

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031124\
 Data File : VL041083.D
 Acq On : 11 Mar 2024 11:45
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

Quant Time: Mar 12 05:49:34 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M

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

QLast Update : Tue Mar 12 05:47:21 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1505657	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	3896914	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	3705350	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.793 95 2758096 9.520 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.726	85	608857	2.122	ppbv	94
3) Chlorodifluoromethane	2.671	51	467431	2.114	ppbv	100
4) Chloromethane	2.809	50	176848	2.113	ppbv	94
5) Vinyl Chloride	2.919	62	173983	2.043	ppbv	96
6) Bromomethane	3.121	94	73584	2.179	ppbv	92
7) Chloroethane	3.198	64	61514	2.052	ppbv	95
8) Dichlorotetrafluoroethane	2.854	85	432246	2.075	ppbv	97
9) Propene	2.690	41	158946	2.158	ppbv	99
10) Heptane	7.594	43	381965	2.168	ppbv	97
11) Trichlorofluoromethane	3.565	101	465159	2.103	ppbv	92
12) 1,1,2-Trichlorotrifluo...	4.073	101	339098	2.085	ppbv	98
13) Ethanol	3.253	45	40423	2.169	ppbv	91
14) Bromoethene	3.366	108	131520	2.074	ppbv	97
15) Acetone	3.472	43	396079	2.309	ppbv	97
16) 1,3-Butadiene	2.986	39	169409m	2.098	ppbv	
17) tert-Butyl alcohol	3.883	59	259629	2.036	ppbv	100
18) 1,1-Dichloroethene	3.883	96	148534	2.074	ppbv	98
19) Isopropyl Alcohol	3.584	45	197545	2.156	ppbv	100
20) Methylene Chloride	3.938	84	136280	2.038	ppbv	93
21) Allyl Chloride	3.999	41	201357	2.078	ppbv	98
22) trans-1,2-Dichloroethene	4.452	96	190222	2.231	ppbv	89
23) Vinyl Acetate	4.636	43	408723	2.146	ppbv #	98
24) 1,1-Dichloroethane	4.568	63	390249	2.225	ppbv	99
25) Ethyl Acetate	5.214	43	660134	2.136	ppbv	100
26) Hexane	5.221	57	292777	2.112	ppbv	96
27) Carbon Disulfide	4.131	76	324081	1.957	ppbv #	90
28) Methyl tert-Butyl Ether	4.594	73	270307	2.213	ppbv	98
29) Chloroform	5.282	83	506292	2.124	ppbv	95
30) Cyclohexane	6.613	84	237108	2.090	ppbv	95
31) cis-1,2-Dichloroethene	5.086	61	286855	2.136	ppbv	97
32) 1,1,1-Trichloroethane	6.012	97	478832	2.242	ppbv	99
34) 2-Butanone	4.793	43	402543	2.081	ppbv	97
35) Carbon Tetrachloride	6.507	117	500457	2.206	ppbv	97
36) Benzene	6.381	78	617086	2.127	ppbv	98
37) 1,2-Dichloroethane	5.816	62	356161	2.041	ppbv	99
38) Trichloroethene	7.304	130	234502	2.165	ppbv	94
39) 1,2-Dichloropropane	7.082	63	243788	2.102	ppbv	97
40) 1,4-Dioxane	7.308	88	92883	2.031	ppbv	82
41) Tetrahydrofuran	5.571	42	230487	2.008	ppbv	93
42) Bromodichloromethane	7.262	83	534289	2.137	ppbv	91
43) Methyl Methacrylate	7.491	69	234853	2.096	ppbv	100
44) 2,2,4-Trimethylpentane	7.336	57	1059580	2.186	ppbv	98
45) t-1,3-Dichloropropene	8.722	75	154711	1.988	ppbv	92

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M

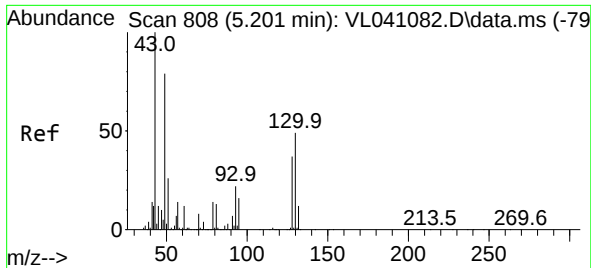
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Mar 12 05:47:21 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	199391	2.056	ppbv	98
47) 1,1,2-Trichloroethane	8.915	97	256347	2.068	ppbv	95
48) Dibromochloromethane	9.725	129	423663	2.097	ppbv	99
49) Bromoform	12.423	173	337892	2.106	ppbv	99
50) 4-Methyl-2-Pentanone	8.201	43	637119	2.239	ppbv	99
51) 2-Hexanone	9.571	43	440592	2.091	ppbv #	97
52) Tetrachloroethene	10.632	164	204507	2.267	ppbv	98
53) Toluene	9.233	91	681654	2.180	ppbv	99
54) 1,2-Dibromoethane	10.021	107	351909	2.212	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.523	131	322689	2.034	ppbv #	1
57) Chlorobenzene	11.542	112	538249	2.029	ppbv	100
58) Ethyl Benzene	12.108	91	924445	2.131	ppbv	98
59) m/p-Xylene	12.391	91	1634689m	4.292	ppbv	
60) o-Xylene	13.079	91	764651	2.117	ppbv	98
61) Styrene	12.915	104	331670	2.013	ppbv	96
62) Isopropylbenzene	14.050	105	1131642	2.106	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.063	83	589936	2.139	ppbv	100
64) n-propylbenzene	14.937	120	283078	2.091	ppbv	89
65) tert-Butylbenzene	16.108	119	1003072	2.152	ppbv	97
66) Benzyl Chloride	16.349	91	55810m	1.777	ppbv	
67) sec-Butylbenzene	16.654	105	1457686	2.171	ppbv	97
69) p-Isopropyltoluene	17.015	119	1143445	2.183	ppbv	99
70) n-Butylbenzene	17.902	91	1251171	2.210	ppbv	98
71) 2-Chlorotoluene	14.818	91	877776	2.137	ppbv	98
72) 4-Ethyltoluene	15.211	105	847672	2.129	ppbv	99
73) 1,3,5-Trimethylbenzene	15.371	105	757251	2.150	ppbv	90
74) 1,2,4-Trimethylbenzene	16.127	105	872252	2.168	ppbv	96
75) 1,3-Dichlorobenzene	16.349	146	489622	2.132	ppbv	98
76) 1,4-Dichlorobenzene	16.494	146	461778	1.999	ppbv	99
77) 1,2-Dichlorobenzene	17.159	146	470767	2.076	ppbv	99
78) Hexachloro-1,3-Butadiene	22.648	225	353408m	2.228	ppbv	
79) Naphthalene	21.413	128	579608	2.448	ppbv	95
80) Naphthalene,2-methyl-	24.413	142	72932m	2.359	ppbv	
81) 1,2,4-Trichlorobenzene	21.162	180	288993	2.135	ppbv	92

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



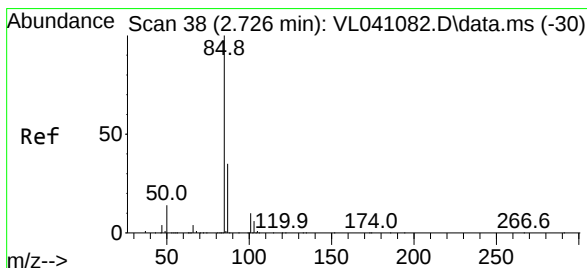
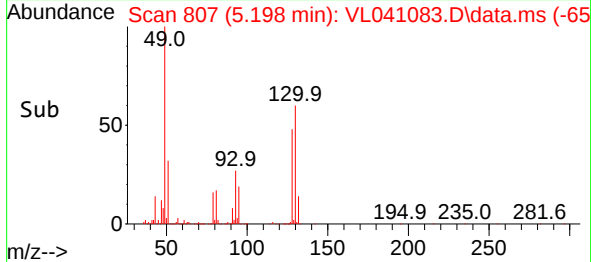
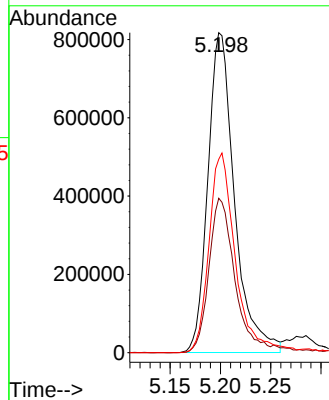
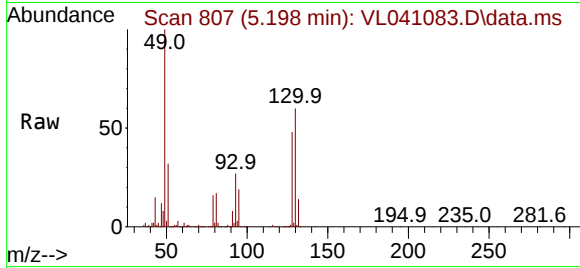
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 150565
Ion Ratio Lower Upper
49 100
128 49.0 23.8 71.5
130 62.9 30.3 90.9

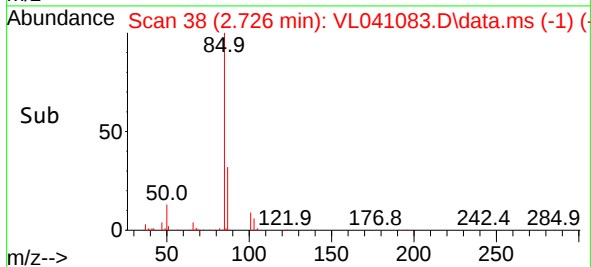
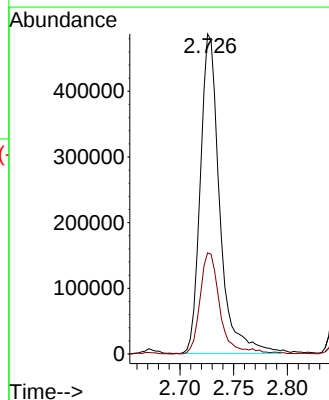
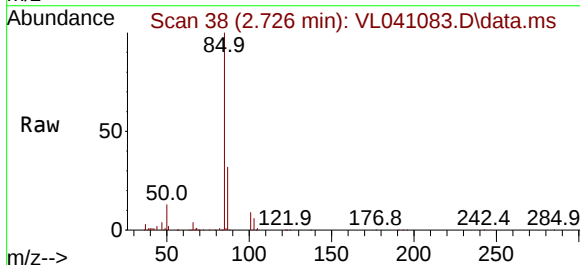
Manual Integrations
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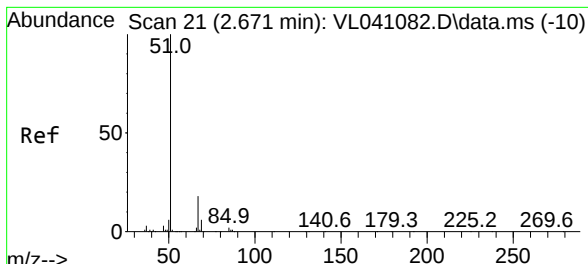
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#2
Dichlorodifluoromethane
Concen: 2.122 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.000 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

Tgt Ion: 85 Resp: 608857
Ion Ratio Lower Upper
85 100
87 31.6 28.1 42.1





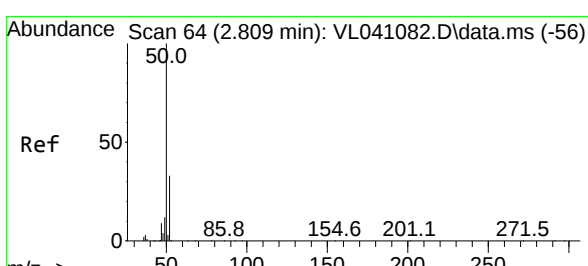
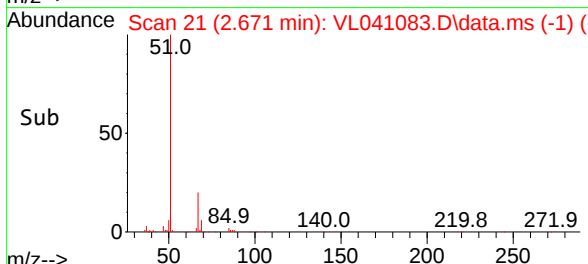
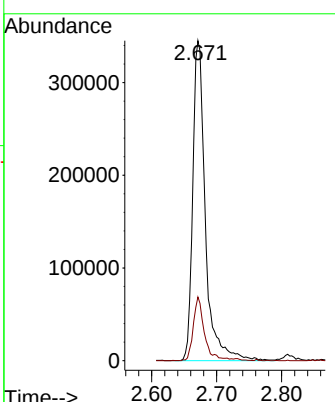
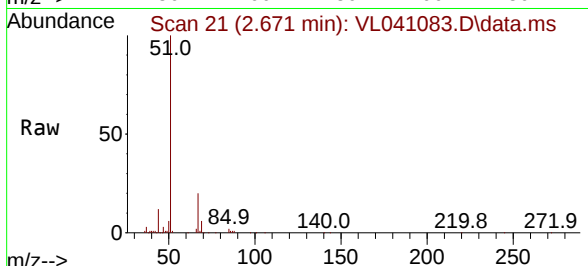
#3
 Chlorodifluoromethane
 Concen: 2.114 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL041083.D
 Acq: 11 Mar 2024 11:45

Instrument : MSVOA_L
 ClientSampleId : VSTDICC002

Tgt Ion: 51 Resp: 46743
 Ion Ratio Lower Upper
 51 100
 67 18.0 14.5 21.7

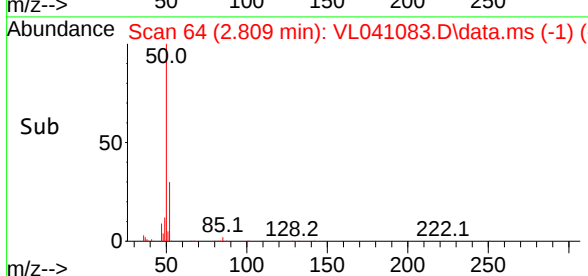
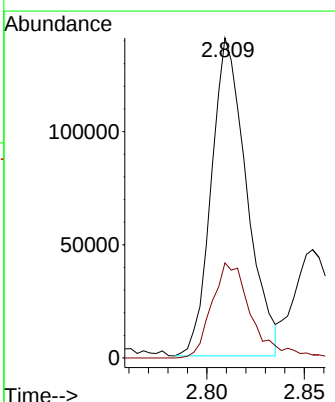
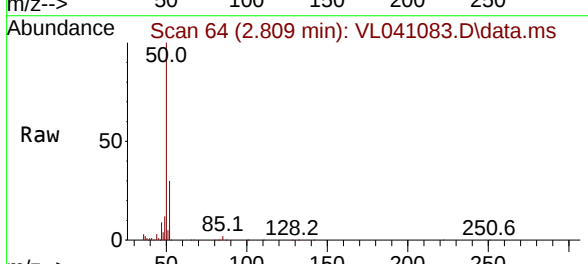
Manual Integrations
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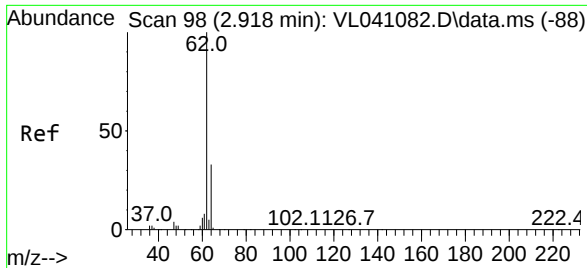
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024



#4
 Chloromethane
 Concen: 2.113 ppbv
 RT: 2.809 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: VL041083.D
 Acq: 11 Mar 2024 11:45

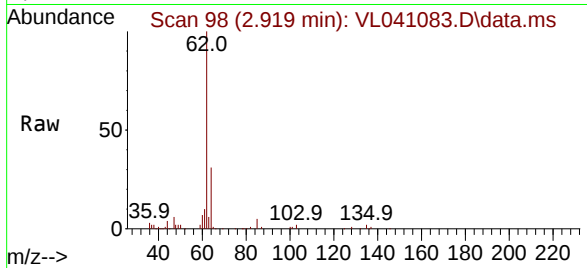
Tgt Ion: 50 Resp: 176848
 Ion Ratio Lower Upper
 50 100
 52 29.9 26.6 40.0





#5
 Vinyl Chloride
 Concen: 2.043 ppbv
 RT: 2.919 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: VL041083.D
 Acq: 11 Mar 2024 11:45

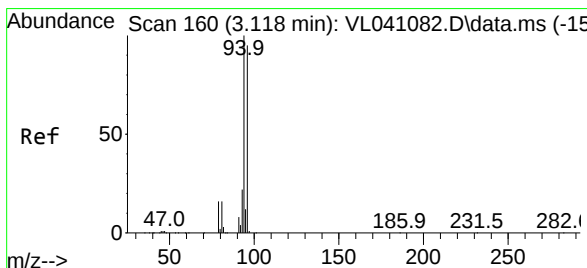
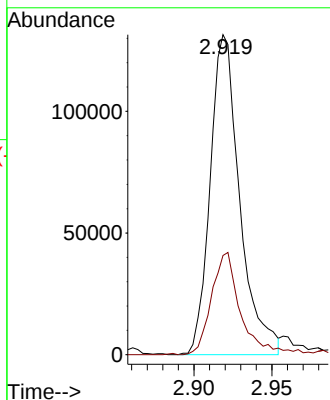
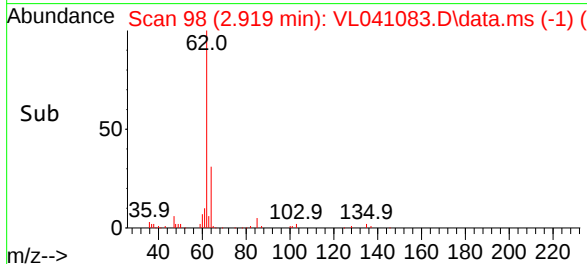
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



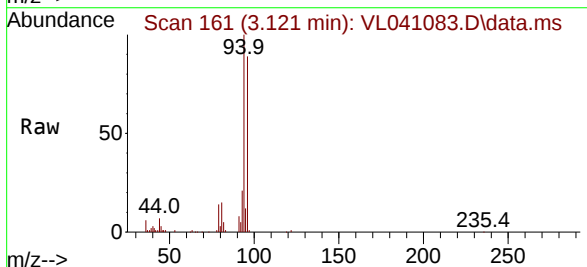
Tgt Ion: 62 Resp: 17398
 Ion Ratio Lower Upper
 62 100
 64 31.0 26.5 39.7

Manual Integrations
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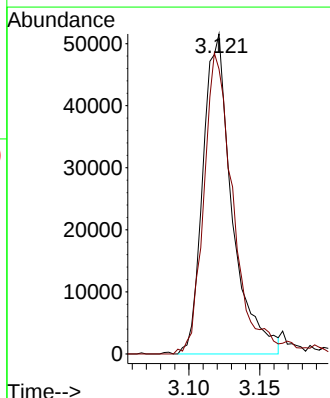
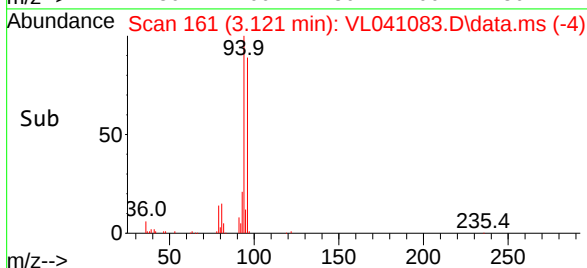
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

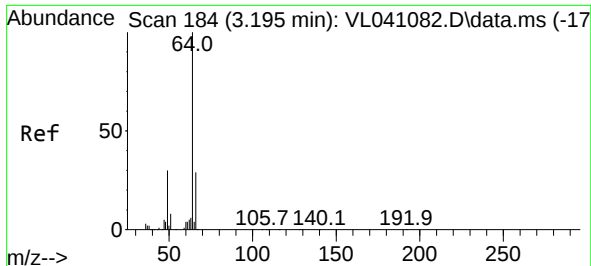


#6
 Bromomethane
 Concen: 2.179 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VL041083.D
 Acq: 11 Mar 2024 11:45



