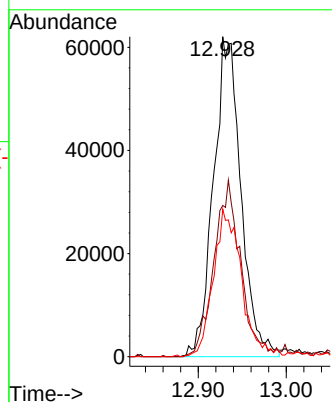
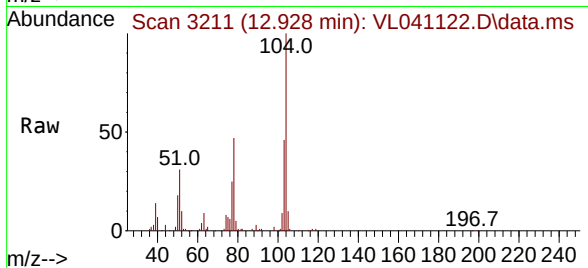
103 48.0 38.2 57.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#62

Isopropylbenzene

Concen: 1.053 ppbv

RT: 14.063 min Scan# 3564

Delta R.T. -0.003 min

Lab File: VL041122.D

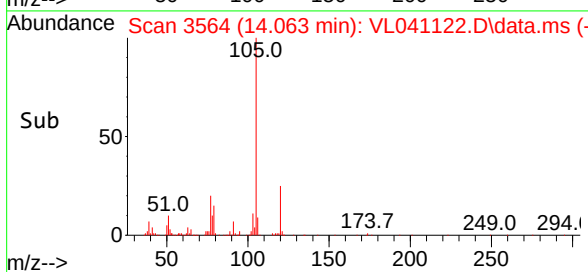
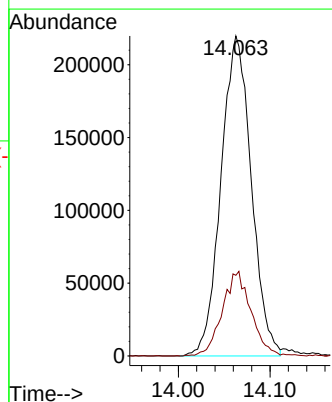
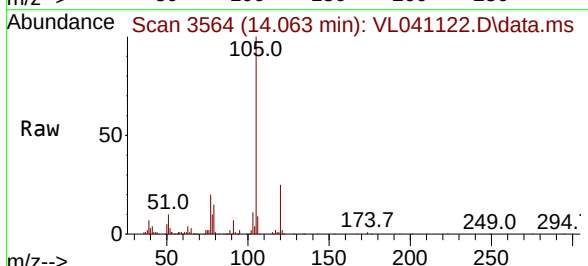
Acq: 4 Apr 2024 10:45

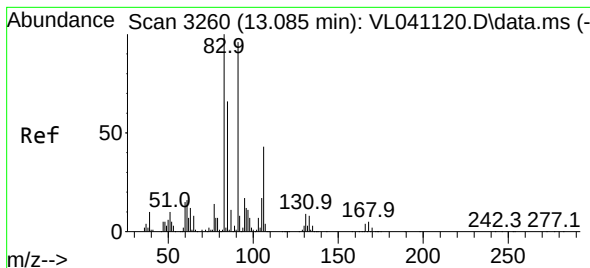
Tgt Ion:105 Resp: 505349

Ion Ratio Lower Upper

105 100

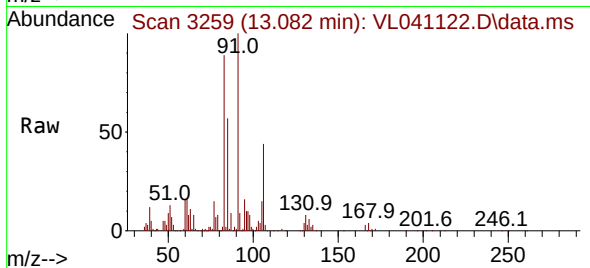
120 25.2 21.0 31.4





#63
1,1,2,2-Tetrachloroethane
Concen: 1.092 ppbv
RT: 13.082 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

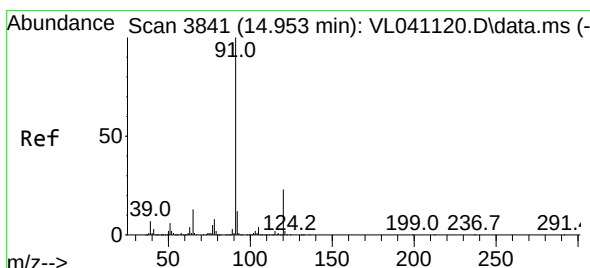
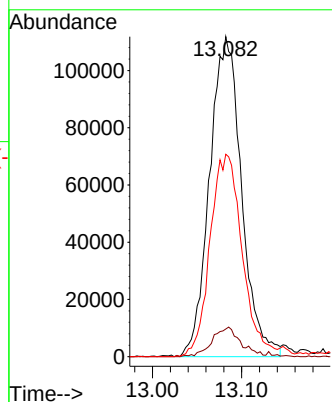
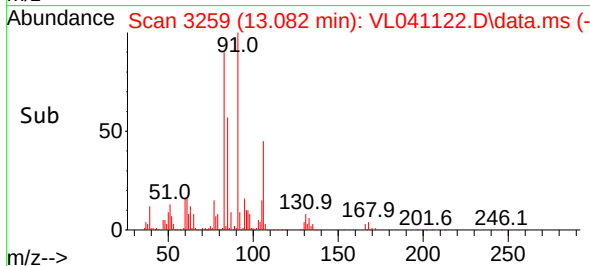
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



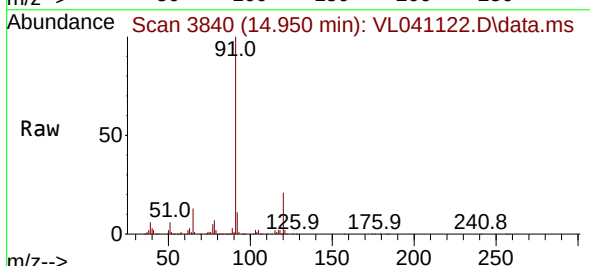
Tgt Ion: 83 Resp: 278514
Ion Ratio Lower Upper
83 100
131 8.6 4.7 14.0
85 64.8 33.1 99.2

