

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
 Data File : VL041321.D
 Acq On : 5 Jun 2024 9:27
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/06/2024
 Supervised By : Mahesh Dadoda 06/06/2024

Quant Time: Jun 06 04:24:25 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

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

QLast Update : Wed Jun 05 04:42:10 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	966248	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2498711	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2387386m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.780 95 1890257 10.255 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.764	85	1410726	9.143	ppbv	100
3) Chlorodifluoromethane	2.710	51	1403895	9.194	ppbv	100
4) Chloromethane	2.848	50	536100	9.328	ppbv	100
5) Vinyl Chloride	2.951	62	565162	9.761	ppbv	95
6) Bromomethane	3.150	94	192417	9.347	ppbv	99
7) Chloroethane	3.227	64	193118	9.688	ppbv	96
8) Dichlorotetrafluoroethane	2.890	85	1319972	9.302	ppbv	99
9) Propene	2.729	41	503567	9.259	ppbv	99
10) Heptane	7.590	43	1241121	9.628	ppbv	100
11) Trichlorofluoromethane	3.587	101	1338029	9.433	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.086	101	953173	9.514	ppbv	100
13) Ethanol	3.269	45	134587m	9.512	ppbv	
14) Bromoethene	3.395	108	392881	9.689	ppbv	99
15) Acetone	3.494	43	1020198	9.248	ppbv	99
16) 1,3-Butadiene	3.015	39	556190	10.029	ppbv	100
17) tert-Butyl alcohol	3.903	59	1004853	9.893	ppbv	99
18) 1,1-Dichloroethene	3.906	96	427819	10.010	ppbv	91
19) Isopropyl Alcohol	3.600	45	737099	10.635	ppbv	99
20) Methylene Chloride	3.957	84	359580	8.968	ppbv	93
21) Allyl Chloride	4.021	41	689496	9.865	ppbv	100
22) trans-1,2-Dichloroethene	4.465	96	430394	9.663	ppbv	96
23) Vinyl Acetate	4.645	43	1190130	10.548	ppbv	100
24) 1,1-Dichloroethane	4.584	63	947338	9.544	ppbv	99
25) Ethyl Acetate	5.221	43	2053637	9.410	ppbv	100
26) Hexane	5.230	57	896703	9.136	ppbv	99
27) Carbon Disulfide	4.147	76	1121745	10.318	ppbv	98
28) Methyl tert-Butyl Ether	4.607	73	692775	9.524	ppbv	100
29) Chloroform	5.292	83	1393550	9.254	ppbv	100
30) Cyclohexane	6.616	84	750935	9.439	ppbv	100
31) cis-1,2-Dichloroethene	5.095	61	901903	9.724	ppbv	99
32) 1,1,1-Trichloroethane	6.018	97	1383132	9.697	ppbv	99
34) 2-Butanone	4.803	43	1134434	9.477	ppbv	96
35) Carbon Tetrachloride	6.507	117	1424577	10.031	ppbv	97
36) Benzene	6.385	78	1897917	9.800	ppbv	99
37) 1,2-Dichloroethane	5.822	62	1094912	9.697	ppbv	100
38) Trichloroethene	7.304	130	739155	9.417	ppbv	99
39) 1,2-Dichloropropane	7.086	63	740806	9.606	ppbv	97
40) 1,4-Dioxane	7.295	88	294809	10.438	ppbv	87
41) Tetrahydrofuran	5.571	42	813248	10.441	ppbv	98
42) Bromodichloromethane	7.263	83	1575141	9.713	ppbv	100
43) Methyl Methacrylate	7.481	69	777636	10.538	ppbv	99
44) 2,2,4-Trimethylpentane	7.340	57	3223439	9.677	ppbv	99
45) t-1,3-Dichloropropene	8.716	75	564737	11.341	ppbv	99

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024

Quant Time: Jun 06 04:24:25 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

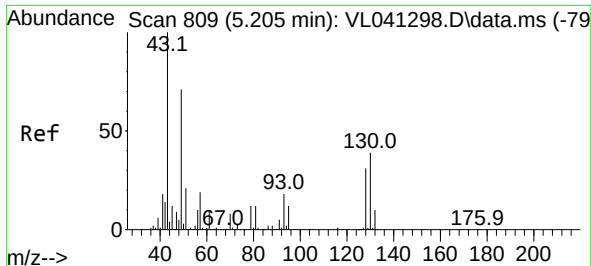
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Jun 05 04:42:10 2024

Response via : Initial Calibration

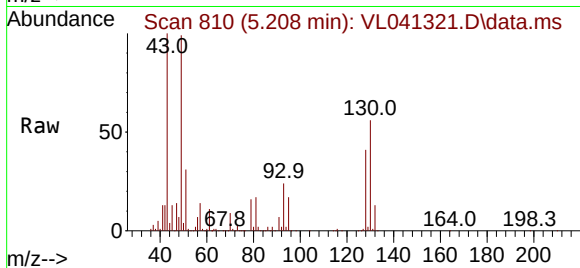
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	685986	10.702	ppbv	97
47) 1,1,2-Trichloroethane	8.909	97	776394	9.634	ppbv	97
48) Dibromochloromethane	9.716	129	1349922	10.164	ppbv	99
49) Bromoform	12.410	173	1115003	10.418	ppbv	99
50) 4-Methyl-2-Pentanone	8.189	43	2026237	10.226	ppbv	100
51) 2-Hexanone	9.555	43	1490413	10.582	ppbv	99
52) Tetrachloroethene	10.619	164	679660	9.623	ppbv	98
53) Toluene	9.227	91	2236688	10.040	ppbv	98
54) 1,2-Dibromoethane	10.015	107	1096385	10.435	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.513	131	977266	9.678	ppbv	99
57) Chlorobenzene	11.532	112	1708363	9.633	ppbv	98
58) Ethyl Benzene	12.095	91	3023561	9.880	ppbv	98
59) m/p-Xylene	12.375	91	5110818m	19.493	ppbv	
60) o-Xylene	13.063	91	2419200	9.678	ppbv	99
61) Styrene	12.902	104	1311544	10.703	ppbv	99
62) Isopropylbenzene	14.031	105	3632092	9.608	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.053	83	1707890	9.604	ppbv	99
64) n-propylbenzene	14.918	120	955746	9.810	ppbv	99
65) tert-Butylbenzene	16.089	119	3172277	9.440	ppbv	99
66) Benzyl Chloride	16.330	91	245432	11.100	ppbv	98
67) sec-Butylbenzene	16.635	105	4509122	9.497	ppbv	100
69) p-Isopropyltoluene	16.998	119	3736449	9.550	ppbv	100
70) n-Butylbenzene	17.886	91	3951078	9.734	ppbv	100
71) 2-Chlorotoluene	14.806	91	2781896	9.615	ppbv	100
72) 4-Ethyltoluene	15.195	105	2934791	10.078	ppbv	99
73) 1,3,5-Trimethylbenzene	15.355	105	2516355	9.956	ppbv	99
74) 1,2,4-Trimethylbenzene	16.108	105	2750380	9.622	ppbv #	88
75) 1,3-Dichlorobenzene	16.333	146	1644913	9.803	ppbv	99
76) 1,4-Dichlorobenzene	16.478	146	1634938	9.751	ppbv	99
77) 1,2-Dichlorobenzene	17.143	146	1585942	9.442	ppbv	99
78) Hexachloro-1,3-Butadiene	22.635	225	977888m	7.104	ppbv	
79) Naphthalene	21.381	128	2923397	11.787	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	961670	11.482	ppbv	96
81) 1,2,4-Trichlorobenzene	21.140	180	1394734	10.084	ppbv #	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

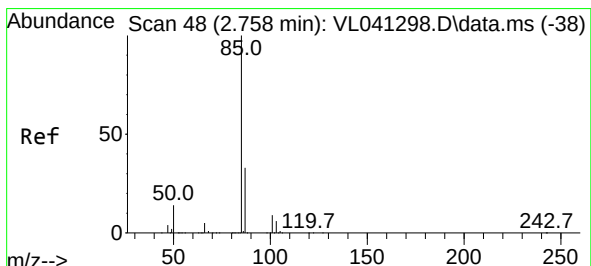
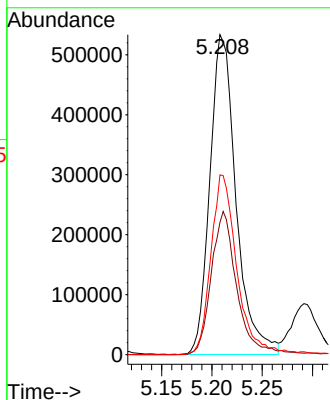
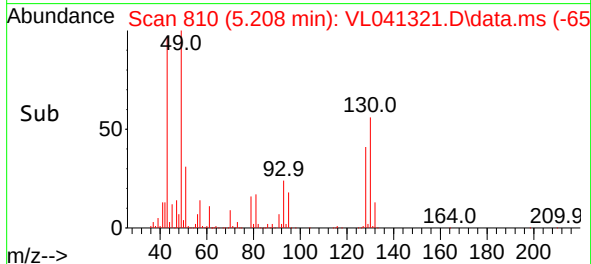
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 966248
Ion Ratio Lower Upper
49 100
128 44.3 22.8 68.3
130 57.0 28.4 85.3

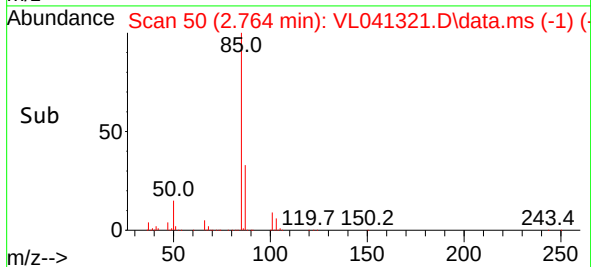
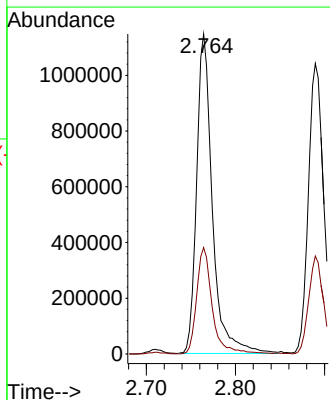
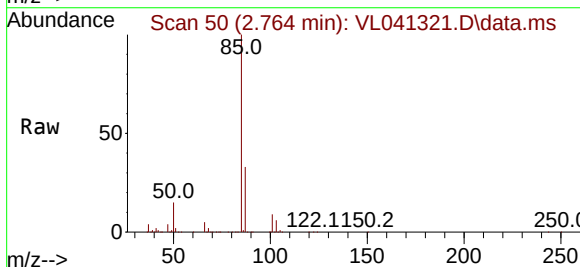
Manual Integrations
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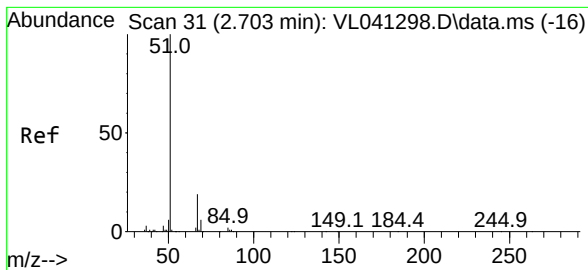
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#2
Dichlorodifluoromethane
Concen: 9.143 ppbv
RT: 2.764 min Scan# 50
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

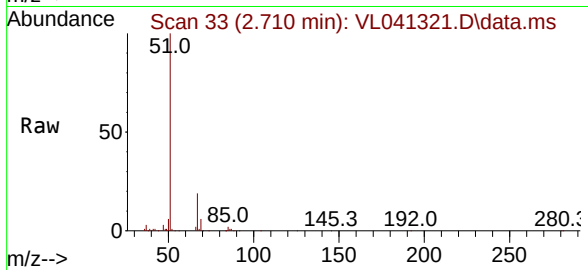
Tgt Ion: 85 Resp: 1410726
Ion Ratio Lower Upper
85 100
87 33.3 26.5 39.7





#3
Chlorodifluoromethane
Concen: 9.194 ppbv
RT: 2.710 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

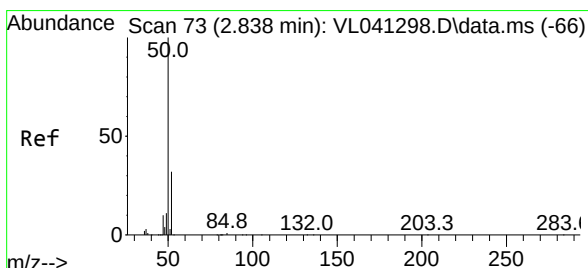
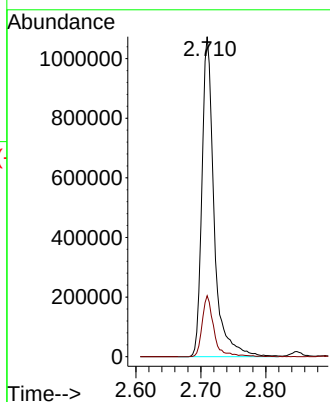
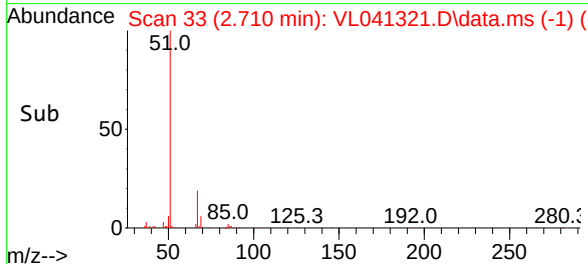
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



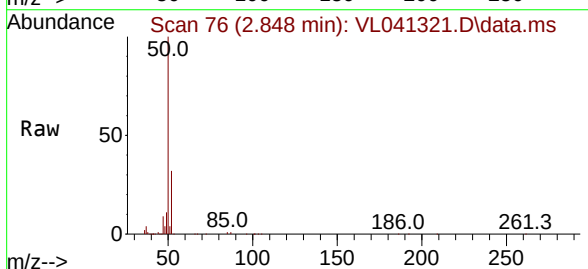
Tgt Ion: 51 Resp: 140389
Ion Ratio Lower Upper
51 100
67 18.5 14.7 22.1

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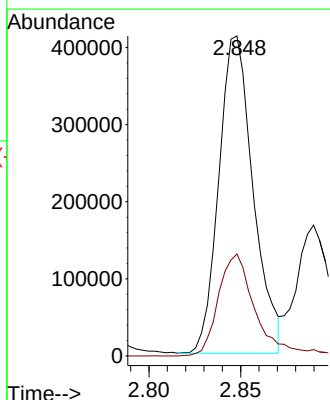
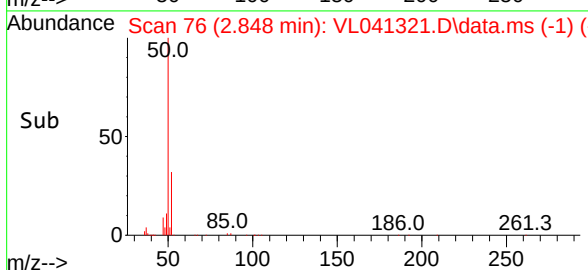
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

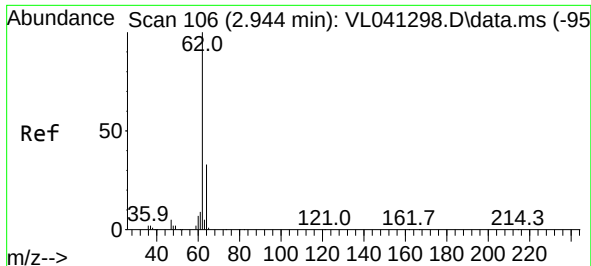


#4
Chloromethane
Concen: 9.328 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.010 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27



Tgt Ion: 50 Resp: 536100
Ion Ratio Lower Upper
50 100
52 32.1 25.6 38.4





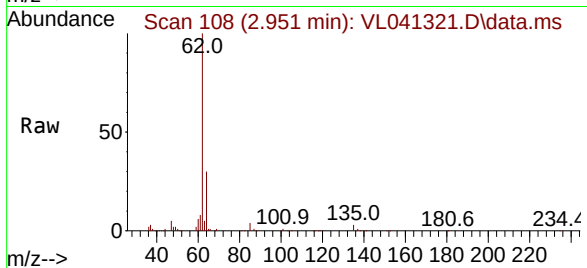
#5
 Vinyl Chloride
 Concen: 9.761 ppbv
 RT: 2.951 min Scan# 108
 Delta R.T. 0.007 min
 Lab File: VL041321.D
 Acq: 5 Jun 2024 9:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

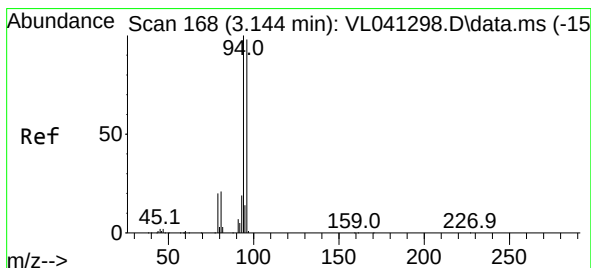
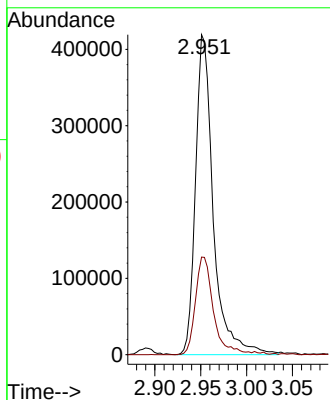
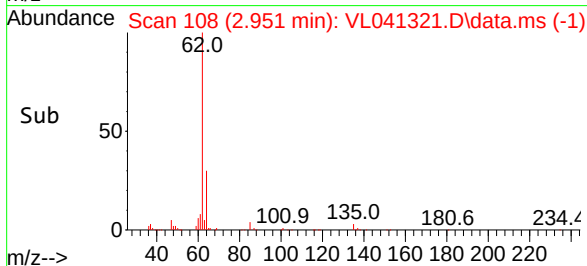


Tgt Ion: 62 Resp: 565162
 Ion Ratio Lower Upper
 62 100
 64 30.4 26.6 40.0

Manual Integrations

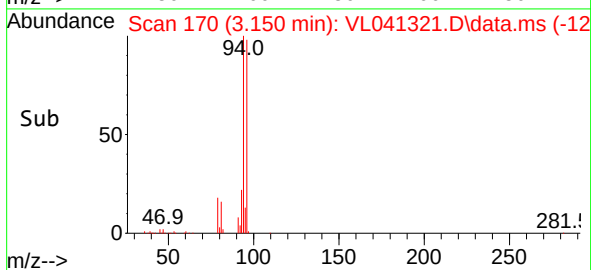
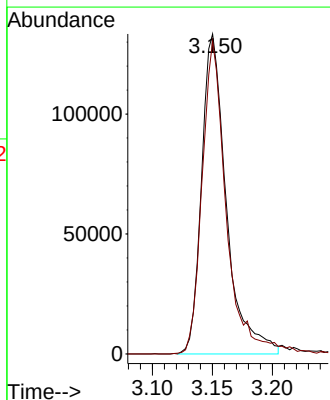
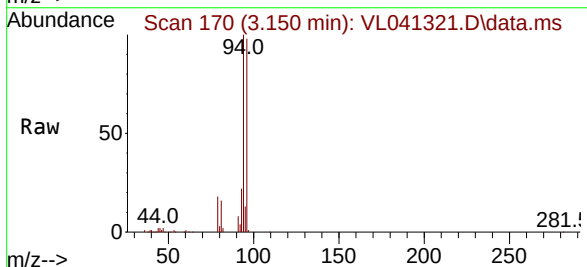
APPROVED

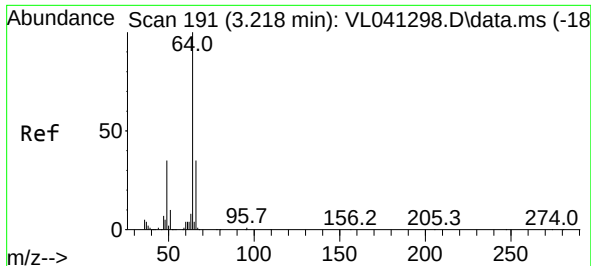
Reviewed By :Semsettin Yesilyurt 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024



#6
 Bromomethane
 Concen: 9.347 ppbv
 RT: 3.150 min Scan# 170
 Delta R.T. 0.007 min
 Lab File: VL041321.D
 Acq: 5 Jun 2024 9:27

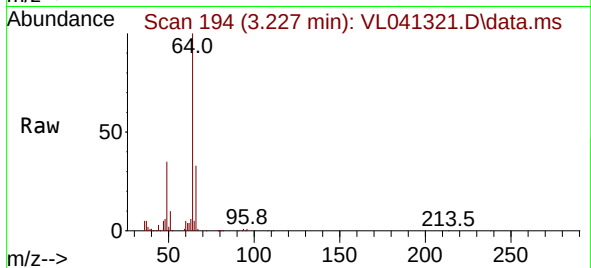
Tgt Ion: 94 Resp: 192417
 Ion Ratio Lower Upper
 94 100
 96 97.5 78.6 117.8





#7
Chloroethane
Concen: 9.688 ppbv
RT: 3.227 min Scan# 191
Delta R.T. 0.010 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

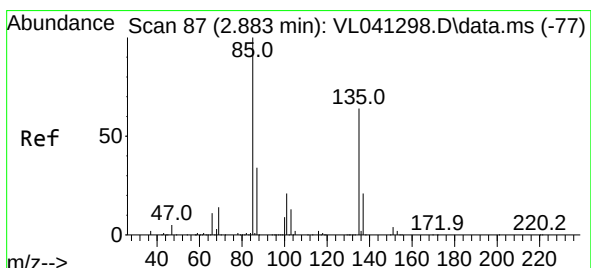
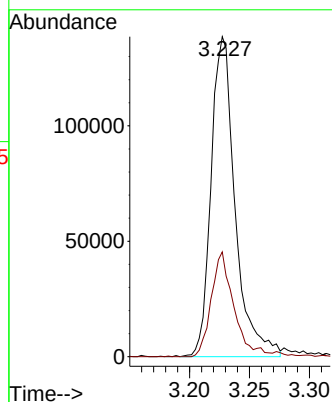
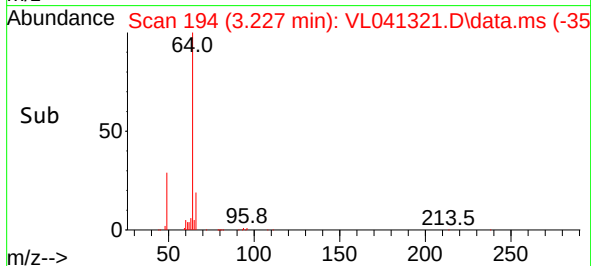
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



Tgt Ion: 64 Resp: 193118
Ion Ratio Lower Upper
64 100
66 32.8 28.1 42.1

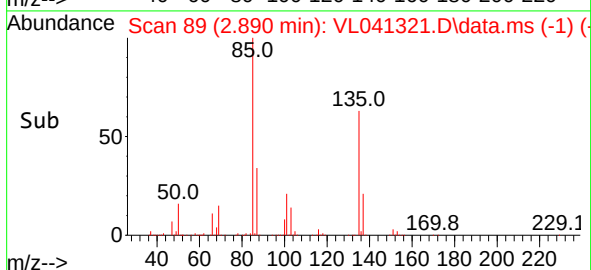
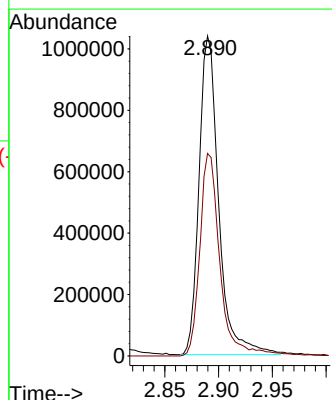
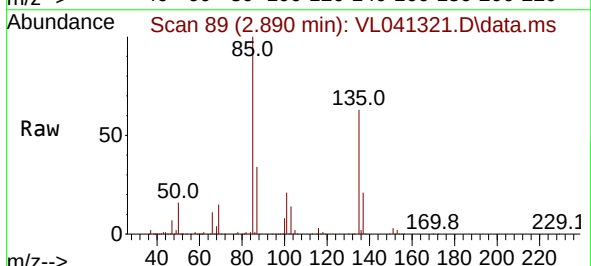
Manual Integrations
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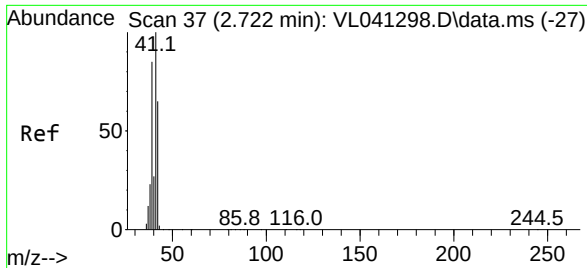
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#8
Dichlorotetrafluoroethane
Concen: 9.302 ppbv
RT: 2.890 min Scan# 89
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