Tgt Ion: 94 Resp: 73584
 Ion Ratio Lower Upper
 94 100
 96 87.5 76.0 114.0





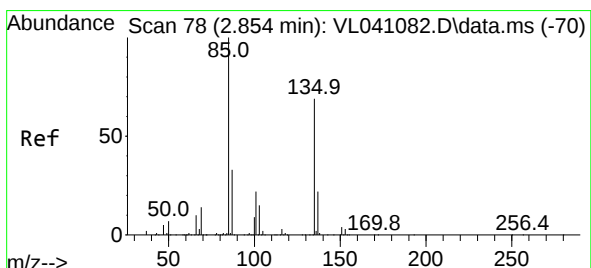
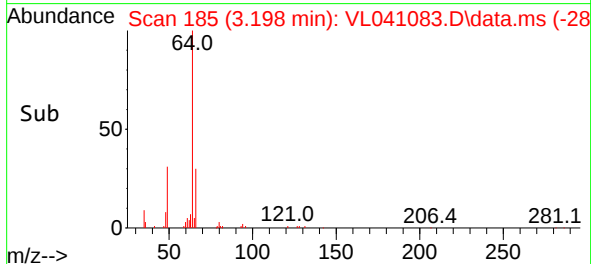
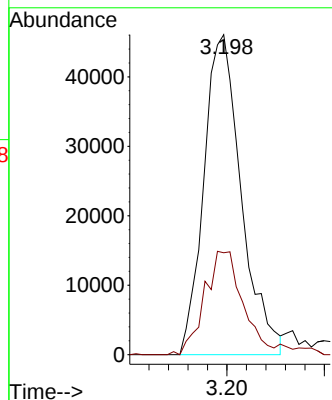
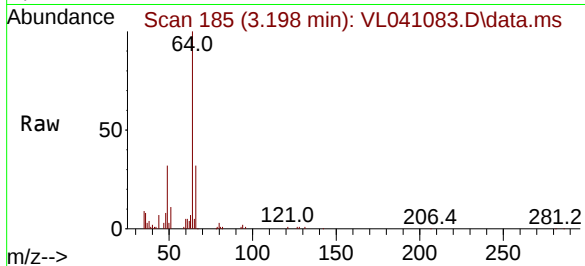
#7
Chloroethane
Concen: 2.052 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 61514
Ion Ratio Lower Upper
64 100
66 31.9 23.2 34.8

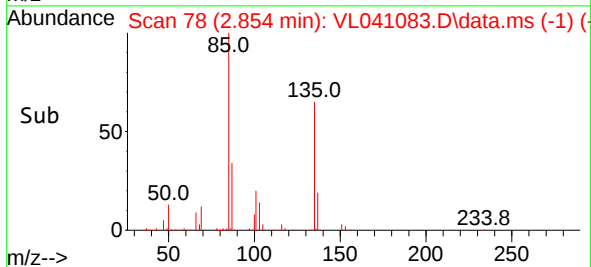
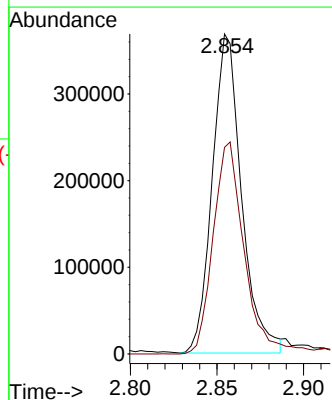
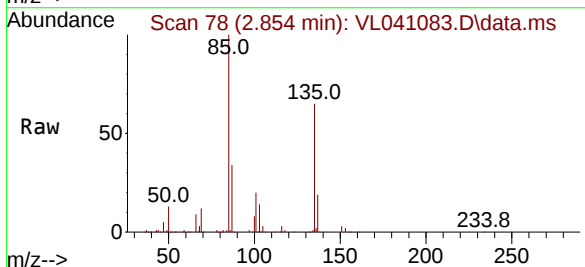
Manual Integrations
APPROVED

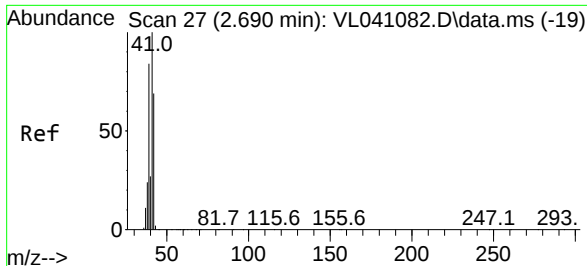
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#8
Dichlorotetrafluoroethane
Concen: 2.075 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.000 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

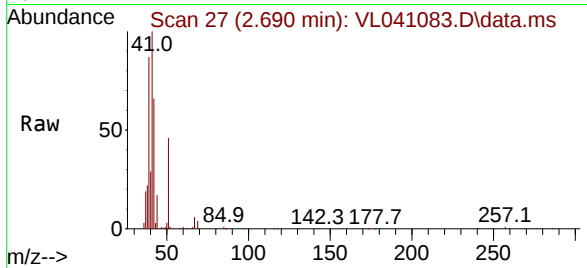
Tgt Ion: 85 Resp: 432246
Ion Ratio Lower Upper
85 100
135 73.0 56.7 85.1





#9
 Propene
 Concen: 2.158 ppbv
 RT: 2.690 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL041083.D
 Acq: 11 Mar 2024 11:45

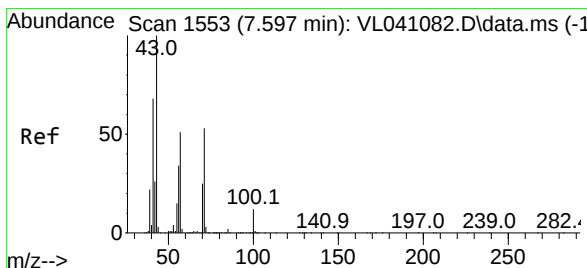
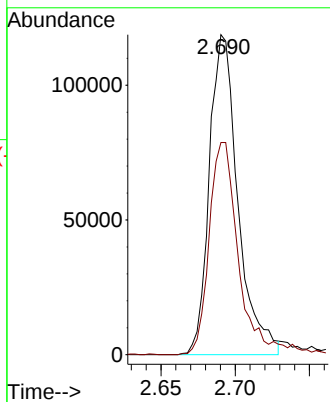
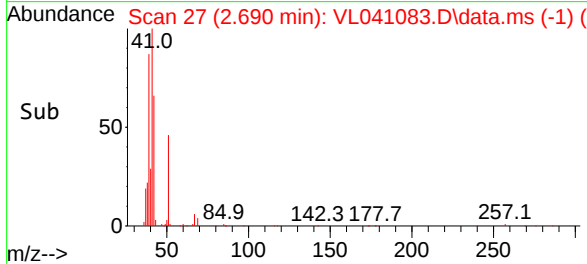
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



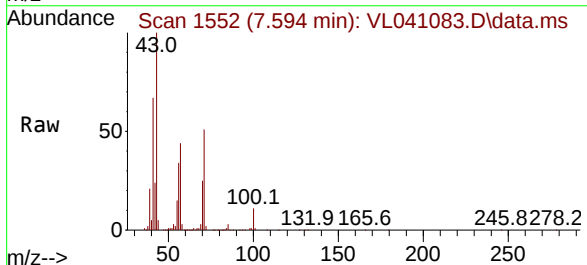
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 Ion Ratio Lower Upper
 41 100
 42 69.4 55.9 83.9

Manual Integrations
 APPROVED

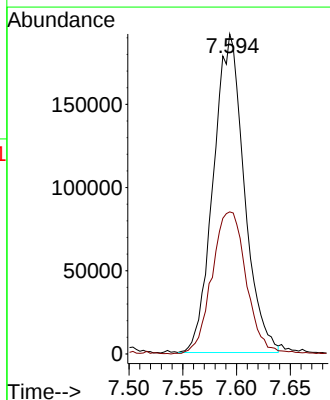
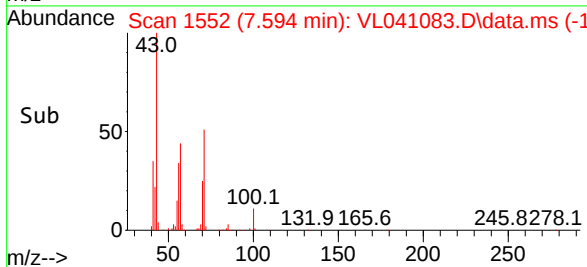
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

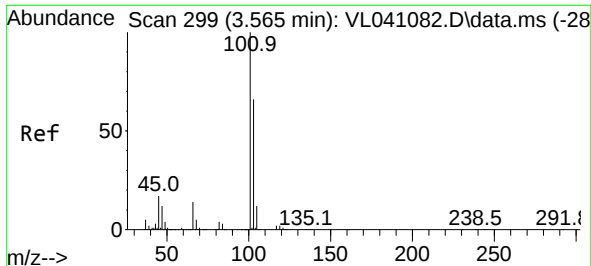


#10
 Heptane
 Concen: 2.168 ppbv
 RT: 7.594 min Scan# 1552
 Delta R.T. -0.003 min
 Lab File: VL041083.D
 Acq: 11 Mar 2024 11:45



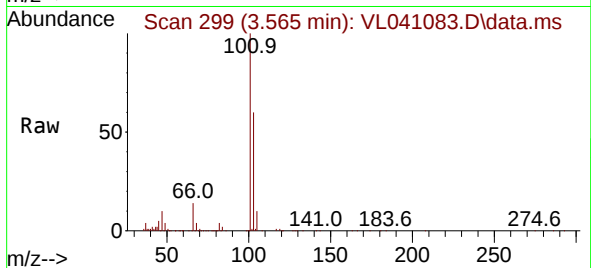
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 Ion Ratio Lower Upper
 43 100
 57 49.2 41.0 61.6





#11
Trichlorofluoromethane
Concen: 2.103 ppbv
RT: 3.565 min Scan# 299
Delta R.T. 0.000 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

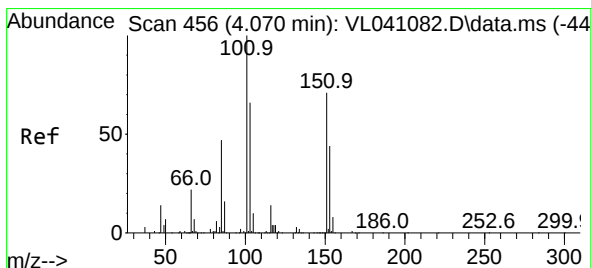
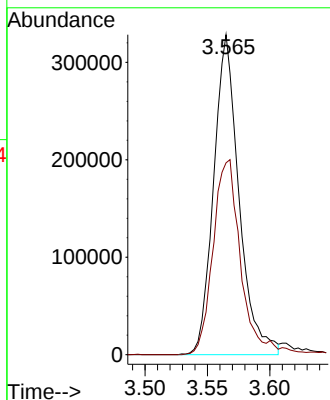
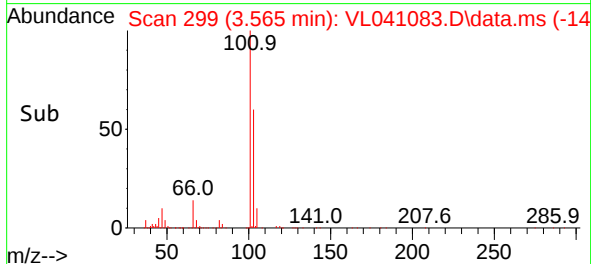
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



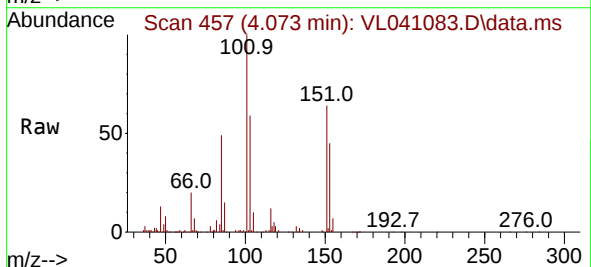
Tgt Ion:101 Resp: 465159
Ion Ratio Lower Upper
101 100
103 60.0 53.0 79.4

Manual Integrations
APPROVED

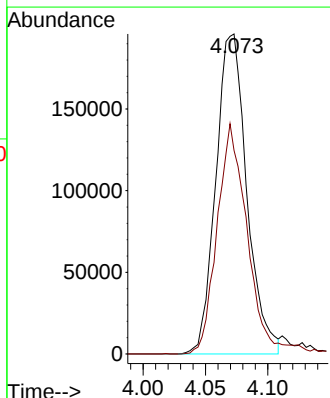
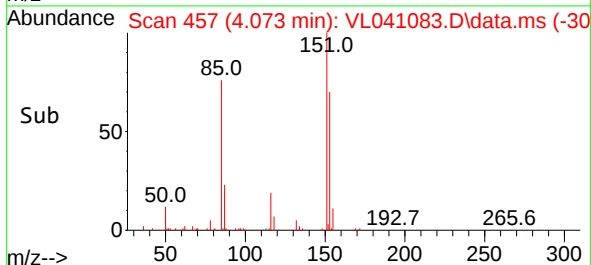
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

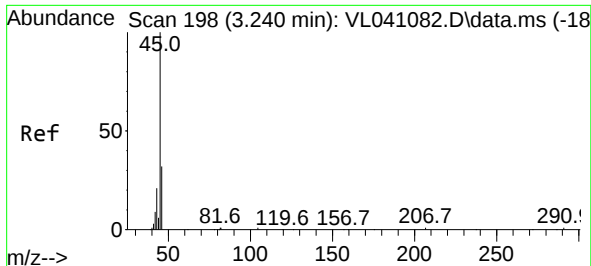


#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.085 ppbv
RT: 4.073 min Scan# 457
Delta R.T. 0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45



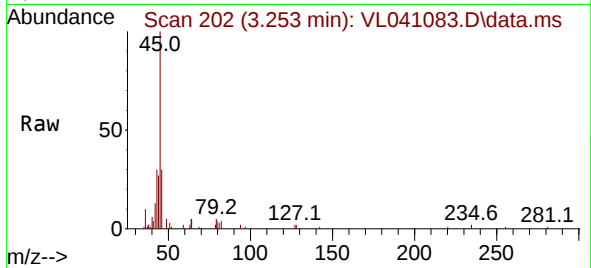
Tgt Ion:101 Resp: 339098
Ion Ratio Lower Upper
101 100
151 71.3 55.8 83.8





#13
Ethanol
Concen: 2.169 ppbv
RT: 3.253 min Scan# 202
Delta R.T. 0.013 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

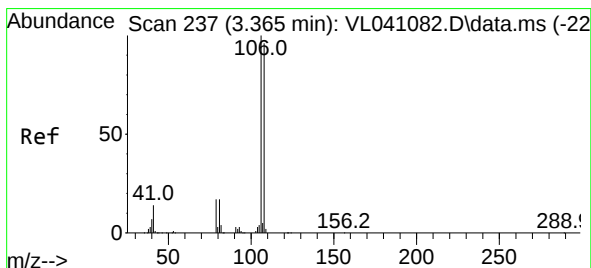
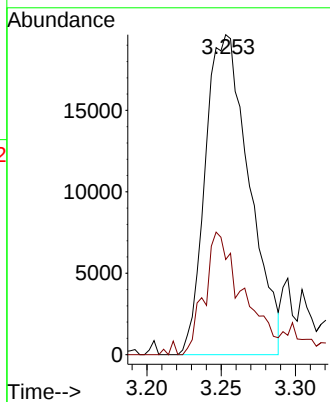
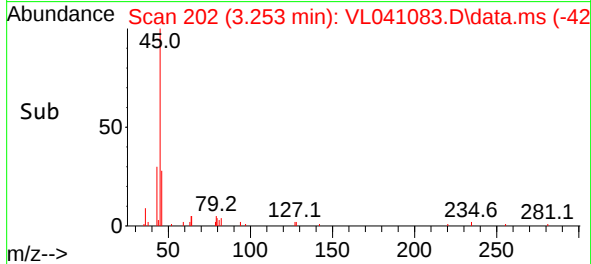
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



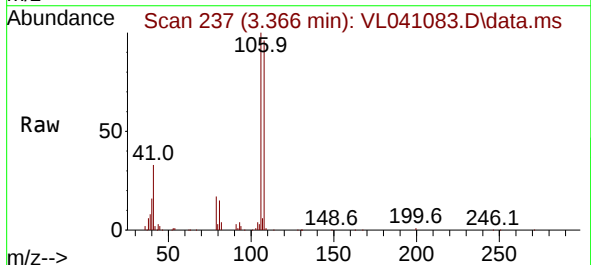
Tgt Ion: 45 Resp: 4042
Ion Ratio Lower Upper
45 100
46 41.5 14.6 58.2

Manual Integrations
APPROVED

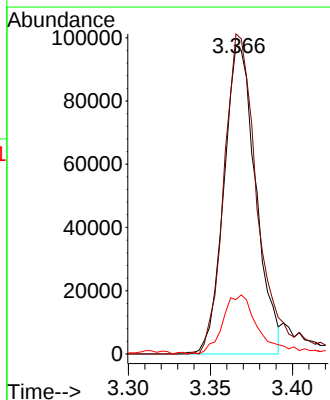
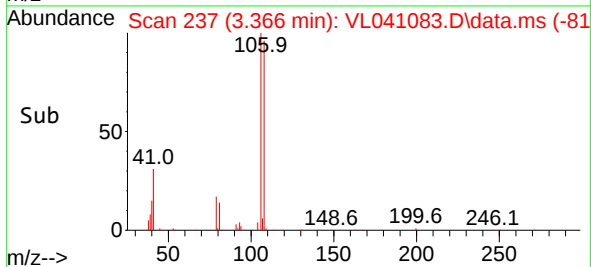
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

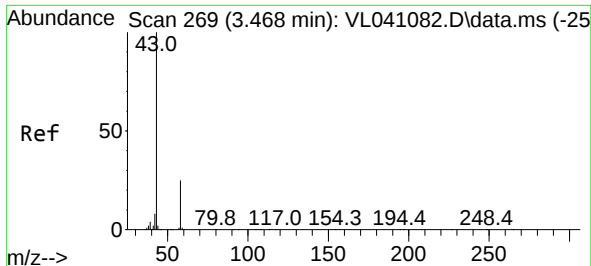


#14
Bromoethene
Concen: 2.074 ppbv
RT: 3.366 min Scan# 237
Delta R.T. 0.000 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45



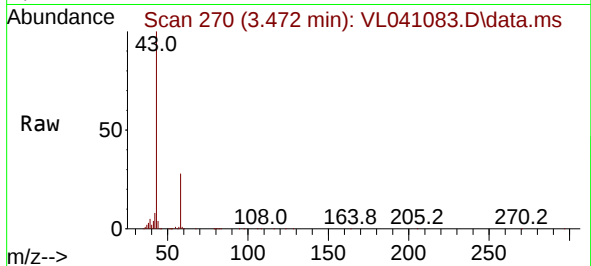
Tgt Ion:108 Resp: 131520
Ion Ratio Lower Upper
108 100
106 113.4 88.1 132.1
79 21.7 15.6 23.4





#15
Acetone
Concen: 2.309 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

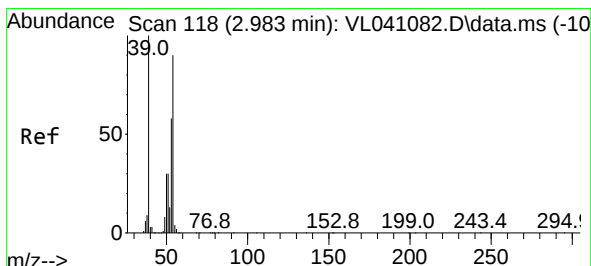
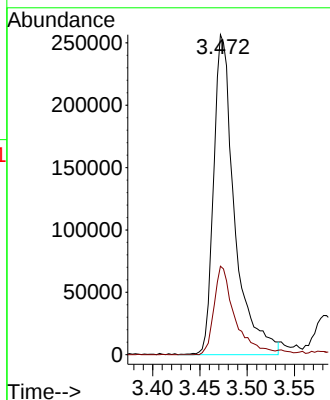
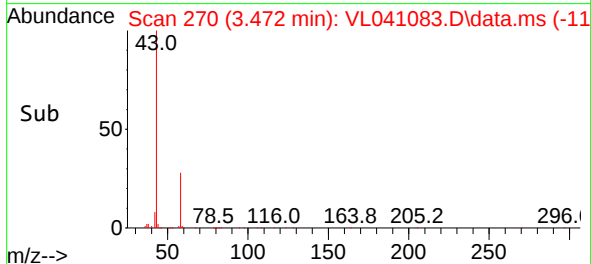
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