Manual Integrations
APPROVED

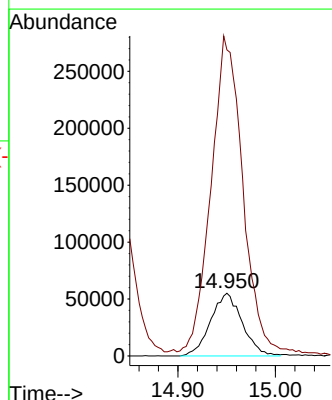
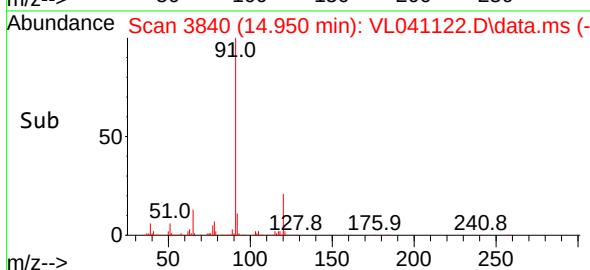
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

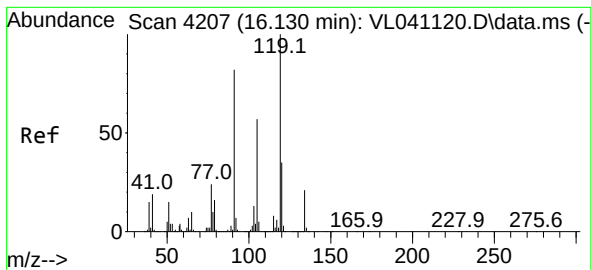


#64
n-propylbenzene
Concen: 1.036 ppbv
RT: 14.950 min Scan# 3840
Delta R.T. -0.003 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45



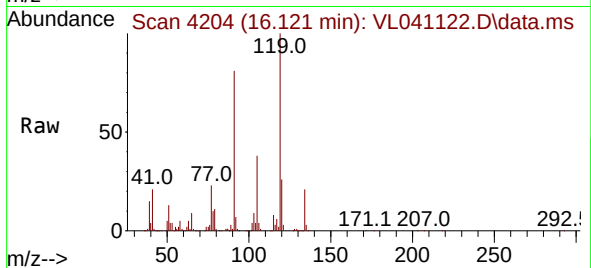
Tgt Ion:120 Resp: 124398
Ion Ratio Lower Upper
120 100
91 516.8 395.0 592.6





#65
tert-Butylbenzene
Concen: 1.044 ppbv
RT: 16.121 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

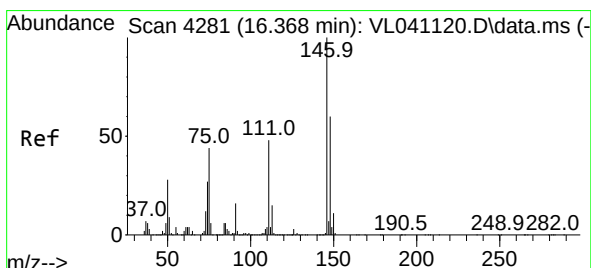
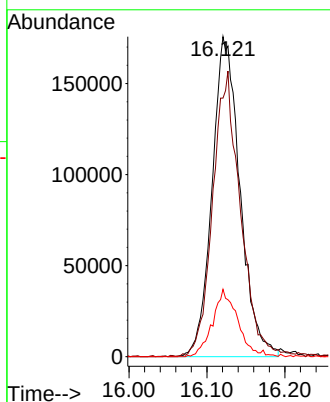
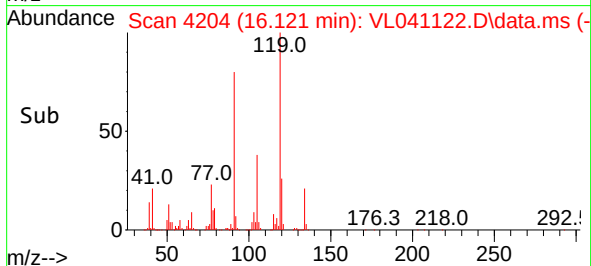
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



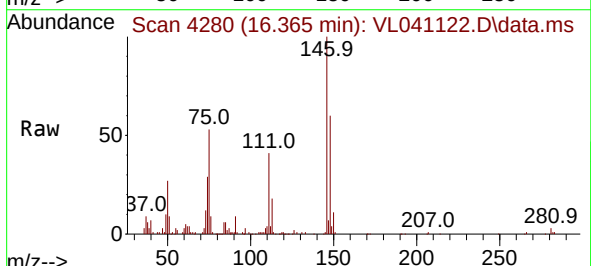
Tgt Ion: 119 Resp: 43747
Ion Ratio Lower Upper
119 100
91 89.6 67.8 101.8
134 19.0 16.0 24.0

Manual Integrations
APPROVED

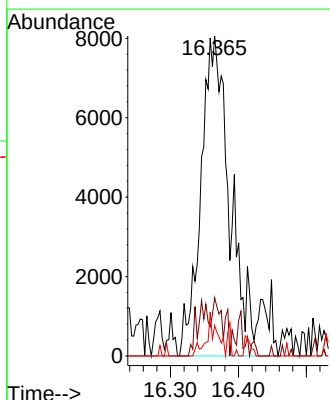
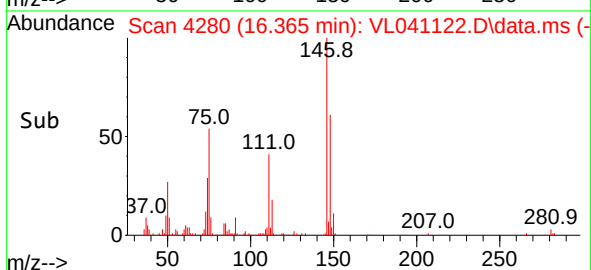
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