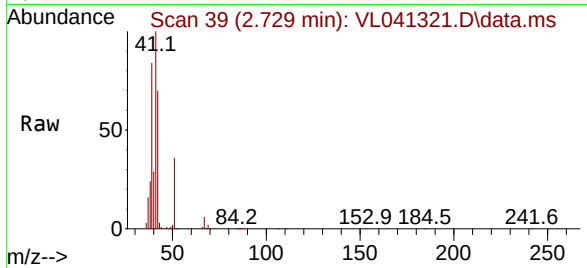
Tgt Ion: 85 Resp: 1319972
Ion Ratio Lower Upper
85 100
135 65.4 51.7 77.5





#9
Propene
Concen: 9.259 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

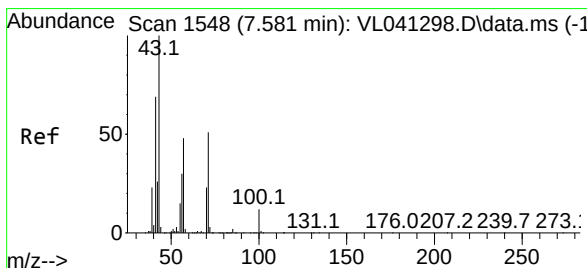
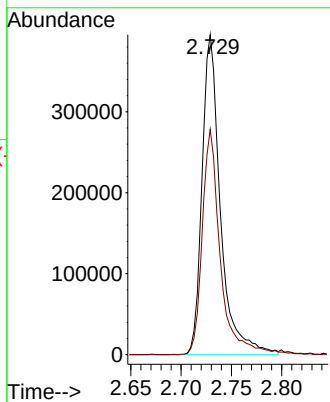
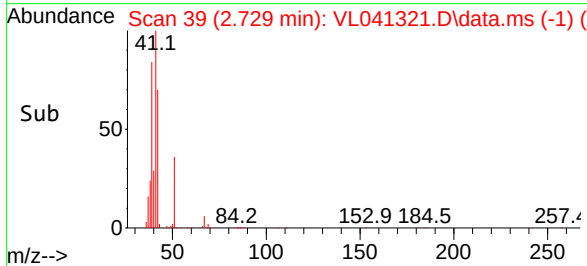
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



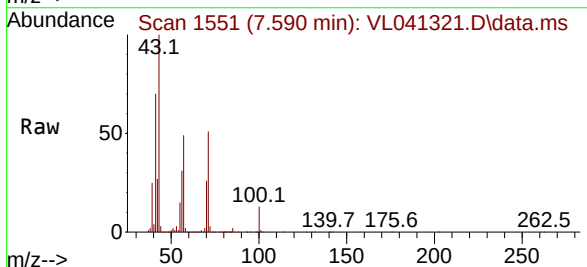
Tgt Ion: 41 Resp: 50356
Ion Ratio Lower Upper
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42 69.5 55.2 82.8

Manual Integrations
APPROVED

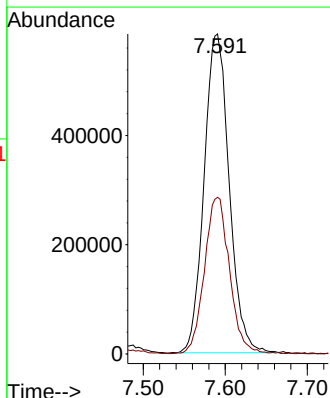
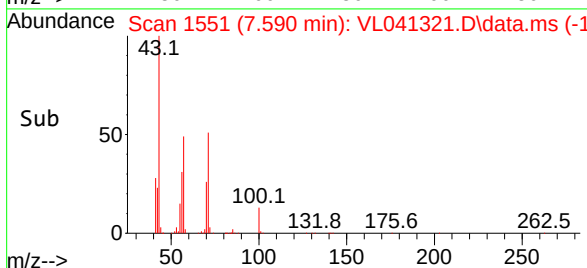
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

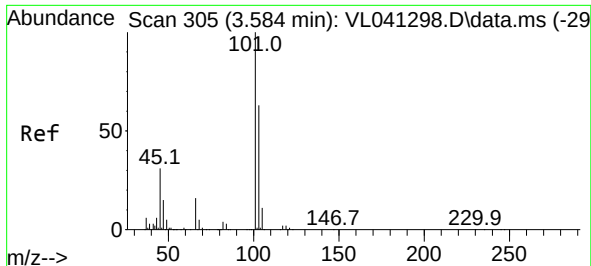


#10
Heptane
Concen: 9.628 ppbv
RT: 7.590 min Scan# 1551
Delta R.T. 0.010 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27



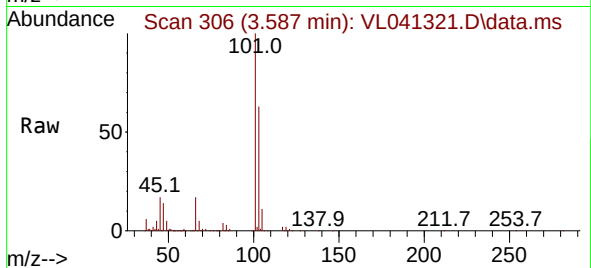
Tgt Ion: 43 Resp: 1241121
Ion Ratio Lower Upper
43 100
57 48.9 39.0 58.4





#11
Trichlorofluoromethane
Concen: 9.433 ppbv
RT: 3.587 min Scan# 305
Delta R.T. 0.003 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

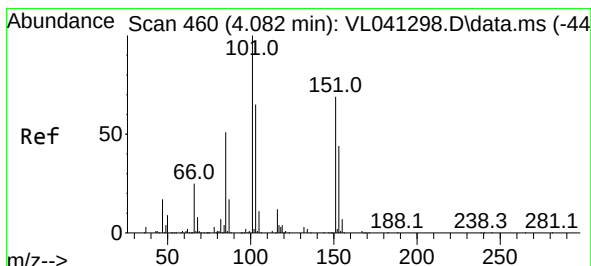
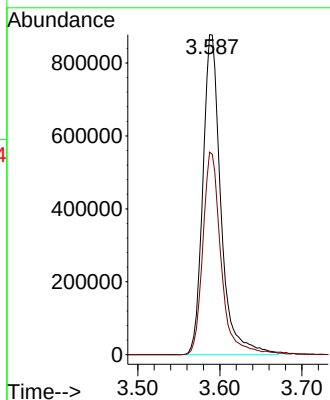
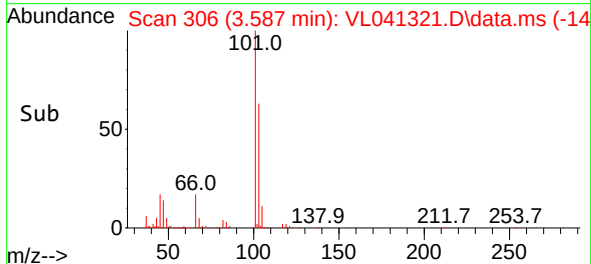
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



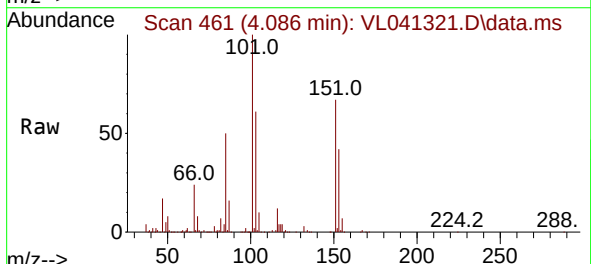
Tgt Ion:101 Resp: 1338029
Ion Ratio Lower Upper
101 100
103 63.3 50.6 76.0

Manual Integrations
APPROVED

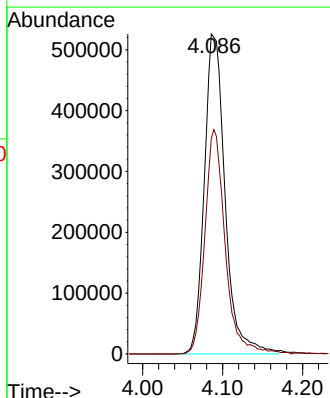
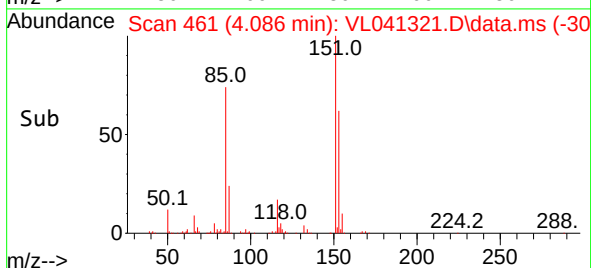
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

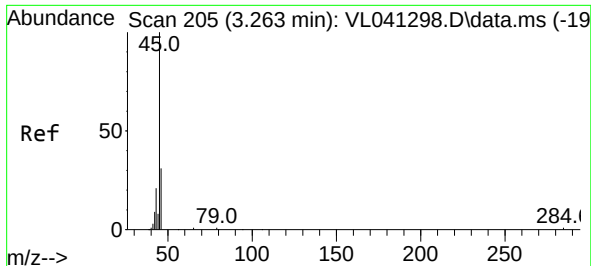


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.514 ppbv
RT: 4.086 min Scan# 461
Delta R.T. 0.003 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27



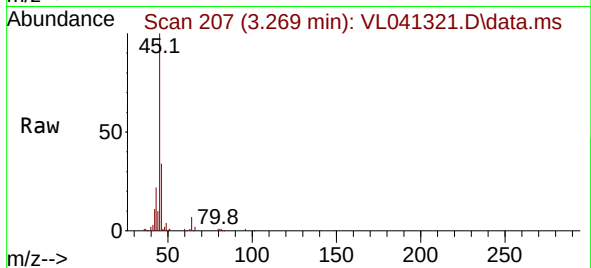
Tgt Ion:101 Resp: 953173
Ion Ratio Lower Upper
101 100
151 68.8 54.8 82.2





#13
Ethanol
Concen: 9.512 ppbv m
RT: 3.269 min Scan# 205
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

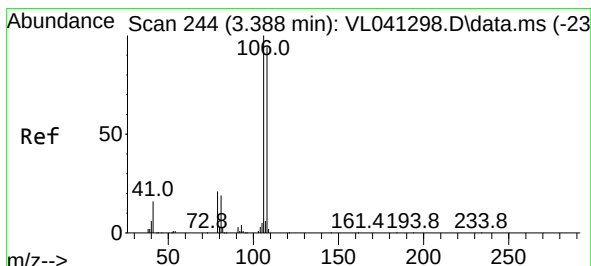
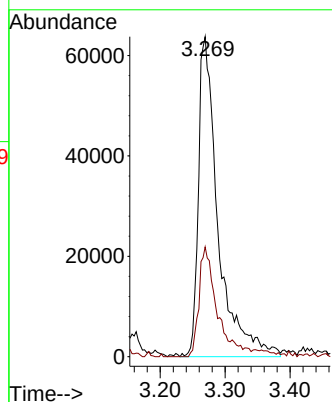
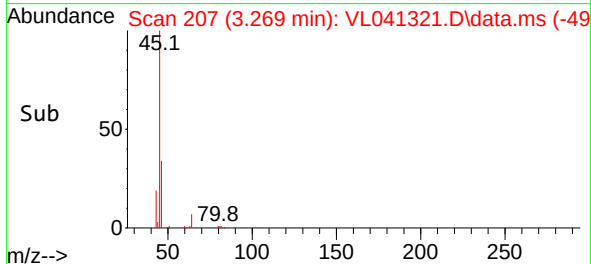
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



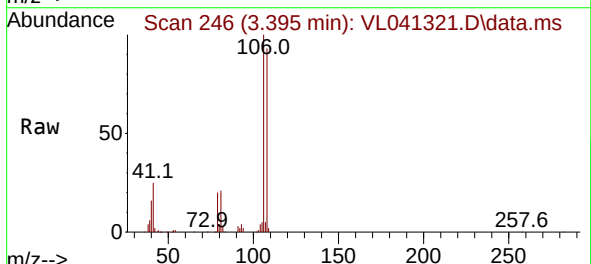
Tgt Ion: 45 Resp: 13458
Ion Ratio Lower Upper
45 100
46 34.1 14.2 56.6

Manual Integrations
APPROVED

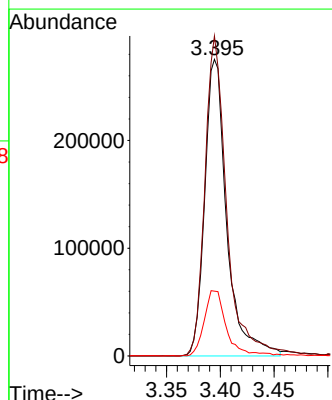
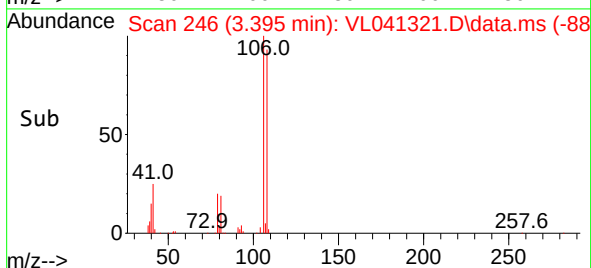
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

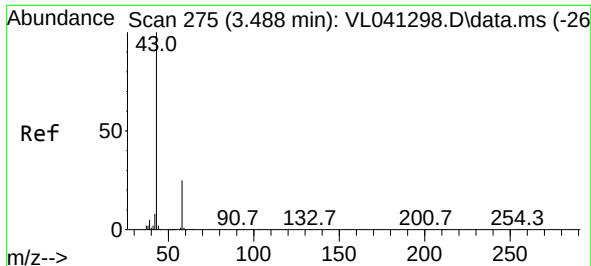


#14
Bromoethene
Concen: 9.689 ppbv
RT: 3.395 min Scan# 246
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27



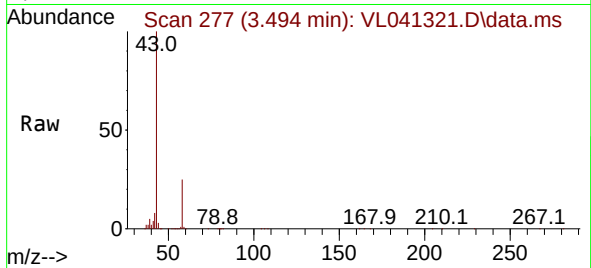
Tgt Ion:108 Resp: 392881
Ion Ratio Lower Upper
108 100
106 108.4 85.4 128.0
79 22.5 17.8 26.8





#15
Acetone
Concen: 9.248 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

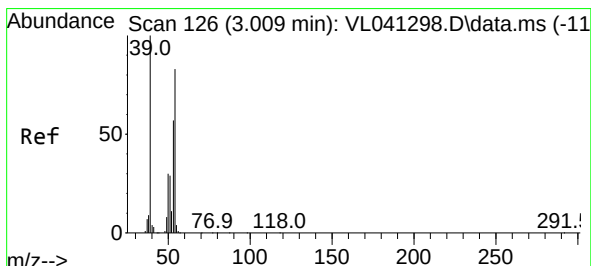
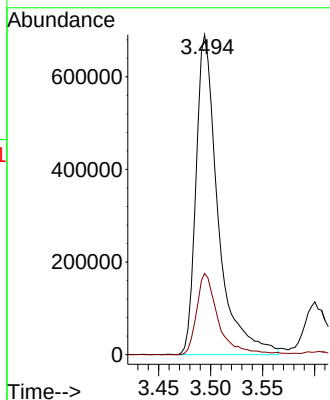
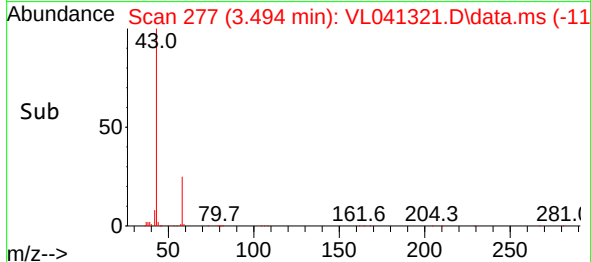
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



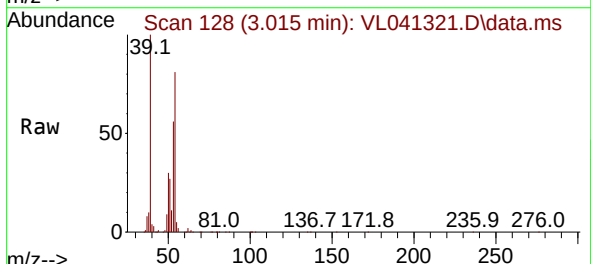
Tgt Ion: 43 Resp: 1020198
Ion Ratio Lower Upper
43 100
58 25.1 20.6 31.0

Manual Integrations
APPROVED

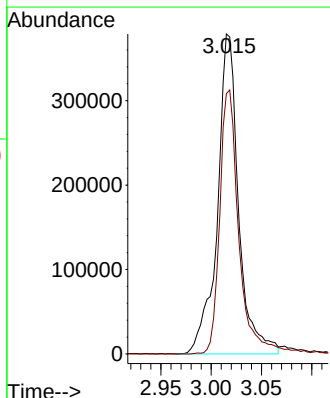
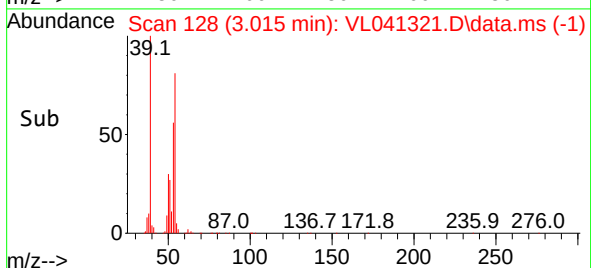
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

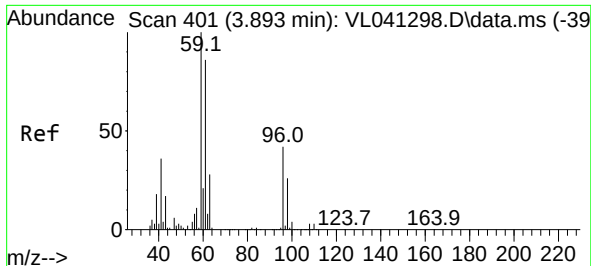


#16
1,3-Butadiene
Concen: 10.029 ppbv
RT: 3.015 min Scan# 128
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27



Tgt Ion: 39 Resp: 556190
Ion Ratio Lower Upper
39 100
54 75.3 60.5 90.7





#17

tert-Butyl alcohol

Concen: 9.893 ppbv

RT: 3.903 min Scan# 404

Delta R.T. 0.010 min

Lab File: VL041321.D

Acq: 5 Jun 2024 9:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 100485

Ion Ratio Lower Upper

59 100

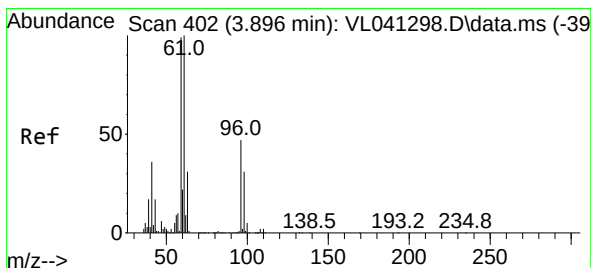
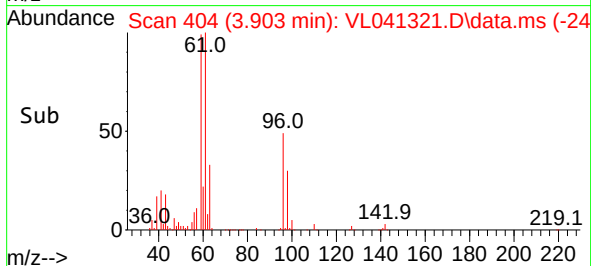
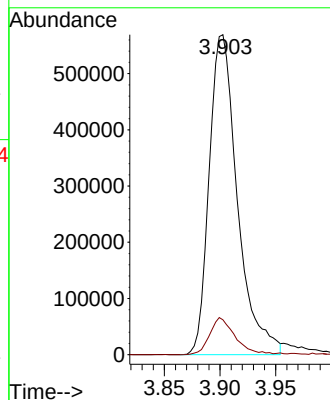
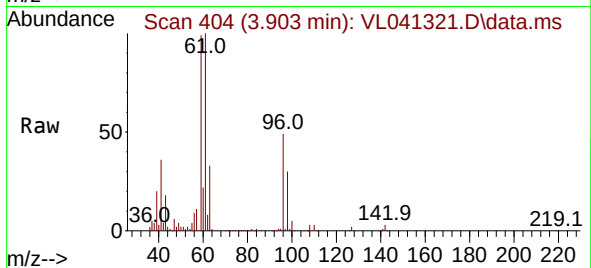
57 10.7 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#18

1,1-Dichloroethene

Concen: 10.010 ppbv

RT: 3.906 min Scan# 405

Delta R.T. 0.010 min

Lab File: VL041321.D

Acq: 5 Jun 2024 9:27

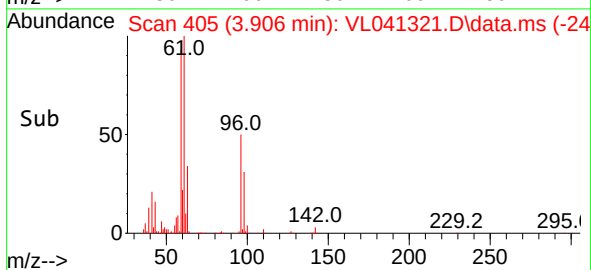
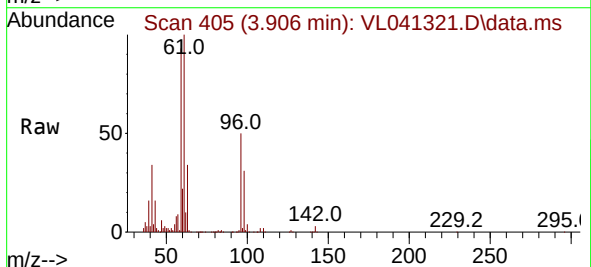
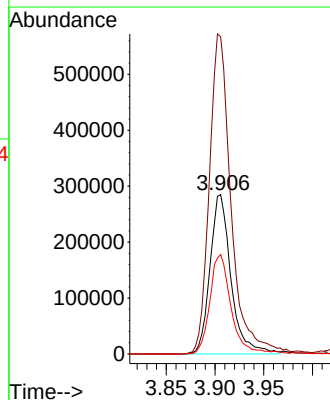
Tgt Ion: 96 Resp: 427819