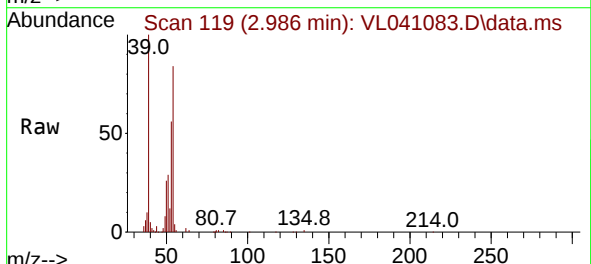
Tgt Ion: 43 Resp: 396079
Ion Ratio Lower Upper
43 100
58 28.7 21.7 32.5

Manual Integrations
APPROVED

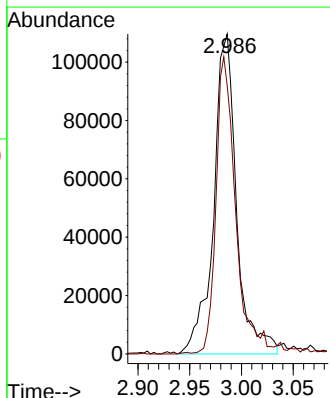
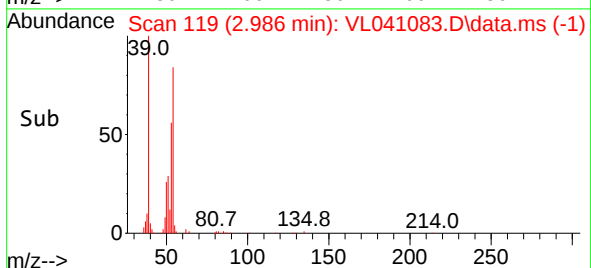
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

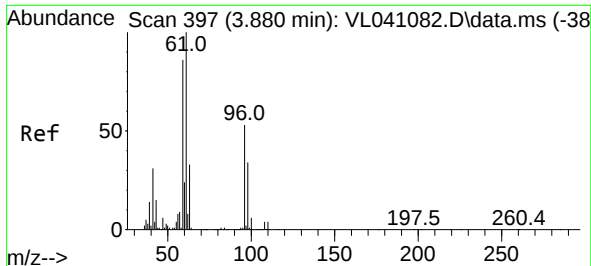


#16
1,3-Butadiene
Concen: 2.098 ppbv m
RT: 2.986 min Scan# 119
Delta R.T. 0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45



Tgt Ion: 39 Resp: 169409
Ion Ratio Lower Upper
39 100
54 82.0 64.0 96.0





#17

tert-Butyl alcohol

Concen: 2.036 ppbv

RT: 3.883 min Scan# 397

Delta R.T. 0.003 min

Lab File: VL041083.D

Acq: 11 Mar 2024 11:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 59 Resp: 259629

Ion Ratio Lower Upper

59 100

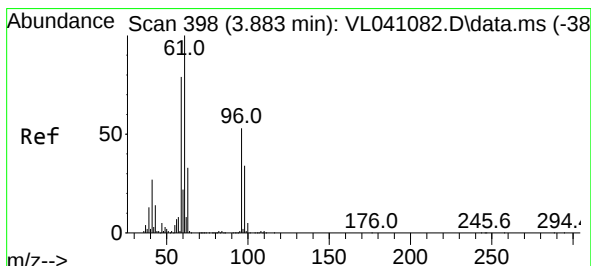
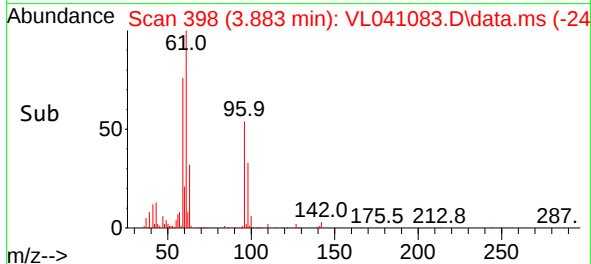
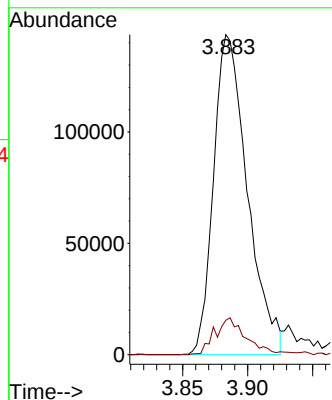
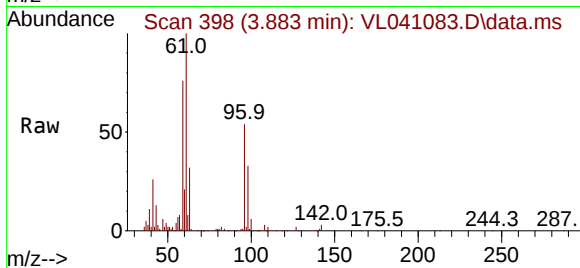
57 11.2 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#18

1,1-Dichloroethene

Concen: 2.074 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.000 min

Lab File: VL041083.D

Acq: 11 Mar 2024 11:45

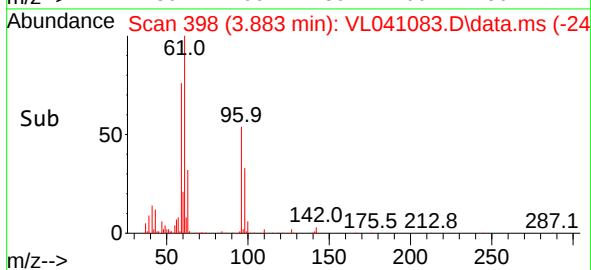
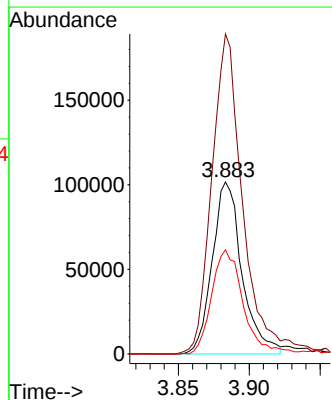
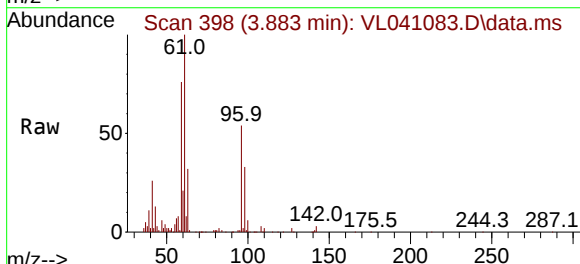
Tgt Ion: 96 Resp: 148534

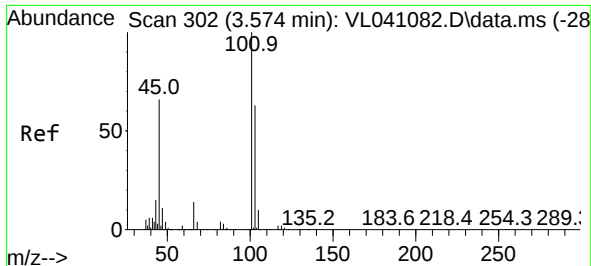
Ion Ratio Lower Upper

96 100

61 185.4 150.2 225.2

98 60.6 50.7 76.1





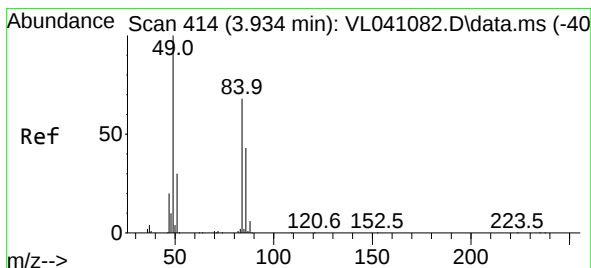
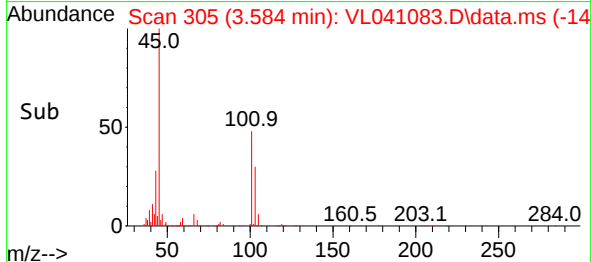
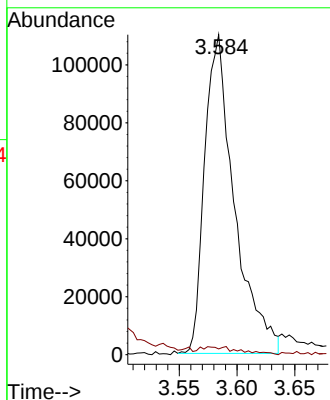
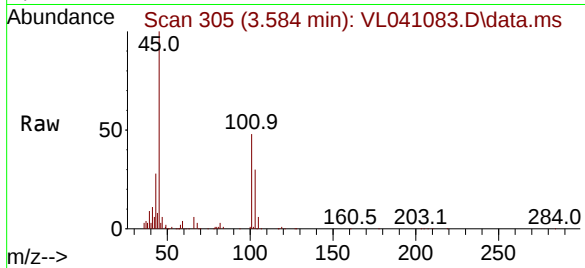
#19
Isopropyl Alcohol
Concen: 2.156 ppbv
RT: 3.584 min Scan# 302
Delta R.T. 0.010 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 45 Resp: 19754
Ion Ratio Lower Upper
45 100
58 2.7 2.2 3.4

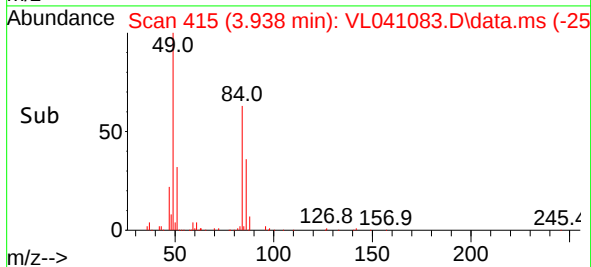
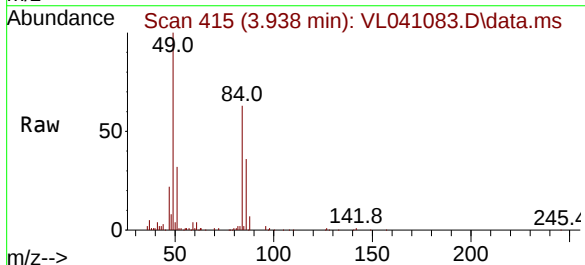
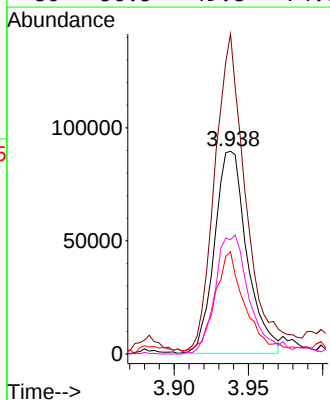
Manual Integrations
APPROVED

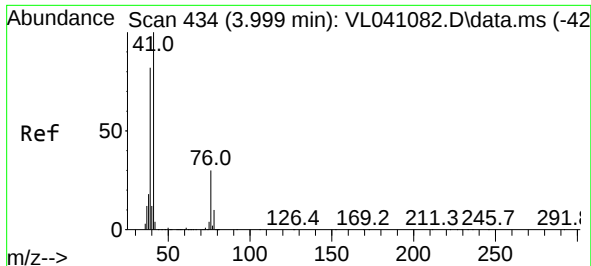
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#20
Methylene Chloride
Concen: 2.038 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

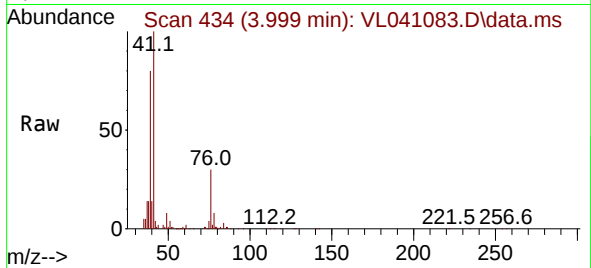
Tgt Ion: 84 Resp: 136280
Ion Ratio Lower Upper
84 100
49 155.8 117.0 175.6
51 48.2 34.9 52.3
86 56.5 49.8 74.6





#21
 Allyl Chloride
 Concen: 2.078 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041083.D
 Acq: 11 Mar 2024 11:45

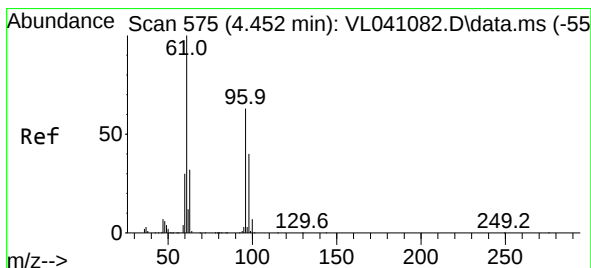
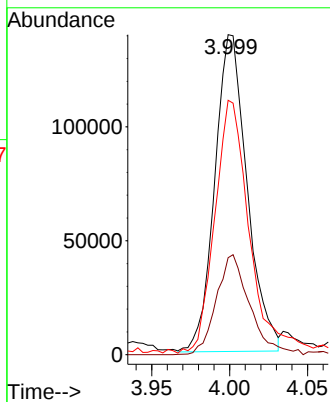
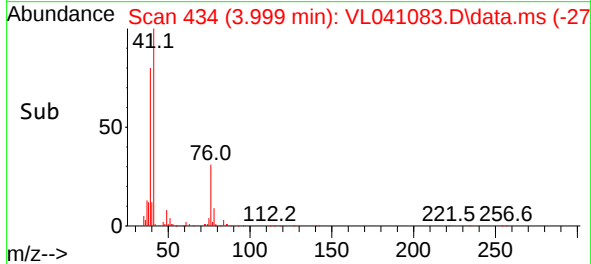
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



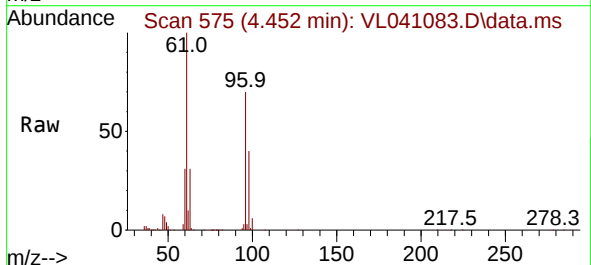
Tgt Ion: 41 Resp: 20135
 Ion Ratio Lower Upper
 41 100
 76 32.5 25.5 38.3
 39 87.0 67.4 101.2

Manual Integrations
 APPROVED

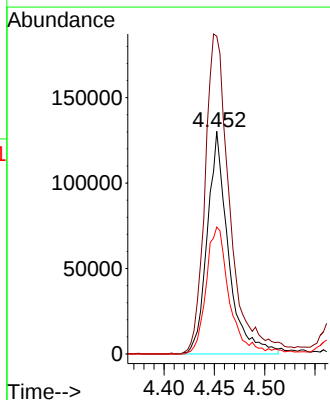
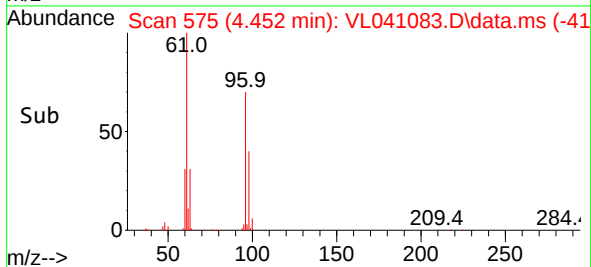
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

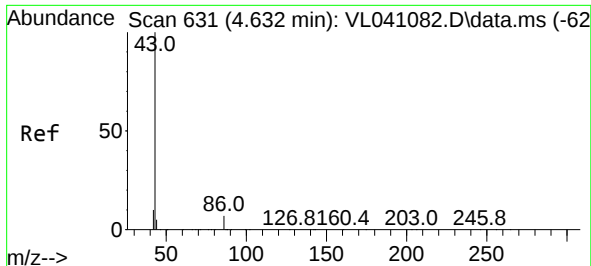


#22
 trans-1,2-Dichloroethene
 Concen: 2.231 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.000 min
 Lab File: VL041083.D
 Acq: 11 Mar 2024 11:45



Tgt Ion: 96 Resp: 190222
 Ion Ratio Lower Upper
 96 100
 61 142.8 126.7 190.1
 98 57.0 50.1 75.1





#23
 Vinyl Acetate
 Concen: 2.146 ppbv
 RT: 4.636 min Scan# 611
 Delta R.T. 0.003 min
 Lab File: VL041083.D
 Acq: 11 Mar 2024 11:45

Instrument :

MSVOA_L

ClientSampleId :

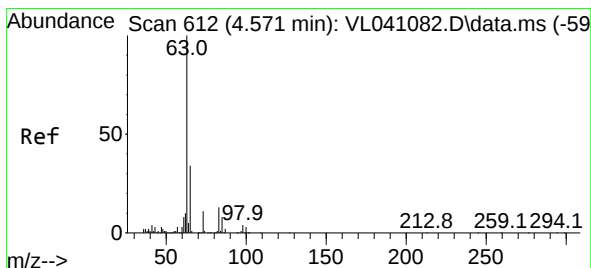
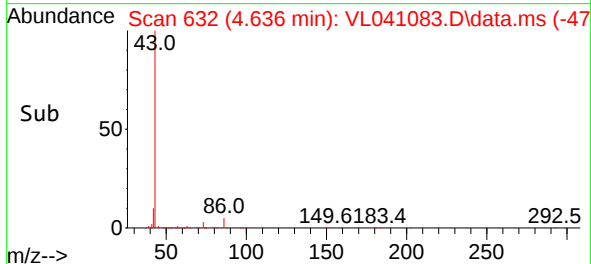
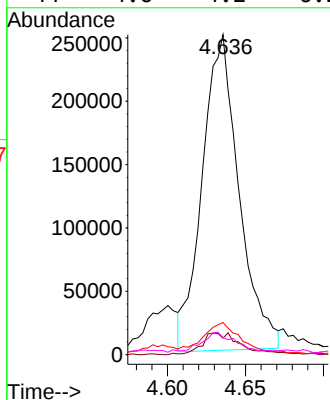
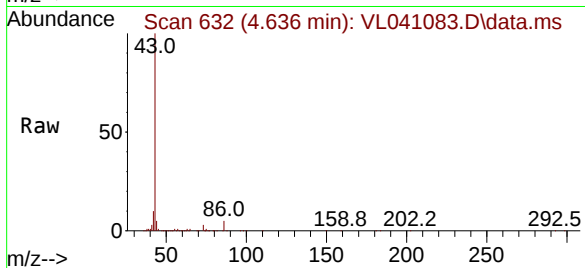
VSTDICC002

Tgt Ion: 43 Resp: 408723
 Ion Ratio Lower Upper
 43 100
 86 5.3 5.4 8.2
 42 9.7 8.0 12.0
 44 4.6 4.2 6.2

Manual Integrations

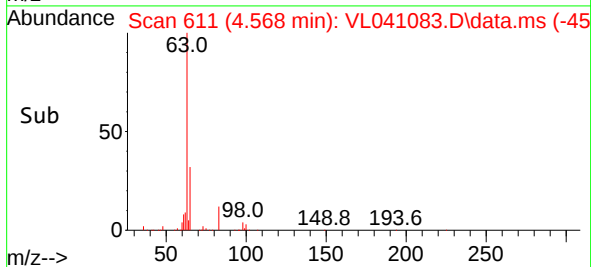
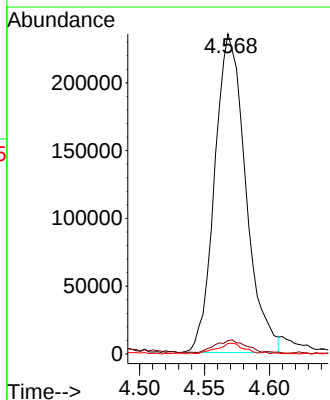
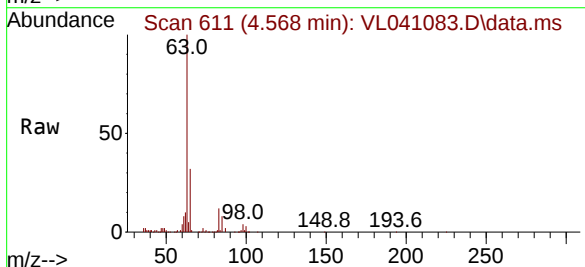
APPROVED