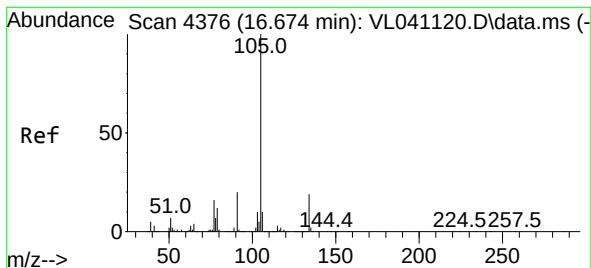


#66
Benzyl Chloride
Concen: 0.926 ppbv m
RT: 16.365 min Scan# 4280
Delta R.T. -0.003 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45



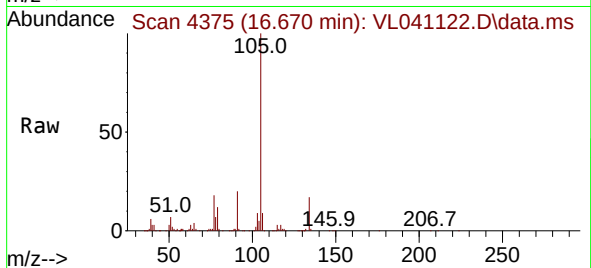
Tgt Ion: 91 Resp: 25581
Ion Ratio Lower Upper
91 100
126 16.5 13.4 20.2
128 5.6 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 1.065 ppbv
 RT: 16.670 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041122.D
 Acq: 4 Apr 2024 10:45

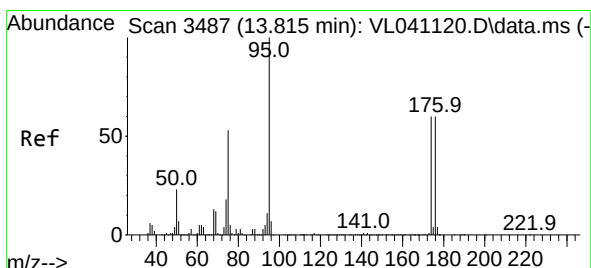
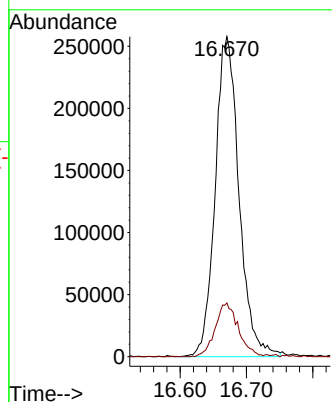
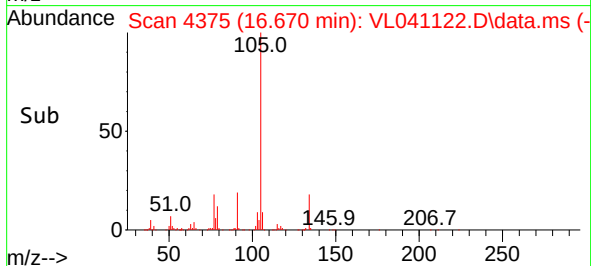
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion:105 Resp: 643782
 Ion Ratio Lower Upper
 105 100
 134 16.4 14.3 21.5

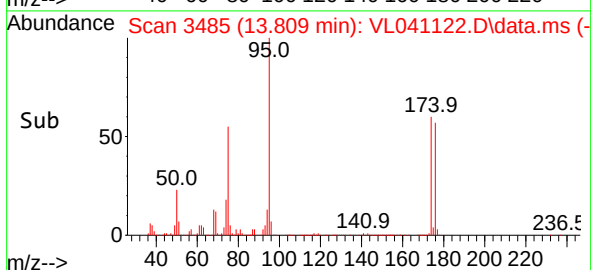
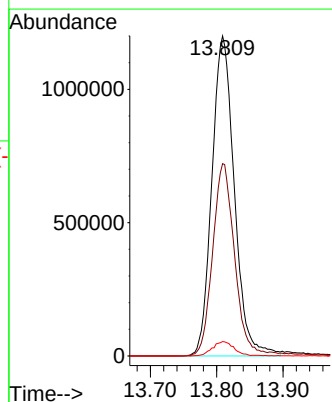
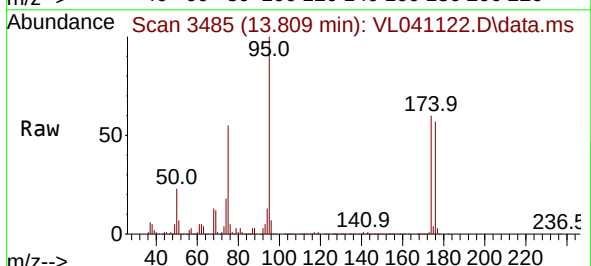
Manual Integrations
 APPROVED

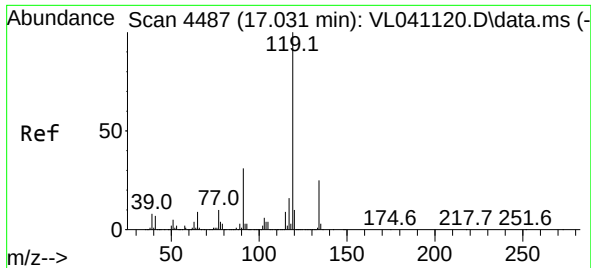
Reviewed By :Semsettin Yesilyurt 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.198 ppbv
 RT: 13.809 min Scan# 3485
 Delta R.T. -0.006 min
 Lab File: VL041122.D
 Acq: 4 Apr 2024 10:45

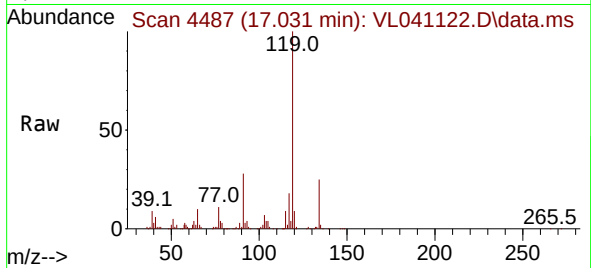
Tgt Ion: 95 Resp: 2820273
 Ion Ratio Lower Upper
 95 100
 174 60.2 49.3 73.9
 175 4.5 3.6 5.4