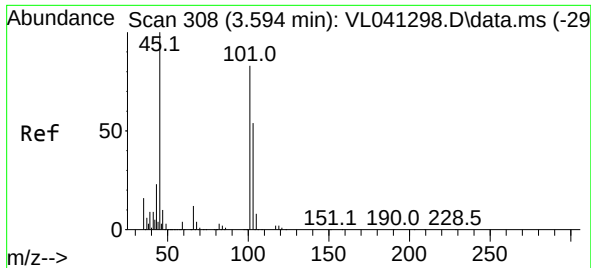
Ion Ratio Lower Upper

96 100

61 199.0 171.8 257.8

98 62.3 53.1 79.7





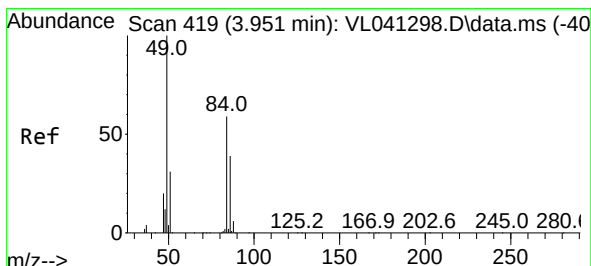
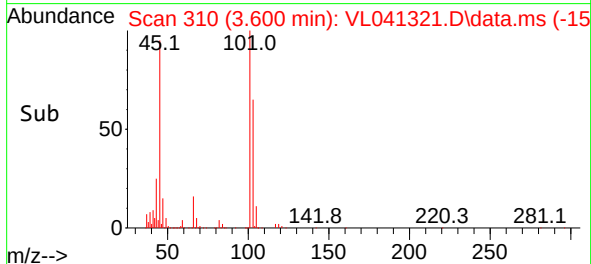
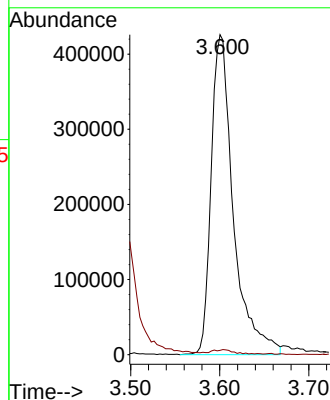
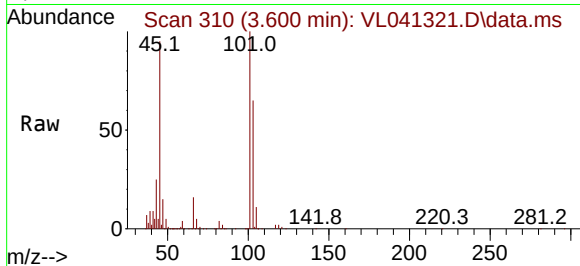
#19
Isopropyl Alcohol
Concen: 10.635 ppbv
RT: 3.600 min Scan# 310
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 737099
Ion Ratio Lower Upper
45 100
58 2.0 1.4 2.2

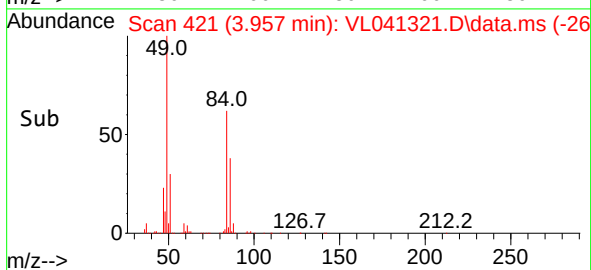
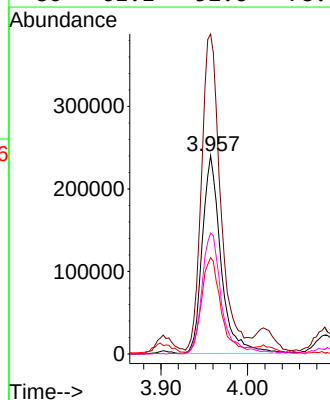
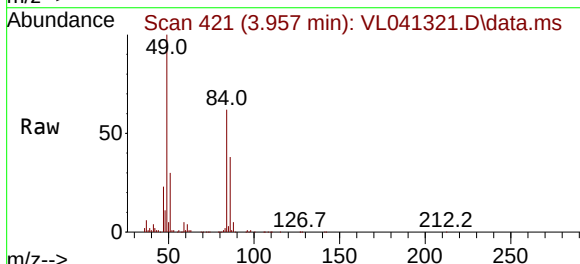
Manual Integrations
APPROVED

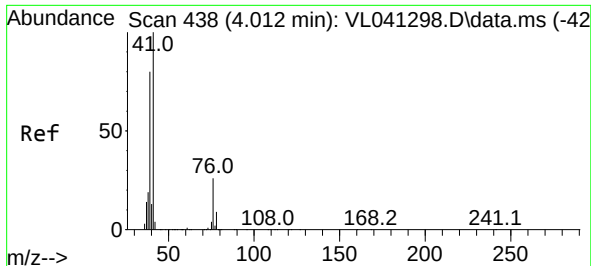
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#20
Methylene Chloride
Concen: 8.968 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

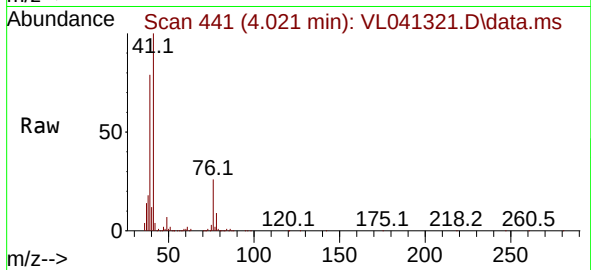
Tgt Ion: 84 Resp: 359580
Ion Ratio Lower Upper
84 100
49 159.2 136.2 204.2
51 47.7 41.9 62.9
86 61.1 52.6 78.8





#21
Allyl Chloride
Concen: 9.865 ppbv
RT: 4.021 min Scan# 441
Delta R.T. 0.010 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

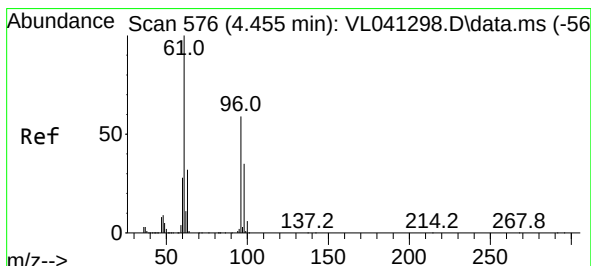
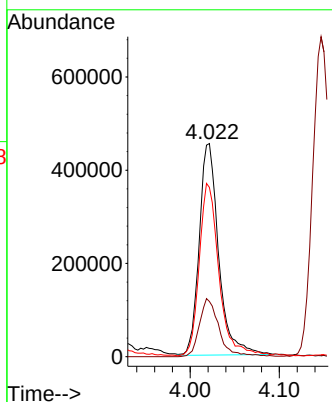
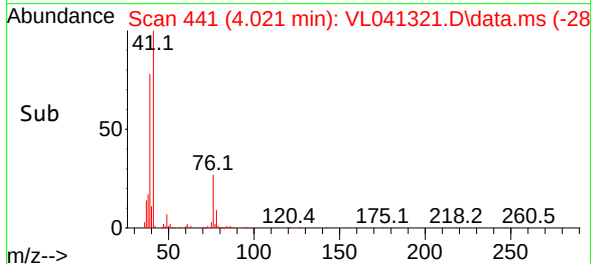
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



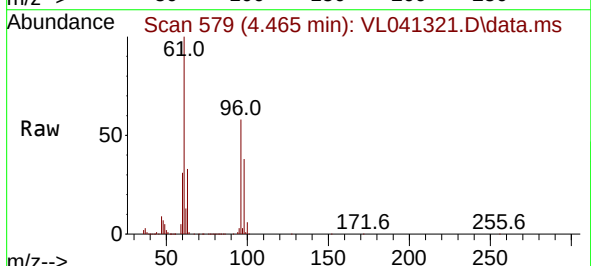
Tgt Ion: 41 Resp: 689490
Ion Ratio Lower Upper
41 100
76 27.9 22.3 33.5
39 83.2 66.3 99.5

Manual Integrations
APPROVED

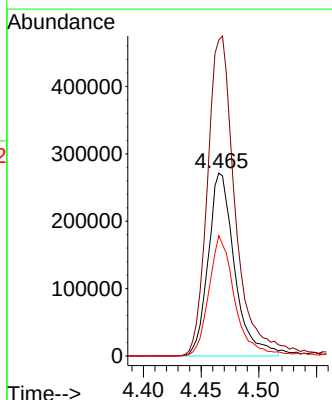
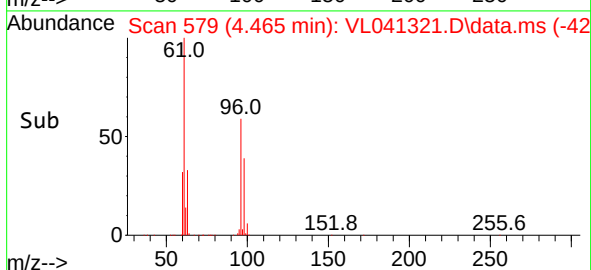
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

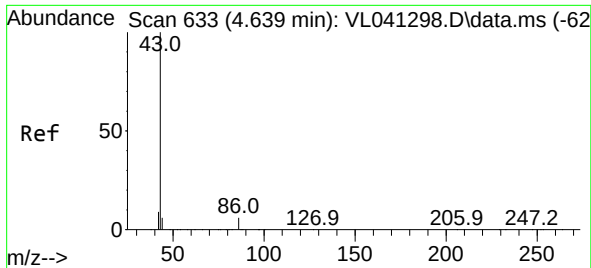


#22
trans-1,2-Dichloroethene
Concen: 9.663 ppbv
RT: 4.465 min Scan# 579
Delta R.T. 0.010 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27



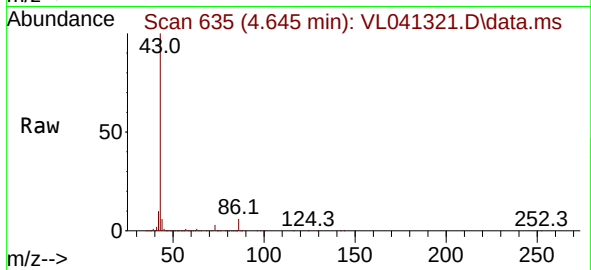
Tgt Ion: 96 Resp: 430394
Ion Ratio Lower Upper
96 100
61 172.7 135.5 203.3
98 65.8 47.6 71.4





#23
 Vinyl Acetate
 Concen: 10.548 ppbv
 RT: 4.645 min Scan# 616
 Delta R.T. 0.007 min
 Lab File: VL041321.D
 Acq: 5 Jun 2024 9:27

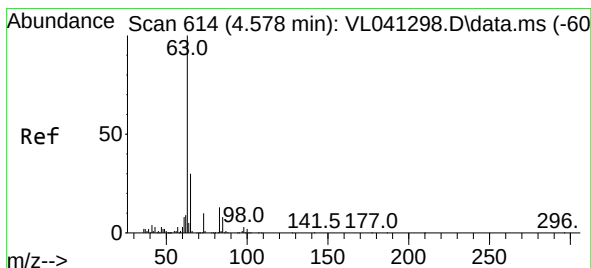
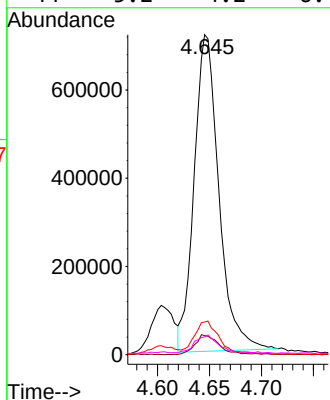
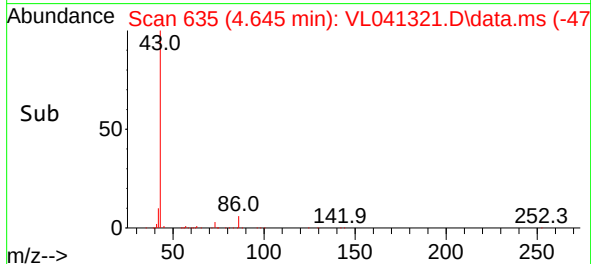
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



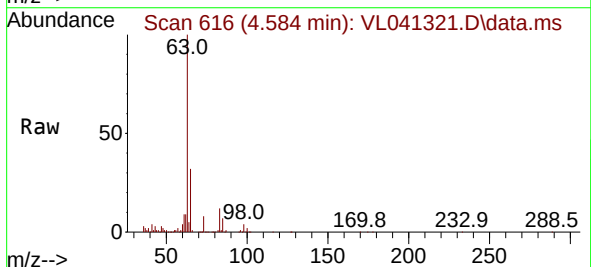
Tgt Ion: 43 Resp: 1190130
 Ion Ratio Lower Upper
 43 100
 86 6.0 4.7 7.1
 42 10.1 8.0 12.0
 44 5.2 4.2 6.4

Manual Integrations
 APPROVED

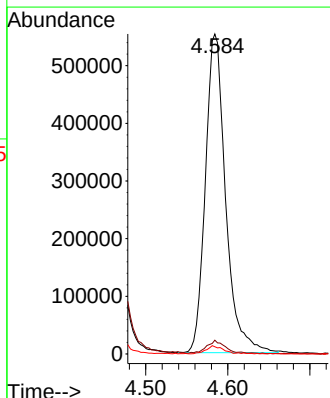
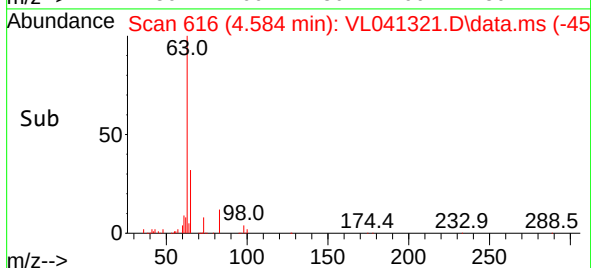
Reviewed By :Semsettin Yesilyurt 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024

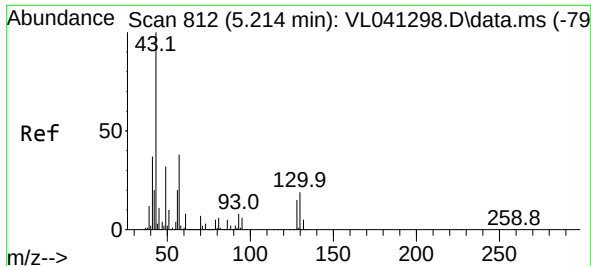


#24
 1,1-Dichloroethane
 Concen: 9.544 ppbv
 RT: 4.584 min Scan# 616
 Delta R.T. 0.007 min
 Lab File: VL041321.D
 Acq: 5 Jun 2024 9:27



Tgt Ion: 63 Resp: 947338
 Ion Ratio Lower Upper
 63 100
 98 4.1 1.9 5.7
 100 2.2 1.1 3.5





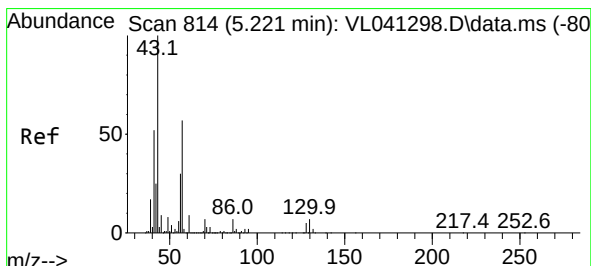
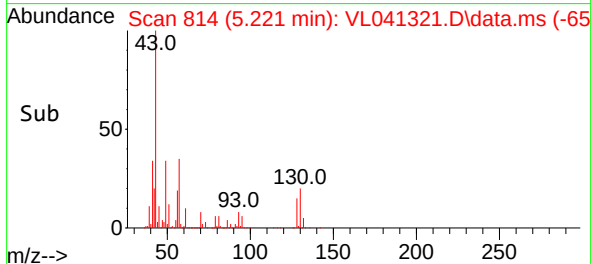
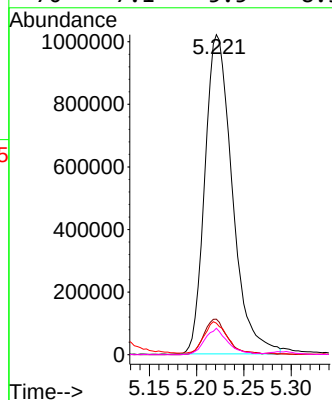
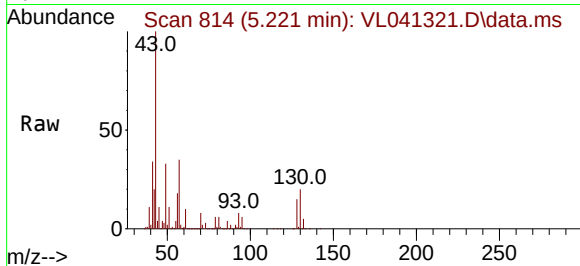
#25
Ethyl Acetate
Concen: 9.410 ppbv
RT: 5.221 min Scan# 813
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 205363
Ion Ratio Lower Upper
43 100
45 10.1 8.1 12.1
61 9.3 7.4 11.0
70 7.1 5.5 8.3

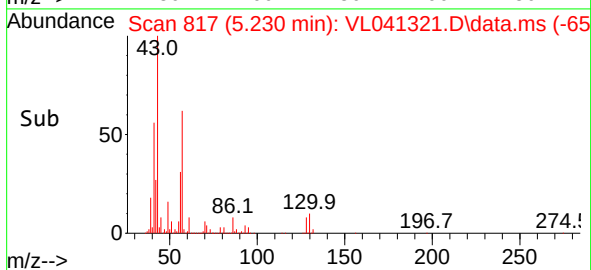
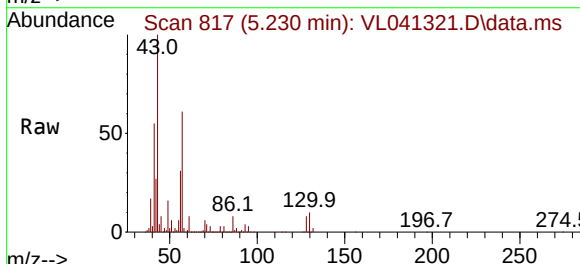
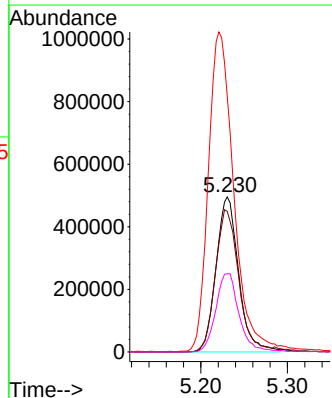
Manual Integrations
APPROVED

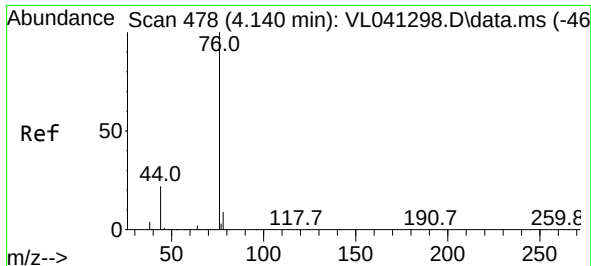
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#26
Hexane
Concen: 9.136 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.010 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

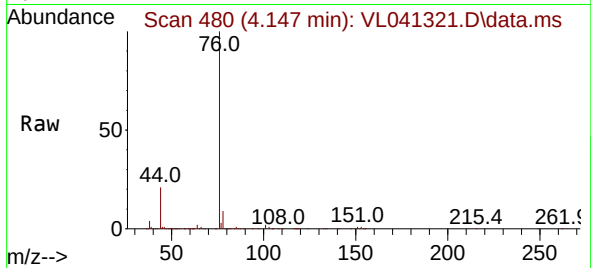
Tgt Ion: 57 Resp: 896703
Ion Ratio Lower Upper
57 100
41 96.8 77.1 115.7
43 234.9 186.1 279.1
56 52.7 42.9 64.3





#27
Carbon Disulfide
Concen: 10.318 ppbv
RT: 4.147 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

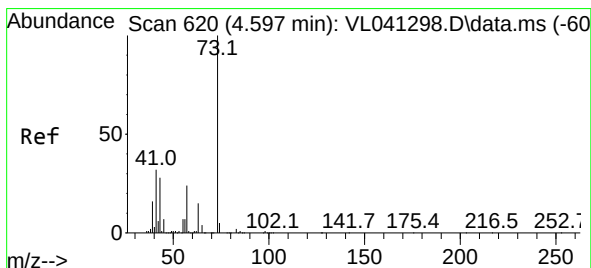
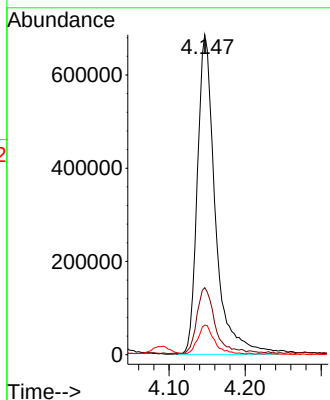
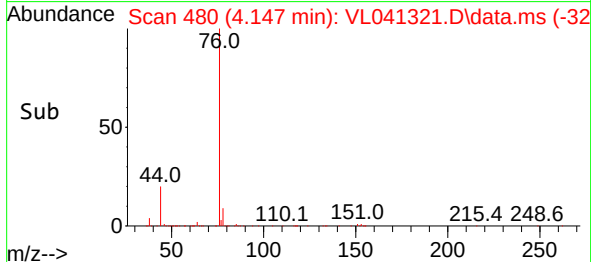
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



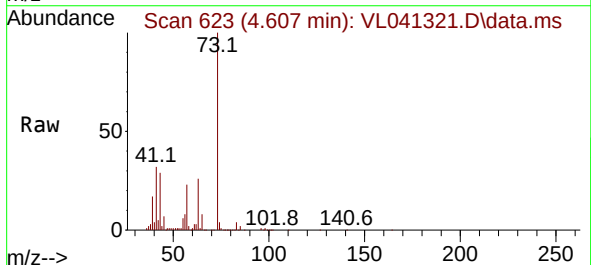
Tgt Ion: 76 Resp: 1121745
Ion Ratio Lower Upper
76 100
44 21.0 17.7 26.5
78 9.0 7.8 11.6

Manual Integrations
APPROVED

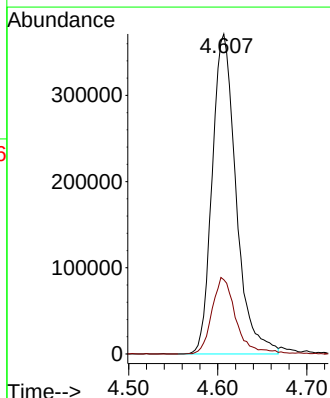
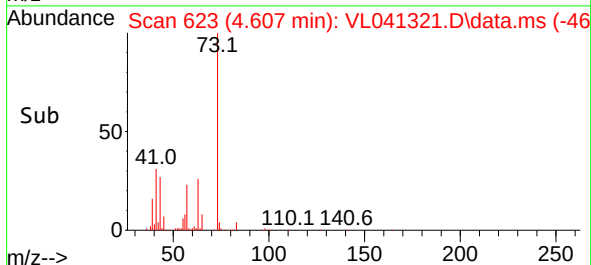
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

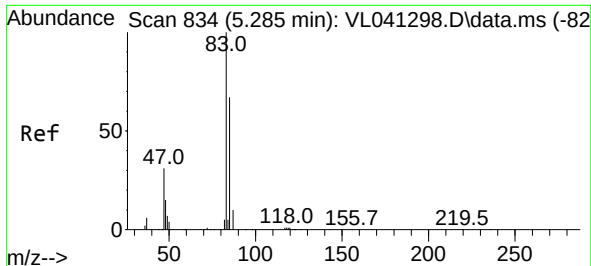


#28
Methyl tert-Butyl Ether
Concen: 9.524 ppbv
RT: 4.607 min Scan# 623
Delta R.T. 0.010 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27