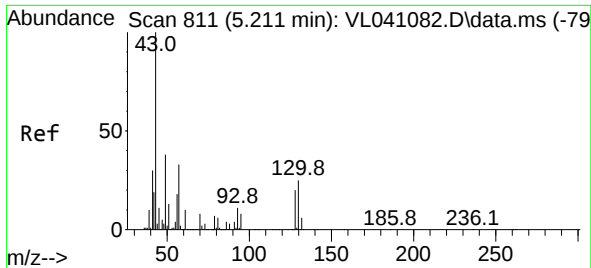
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024



#24
 1,1-Dichloroethane
 Concen: 2.225 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. -0.003 min
 Lab File: VL041083.D
 Acq: 11 Mar 2024 11:45

Tgt Ion: 63 Resp: 390249
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.1 6.5
 100 3.1 1.4 4.2





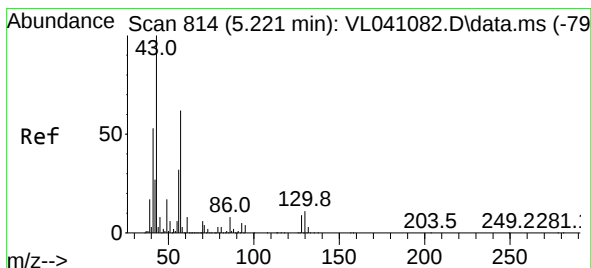
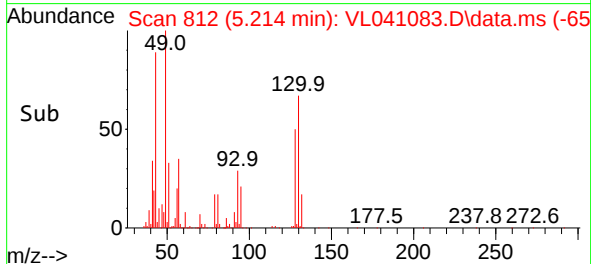
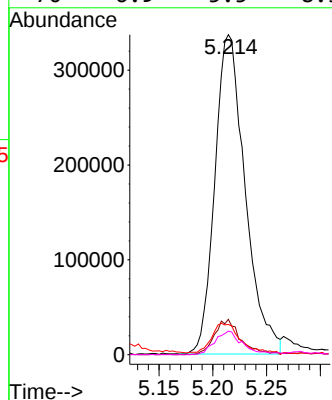
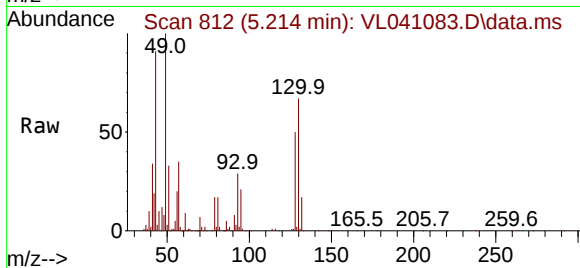
#25
Ethyl Acetate
Concen: 2.136 ppbv
RT: 5.214 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 43 Resp: 660134
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.2
61 10.1 8.2 12.2
70 6.9 5.5 8.3

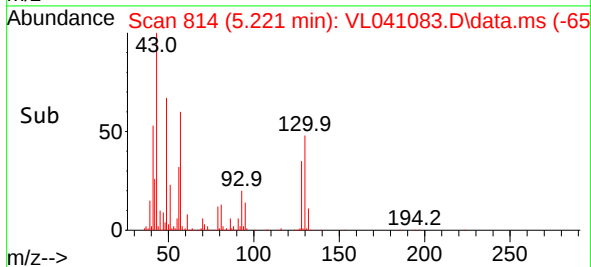
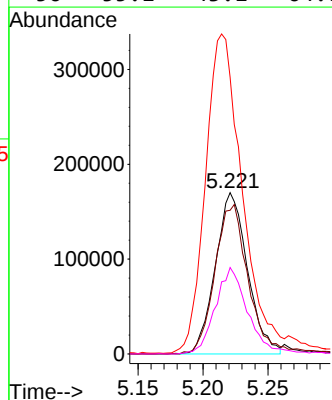
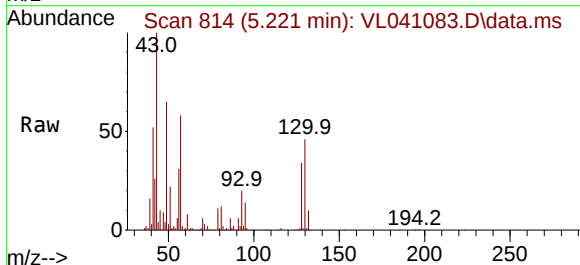
Manual Integrations
APPROVED

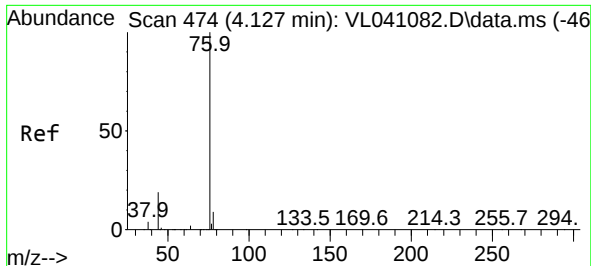
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#26
Hexane
Concen: 2.112 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

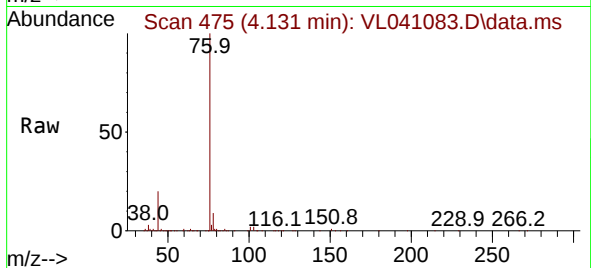
Tgt Ion: 57 Resp: 292777
Ion Ratio Lower Upper
57 100
41 98.8 73.8 110.6
43 235.5 184.2 276.2
56 55.1 43.1 64.7





#27
Carbon Disulfide
Concen: 1.957 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

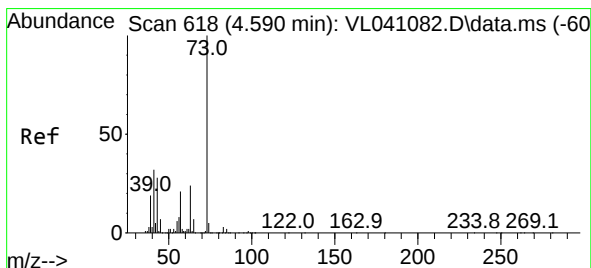
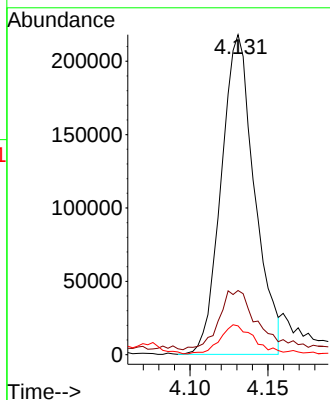
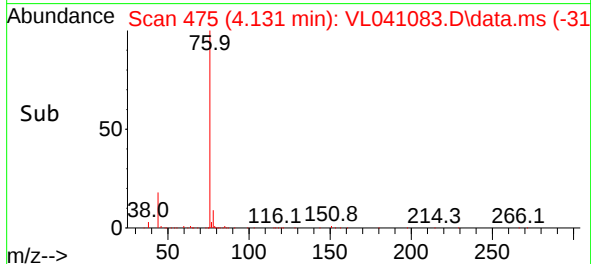
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 76 Resp: 32408
Ion Ratio Lower Upper
76 100
44 25.5 16.0 24.0
78 11.2 7.5 11.3

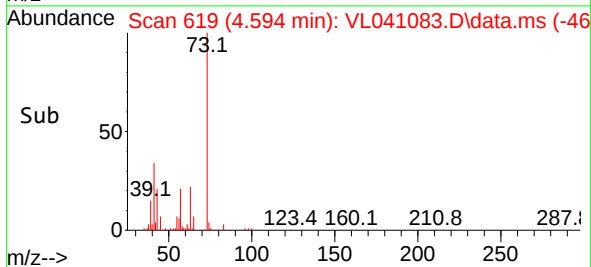
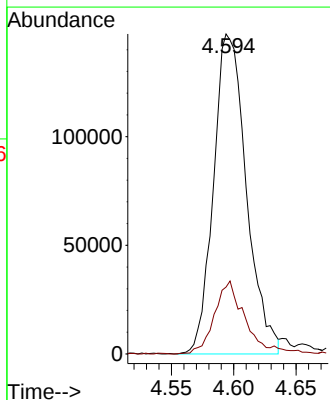
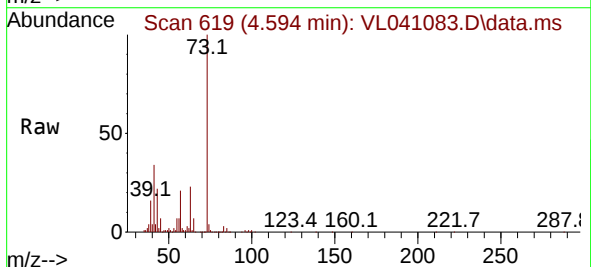
Manual Integrations
APPROVED

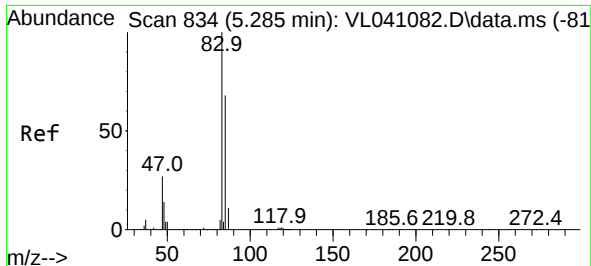
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#28
Methyl tert-Butyl Ether
Concen: 2.213 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

Tgt Ion: 73 Resp: 270307
Ion Ratio Lower Upper
73 100
57 22.0 18.2 27.4





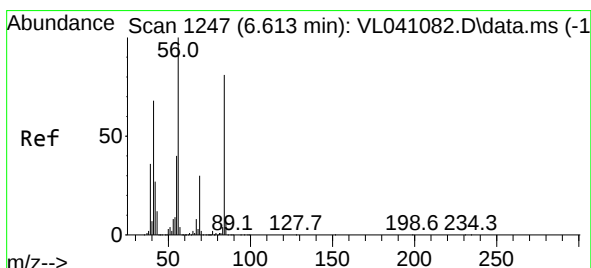
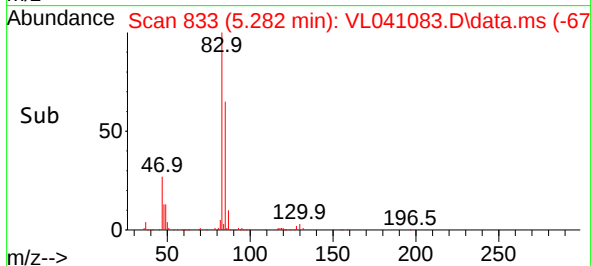
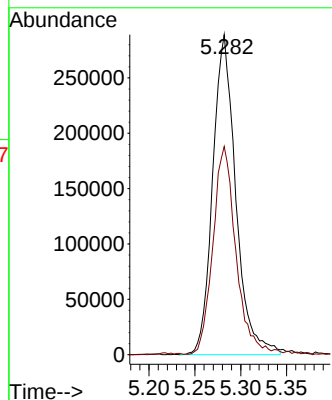
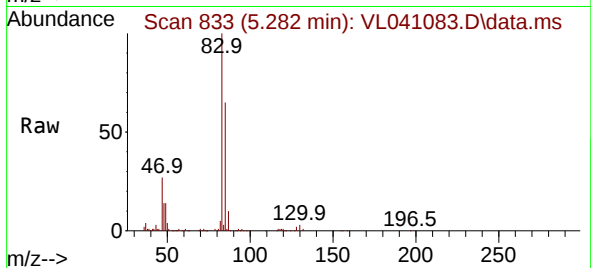
#29
Chloroform
Concen: 2.124 ppbv
RT: 5.282 min Scan# 834
Delta R.T. -0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 506292
Ion Ratio Lower Upper
83 100
85 64.6 54.6 82.0

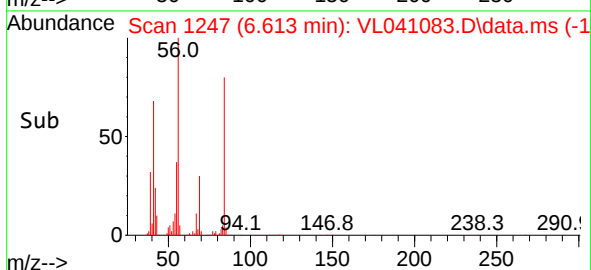
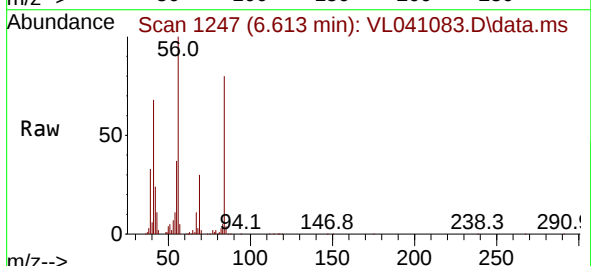
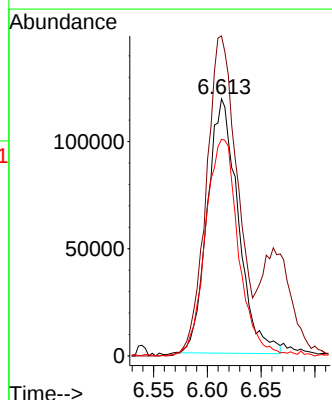
Manual Integrations
APPROVED

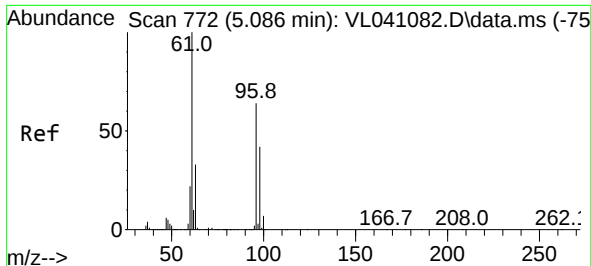
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#30
Cyclohexane
Concen: 2.090 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. 0.000 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

Tgt Ion: 84 Resp: 237108
Ion Ratio Lower Upper
84 100
56 130.6 110.4 165.6
41 91.7 70.6 105.8





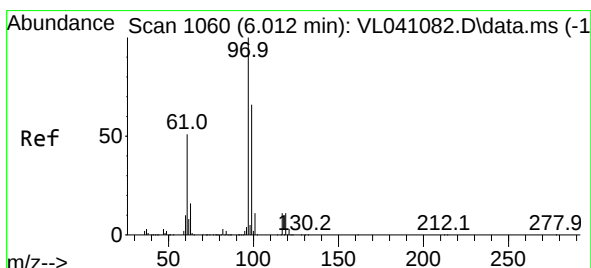
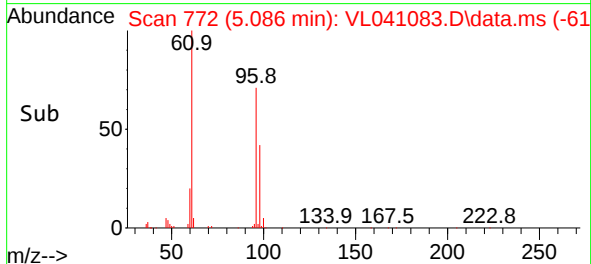
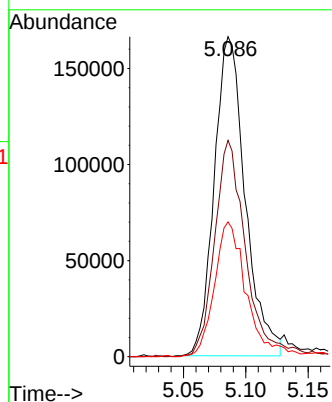
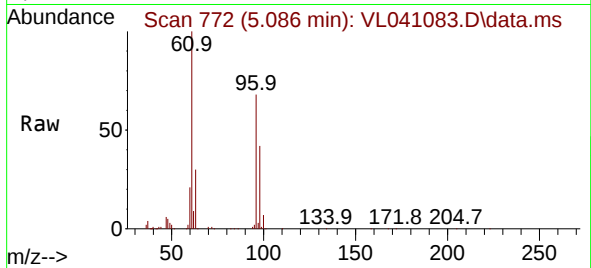
#31
 cis-1,2-Dichloroethene
 Concen: 2.136 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL041083.D
 Acq: 11 Mar 2024 11:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 61 Resp: 28685
 Ion Ratio Lower Upper
 61 100
 96 67.6 51.2 76.8
 98 42.2 33.4 50.0

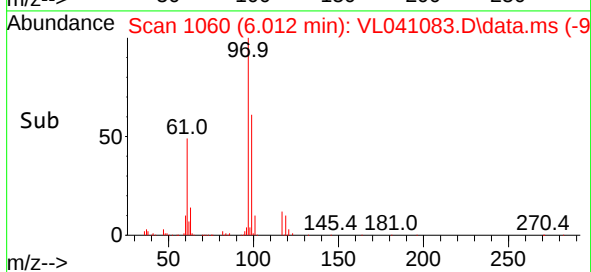
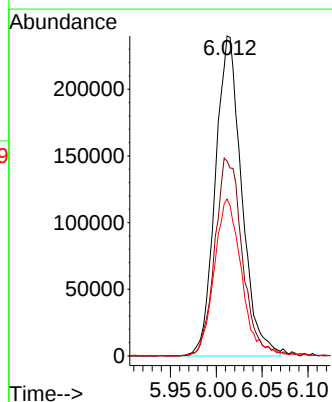
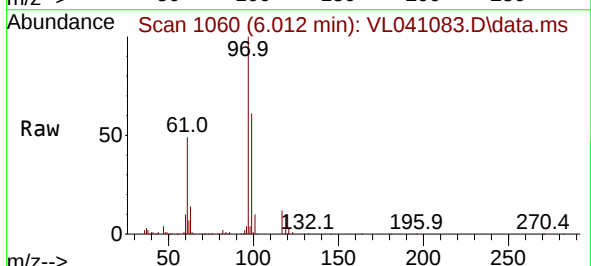
Manual Integrations
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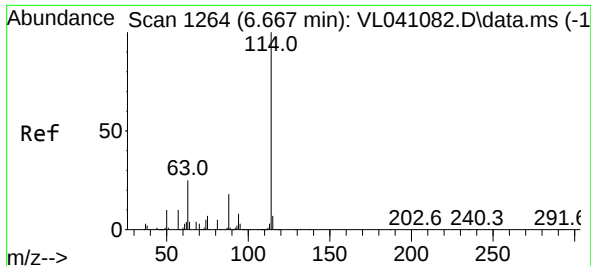
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024



#32
 1,1,1-Trichloroethane
 Concen: 2.242 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. 0.000 min
 Lab File: VL041083.D
 Acq: 11 Mar 2024 11:45

Tgt Ion: 97 Resp: 478832
 Ion Ratio Lower Upper
 97 100
 99 65.1 52.4 78.6
 61 51.5 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL041083.D

Acq: 11 Mar 2024 11:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:114 Resp: 3896914