#69
p-Isopropyltoluene
Concen: 1.020 ppbv
RT: 17.031 min Scan# 4487
Delta R.T. -0.000 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

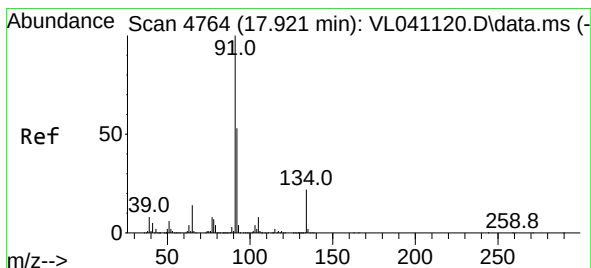
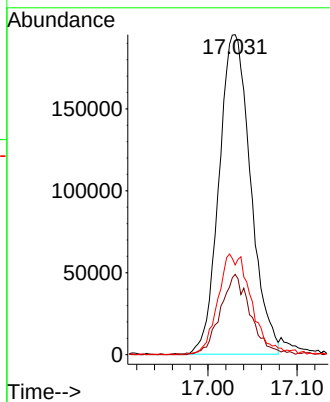
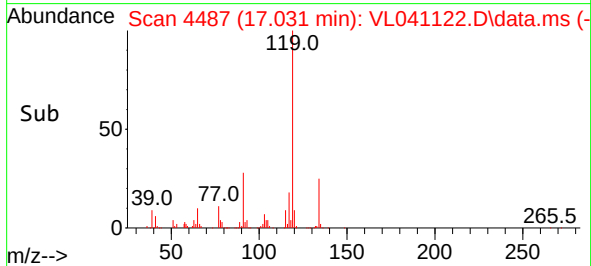
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



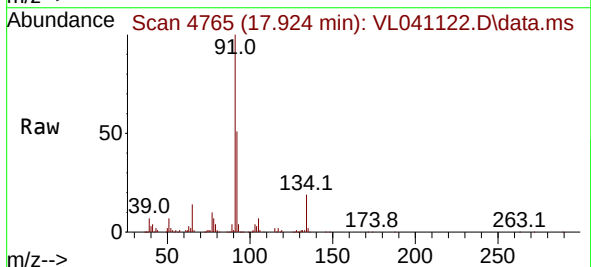
Tgt Ion:119 Resp: 48069
Ion Ratio Lower Upper
119 100
134 24.4 20.5 30.7
91 33.2 24.8 37.2

Manual Integrations
APPROVED

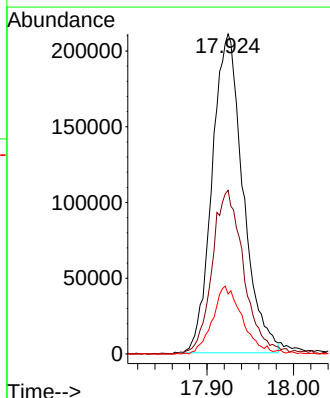
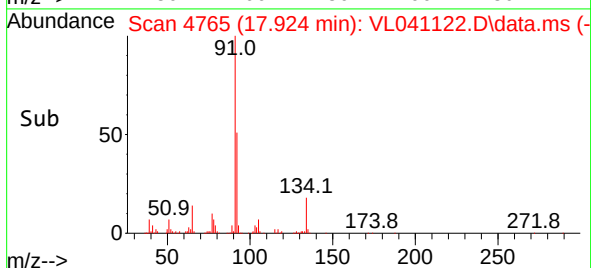
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

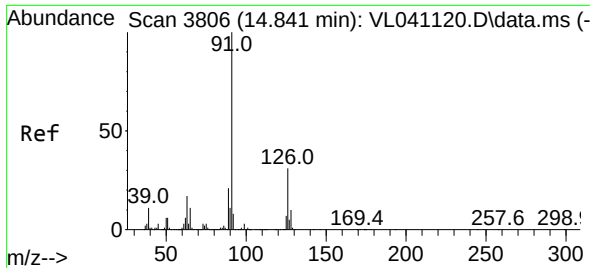


#70
n-Butylbenzene
Concen: 1.017 ppbv
RT: 17.924 min Scan# 4765
Delta R.T. 0.003 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45



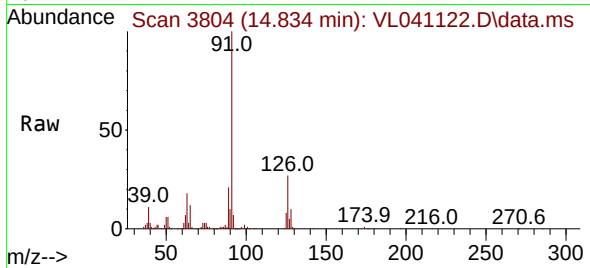
Tgt Ion: 91 Resp: 521755
Ion Ratio Lower Upper
91 100
92 53.3 43.4 65.0
134 20.9 17.1 25.7





#71
2-Chlorotoluene
Concen: 1.030 ppbv
RT: 14.834 min Scan# 3804
Delta R.T. -0.006 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45