Tgt Ion: 73 Resp: 692775
Ion Ratio Lower Upper
73 100
57 24.1 19.2 28.8





#29

Chloroform

Concen: 9.254 ppbv

RT: 5.292 min Scan# 81

Delta R.T. 0.007 min

Lab File: VL041321.D

Acq: 5 Jun 2024 9:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 1393550

Ion Ratio Lower Upper

83 100

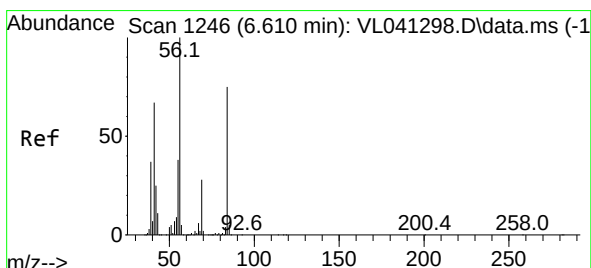
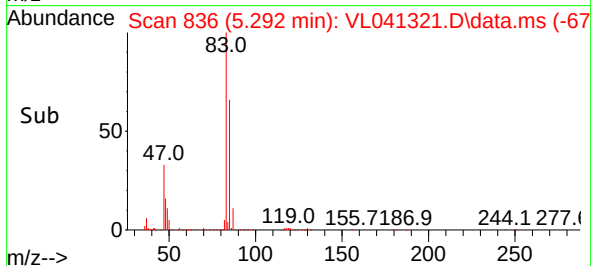
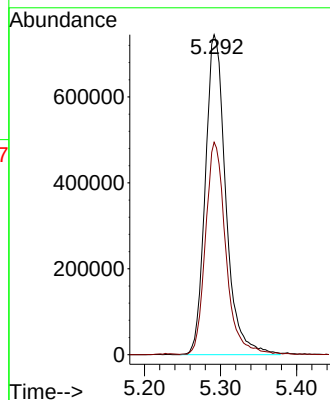
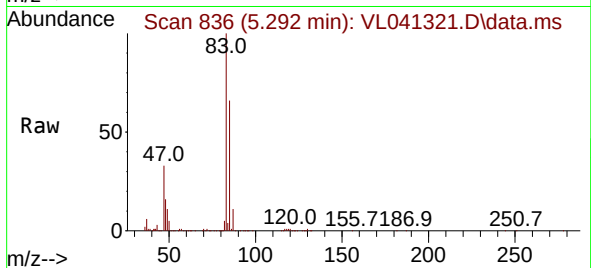
85 66.3 53.3 79.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#30

Cyclohexane

Concen: 9.439 ppbv

RT: 6.616 min Scan# 1248

Delta R.T. 0.007 min

Lab File: VL041321.D

Acq: 5 Jun 2024 9:27

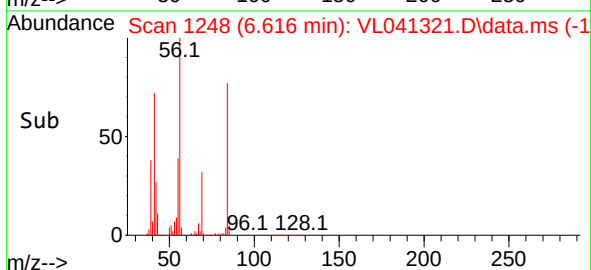
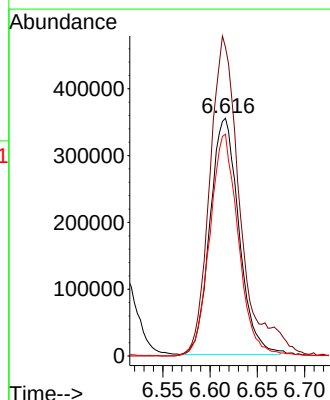
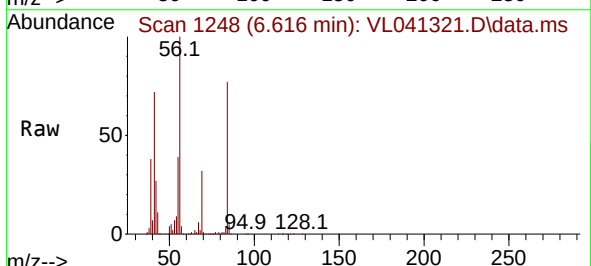
Tgt Ion: 84 Resp: 750935

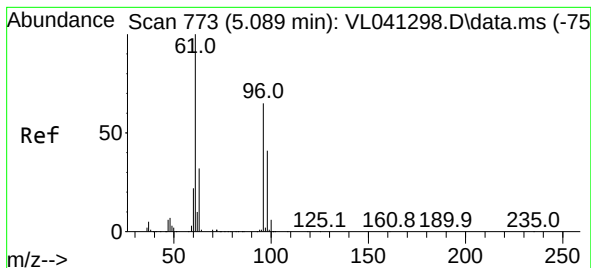
Ion Ratio Lower Upper

84 100

56 143.5 114.9 172.3

41 92.9 74.4 111.6





#31

cis-1,2-Dichloroethene

Concen: 9.724 ppbv

RT: 5.095 min Scan# 71

Delta R.T. 0.007 min

Lab File: VL041321.D

Acq: 5 Jun 2024 9:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 61 Resp: 90190

Ion Ratio Lower Upper

61 100

96 64.7 52.1 78.1

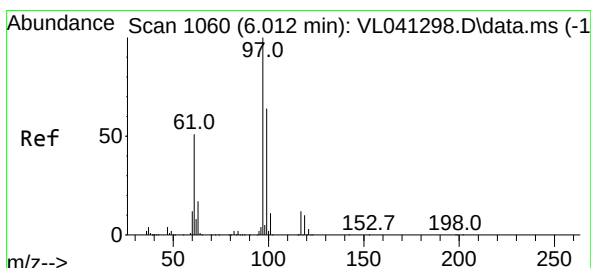
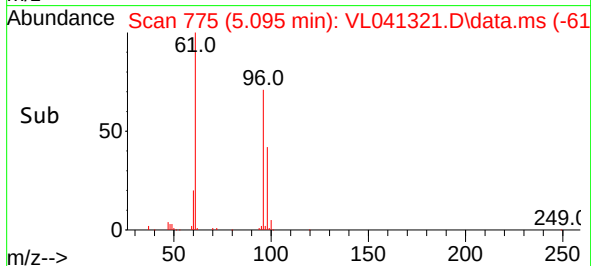
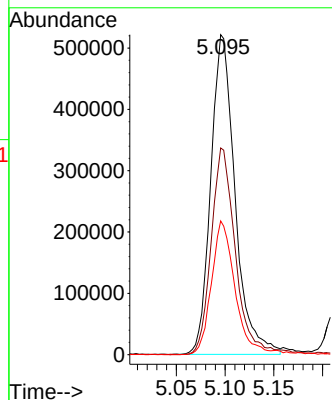
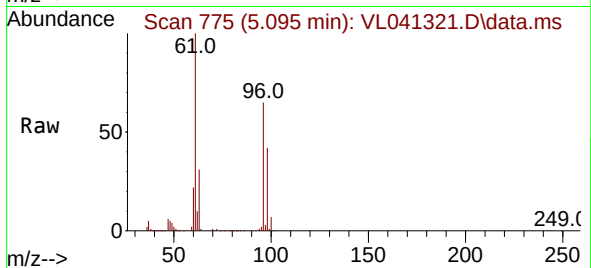
98 41.8 33.1 49.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#32

1,1,1-Trichloroethane

Concen: 9.697 ppbv

RT: 6.018 min Scan# 1062

Delta R.T. 0.007 min

Lab File: VL041321.D

Acq: 5 Jun 2024 9:27

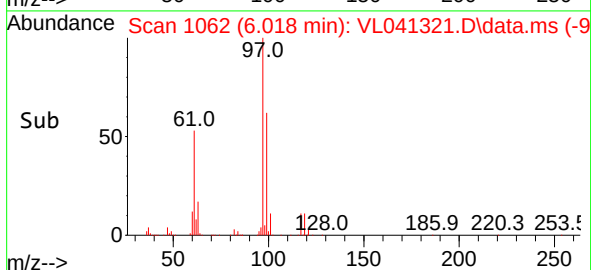
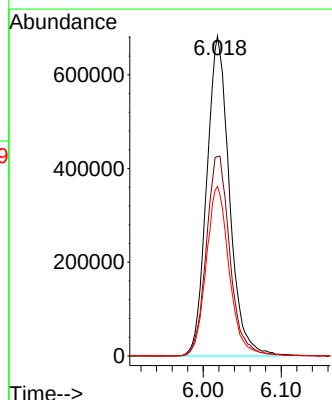
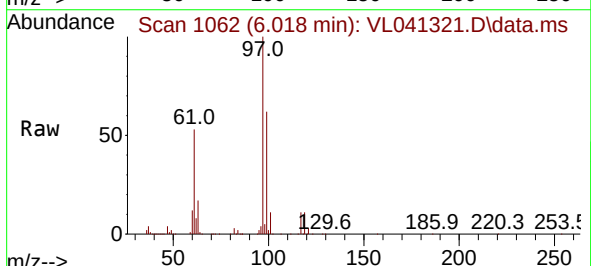
Tgt Ion: 97 Resp: 1383132

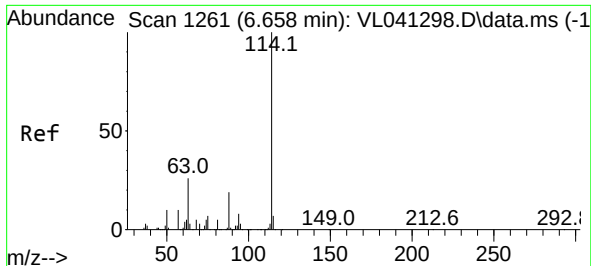
Ion Ratio Lower Upper

97 100

99 65.1 51.9 77.9

61 54.3 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 114

Delta R.T. 0.010 min

Lab File: VL041321.D

Acq: 5 Jun 2024 9:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 249871

Ion Ratio Lower Upper

114 100

63 25.8 20.6 30.8

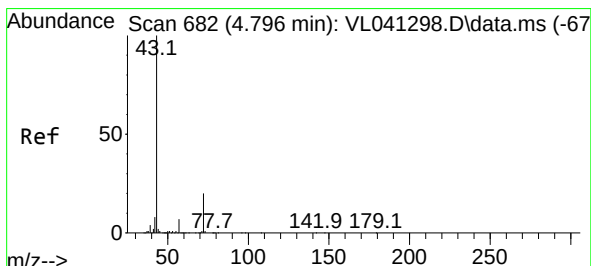
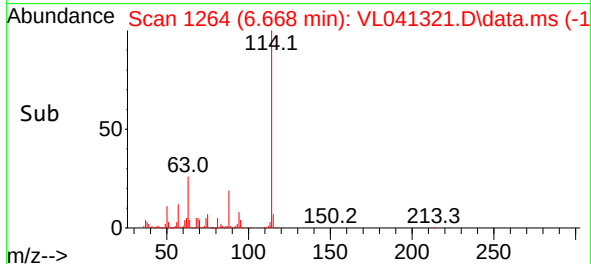
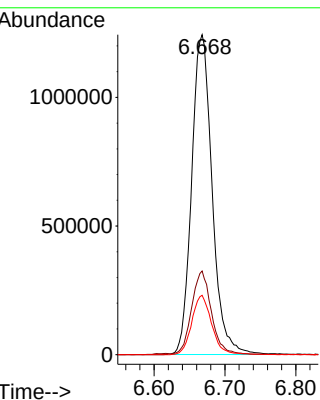
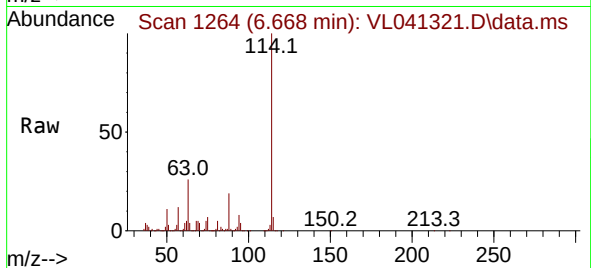
88 18.1 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#34

2-Butanone

Concen: 9.477 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.007 min

Lab File: VL041321.D

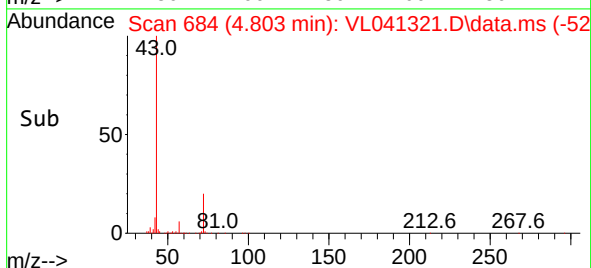
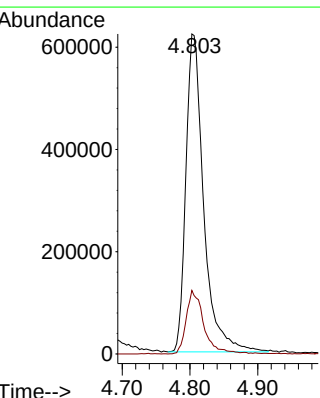
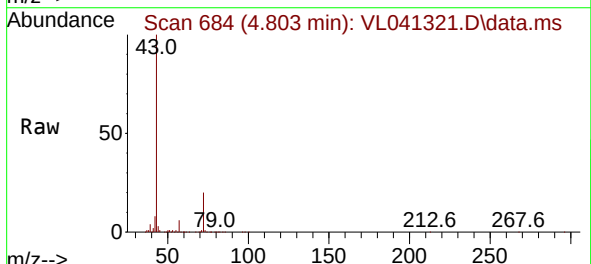
Acq: 5 Jun 2024 9:27

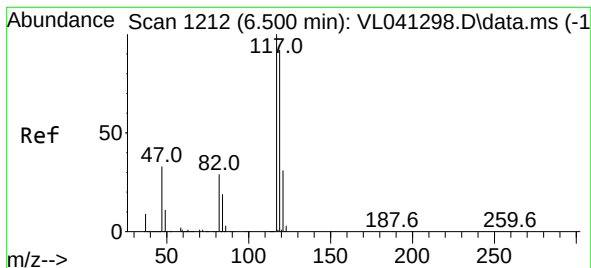
Tgt Ion: 43 Resp: 1134434

Ion Ratio Lower Upper

43 100

72 20.0 17.4 26.0





#35

Carbon Tetrachloride

Concen: 10.031 ppbv

RT: 6.507 min Scan# 117

Delta R.T. 0.007 min

Lab File: VL041321.D

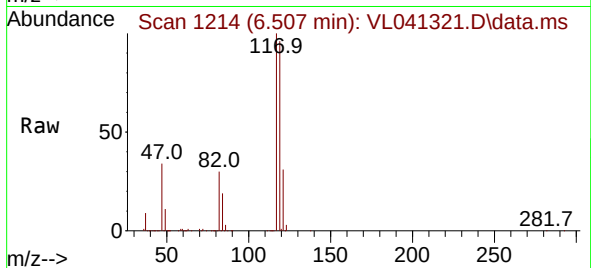
Acq: 5 Jun 2024 9:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:117 Resp: 142457

Ion Ratio Lower Upper

117 100

119 95.9 74.0 111.0

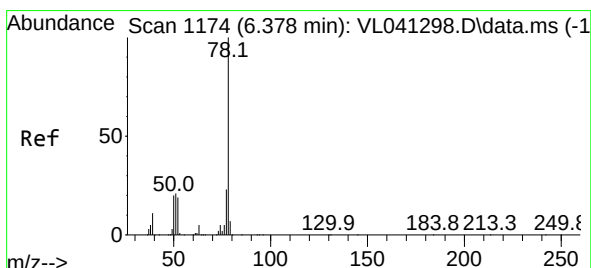
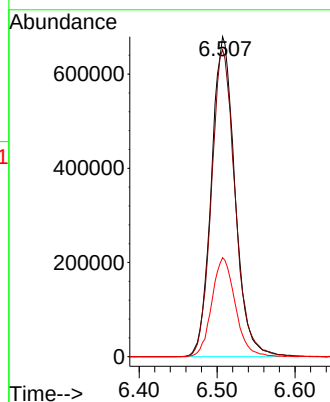
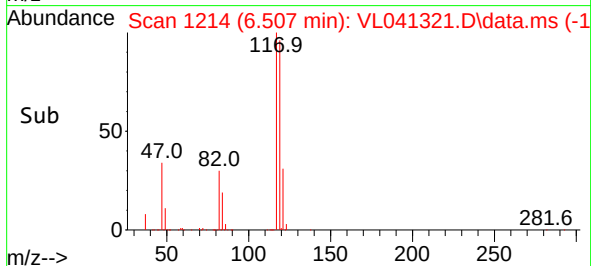
121 31.0 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#36

Benzene

Concen: 9.800 ppbv

RT: 6.385 min Scan# 1176

Delta R.T. 0.007 min

Lab File: VL041321.D

Acq: 5 Jun 2024 9:27

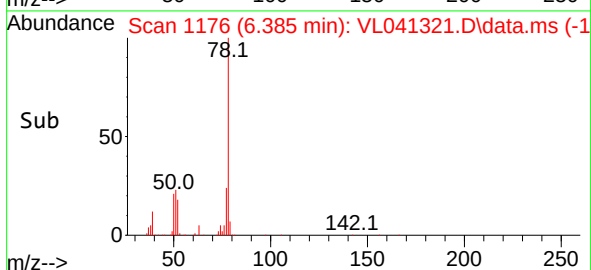
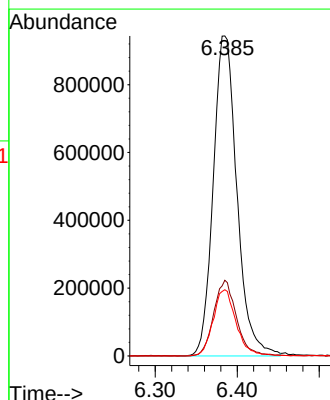
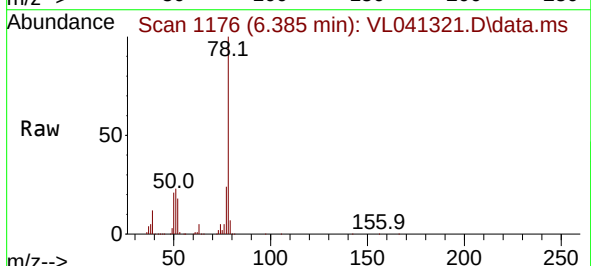
Tgt Ion: 78 Resp: 1897917

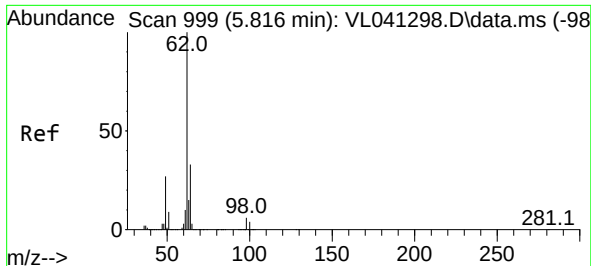
Ion Ratio Lower Upper

78 100

77 23.6 18.6 28.0

50 20.7 16.0 24.0





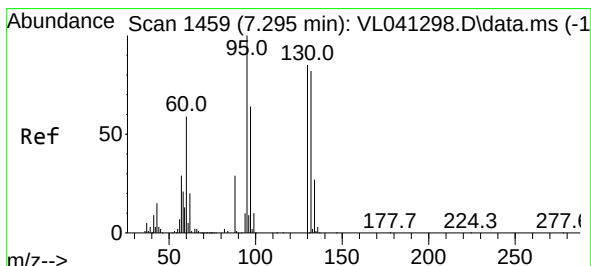
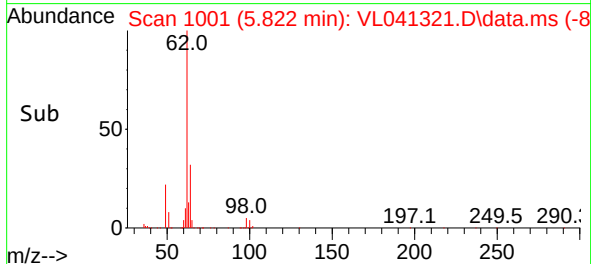
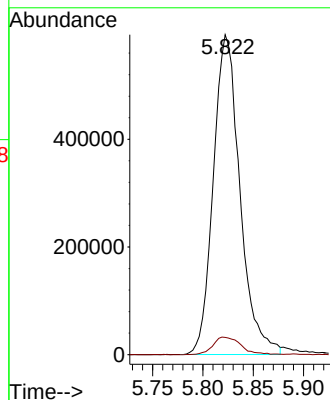
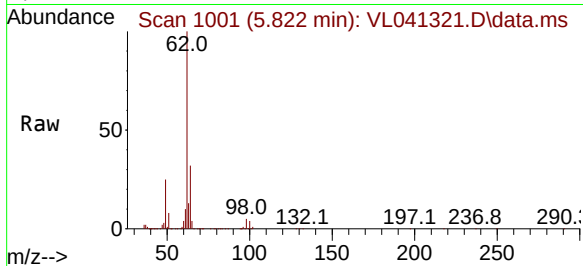
#37
1,2-Dichloroethane
Concen: 9.697 ppbv
RT: 5.822 min Scan# 1001
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 109491
Ion Ratio Lower Upper
62 100
98 6.1 4.8 7.2

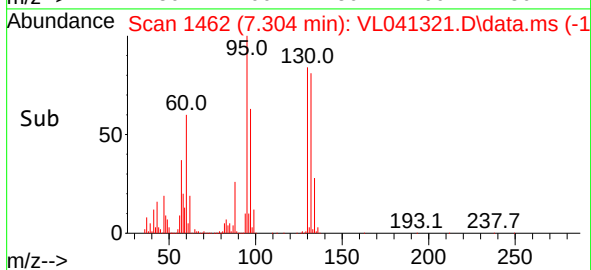
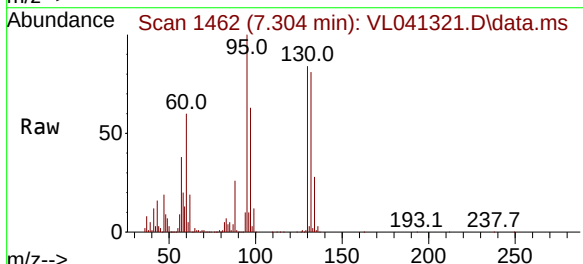
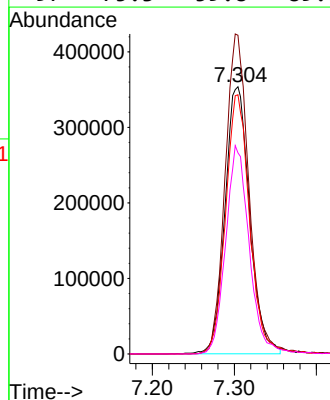
Manual Integrations
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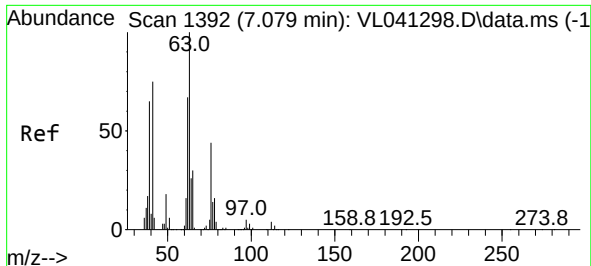
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#38
Trichloroethene
Concen: 9.417 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.010 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

Tgt Ion:130 Resp: 739155
Ion Ratio Lower Upper
130 100
95 119.3 94.0 141.0
132 97.1 76.7 115.1
97 75.3 59.8 89.8





#39

1,2-Dichloropropane

Concen: 9.606 ppbv

RT: 7.086 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL041321.D

Acq: 5 Jun 2024 9:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 740800

Ion Ratio Lower Upper

63 100

41 75.3 59.9 89.9

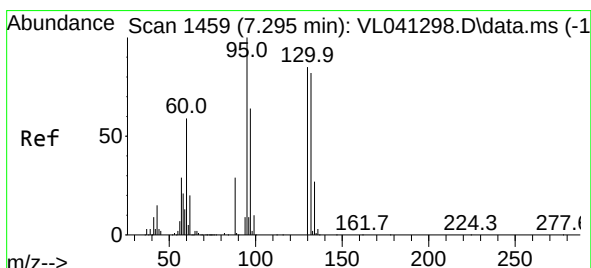
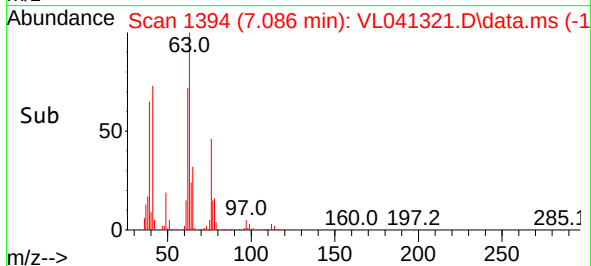
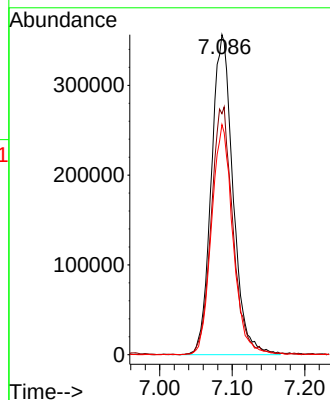
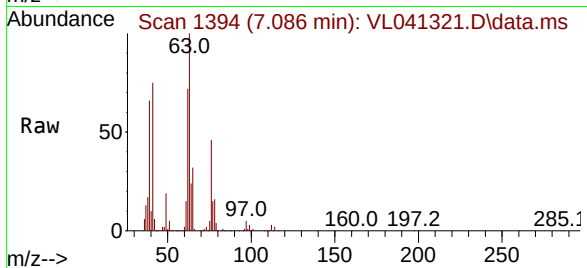
62 71.9 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#40