Ion Ratio Lower Upper

114 100

63 25.3 21.0 31.6

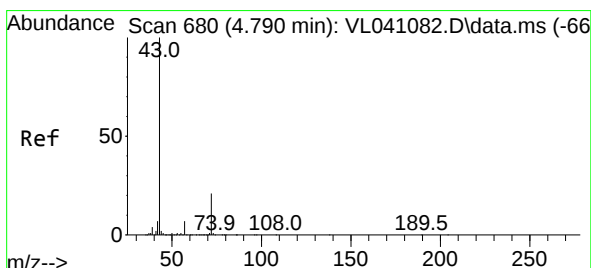
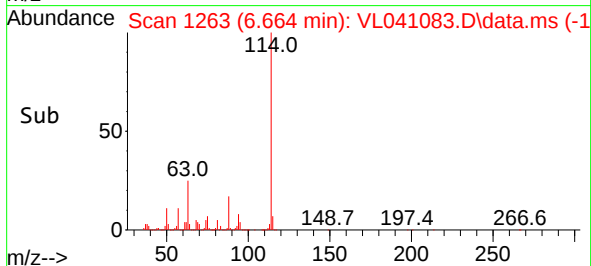
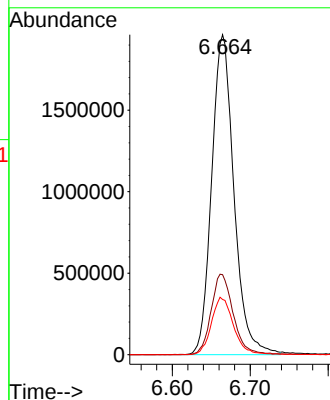
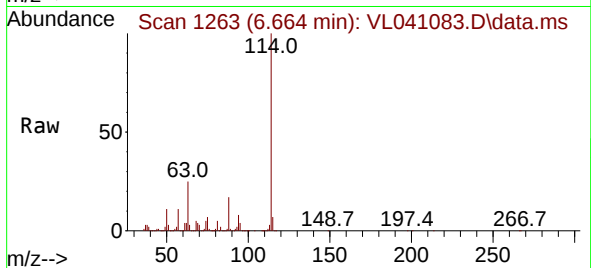
88 17.9 14.6 22.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#34

2-Butanone

Concen: 2.081 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.003 min

Lab File: VL041083.D

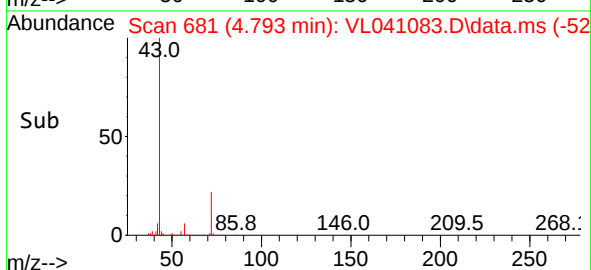
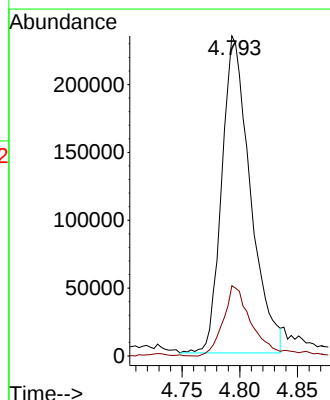
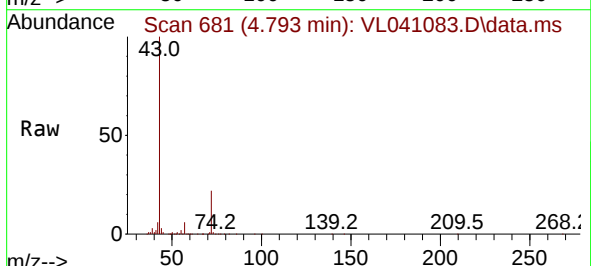
Acq: 11 Mar 2024 11:45

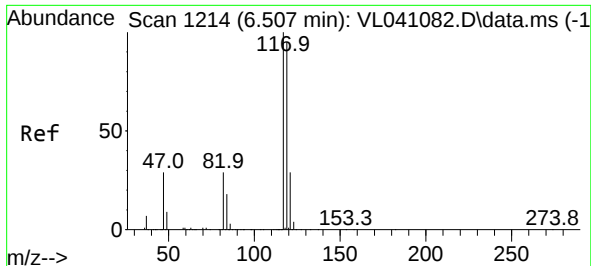
Tgt Ion: 43 Resp: 402543

Ion Ratio Lower Upper

43 100

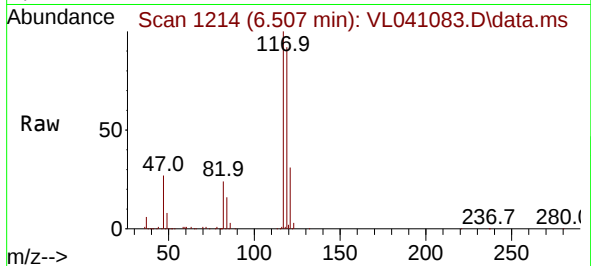
72 23.0 17.4 26.0





#35
Carbon Tetrachloride
Concen: 2.206 ppbv
RT: 6.507 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

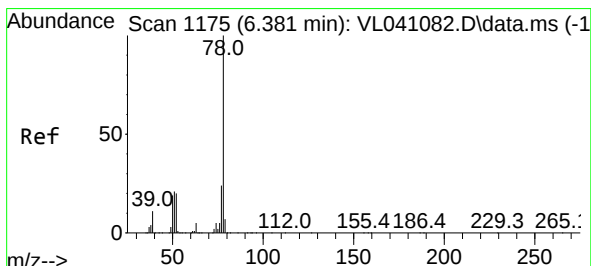
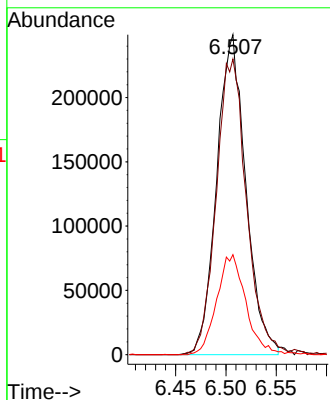
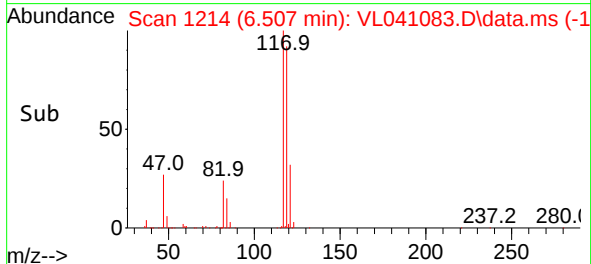
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



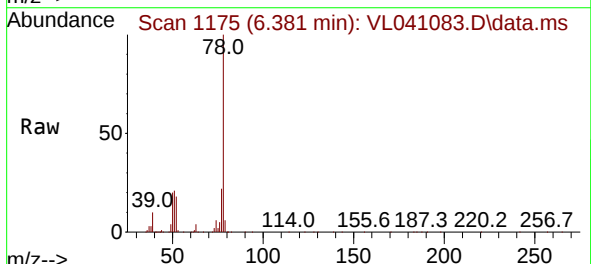
Tgt Ion: 117 Resp: 50045
Ion Ratio Lower Upper
117 100
119 92.4 75.6 113.4
121 31.2 23.4 35.2

Manual Integrations
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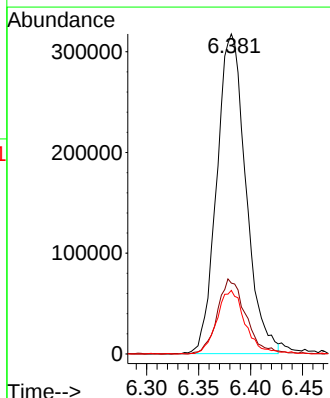
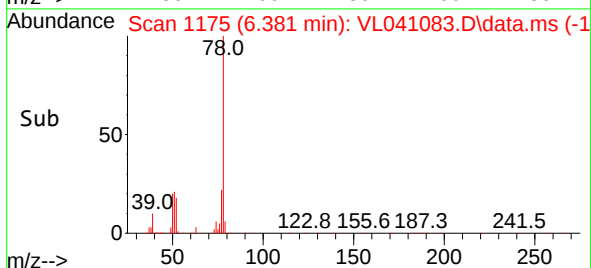
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

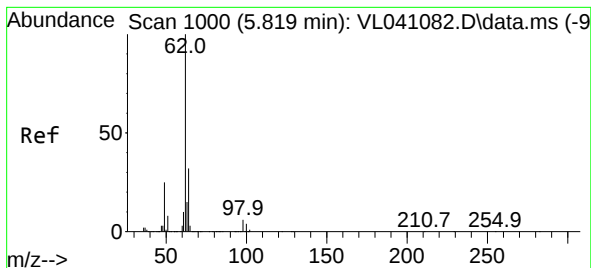


#36
Benzene
Concen: 2.127 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45



Tgt Ion: 78 Resp: 617086
Ion Ratio Lower Upper
78 100
77 22.1 18.8 28.2
50 19.9 15.5 23.3





#37

1,2-Dichloroethane

Concen: 2.041 ppbv

RT: 5.816 min Scan# 999

Delta R.T. -0.003 min

Lab File: VL041083.D

Acq: 11 Mar 2024 11:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 62 Resp: 35616

Ion Ratio Lower Upper

62 100

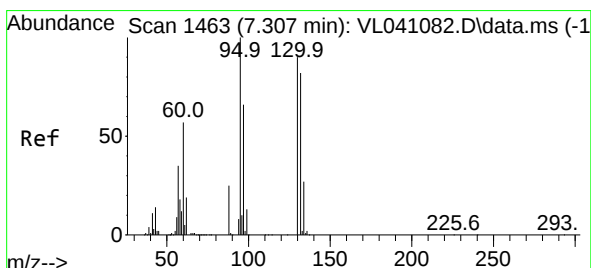
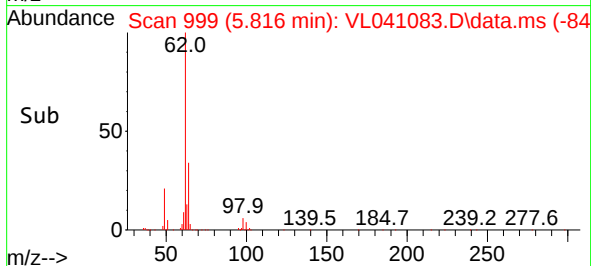
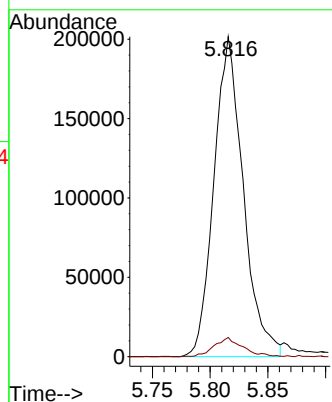
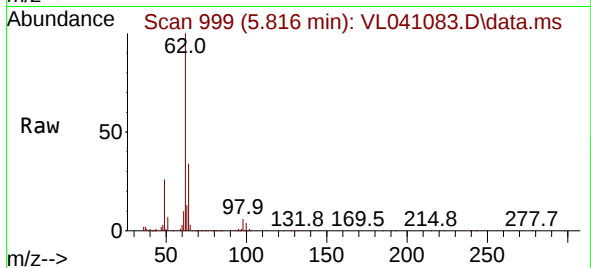
98 6.1 4.6 6.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#38

Trichloroethene

Concen: 2.165 ppbv

RT: 7.304 min Scan# 1462

Delta R.T. -0.003 min

Lab File: VL041083.D

Acq: 11 Mar 2024 11:45

Tgt Ion:130 Resp: 234502

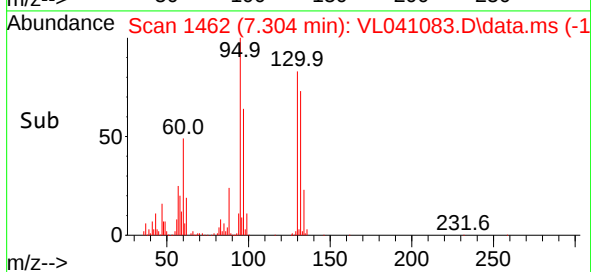
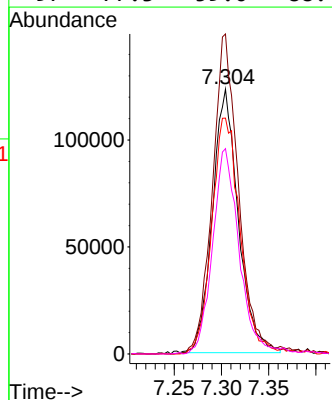
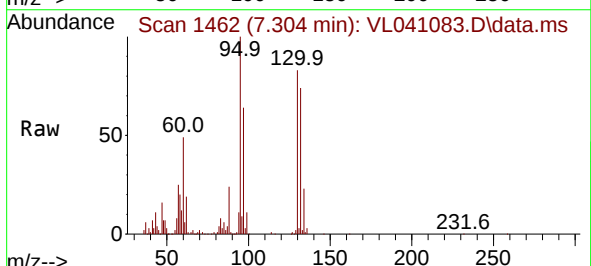
Ion Ratio Lower Upper

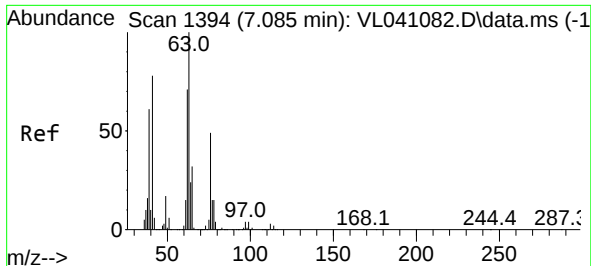
130 100

95 121.1 88.8 133.2

132 89.5 73.0 109.4

97 77.3 59.0 88.4





#39

1,2-Dichloropropane

Concen: 2.102 ppbv

RT: 7.082 min Scan# 1393

Delta R.T. -0.003 min

Lab File: VL041083.D

Acq: 11 Mar 2024 11:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 63 Resp: 24378

Ion Ratio Lower Upper

63 100

41 74.2 62.2 93.4

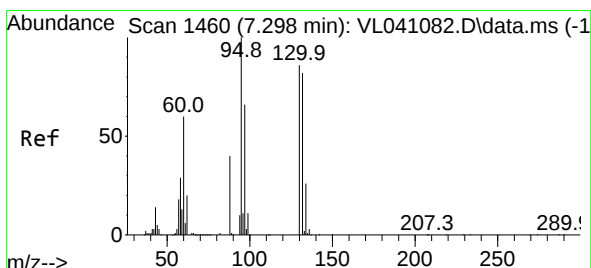
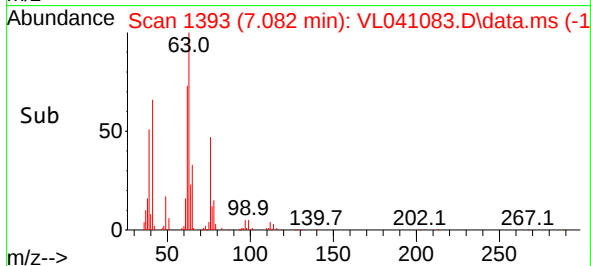
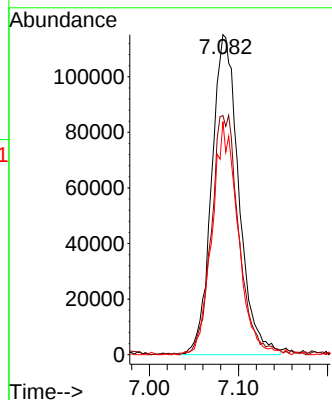
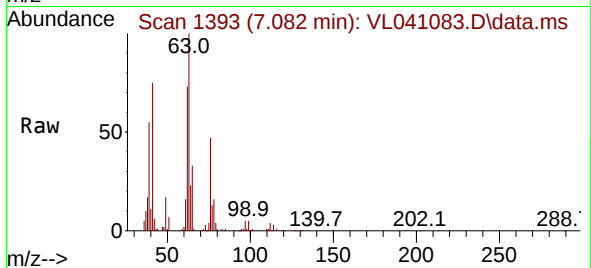
62 72.9 57.0 85.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#40

1,4-Dioxane

Concen: 2.031 ppbv

RT: 7.308 min Scan# 1463

Delta R.T. 0.010 min

Lab File: VL041083.D

Acq: 11 Mar 2024 11:45

Tgt Ion: 88 Resp: 92883

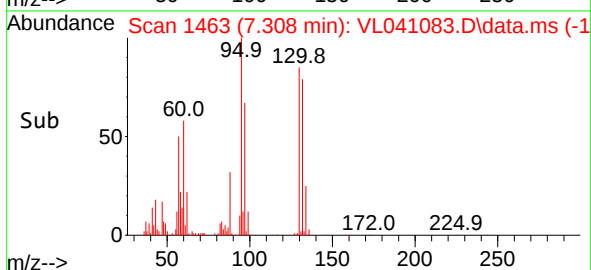
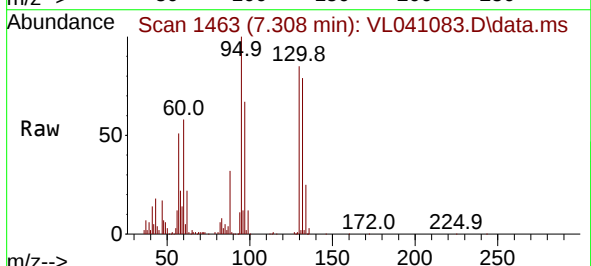
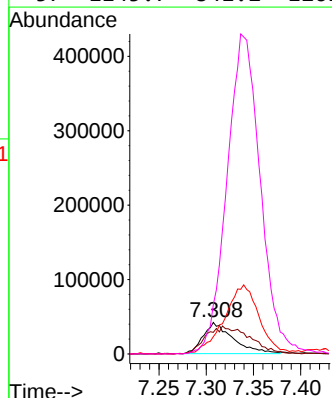
Ion Ratio Lower Upper

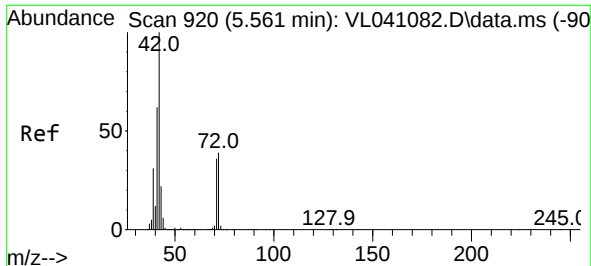
88 100

58 131.5 96.3 144.5

43 259.9 195.7 293.5

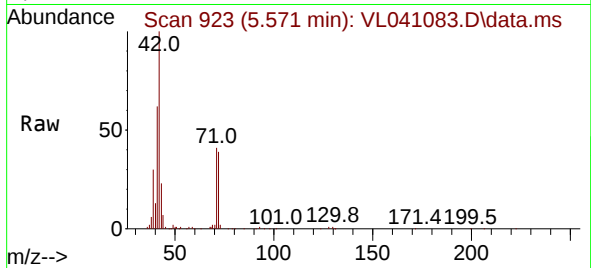
57 1145.7 841.2 1261.8





#41
Tetrahydrofuran
Concen: 2.008 ppbv
RT: 5.571 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

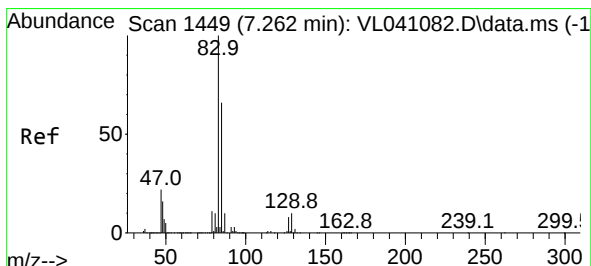
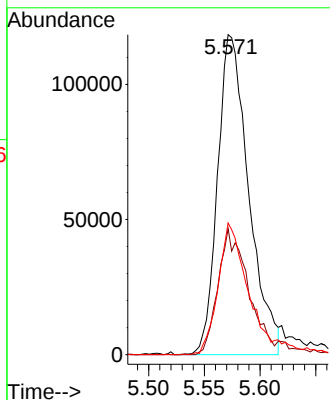
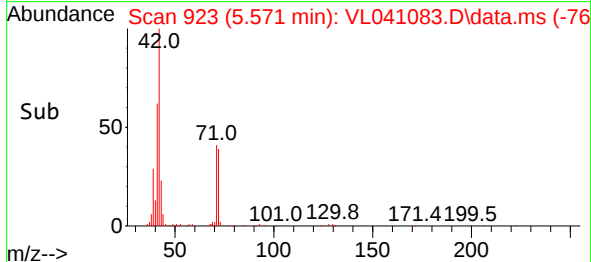
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