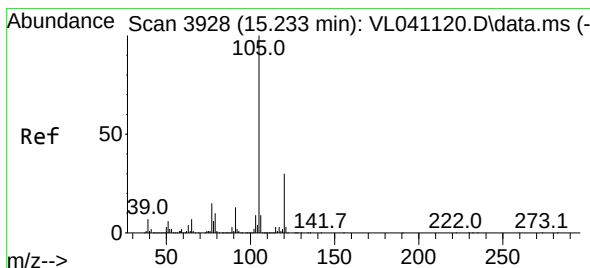
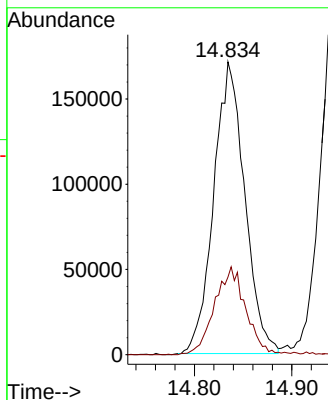
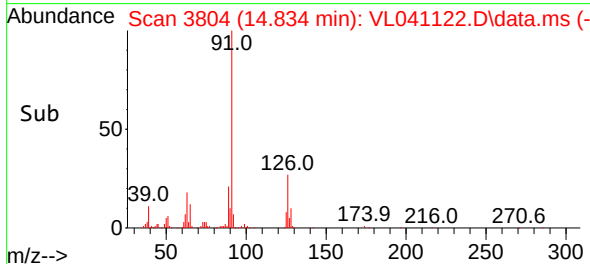
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



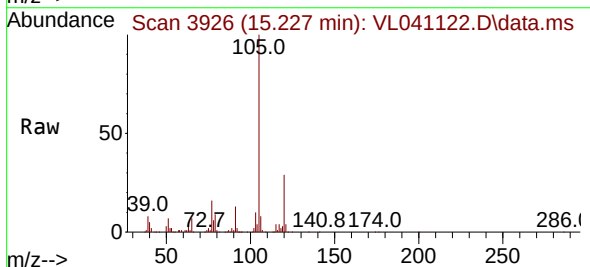
Tgt Ion: 91 Resp: 37854
Ion Ratio Lower Upper
91 100
126 30.7 12.5 50.1

Manual Integrations
APPROVED

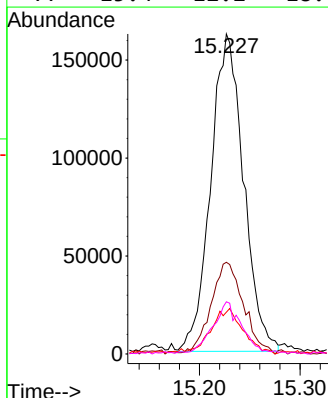
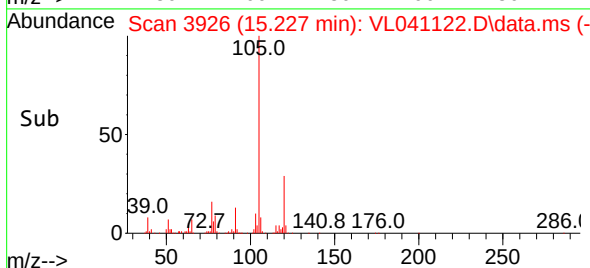
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

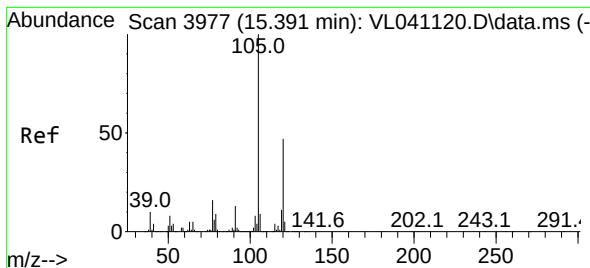


#72
4-Ethyltoluene
Concen: 1.029 ppbv
RT: 15.227 min Scan# 3926
Delta R.T. -0.006 min
Lab File: VL041122.D
Acq: 4 Apr 2024 10:45



Tgt Ion:105 Resp: 366886
Ion Ratio Lower Upper
105 100
120 28.0 24.2 36.2
91 13.2 11.2 16.8
77 15.4 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 1.011 ppbv

RT: 15.384 min Scan# 3975

Delta R.T. -0.006 min

Lab File: VL041122.D

Acq: 4 Apr 2024 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 32056

Ion Ratio Lower Upper

105 100

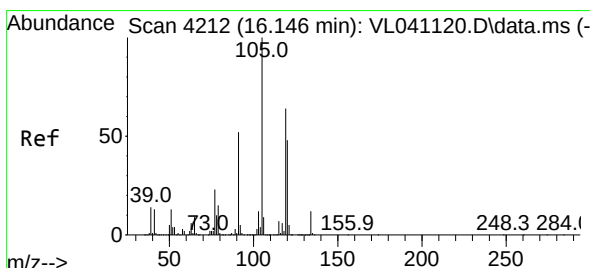
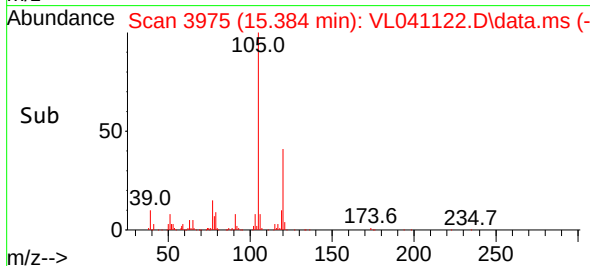
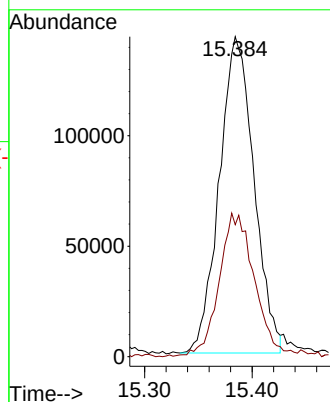
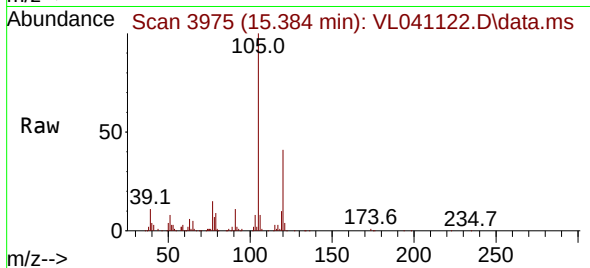
120 41.2 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#74