1,4-Dioxane

Concen: 10.438 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VL041321.D

Acq: 5 Jun 2024 9:27

Tgt Ion: 88 Resp: 294809

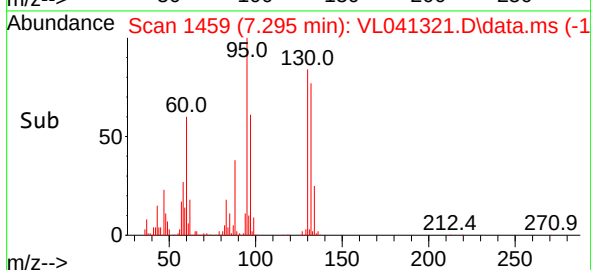
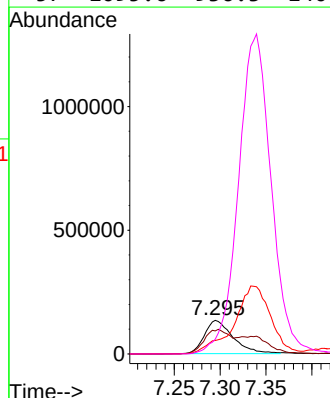
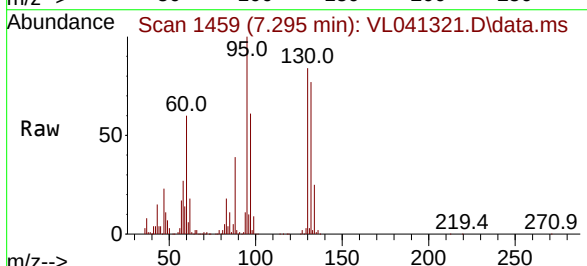
Ion Ratio Lower Upper

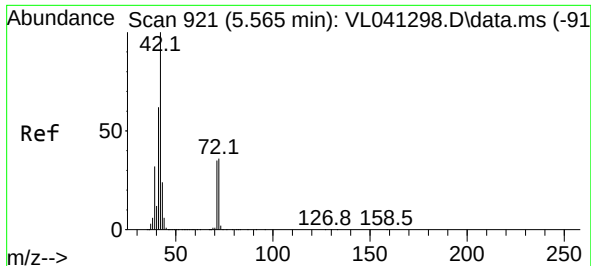
88 100

58 125.8 107.5 161.3

43 260.7 221.8 332.6

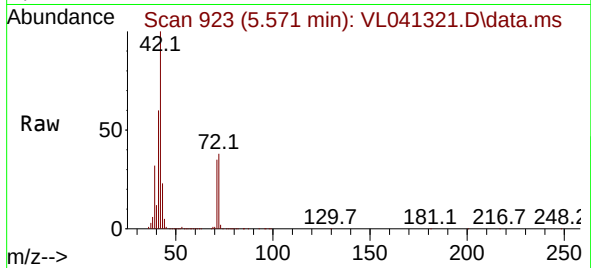
57 1095.6 936.3 1404.5





#41
Tetrahydrofuran
Concen: 10.441 ppbv
RT: 5.571 min Scan# 91
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

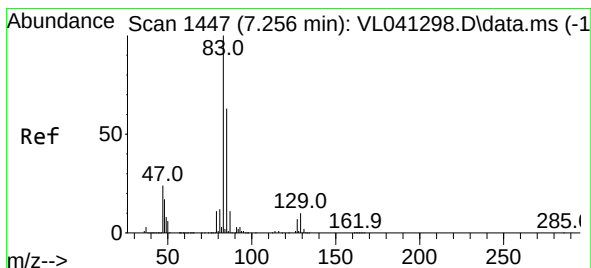
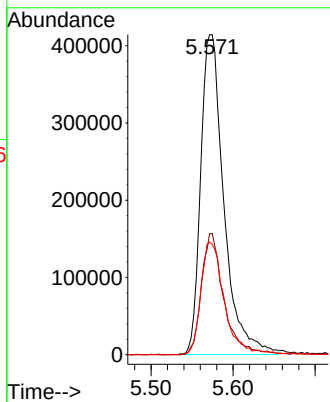
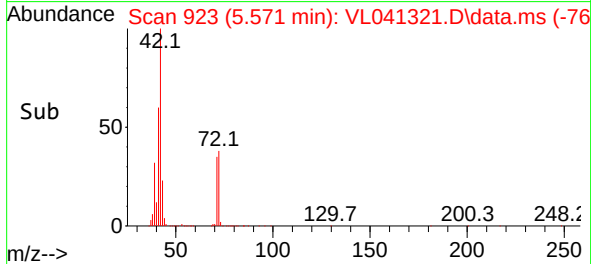
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



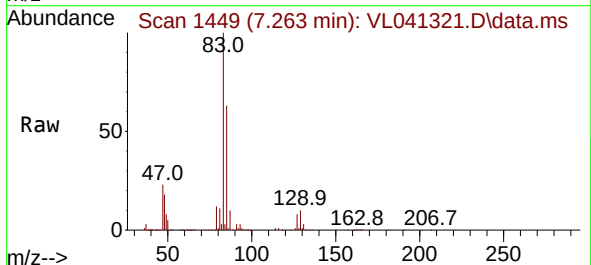
Tgt Ion: 42 Resp: 813248
Ion Ratio Lower Upper
42 100
72 36.7 30.2 45.4
71 36.0 30.3 45.5

Manual Integrations
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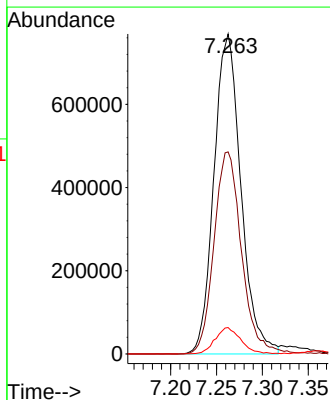
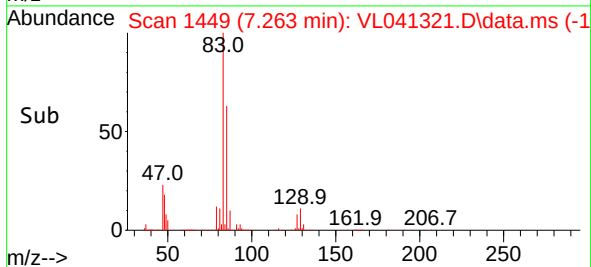
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

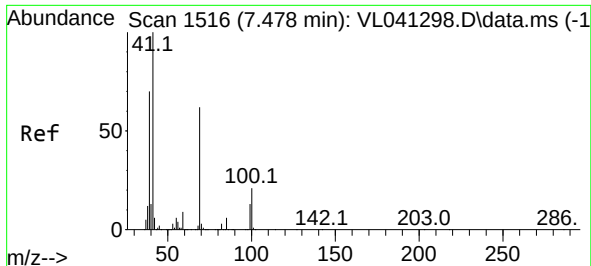


#42
Bromodichloromethane
Concen: 9.713 ppbv
RT: 7.263 min Scan# 1449
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27



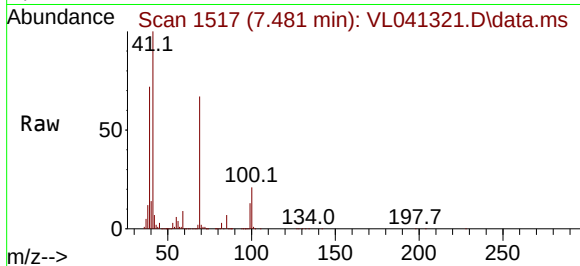
Tgt Ion: 83 Resp: 1575141
Ion Ratio Lower Upper
83 100
85 63.1 50.6 75.8
127 8.3 5.6 8.4





#43
Methyl Methacrylate
Concen: 10.538 ppbv
RT: 7.481 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

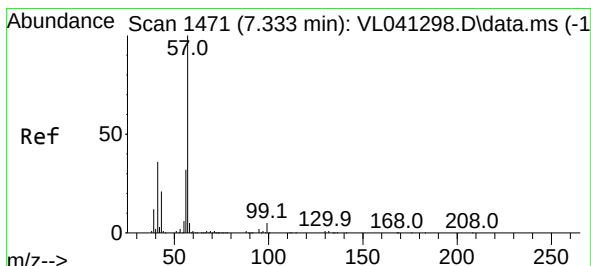
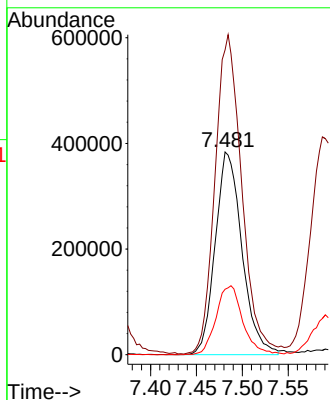
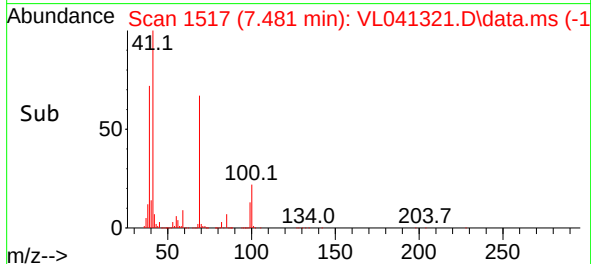
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 777630
Ion Ratio Lower Upper
69 100
41 158.7 125.8 188.6
100 33.9 27.0 40.6

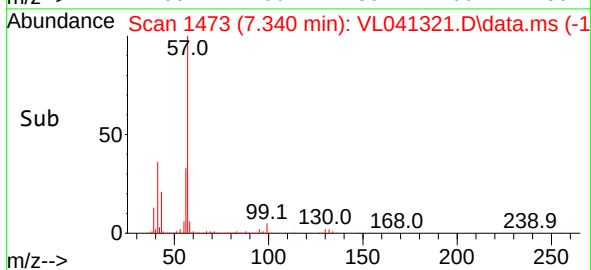
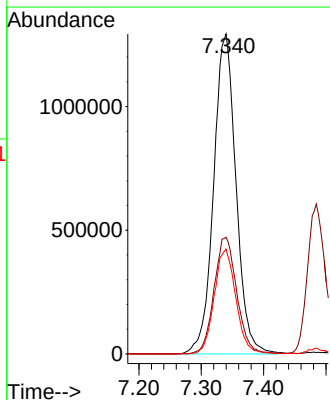
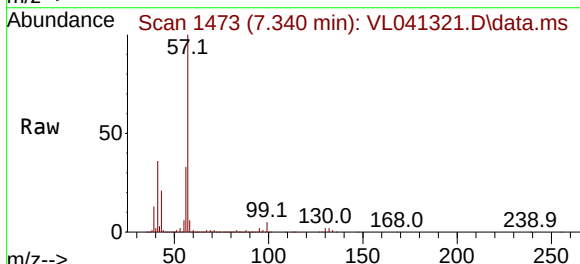
Manual Integrations
APPROVED

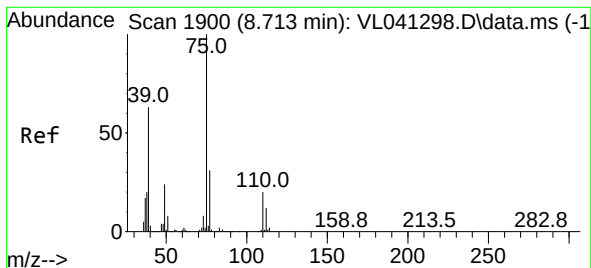
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#44
2,2,4-Trimethylpentane
Concen: 9.677 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

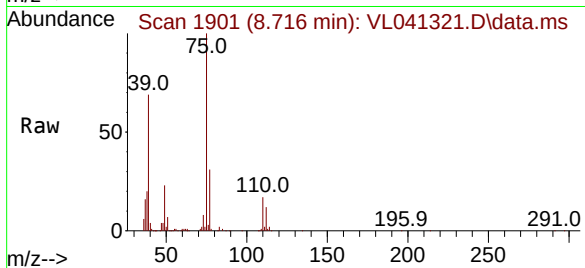
Tgt Ion: 57 Resp: 3223439
Ion Ratio Lower Upper
57 100
41 37.1 29.4 44.2
56 31.7 25.0 37.4





#45
 t-1,3-Dichloropropene
 Concen: 11.341 ppbv
 RT: 8.716 min Scan# 1900
 Delta R.T. 0.003 min
 Lab File: VL041321.D
 Acq: 5 Jun 2024 9:27

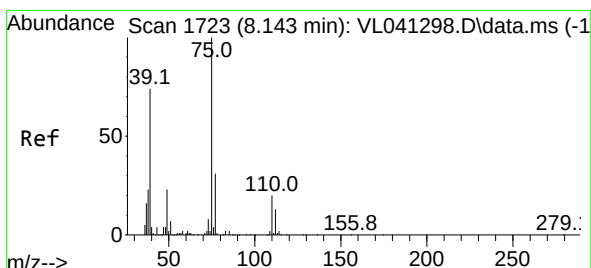
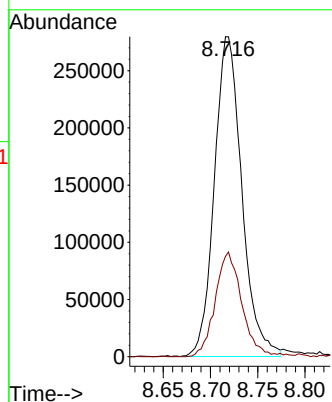
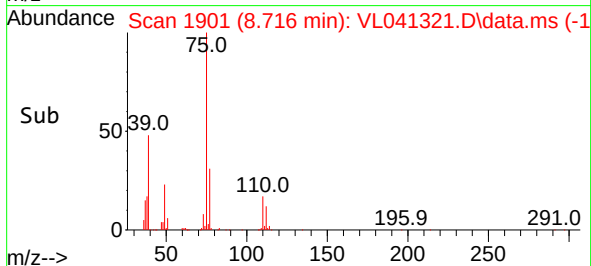
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



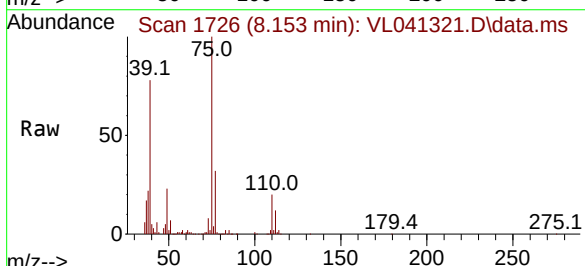
Tgt Ion: 75 Resp: 56473
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.7 37.1

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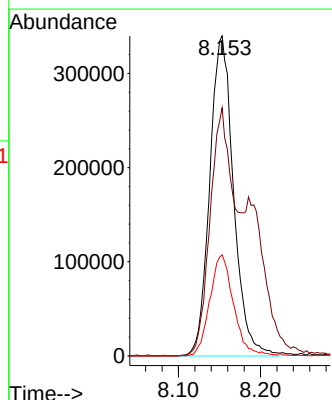
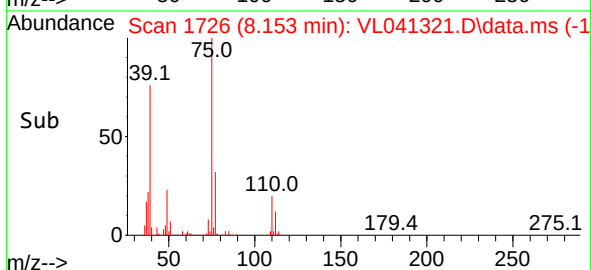
Reviewed By :Semsettin Yesilyurt 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024

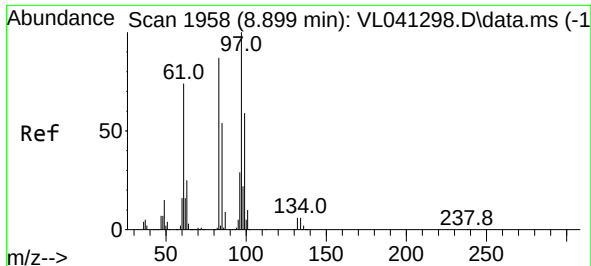


#46
 cis-1,3-Dichloropropene
 Concen: 10.702 ppbv
 RT: 8.153 min Scan# 1726
 Delta R.T. 0.010 min
 Lab File: VL041321.D
 Acq: 5 Jun 2024 9:27



Tgt Ion: 75 Resp: 685986
 Ion Ratio Lower Upper
 75 100
 39 77.4 59.2 88.8
 77 31.5 25.0 37.6





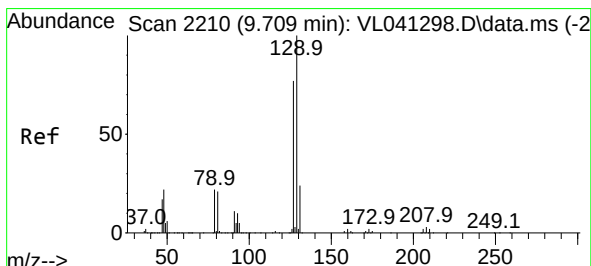
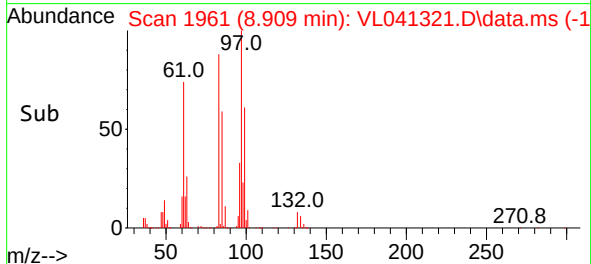
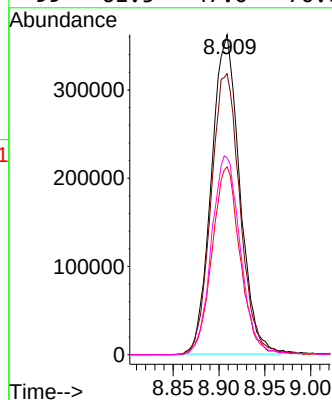
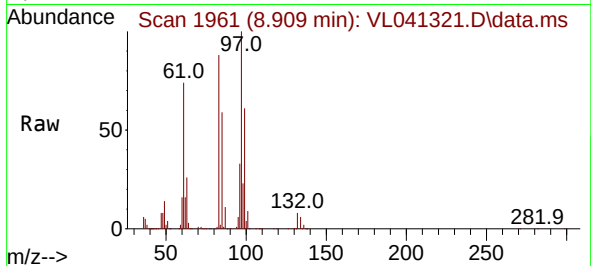
#47
1,1,2-Trichloroethane
Concen: 9.634 ppbv
RT: 8.909 min Scan# 1958
Delta R.T. 0.010 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 776394
Ion Ratio Lower Upper
97 100
83 87.8 69.7 104.5
85 58.7 43.1 64.7
99 61.5 47.0 70.6

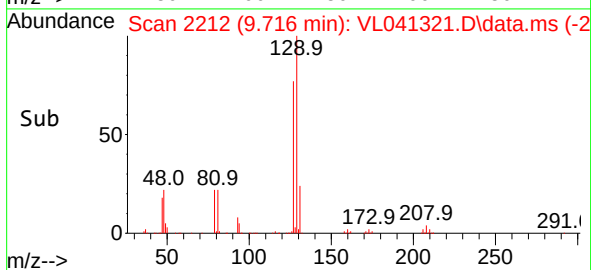
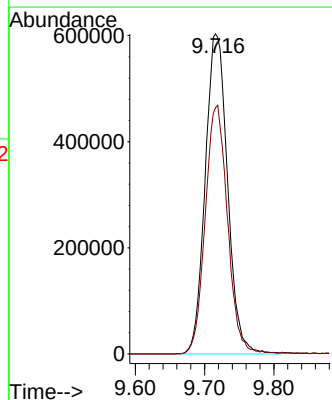
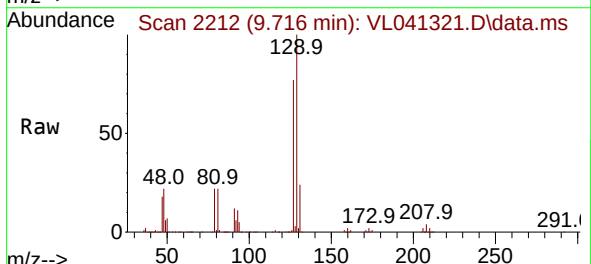
Manual Integrations
APPROVED

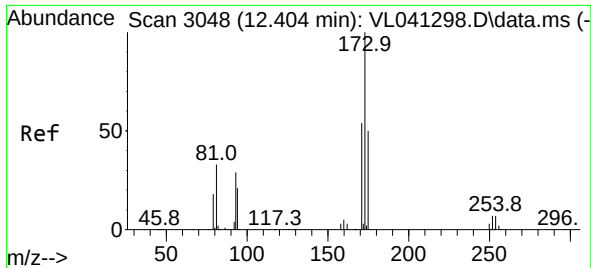
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#48
Dibromochloromethane
Concen: 10.164 ppbv
RT: 9.716 min Scan# 2212
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

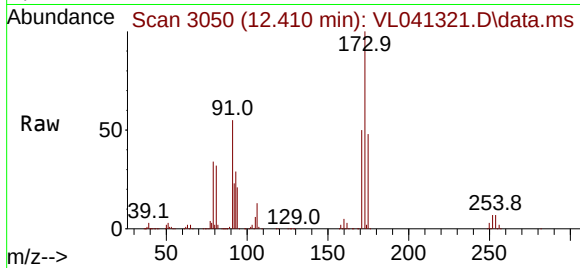
Tgt Ion:129 Resp: 1349922
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.5





#49
Bromoform
Concen: 10.418 ppbv
RT: 12.410 min Scan# 3048
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

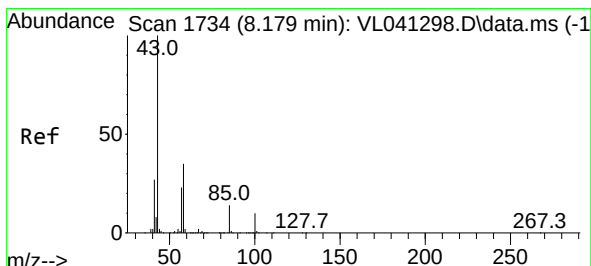
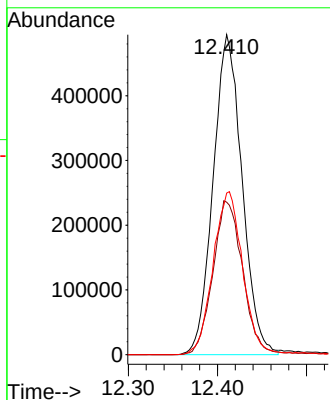
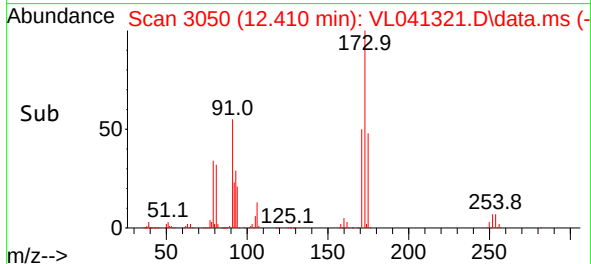
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:173 Resp: 111500
Ion Ratio Lower Upper
173 100
175 49.7 39.9 59.9
171 52.5 42.6 63.8