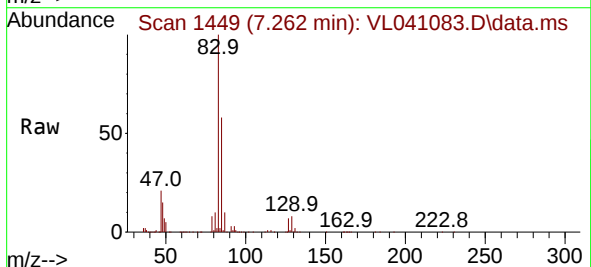
Tgt Ion: 42 Resp: 23048
Ion Ratio Lower Upper
42 100
72 41.5 30.7 46.1
71 42.3 29.6 44.4

Manual Integrations
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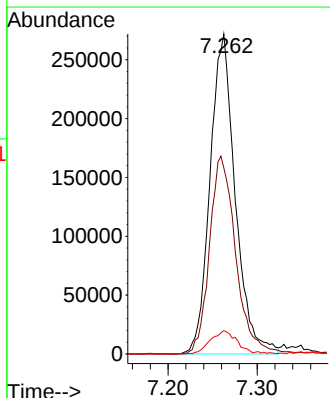
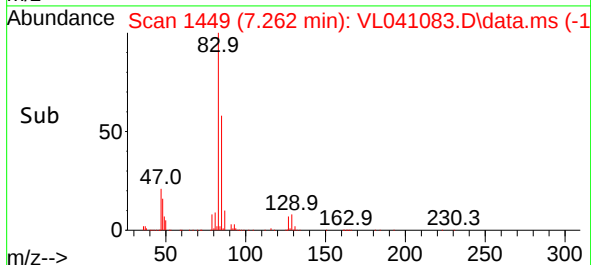
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

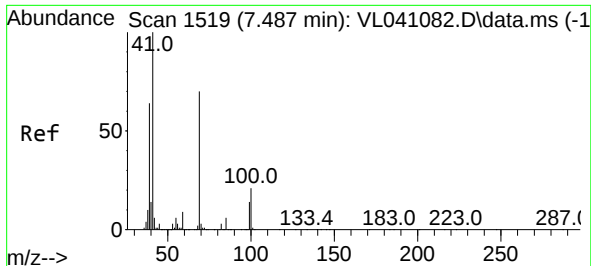


#42
Bromodichloromethane
Concen: 2.137 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45



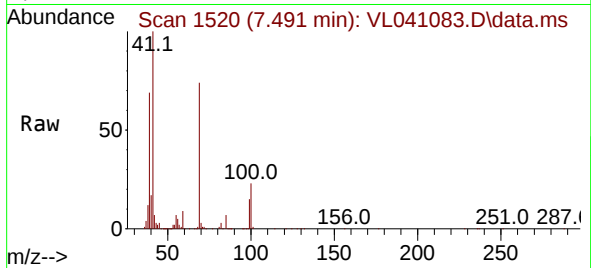
Tgt Ion: 83 Resp: 534289
Ion Ratio Lower Upper
83 100
85 58.2 53.1 79.7
127 7.3 6.2 9.4





#43
Methyl Methacrylate
Concen: 2.096 ppbv
RT: 7.491 min Scan# 1519
Delta R.T. 0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

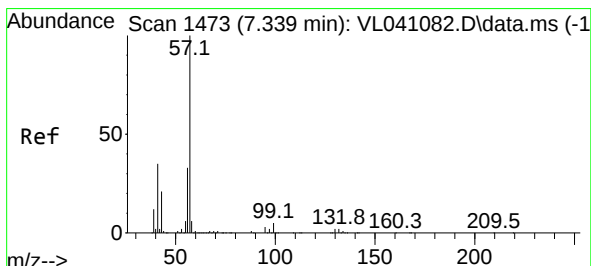
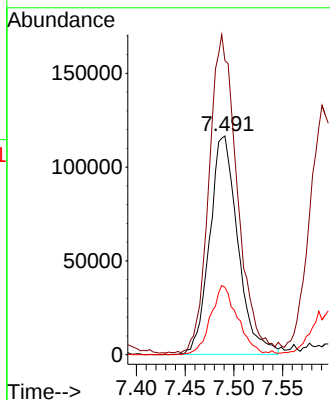
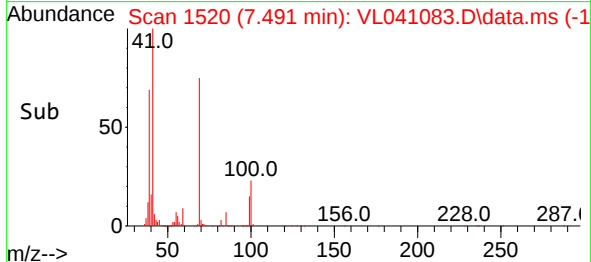
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 69 Resp: 23485
Ion Ratio Lower Upper
69 100
41 147.7 118.2 177.4
100 30.6 24.8 37.2

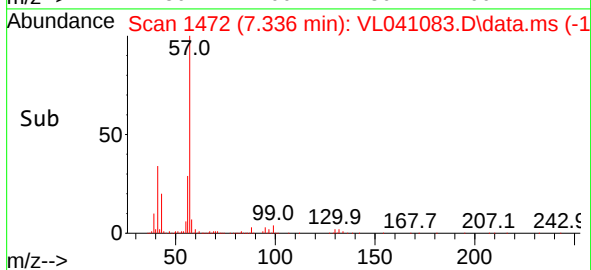
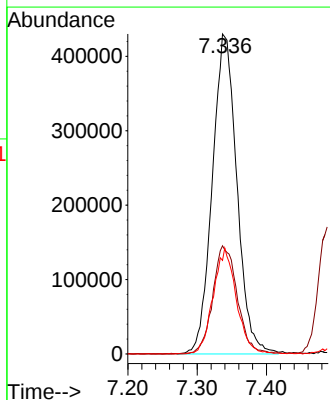
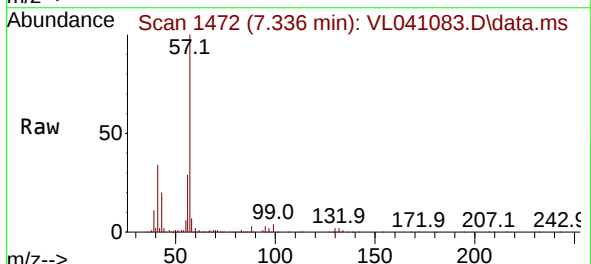
Manual Integrations
APPROVED

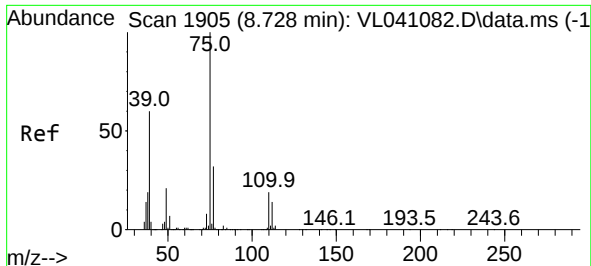
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#44
2,2,4-Trimethylpentane
Concen: 2.186 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. -0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

Tgt Ion: 57 Resp: 1059580
Ion Ratio Lower Upper
57 100
41 34.0 28.0 42.0
56 31.4 25.7 38.5





#45

t-1,3-Dichloropropene

Concen: 1.988 ppbv

RT: 8.722 min Scan# 1905

Delta R.T. -0.006 min

Lab File: VL041083.D

Acq: 11 Mar 2024 11:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 75 Resp: 15471

Ion Ratio Lower Upper

75 100

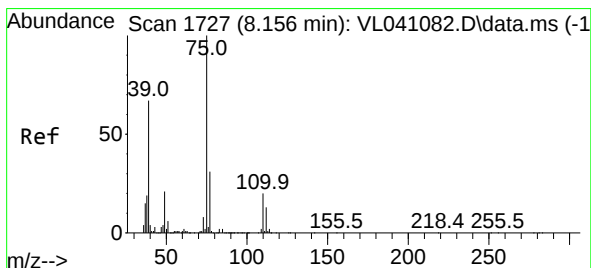
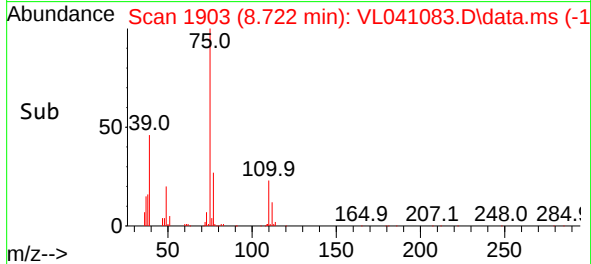
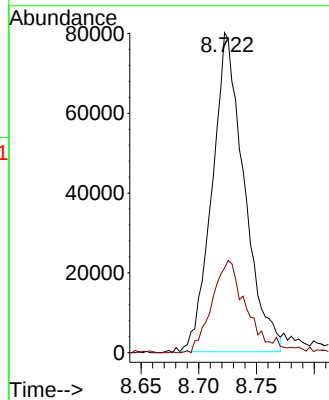
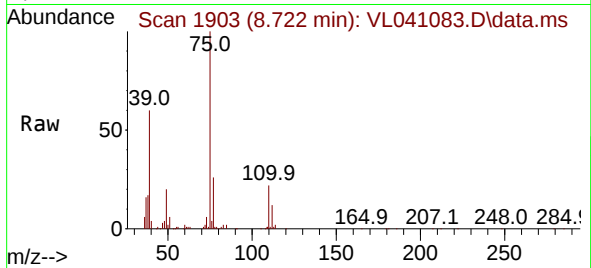
77 27.1 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#46

cis-1,3-Dichloropropene

Concen: 2.056 ppbv

RT: 8.156 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VL041083.D

Acq: 11 Mar 2024 11:45

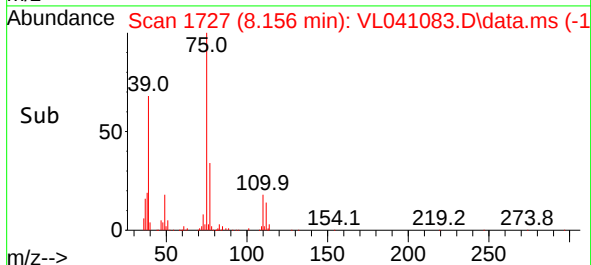
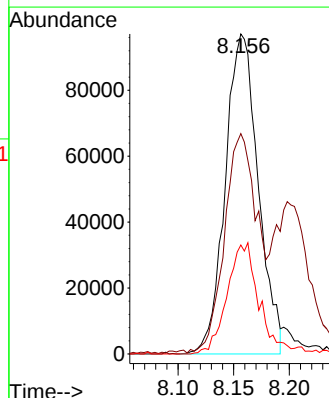
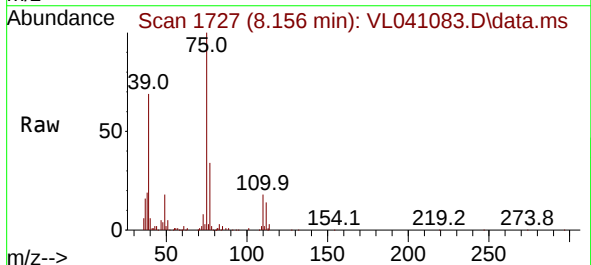
Tgt Ion: 75 Resp: 199391

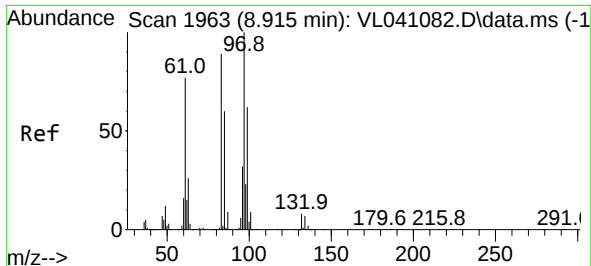
Ion Ratio Lower Upper

75 100

39 67.4 53.3 79.9

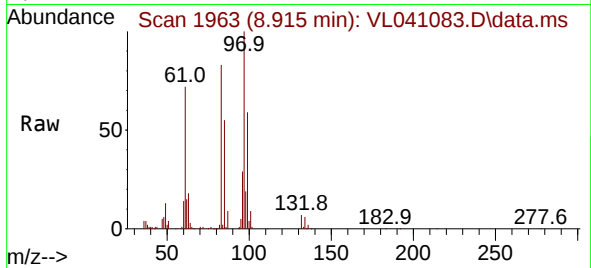
77 34.1 25.2 37.8





#47
1,1,2-Trichloroethane
Concen: 2.068 ppbv
RT: 8.915 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

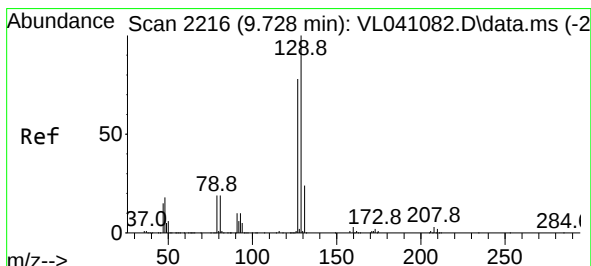
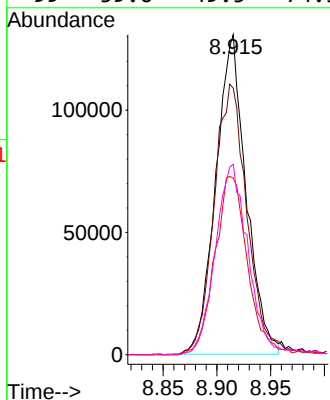
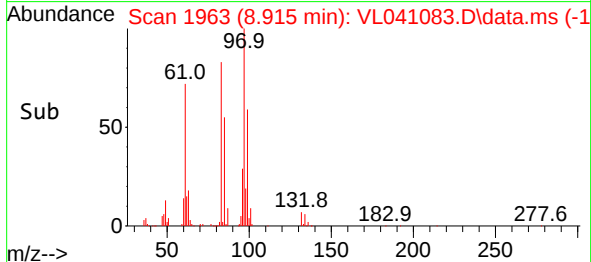
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



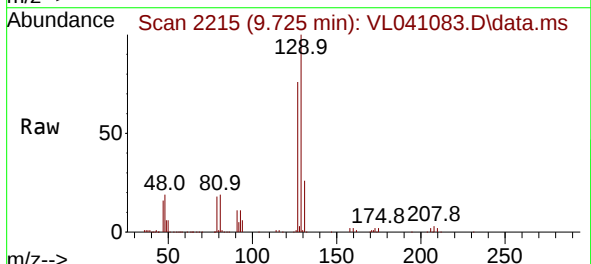
Tgt Ion: 97 Resp: 25634
Ion Ratio Lower Upper
97 100
83 83.4 71.1 106.7
85 55.3 48.2 72.2
99 59.6 49.5 74.3

Manual Integrations
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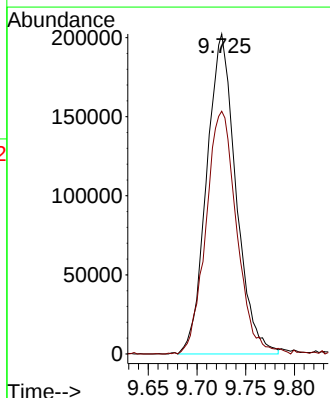
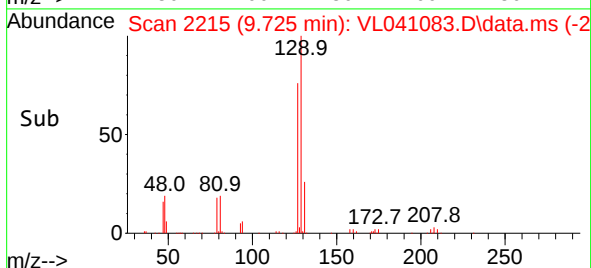
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

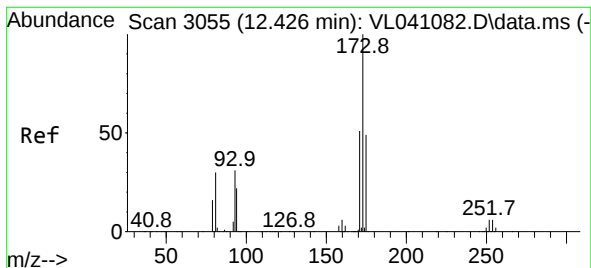


#48
Dibromochloromethane
Concen: 2.097 ppbv
RT: 9.725 min Scan# 2215
Delta R.T. -0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45



Tgt Ion:129 Resp: 423663
Ion Ratio Lower Upper
129 100
127 79.9 39.6 118.8





#49

Bromoform

Concen: 2.106 ppbv

RT: 12.423 min Scan# 3055

Delta R.T. -0.003 min

Lab File: VL041083.D

Acq: 11 Mar 2024 11:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:173 Resp: 337892

Ion Ratio Lower Upper

173 100

175 47.5 39.0 58.6

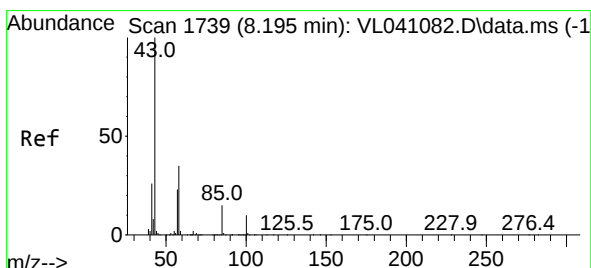
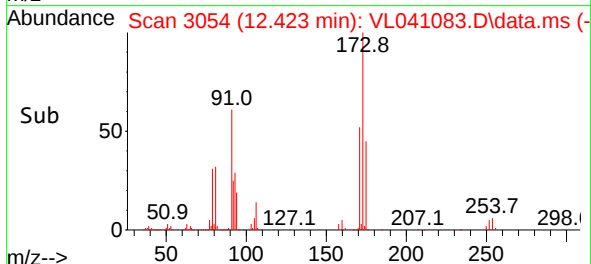
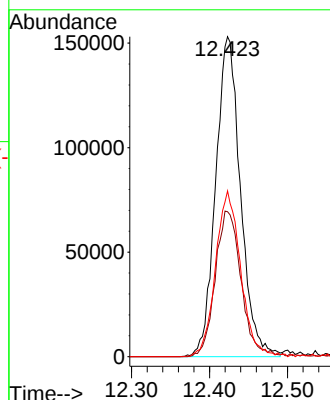
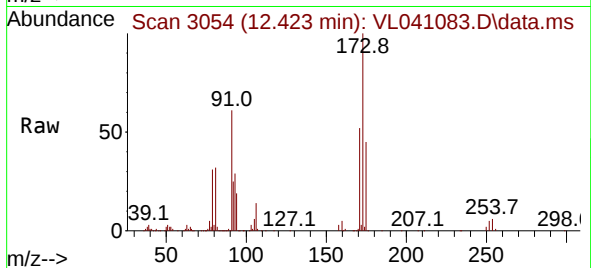
171 52.6 41.8 62.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#50

4-Methyl-2-Pentanone

Concen: 2.239 ppbv

RT: 8.201 min Scan# 1741

Delta R.T. 0.007 min

Lab File: VL041083.D

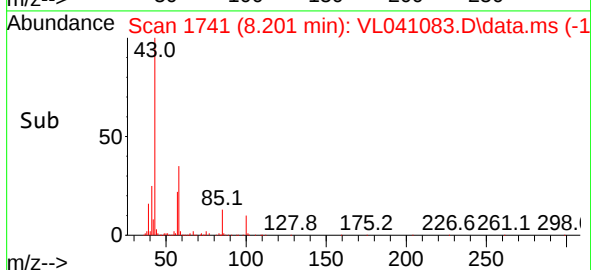
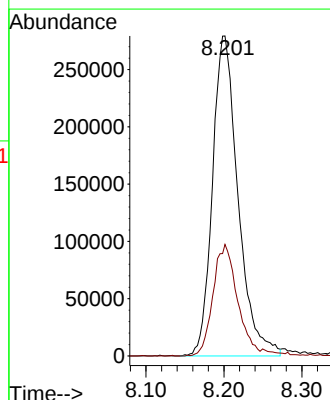
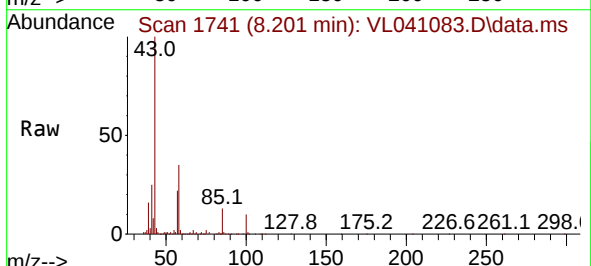
Acq: 11 Mar 2024 11:45