1,2,4-Trimethylbenzene

Concen: 1.057 ppbv m

RT: 16.137 min Scan# 4209

Delta R.T. -0.010 min

Lab File: VL041122.D

Acq: 4 Apr 2024 10:45

Tgt Ion:105 Resp: 386169

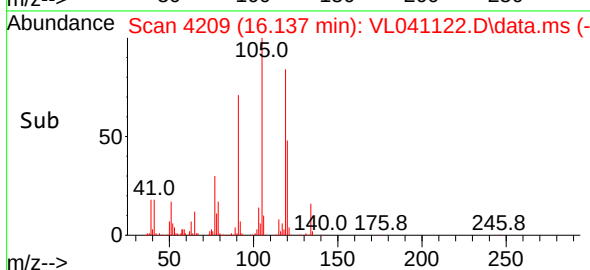
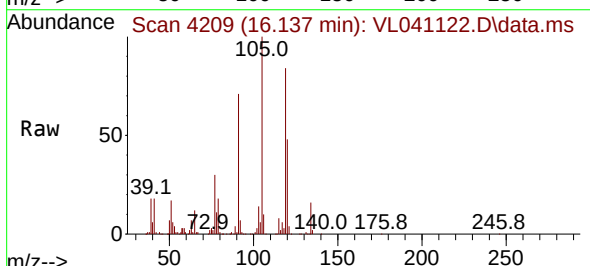
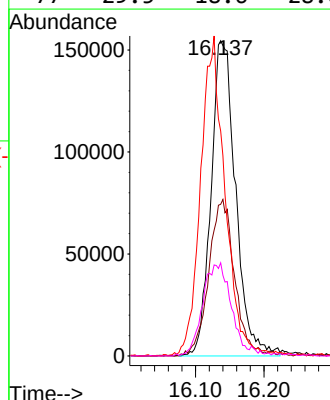
Ion Ratio Lower Upper

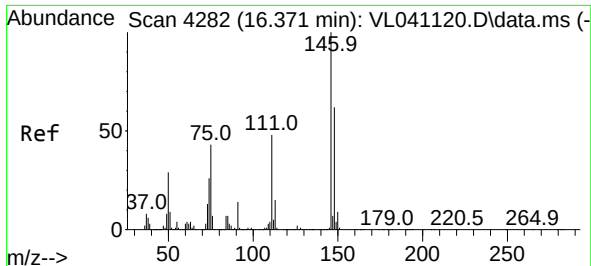
105 100

120 48.1 38.9 58.3

91 71.4 43.0 64.6#

77 29.5 18.6 28.0#





#75

1,3-Dichlorobenzene

Concen: 1.007 ppbv

RT: 16.365 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL041122.D

Acq: 4 Apr 2024 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:146 Resp: 21356

Ion Ratio Lower Upper

146 100

111 50.2 24.1 72.4

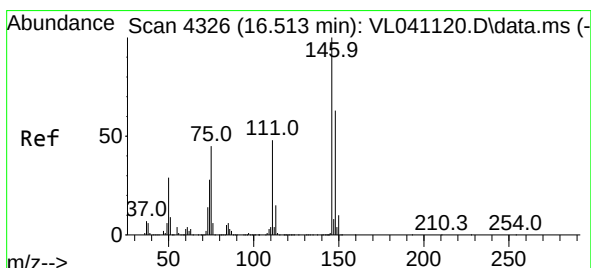
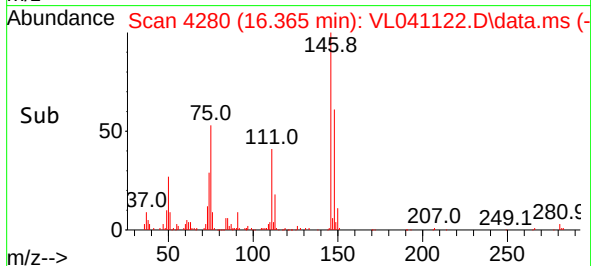
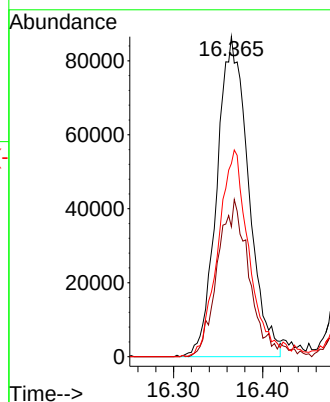
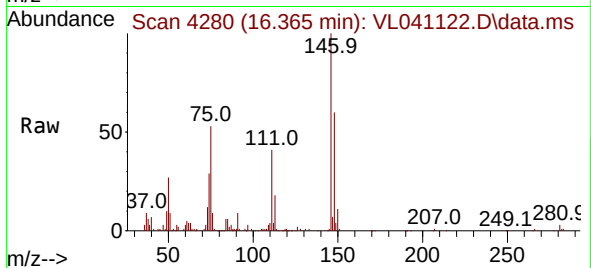
148 64.3 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#76

1,4-Dichlorobenzene

Concen: 0.994 ppbv

RT: 16.506 min Scan# 4324

Delta R.T. -0.006 min

Lab File: VL041122.D

Acq: 4 Apr 2024 10:45

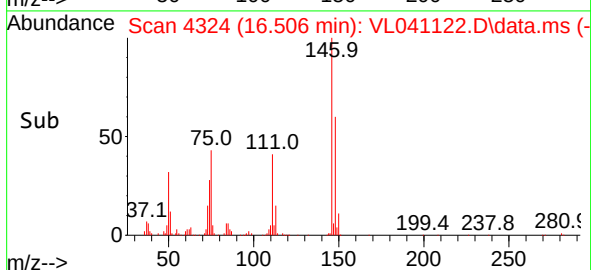
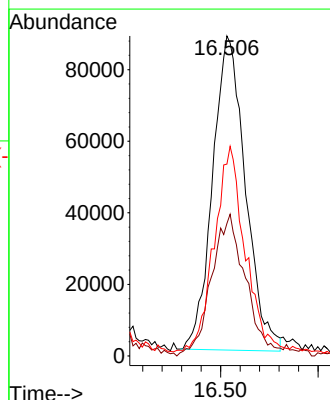
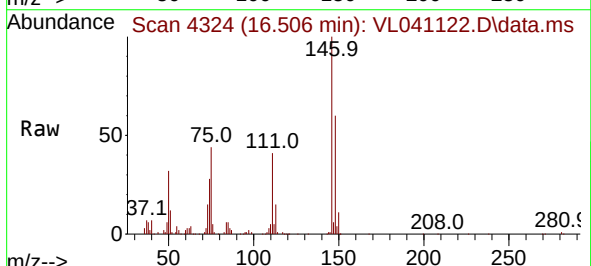
Tgt Ion:146 Resp: 205228