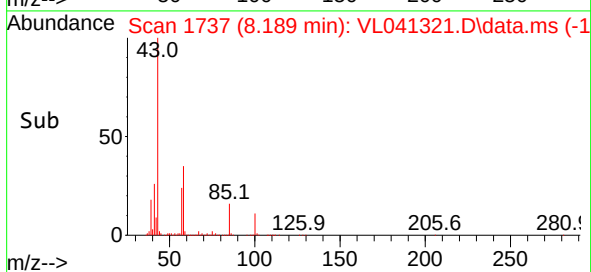
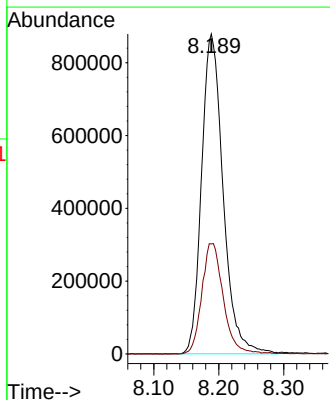
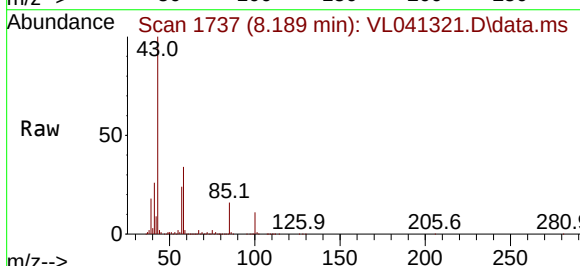
Manual Integrations
APPROVED

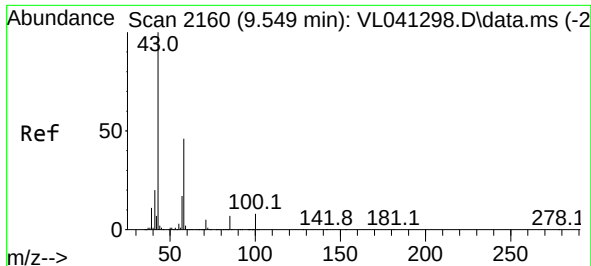
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#50
4-Methyl-2-Pentanone
Concen: 10.226 ppbv
RT: 8.189 min Scan# 1737
Delta R.T. 0.010 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

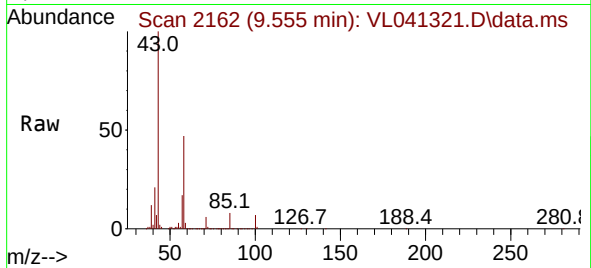
Tgt Ion: 43 Resp: 2026237
Ion Ratio Lower Upper
43 100
58 34.6 27.7 41.5





#51
2-Hexanone
Concen: 10.582 ppbv
RT: 9.555 min Scan# 2160
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

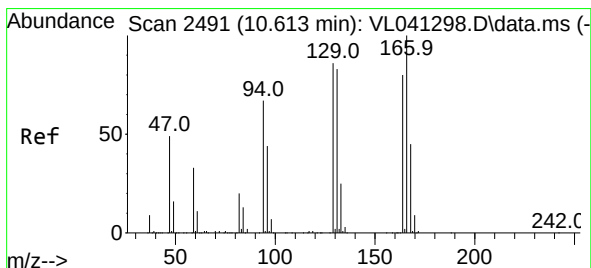
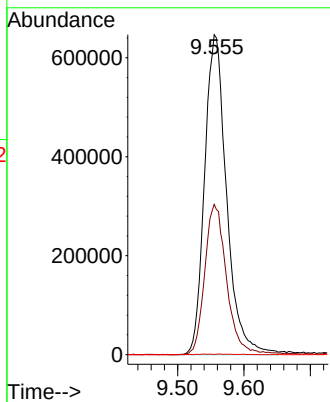
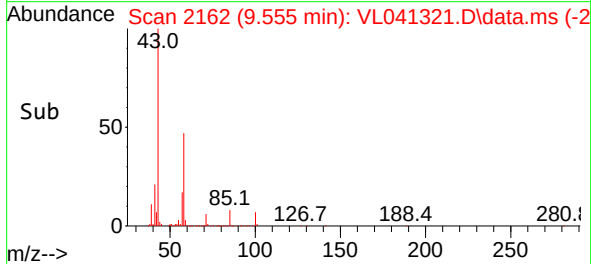
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



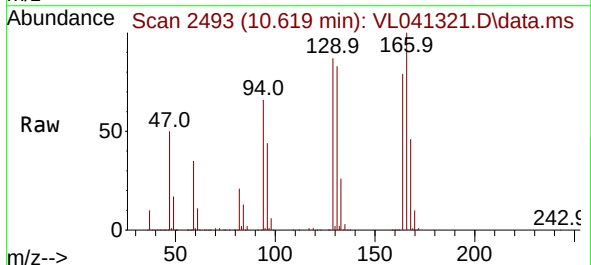
Tgt Ion: 43 Resp: 149041
Ion Ratio Lower Upper
43 100
58 47.1 37.4 56.0
98 0.3 0.2 0.4

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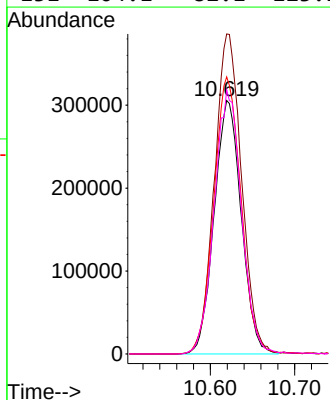
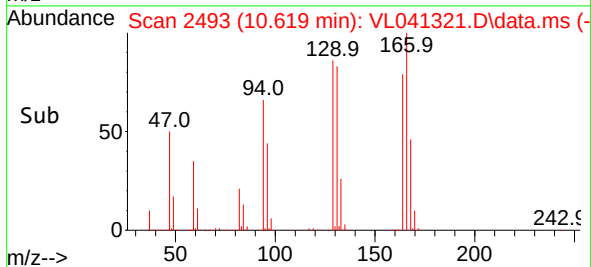
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

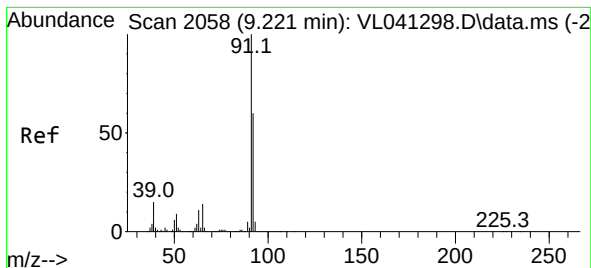


#52
Tetrachloroethene
Concen: 9.623 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27



Tgt Ion:164 Resp: 679660
Ion Ratio Lower Upper
164 100
166 126.2 99.4 149.0
129 109.2 85.4 128.2
131 104.1 82.1 123.1





#53

Toluene

Concen: 10.040 ppbv

RT: 9.227 min Scan# 2058

Delta R.T. 0.007 min

Lab File: VL041321.D

Acq: 5 Jun 2024 9:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 223668

Ion Ratio Lower Upper

91 100

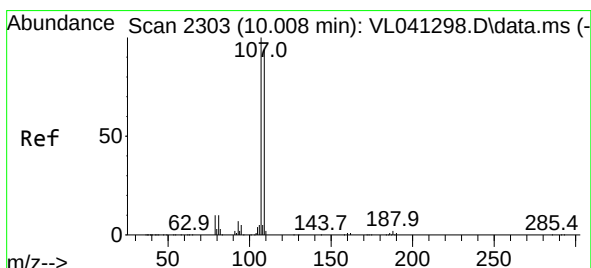
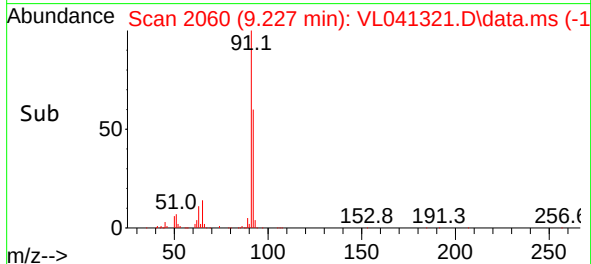
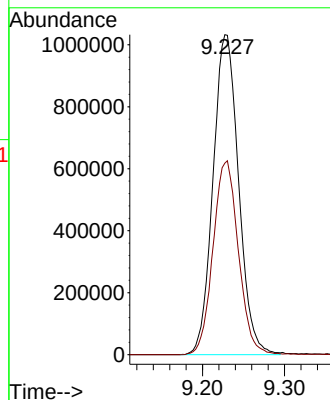
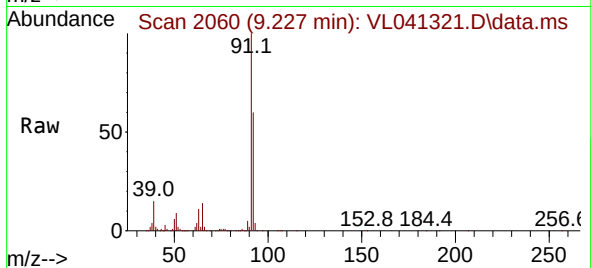
92 60.3 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#54

1,2-Dibromoethane

Concen: 10.435 ppbv

RT: 10.015 min Scan# 2305

Delta R.T. 0.007 min

Lab File: VL041321.D

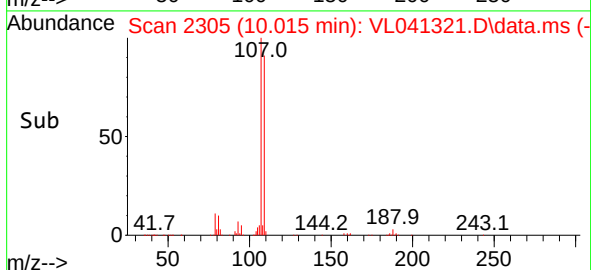
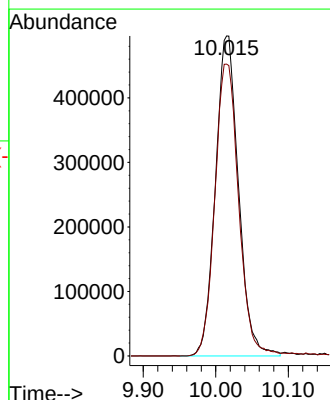
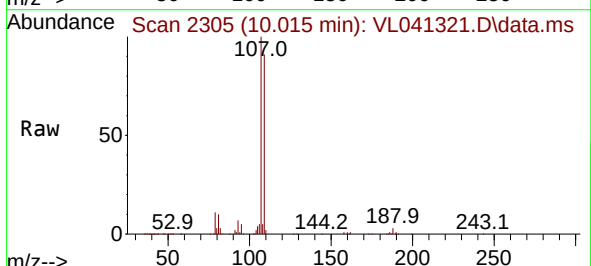
Acq: 5 Jun 2024 9:27

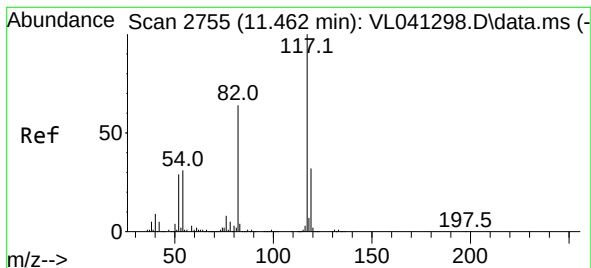
Tgt Ion:107 Resp: 1096385

Ion Ratio Lower Upper

107 100

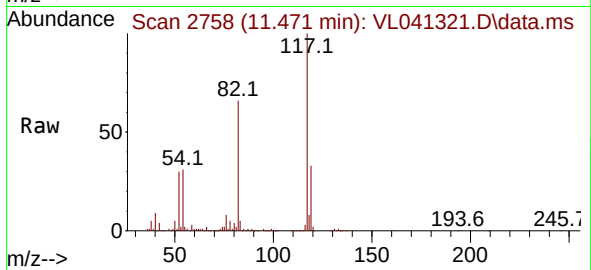
109 91.2 75.0 112.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.471 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

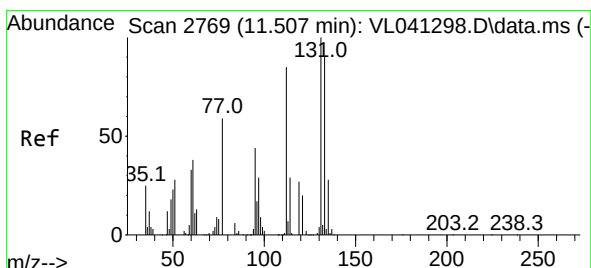
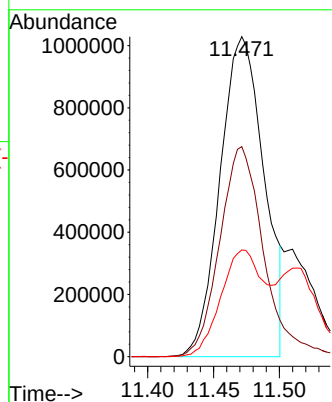
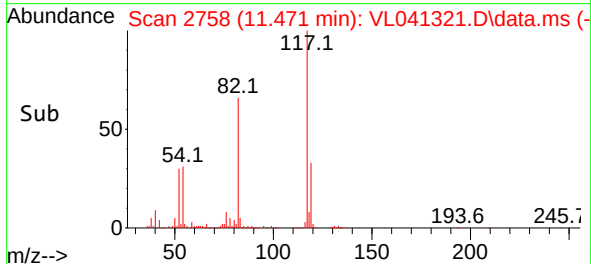
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



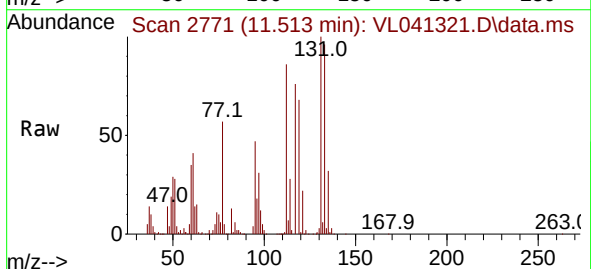
Tgt Ion:117 Resp: 238738
Ion Ratio Lower Upper
117 100
82 66.4 52.3 78.5
119 34.6 26.2 39.2

Manual Integrations
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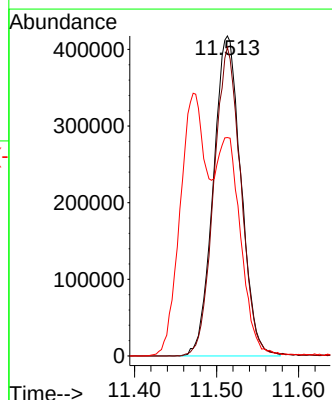
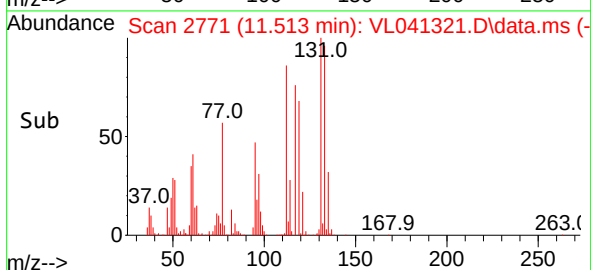
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

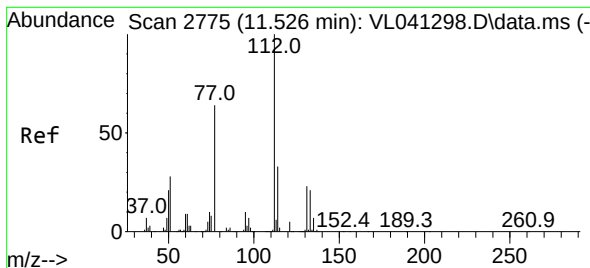


#56
1,1,1,2-Tetrachloroethane
Concen: 9.678 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27



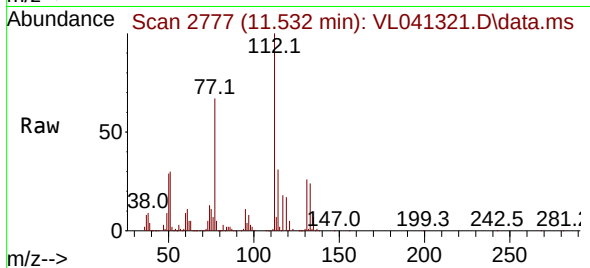
Tgt Ion:131 Resp: 977266
Ion Ratio Lower Upper
131 100
133 95.1 75.8 113.6
119 58.2 48.3 72.5





#57
Chlorobenzene
Concen: 9.633 ppbv
RT: 11.532 min Scan# 211
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

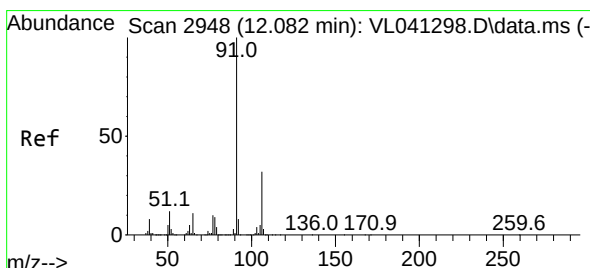
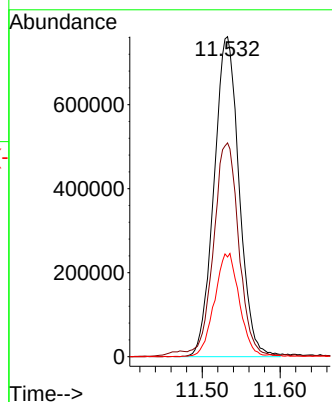
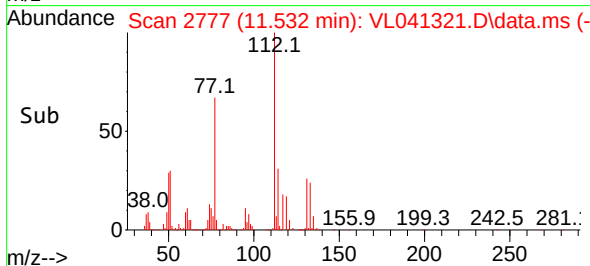
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



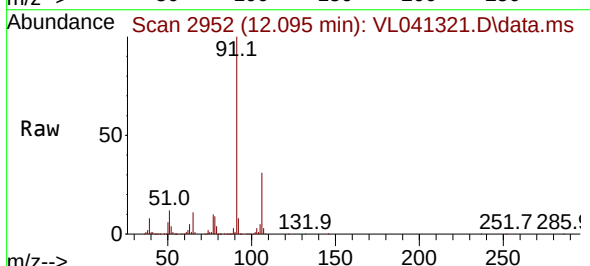
Tgt Ion:112 Resp: 170836
Ion Ratio Lower Upper
112 100
77 66.4 52.0 78.0
114 31.1 29.8 36.4

Manual Integrations
APPROVED

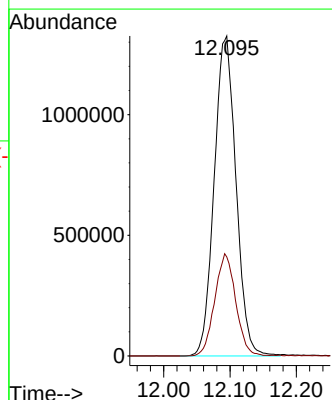
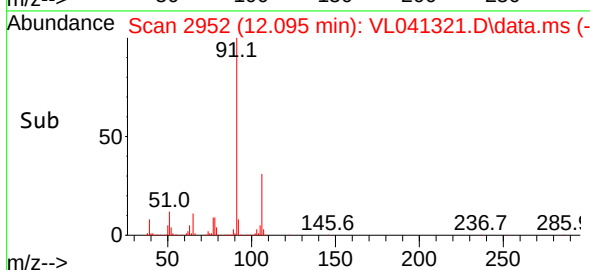
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

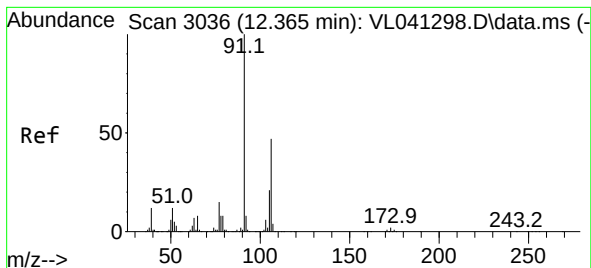


#58
Ethyl Benzene
Concen: 9.880 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. 0.013 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27



Tgt Ion: 91 Resp: 3023561
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3





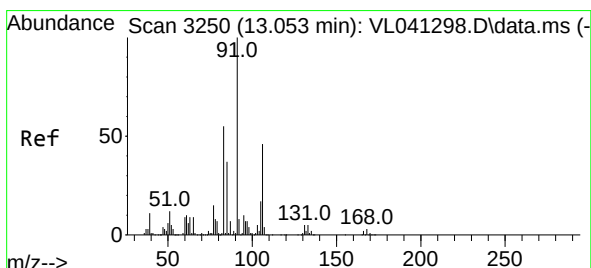
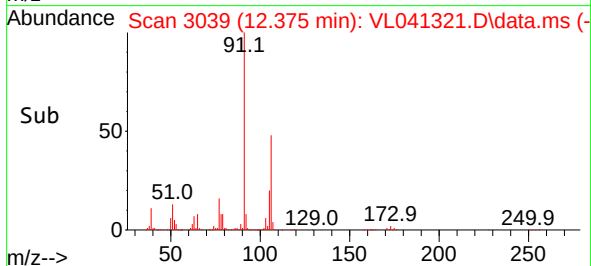
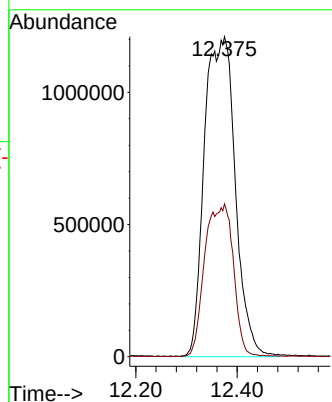
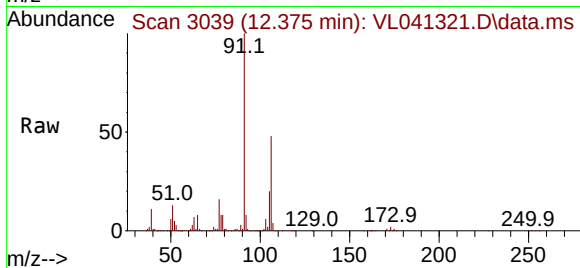
#59
m/p-Xylene
Concen: 19.493 ppbv m
RT: 12.375 min Scan# 3039
Delta R.T. 0.010 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 5110818
Ion Ratio Lower Upper
91 100
106 44.1 35.7 53.5

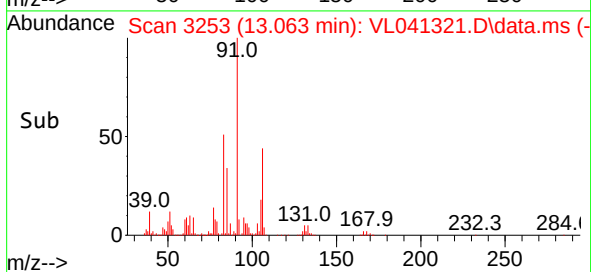
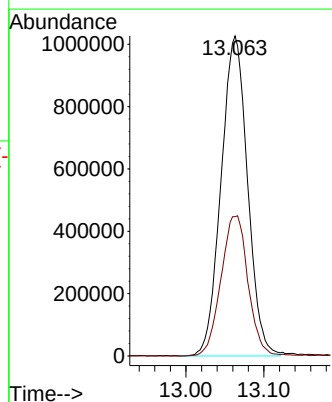
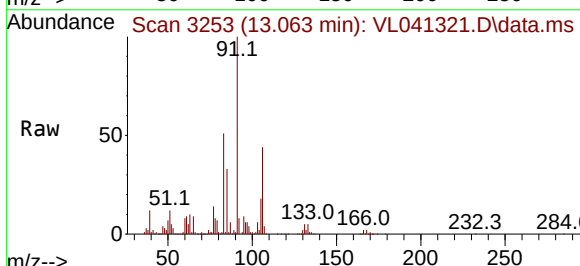
Manual Integrations
APPROVED