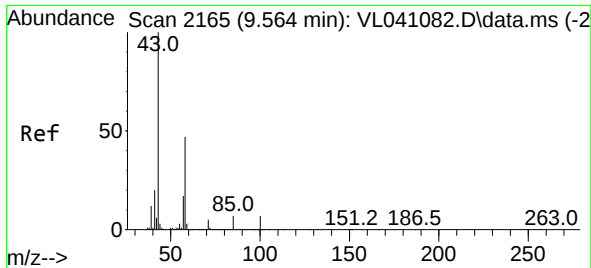
Tgt Ion: 43 Resp: 637119

Ion Ratio Lower Upper

43 100

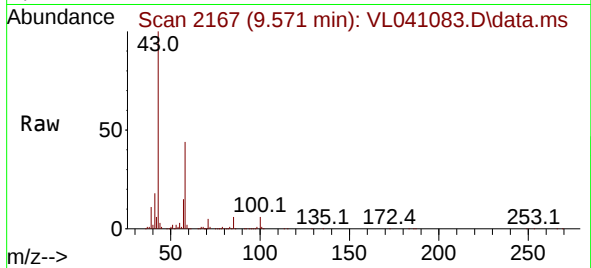
58 34.6 28.3 42.5





#51
2-Hexanone
Concen: 2.091 ppbv
RT: 9.571 min Scan# 2165
Delta R.T. 0.007 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

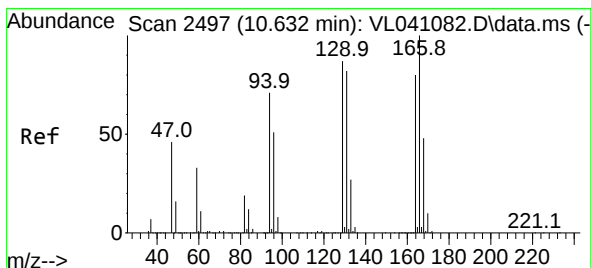
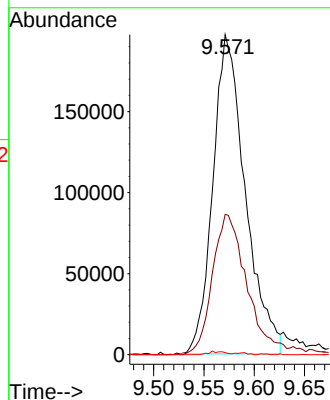
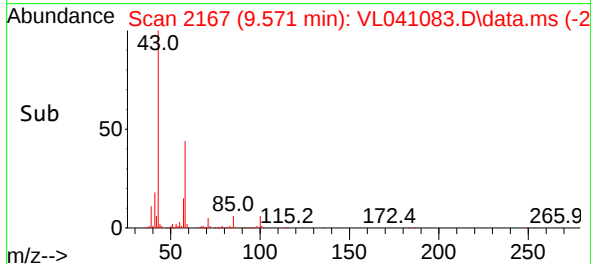
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 43 Resp: 440592
Ion Ratio Lower Upper
43 100
58 49.1 37.4 56.2
98 0.8 0.4 0.6

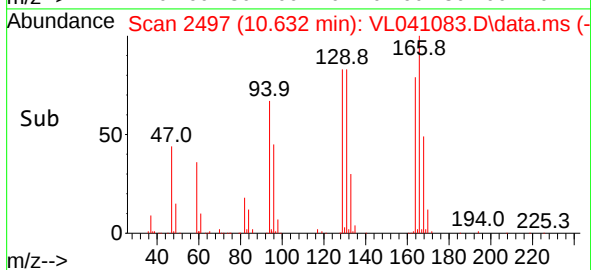
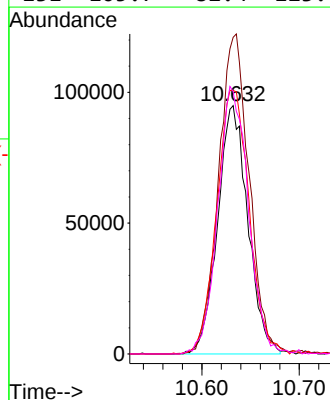
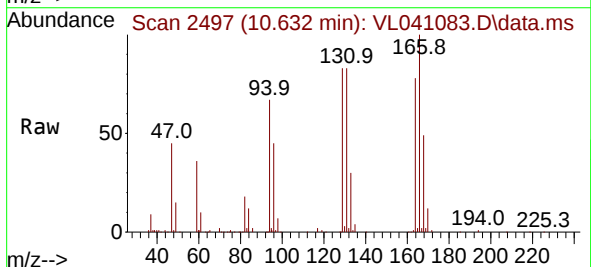
Manual Integrations
APPROVED

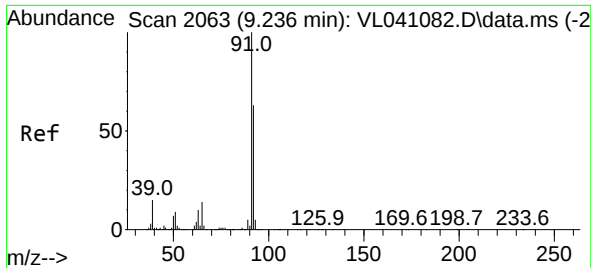
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#52
Tetrachloroethene
Concen: 2.267 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

Tgt Ion:164 Resp: 204507
Ion Ratio Lower Upper
164 100
166 127.3 100.6 150.8
129 106.1 87.2 130.8
131 105.7 82.4 123.6





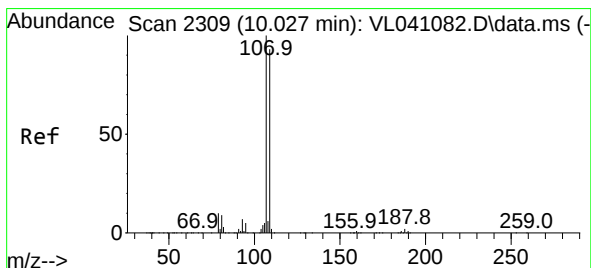
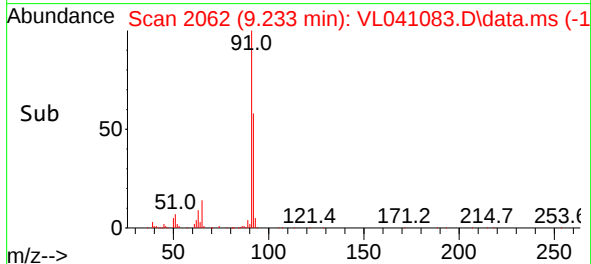
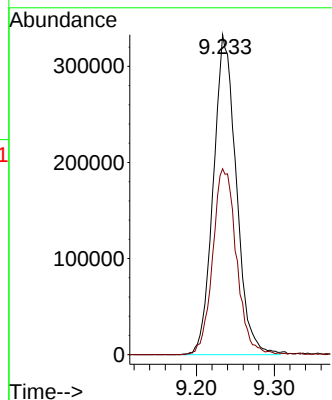
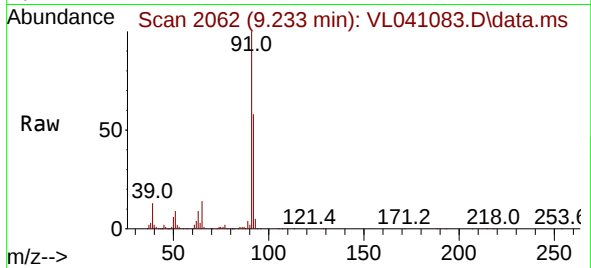
#53
Toluene
Concen: 2.180 ppbv
RT: 9.233 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 681654
Ion Ratio Lower Upper
91 100
92 60.6 48.9 73.3

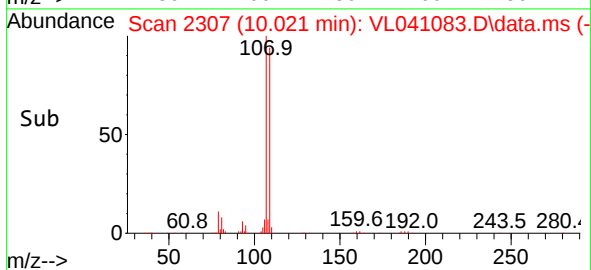
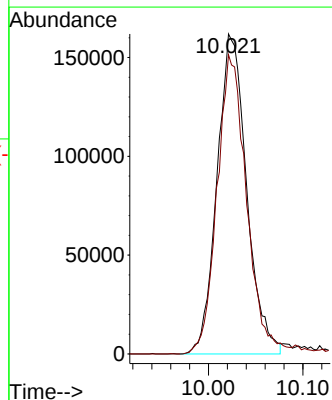
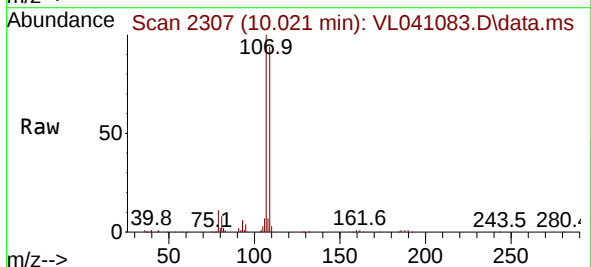
Manual Integrations
APPROVED

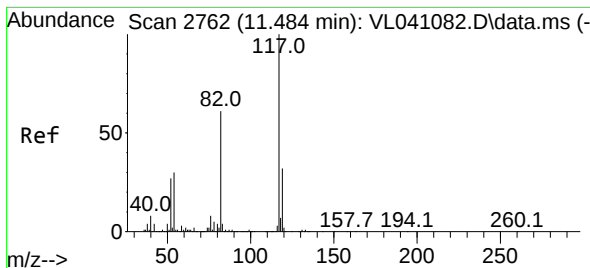
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#54
1,2-Dibromoethane
Concen: 2.212 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. -0.006 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

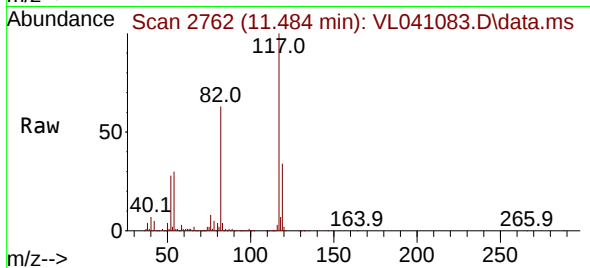
Tgt Ion:107 Resp: 351909
Ion Ratio Lower Upper
107 100
109 93.5 74.4 111.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. 0.000 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

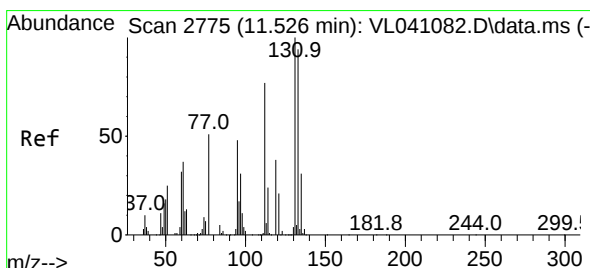
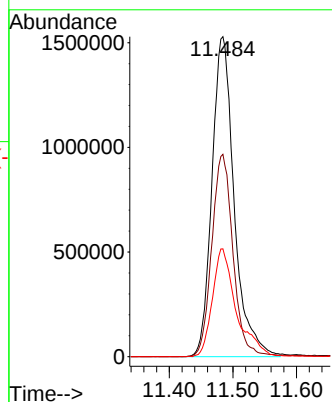
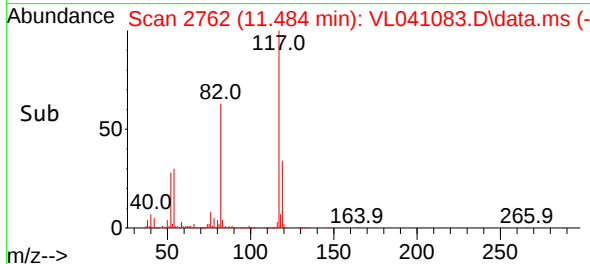
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



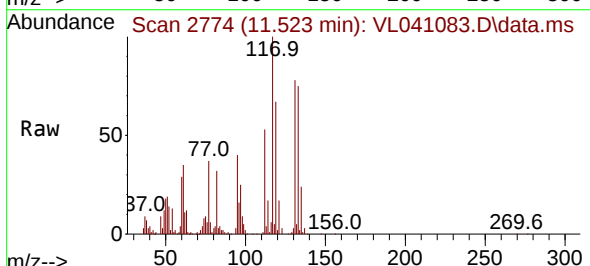
Tgt Ion:117 Resp: 3705350
Ion Ratio Lower Upper
117 100
82 61.0 51.4 77.2
119 36.5 23.7 35.5

Manual Integrations
APPROVED

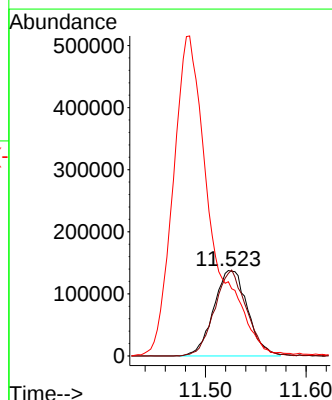
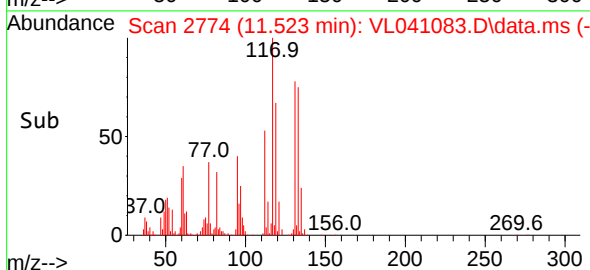
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

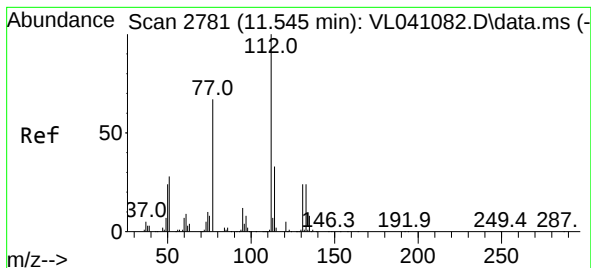


#56
1,1,1,2-Tetrachloroethane
Concen: 2.034 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. -0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45



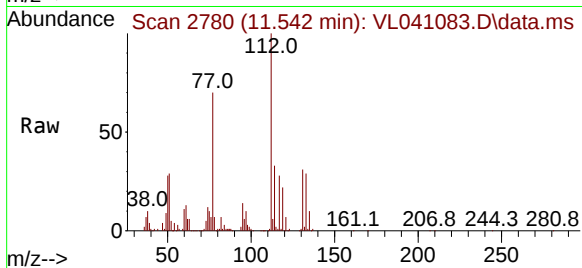
Tgt Ion:131 Resp: 322689
Ion Ratio Lower Upper
131 100
133 95.1 76.1 114.1
119 419.2 51.1 76.7





#57
Chlorobenzene
Concen: 2.029 ppbv
RT: 11.542 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

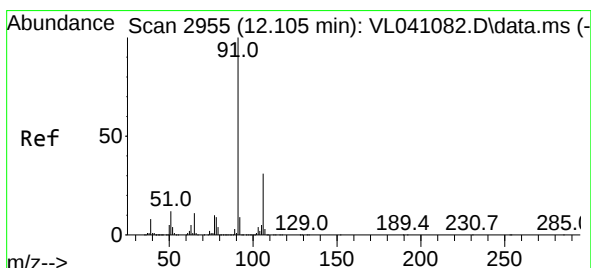
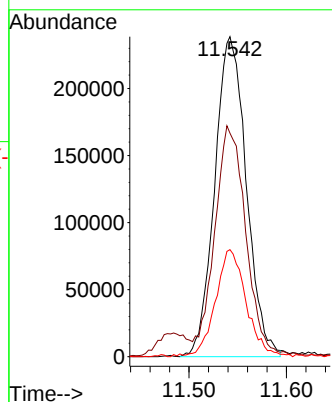
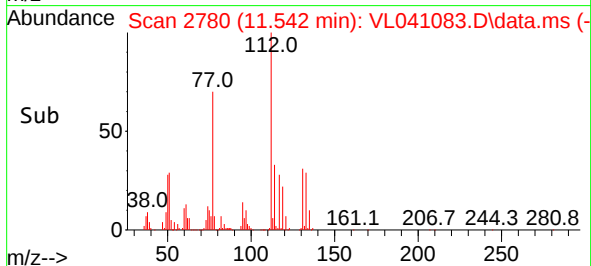
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



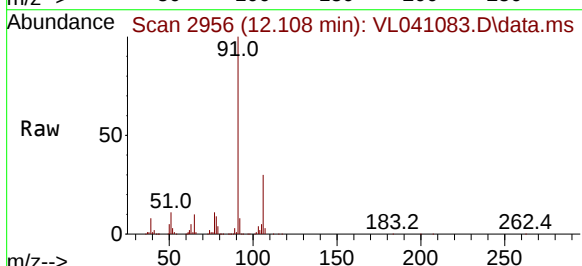
Tgt Ion:112 Resp: 538249
Ion Ratio Lower Upper
112 100
77 68.5 54.6 81.8
114 32.7 29.4 36.0

Manual Integrations
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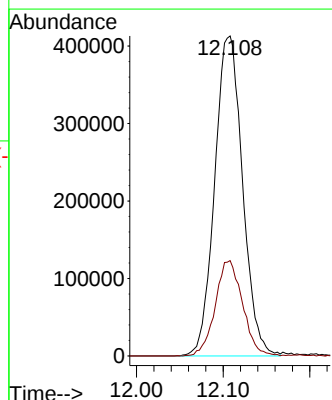
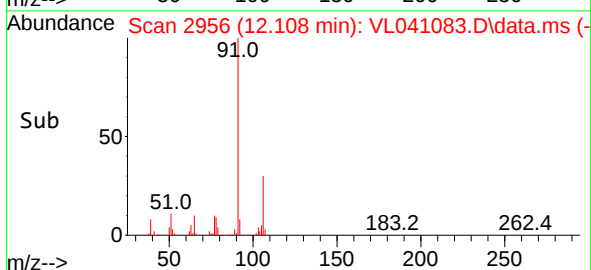
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

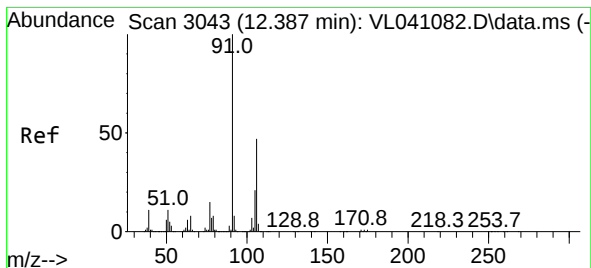


#58
Ethyl Benzene
Concen: 2.131 ppbv
RT: 12.108 min Scan# 2956
Delta R.T. 0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45



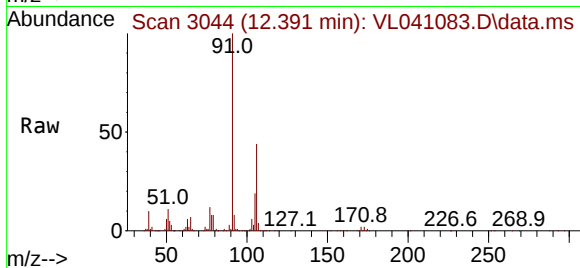
Tgt Ion: 91 Resp: 924445
Ion Ratio Lower Upper
91 100
106 29.7 24.6 36.8





#59
m/p-Xylene
Concen: 4.292 ppbv m
RT: 12.391 min Scan# 3044
Delta R.T. 0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