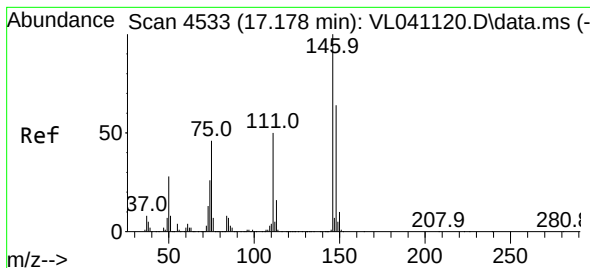
Ion Ratio Lower Upper

146 100

111 46.4 24.1 72.3

148 68.3 33.1 99.2





#77

1,2-Dichlorobenzene

Concen: 0.983 ppbv

RT: 17.172 min Scan# 4531

Delta R.T. -0.006 min

Lab File: VL041122.D

Acq: 4 Apr 2024 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:146 Resp: 20260

Ion Ratio Lower Upper

146 100

111 54.3 25.1 75.3

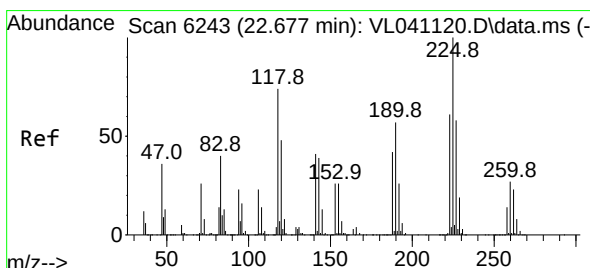
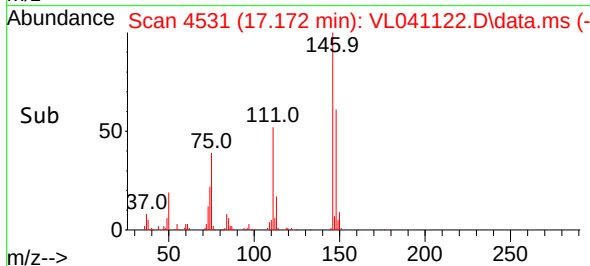
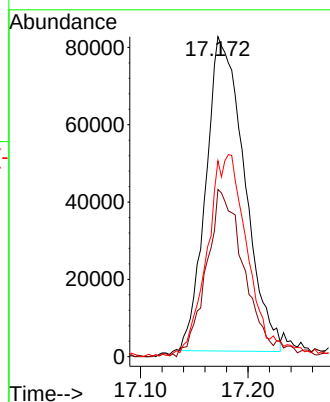
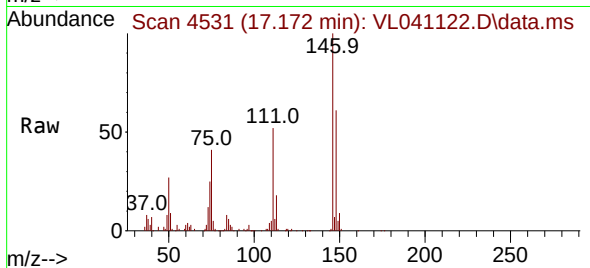
148 69.5 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#78

Hexachloro-1,3-Butadiene

Concen: 1.034 ppbv

RT: 22.673 min Scan# 6242

Delta R.T. -0.003 min

Lab File: VL041122.D

Acq: 4 Apr 2024 10:45

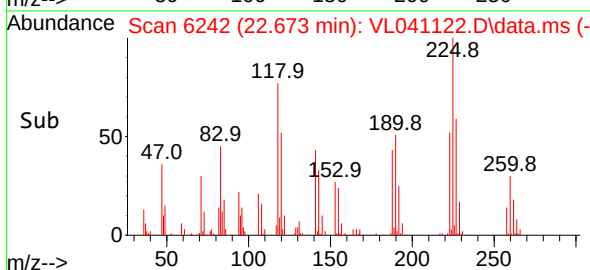
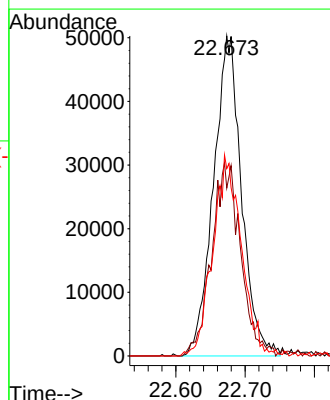
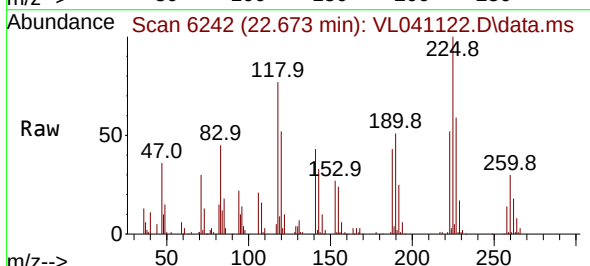
Tgt Ion:225 Resp: 141590

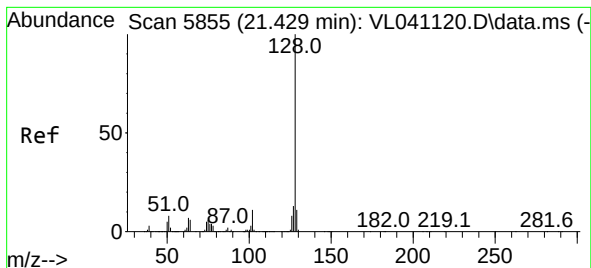
Ion Ratio Lower Upper

225 100

223 62.4 50.9 76.3

227 63.9 51.3 76.9





#79

Naphthalene

Concen: 0.975 ppbv m

RT: 21.432 min Scan# 5855

Delta R.T. 0.003 min

Lab File: VL041122.D

Acq: 4 Apr 2024 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:128 Resp: 22383