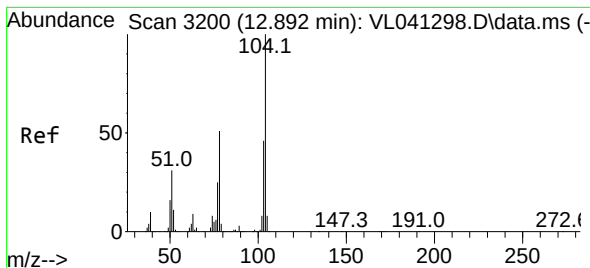
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#60
o-Xylene
Concen: 9.678 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. 0.010 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

Tgt Ion: 91 Resp: 2419200
Ion Ratio Lower Upper
91 100
106 45.1 22.8 68.4





#61

Styrene

Concen: 10.703 ppbv

RT: 12.902 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL041321.D

Acq: 5 Jun 2024 9:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 1311544

Ion Ratio Lower Upper

104 100

78 51.7 42.2 63.4

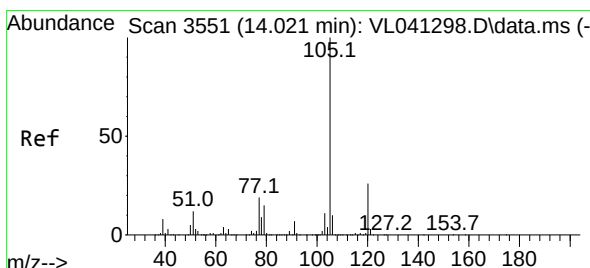
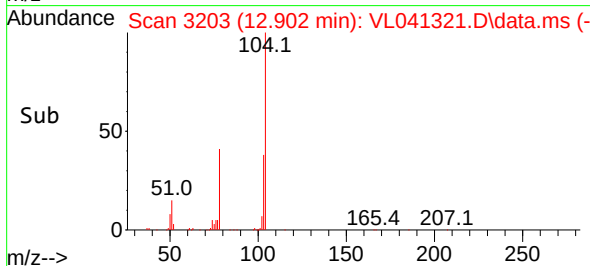
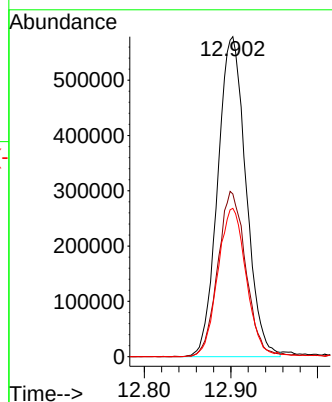
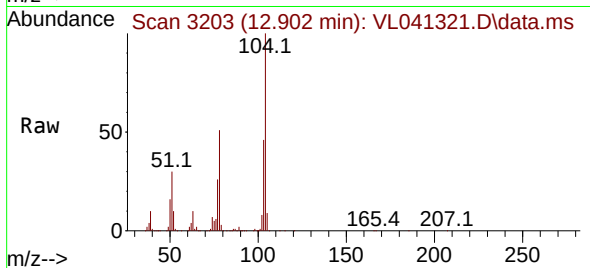
103 47.2 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#62

Isopropylbenzene

Concen: 9.608 ppbv

RT: 14.031 min Scan# 3554

Delta R.T. 0.010 min

Lab File: VL041321.D

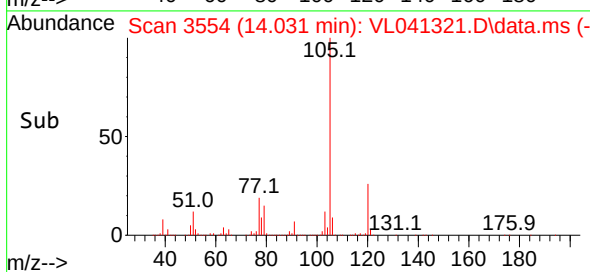
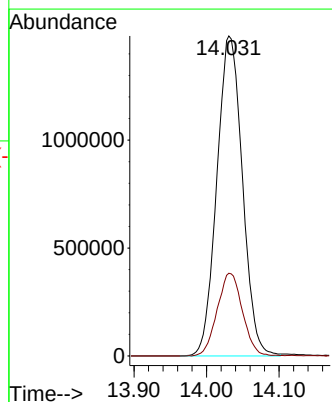
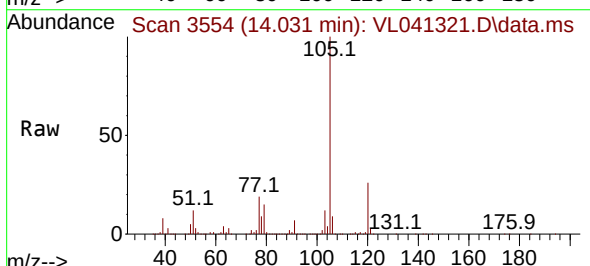
Acq: 5 Jun 2024 9:27

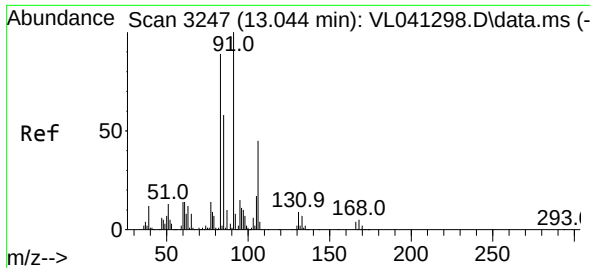
Tgt Ion:105 Resp: 3632092

Ion Ratio Lower Upper

105 100

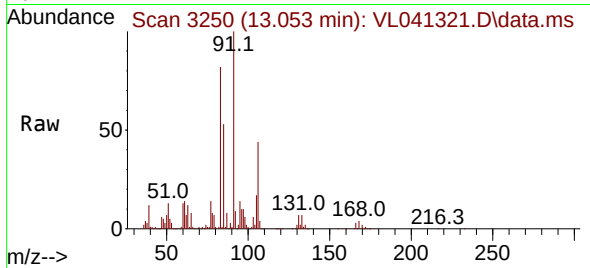
120 25.7 20.4 30.6





#63
1,1,2,2-Tetrachloroethane
Concen: 9.604 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

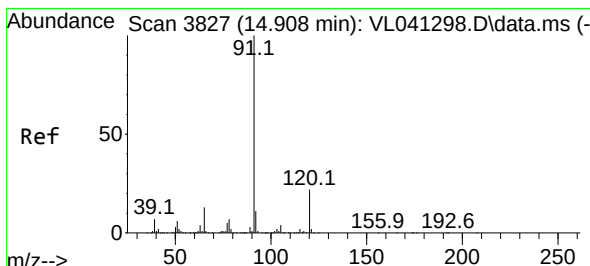
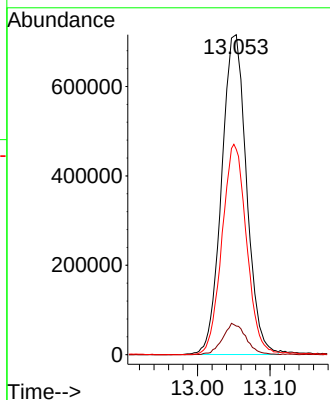
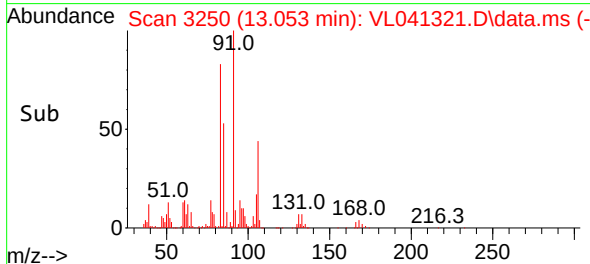
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 1707890
Ion Ratio Lower Upper
83 100
131 9.2 4.7 14.1
85 65.8 32.6 97.7

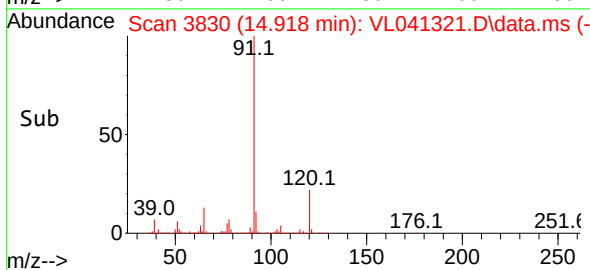
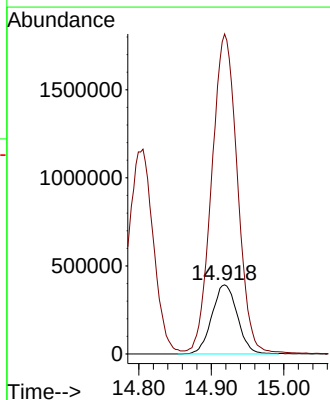
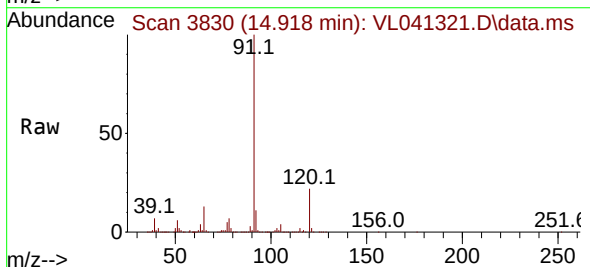
Manual Integrations
APPROVED

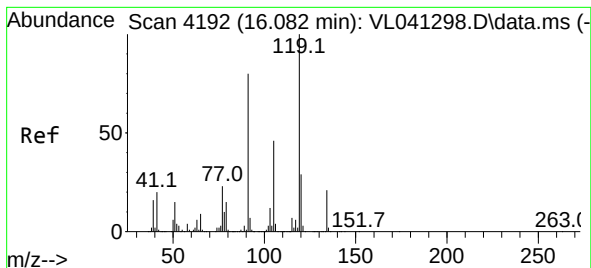
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#64
n-propylbenzene
Concen: 9.810 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. 0.010 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

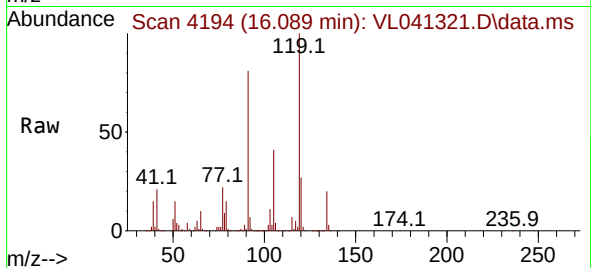
Tgt Ion:120 Resp: 955746
Ion Ratio Lower Upper
120 100
91 469.8 374.2 561.2





#65
tert-Butylbenzene
Concen: 9.440 ppbv
RT: 16.089 min Scan# 4192
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

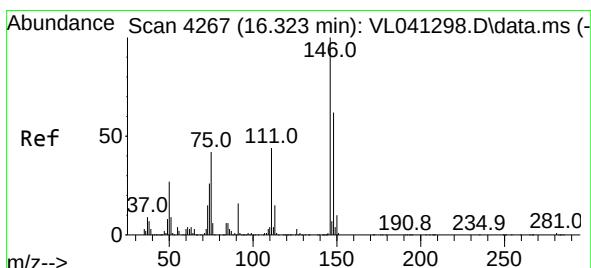
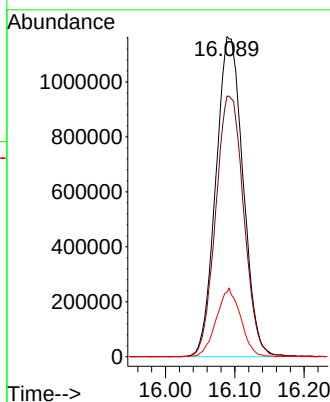
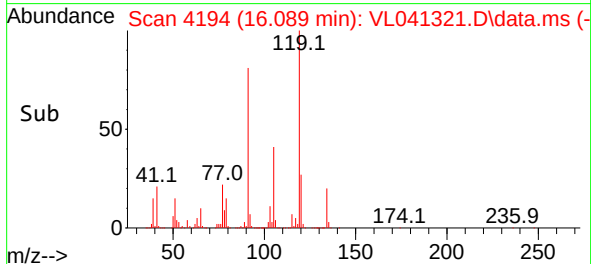
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



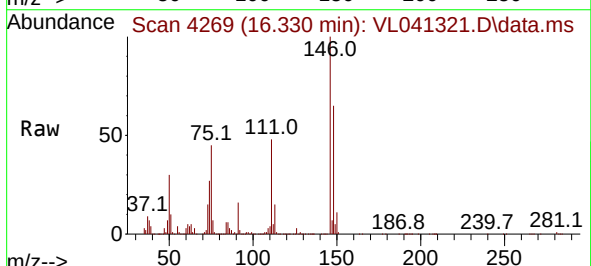
Tgt Ion: 119 Resp: 317227
Ion Ratio Lower Upper
119 100
91 84.1 66.5 99.7
134 19.3 15.7 23.5

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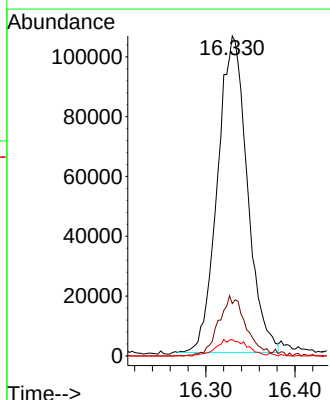
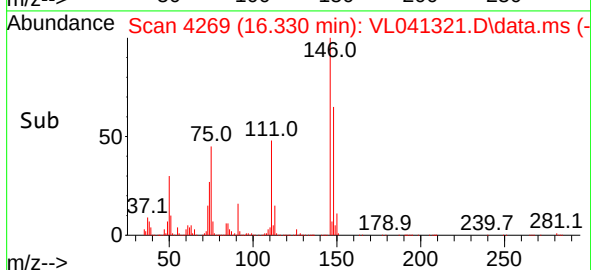
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

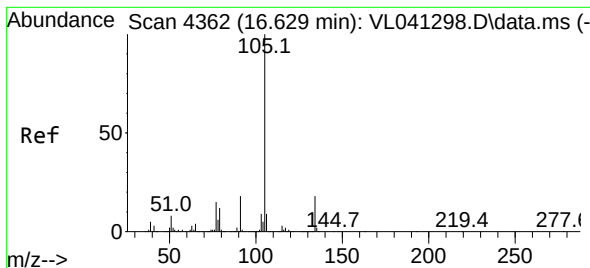


#66
Benzyl Chloride
Concen: 11.100 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27



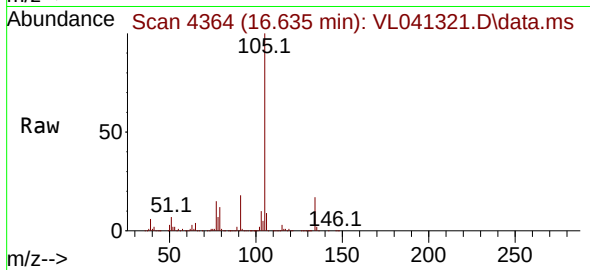
Tgt Ion: 91 Resp: 245432
Ion Ratio Lower Upper
91 100
126 18.1 13.4 20.2
128 5.6 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 9.497 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL041321.D
 Acq: 5 Jun 2024 9:27

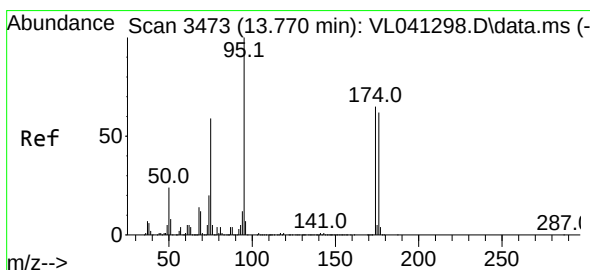
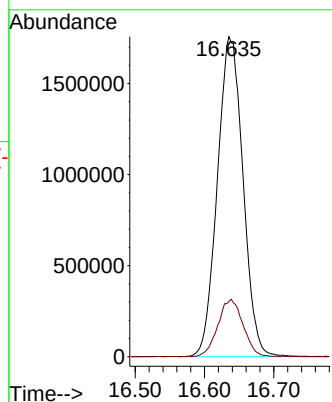
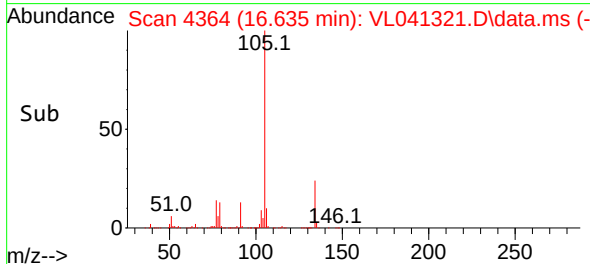
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



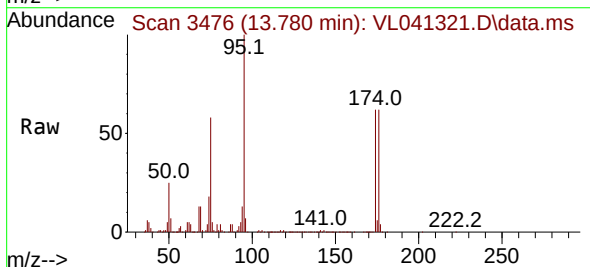
Tgt Ion:105 Resp: 450912
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.3 21.5

Manual Integrations
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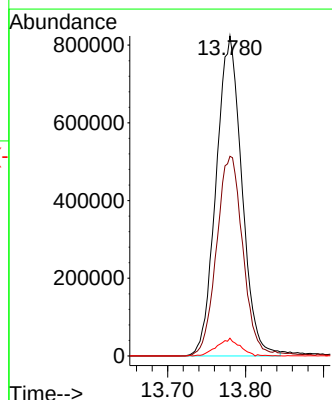
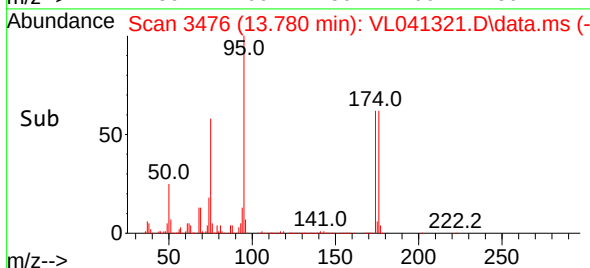
Reviewed By :Semsettin Yesilyurt 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024

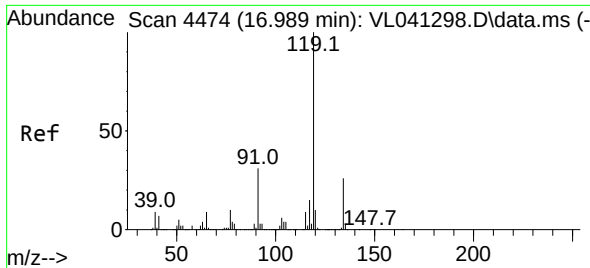


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.255 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. 0.010 min
 Lab File: VL041321.D
 Acq: 5 Jun 2024 9:27



Tgt Ion: 95 Resp: 1890257
 Ion Ratio Lower Upper
 95 100
 174 64.4 52.2 78.2
 175 5.0 4.1 6.1





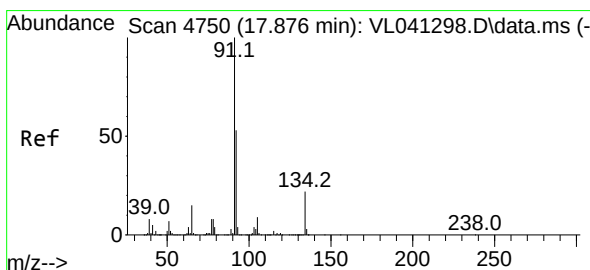
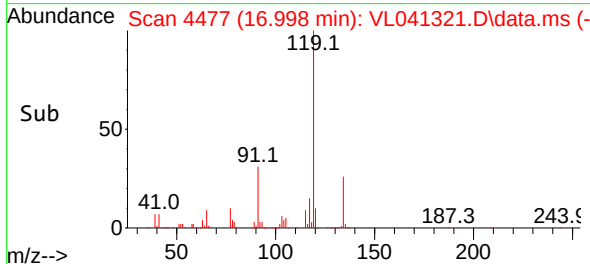
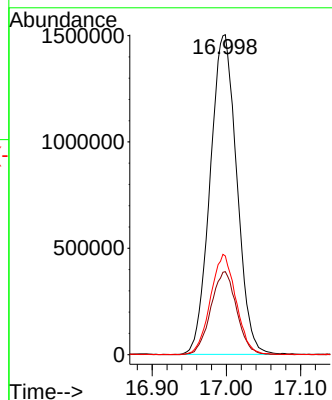
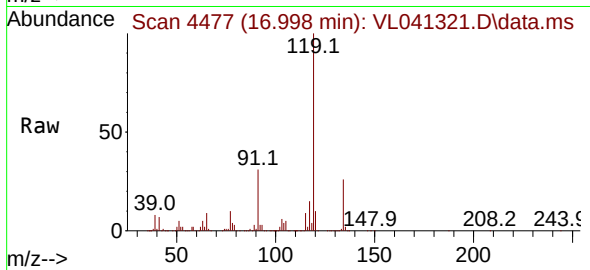
#69
p-Isopropyltoluene
Concen: 9.550 ppbv
RT: 16.998 min Scan# 4474
Delta R.T. 0.010 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3736449
Ion Ratio Lower Upper
119 100
134 25.3 20.1 30.1
91 30.3 24.1 36.1

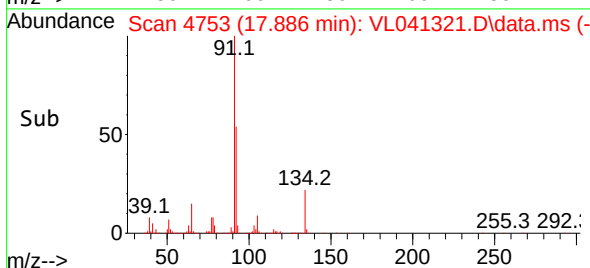
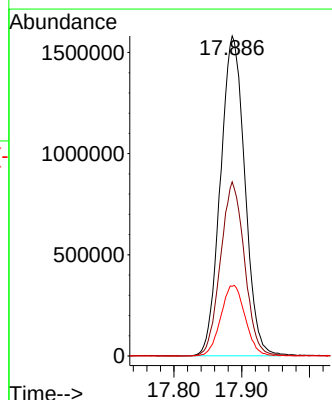
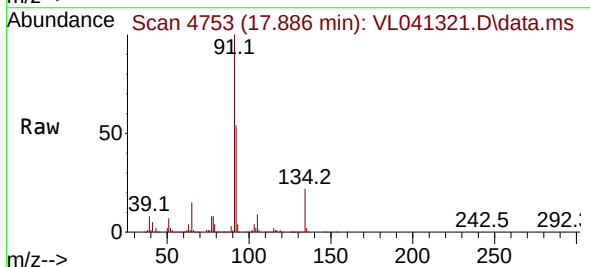
Manual Integrations
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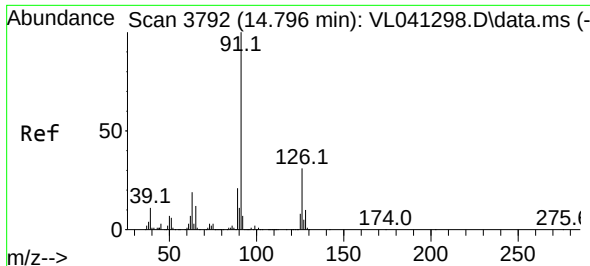
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#70
n-Butylbenzene
Concen: 9.734 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. 0.010 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

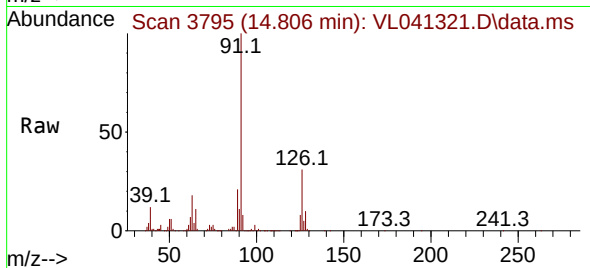
Tgt Ion: 91 Resp: 3951078
Ion Ratio Lower Upper
91 100
92 53.6 42.9 64.3
134 22.3 17.9 26.9





#71
2-Chlorotoluene
Concen: 9.615 ppbv
RT: 14.806 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

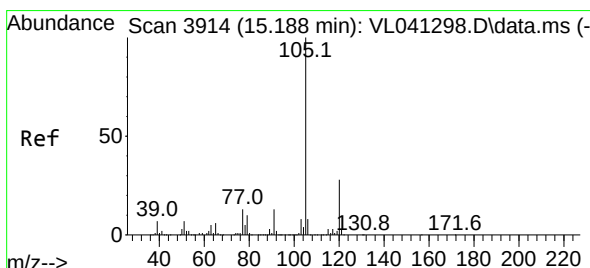
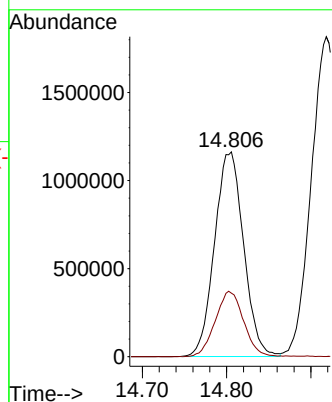
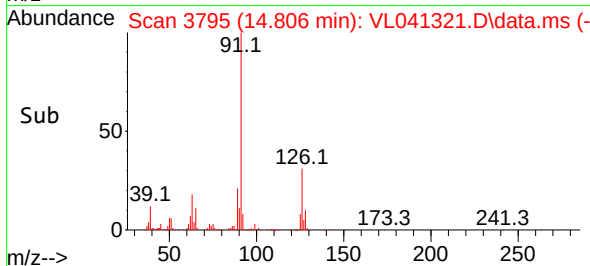
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



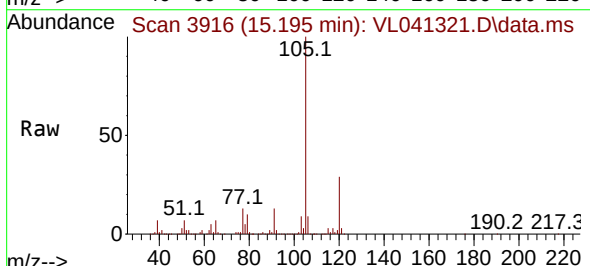
Tgt Ion: 91 Resp: 2781890
Ion Ratio Lower Upper
91 100
126 31.4 12.4 49.8

Manual Integrations
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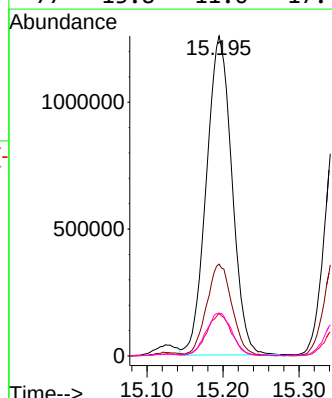
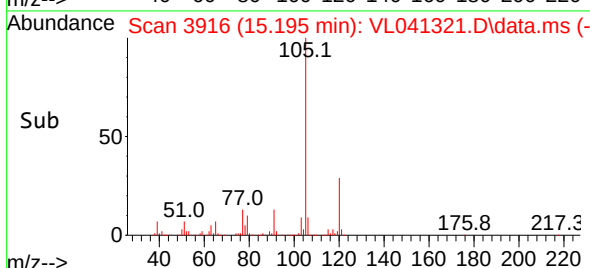
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

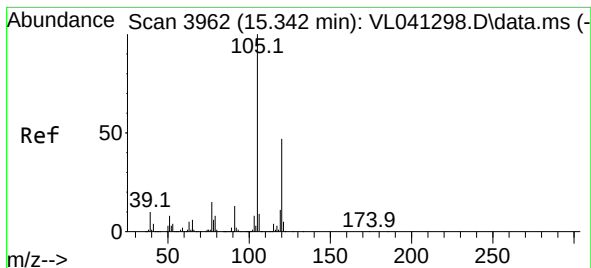


#72
4-Ethyltoluene
Concen: 10.078 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27



Tgt Ion:105 Resp: 2934791
Ion Ratio Lower Upper
105 100
120 29.0 23.7 35.5
91 13.0 10.6 16.0
77 13.8 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 9.956 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. 0.013 min

Lab File: VL041321.D

Acq: 5 Jun 2024 9:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 251635

Ion Ratio Lower Upper

105 100

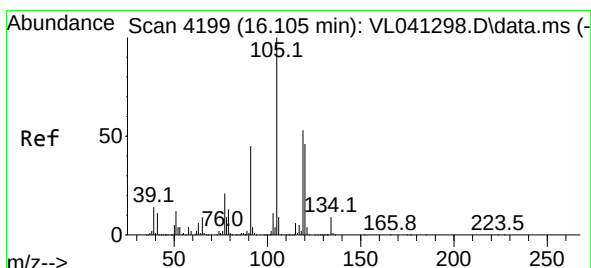
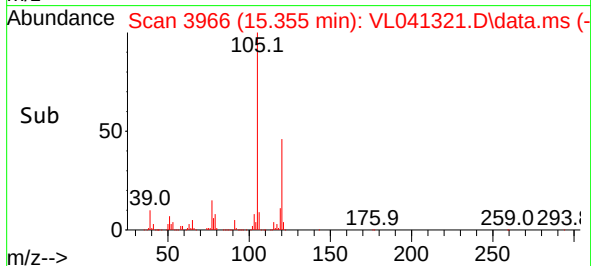
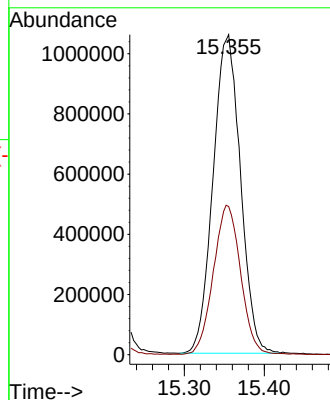
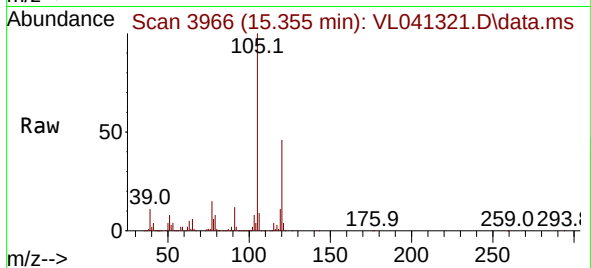
120 46.4 37.8 56.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.622 ppbv

RT: 16.108 min Scan# 4200

Delta R.T. 0.003 min

Lab File: VL041321.D

Acq: 5 Jun 2024 9:27

Tgt Ion:105 Resp: 2750380

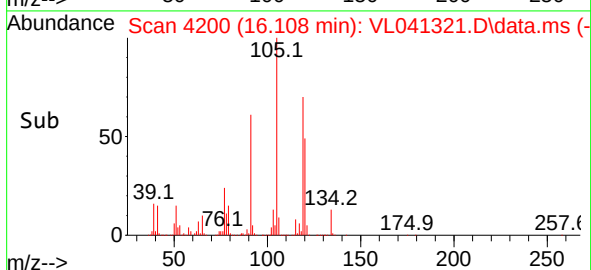
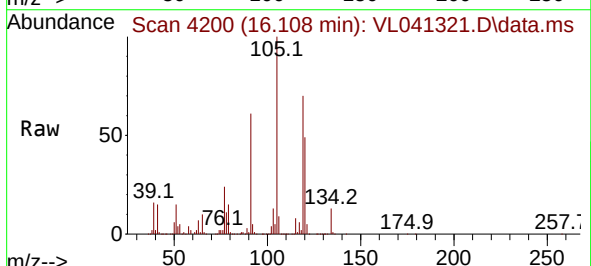
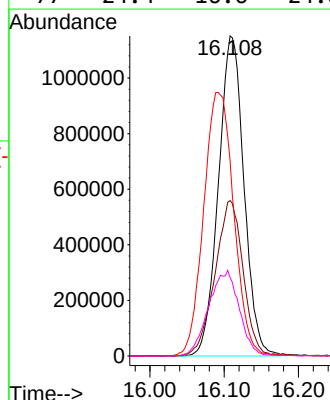
Ion Ratio Lower Upper

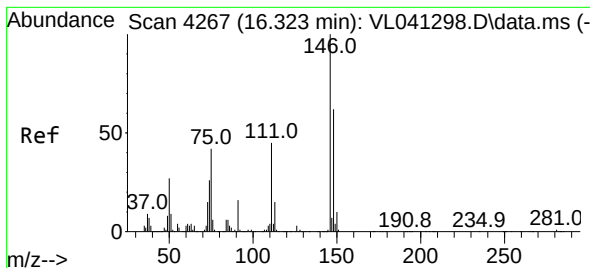
105 100

120 48.4 37.0 55.6

91 60.7 36.2 54.4#

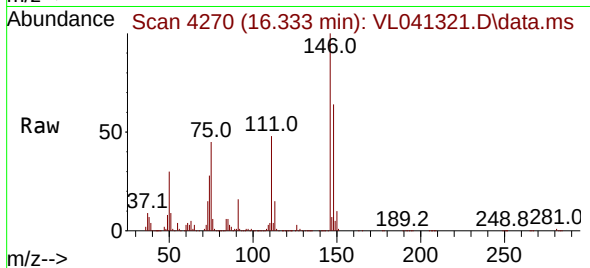
77 24.4 16.6 24.8





#75
1,3-Dichlorobenzene
Concen: 9.803 ppbv
RT: 16.333 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

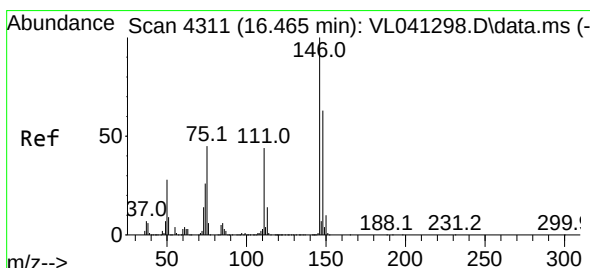
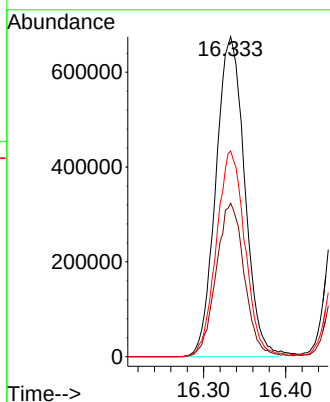
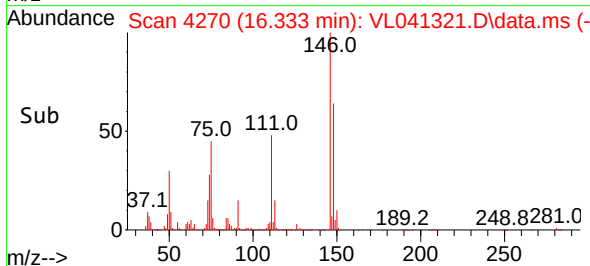
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



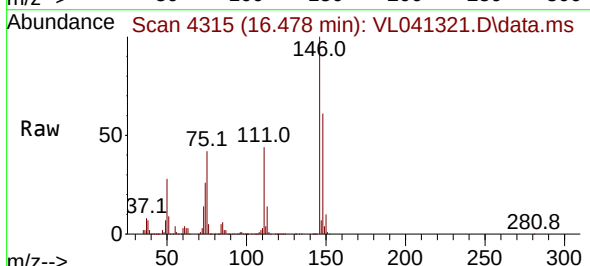
Tgt Ion:146 Resp: 1644911
Ion Ratio Lower Upper
146 100
111 47.2 23.3 69.8
148 64.3 32.2 96.6

Manual Integrations
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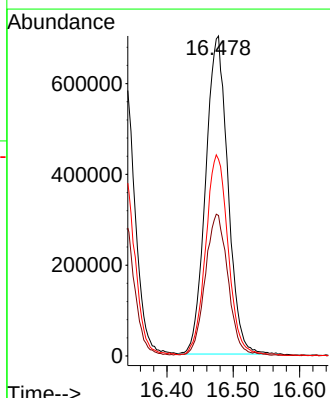
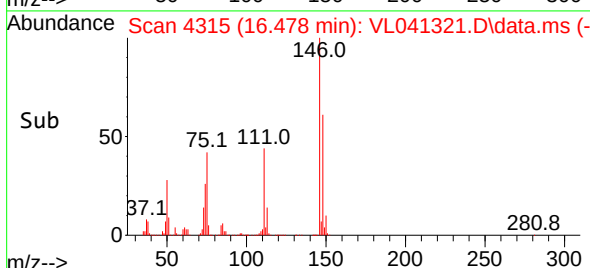
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

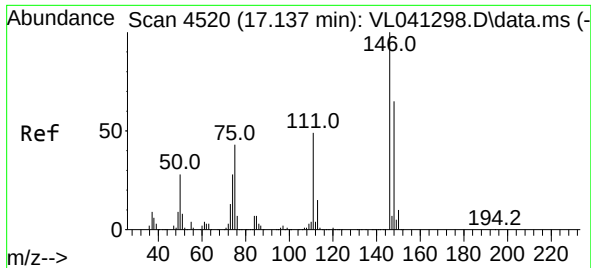


#76
1,4-Dichlorobenzene
Concen: 9.751 ppbv
RT: 16.478 min Scan# 4315
Delta R.T. 0.013 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27



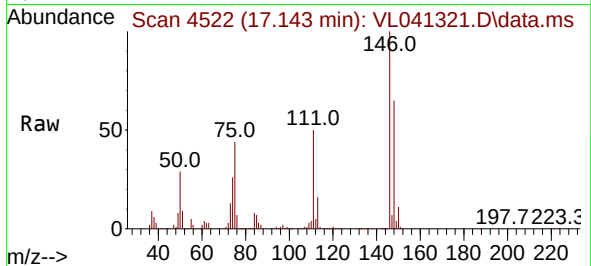
Tgt Ion:146 Resp: 1634938
Ion Ratio Lower Upper
146 100
111 46.0 23.3 69.9
148 64.6 32.9 98.6





#77
1,2-Dichlorobenzene
Concen: 9.442 ppbv
RT: 17.143 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27

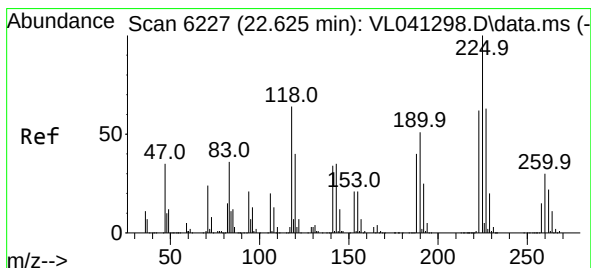
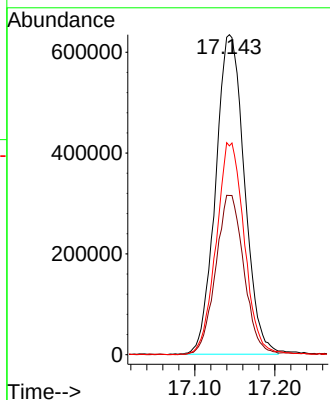
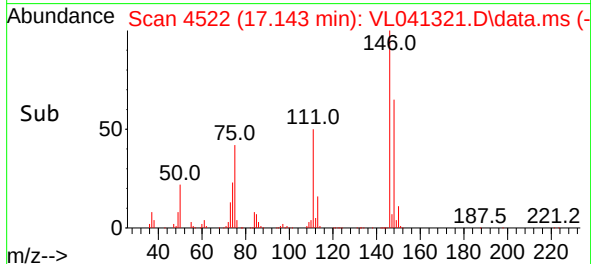
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



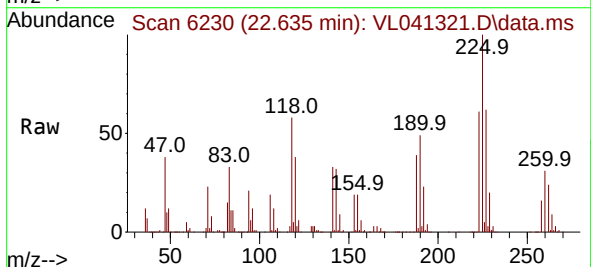
Tgt Ion:146 Resp: 158594
Ion Ratio Lower Upper
146 100
111 49.3 24.3 72.9
148 65.2 32.0 96.0

Manual Integrations
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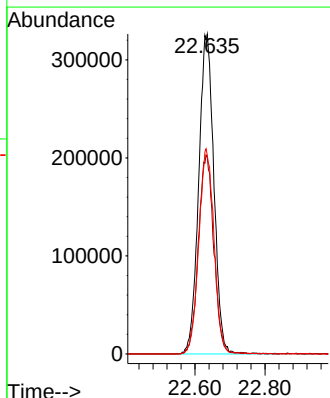
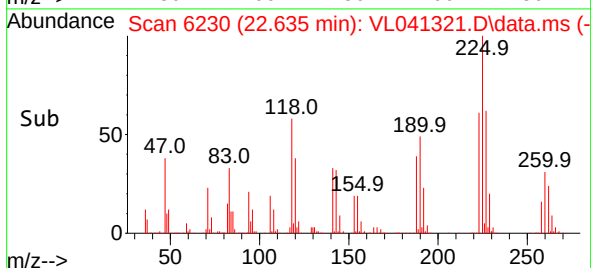
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

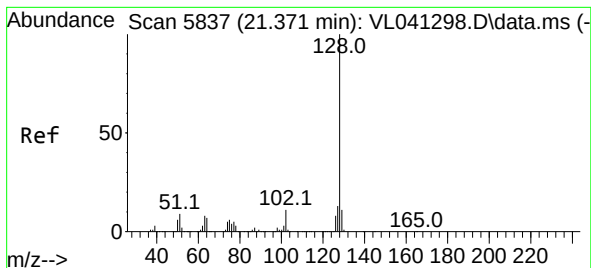


#78
Hexachloro-1,3-Butadiene
Concen: 7.104 ppbv m
RT: 22.635 min Scan# 6230
Delta R.T. 0.010 min
Lab File: VL041321.D
Acq: 5 Jun 2024 9:27



Tgt Ion:225 Resp: 977888
Ion Ratio Lower Upper
225 100
223 63.0 51.0 76.6
227 64.1 51.1 76.7





#79

Naphthalene

Concen: 11.787 ppbv

RT: 21.381 min Scan# 5840

Delta R.T. 0.010 min

Lab File: VL041321.D

Acq: 5 Jun 2024 9:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 292339

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

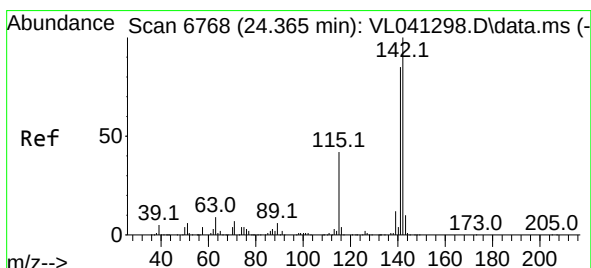
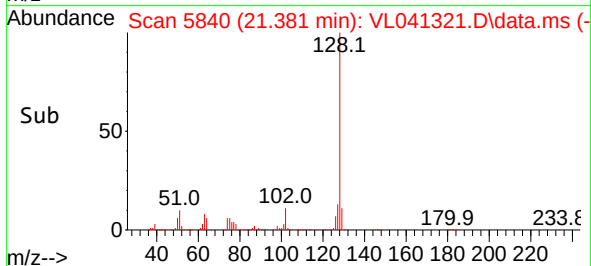
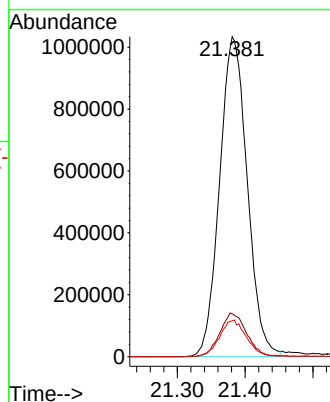
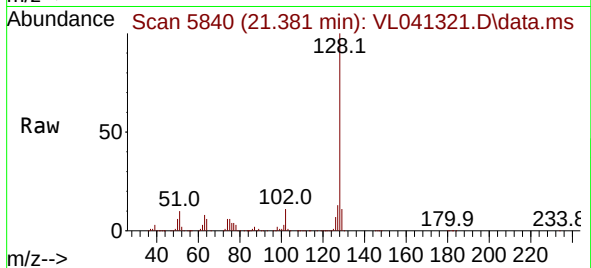
129 11.2 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#80

Naphthalene,2-methyl-

Concen: 11.482 ppbv

RT: 24.371 min Scan# 6770

Delta R.T. 0.007 min

Lab File: VL041321.D

Acq: 5 Jun 2024 9:27

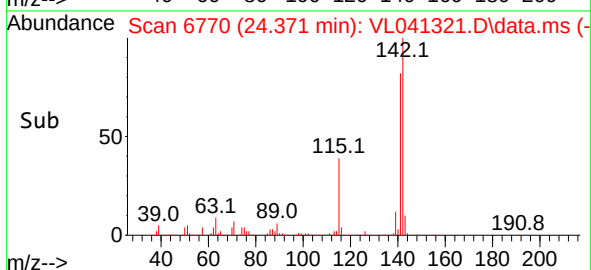
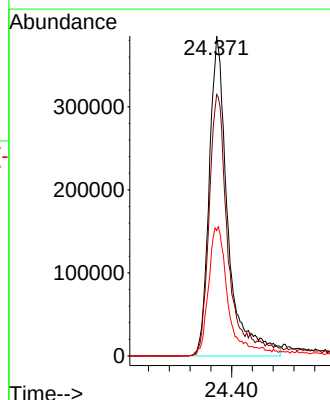
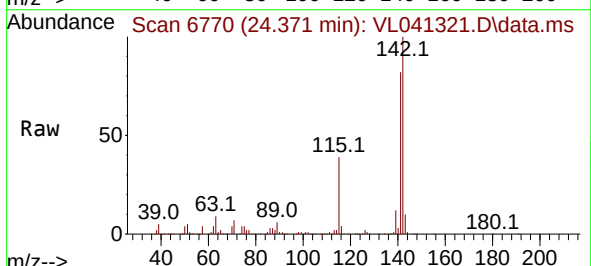
Tgt Ion:142 Resp: 961670

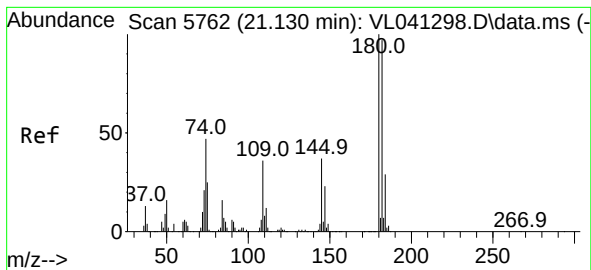
Ion Ratio Lower Upper

142 100

141 87.1 68.5 102.7

115 45.5 32.6 49.0





#81

1,2,4-Trichlorobenzene

Concen: 10.084 ppbv

RT: 21.140 min Scan# 51

Delta R.T. 0.010 min

Lab File: VL041321.D

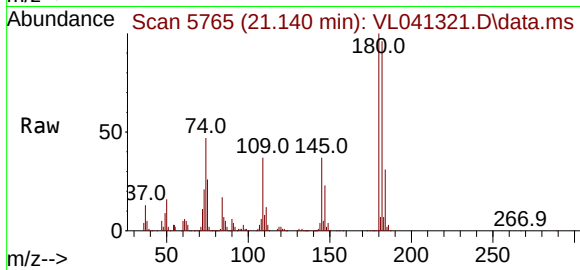
Acq: 5 Jun 2024 9:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 1394734

Ion Ratio Lower Upper

180 100

182 97.1 77.0 115.6

184 30.4 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024