Ion Ratio Lower Upper

128 100

127 14.5 10.6 15.8

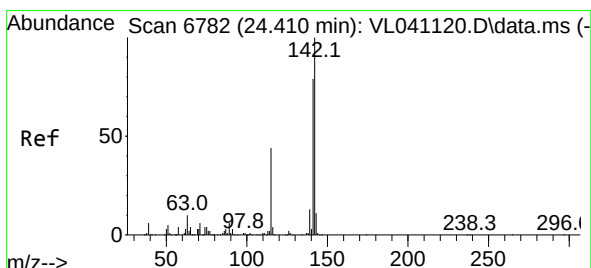
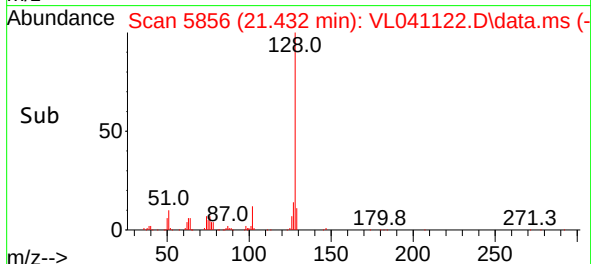
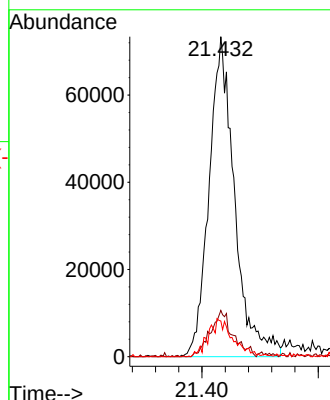
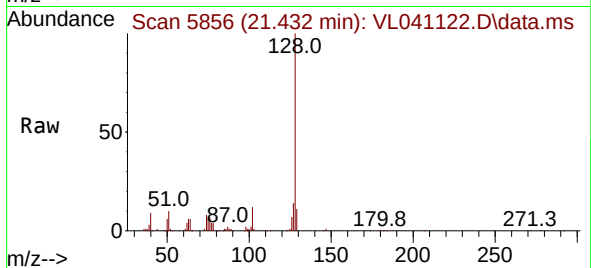
129 11.2 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024



#80

Naphthalene,2-methyl-

Concen: 0.829 ppbv m

RT: 24.419 min Scan# 6785

Delta R.T. 0.010 min

Lab File: VL041122.D

Acq: 4 Apr 2024 10:45

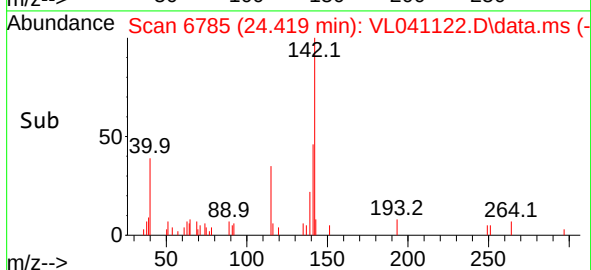
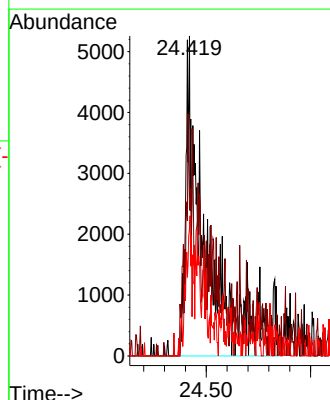
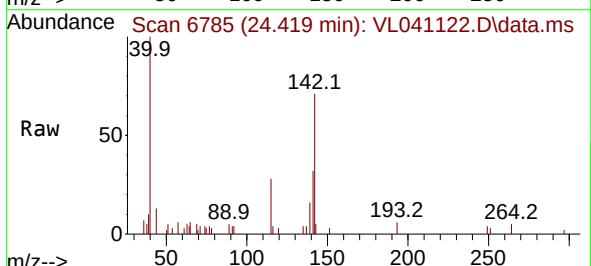
Tgt Ion:142 Resp: 33375

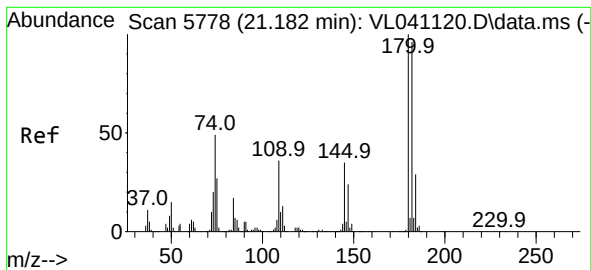
Ion Ratio Lower Upper

142 100

141 44.8 64.4 96.6#

115 15.8 33.5 50.3#





#81

1,2,4-Trichlorobenzene

Concen: 0.915 ppbv m

RT: 21.185 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL041122.D

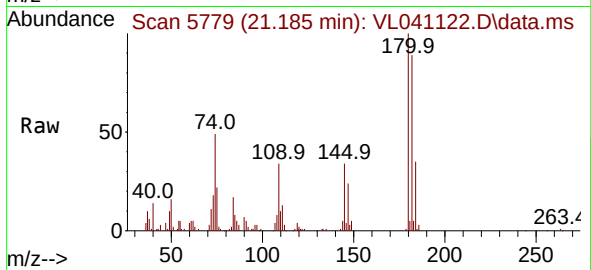
Acq: 4 Apr 2024 10:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001



Tgt Ion:180 Resp: 121100

Ion Ratio Lower Upper

180 100

182 95.2 77.4 116.2

184 29.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024

Supervised By :Mahesh Dadoda 04/05/2024