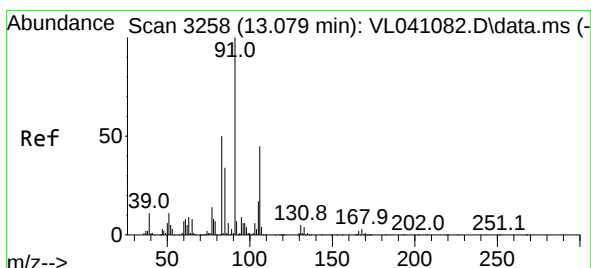
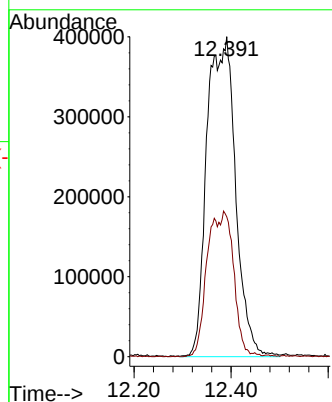
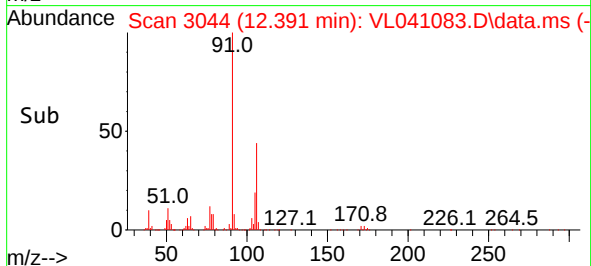
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



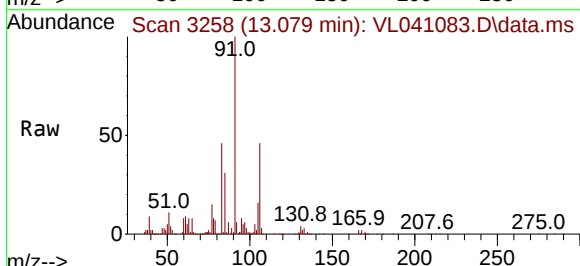
Tgt Ion: 91 Resp: 1634689
Ion Ratio Lower Upper
91 100
106 42.5 35.4 53.2

Manual Integrations
APPROVED

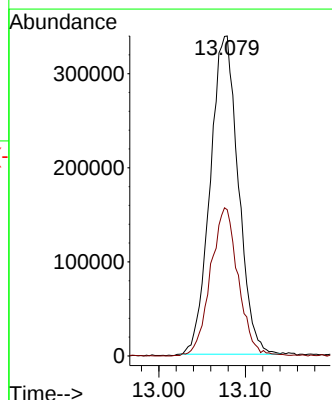
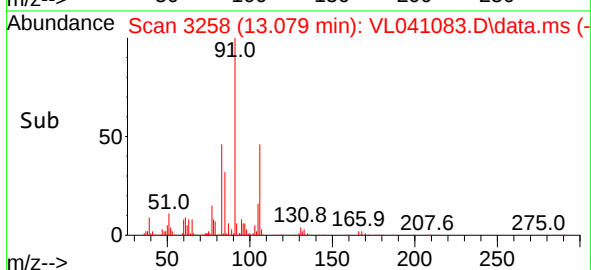
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

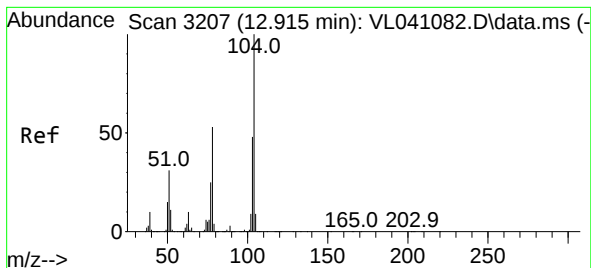


#60
o-Xylene
Concen: 2.117 ppbv
RT: 13.079 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45



Tgt Ion: 91 Resp: 764651
Ion Ratio Lower Upper
91 100
106 46.0 22.4 67.3





#61

Styrene

Concen: 2.013 ppbv

RT: 12.915 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041083.D

Acq: 11 Mar 2024 11:45

Instrument :

MSVOA_L

ClientSampleId :

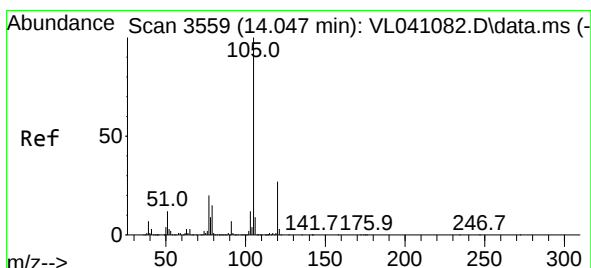
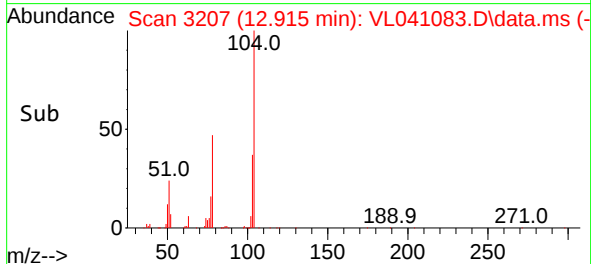
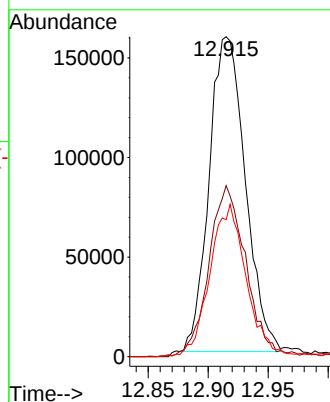
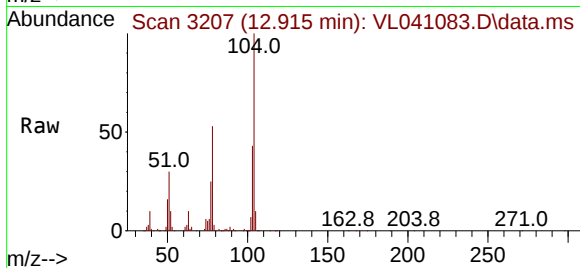
VSTDICC002

Tgt Ion:104 Resp: 331670
 Ion Ratio Lower Upper
 104 100
 78 56.3 42.6 64.0
 103 49.0 37.3 55.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024



#62

Isopropylbenzene

Concen: 2.106 ppbv

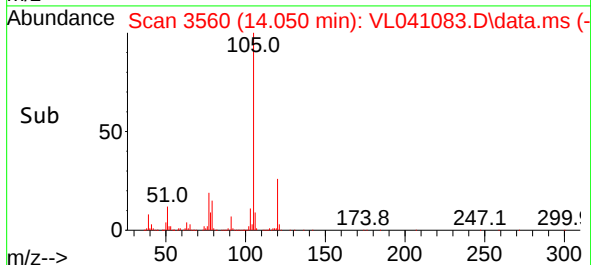
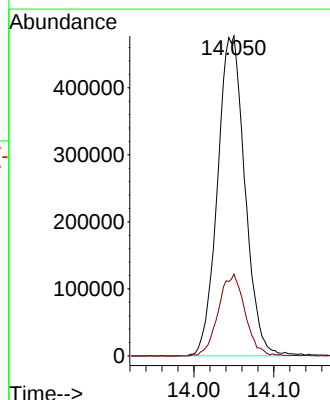
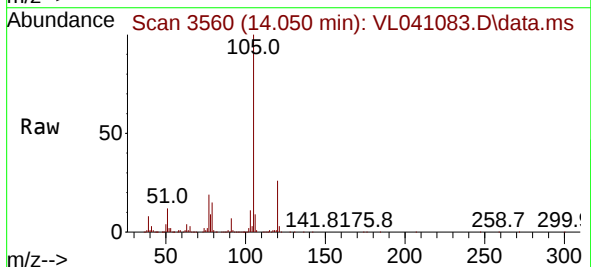
RT: 14.050 min Scan# 3560

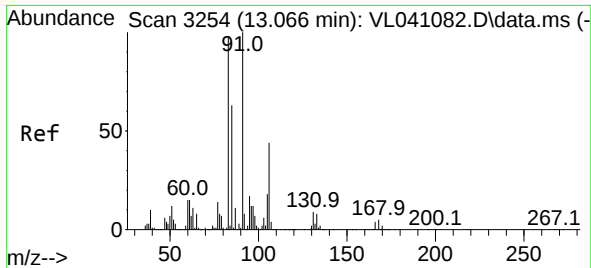
Delta R.T. 0.003 min

Lab File: VL041083.D

Acq: 11 Mar 2024 11:45

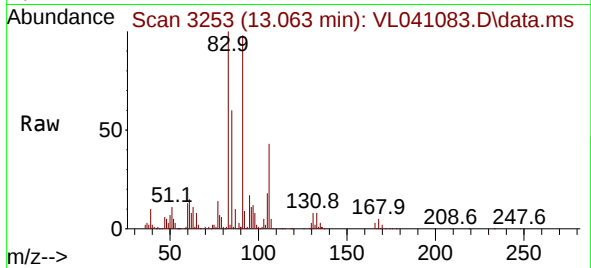
Tgt Ion:105 Resp: 1131642
 Ion Ratio Lower Upper
 105 100
 120 25.1 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 2.139 ppbv
RT: 13.063 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

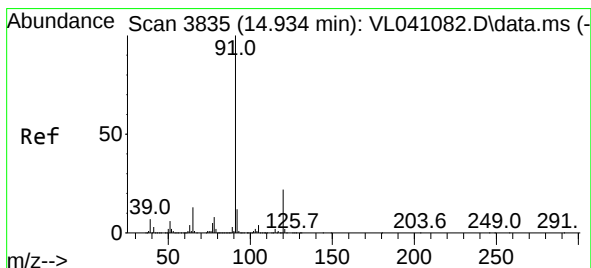
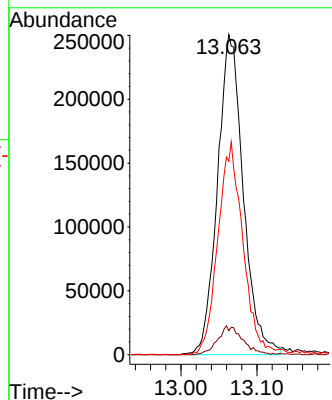
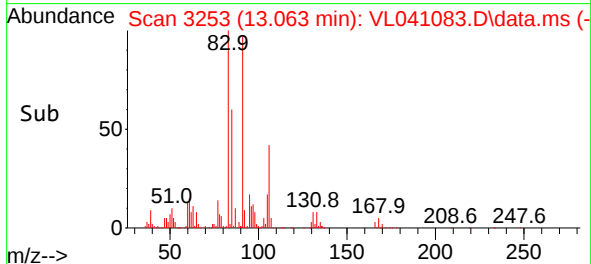
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



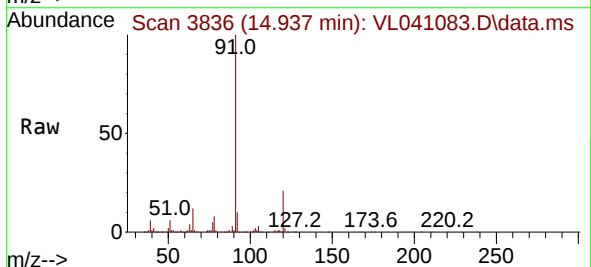
Tgt Ion: 83 Resp: 589930
Ion Ratio Lower Upper
83 100
131 8.9 4.7 14.0
85 65.3 32.7 98.1

Manual Integrations
APPROVED

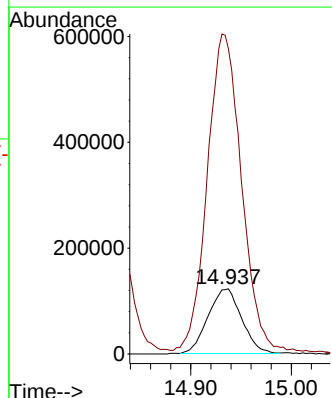
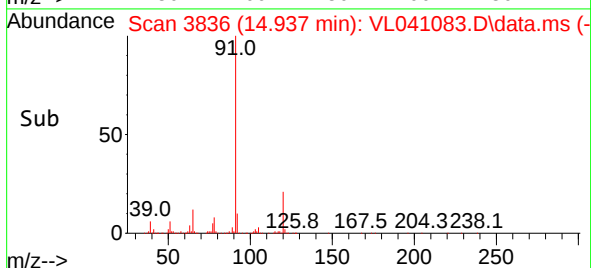
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

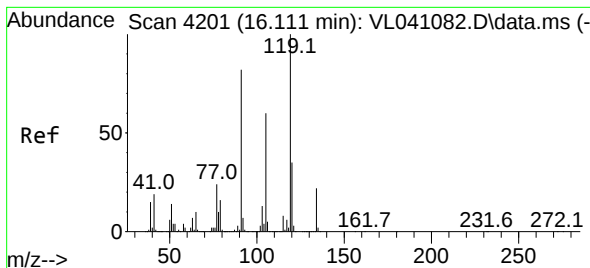


#64
n-propylbenzene
Concen: 2.091 ppbv
RT: 14.937 min Scan# 3836
Delta R.T. 0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45



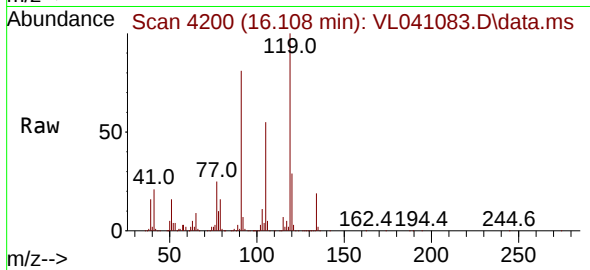
Tgt Ion:120 Resp: 283078
Ion Ratio Lower Upper
120 100
91 513.0 387.5 581.3





#65
tert-Butylbenzene
Concen: 2.152 ppbv
RT: 16.108 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

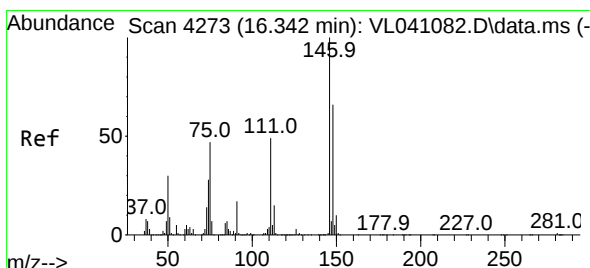
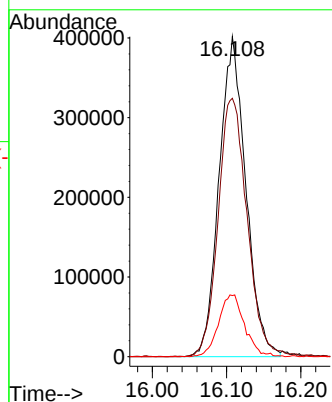
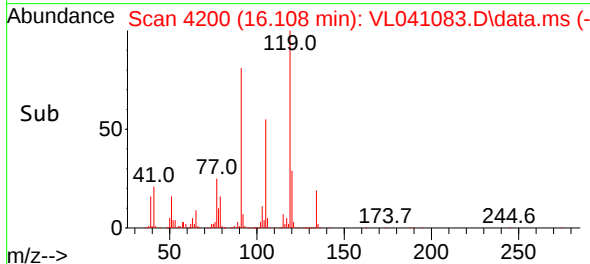
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 119 Resp: 1003072
Ion Ratio Lower Upper
119 100
91 88.2 67.8 101.8
134 19.0 16.2 24.2

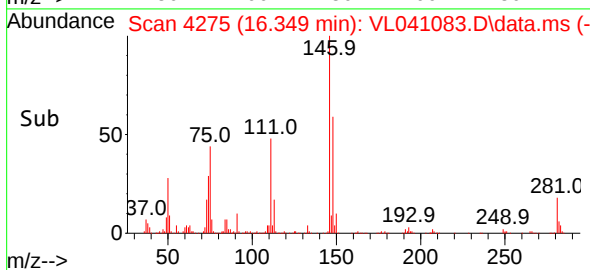
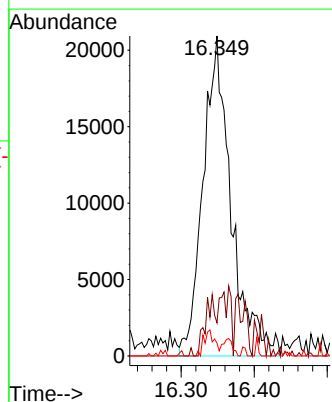
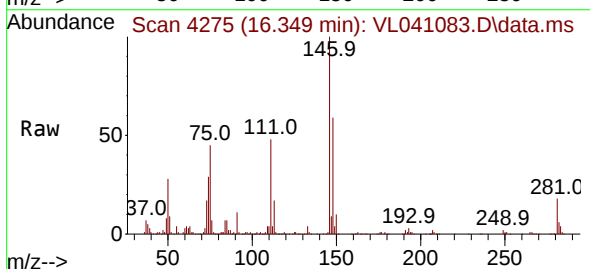
Manual Integrations
APPROVED

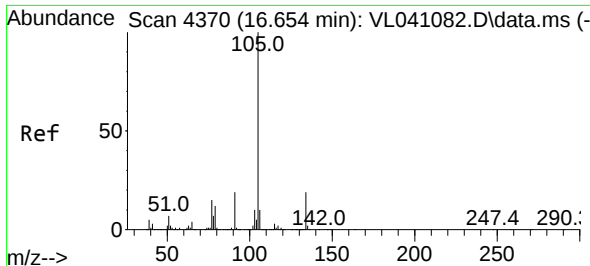
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#66
Benzyl Chloride
Concen: 1.777 ppbv m
RT: 16.349 min Scan# 4275
Delta R.T. 0.007 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

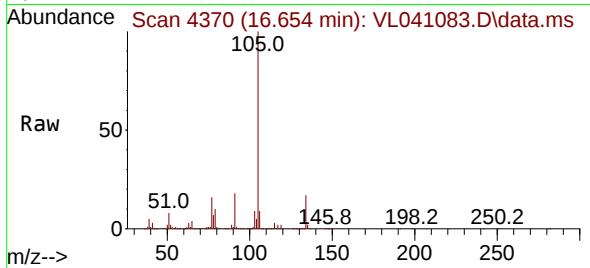
Tgt Ion: 91 Resp: 55810
Ion Ratio Lower Upper
91 100
126 0.0 14.1 21.1#
128 5.4 4.6 7.0





#67
 sec-Butylbenzene
 Concen: 2.171 ppbv
 RT: 16.654 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041083.D
 Acq: 11 Mar 2024 11:45

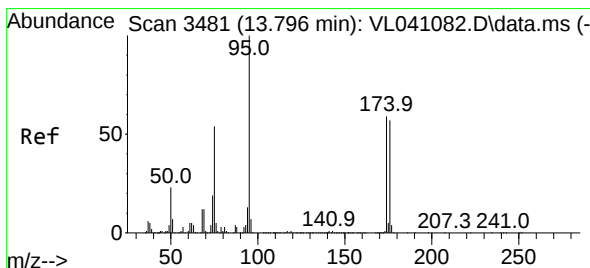
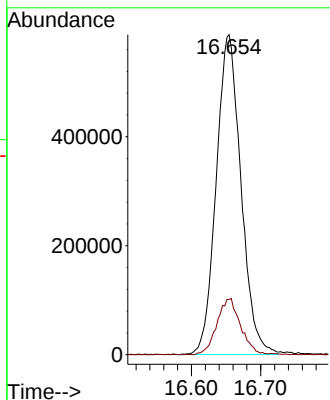
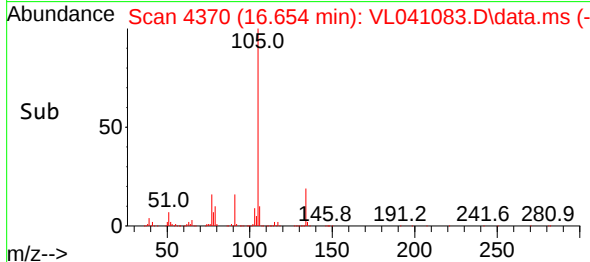
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



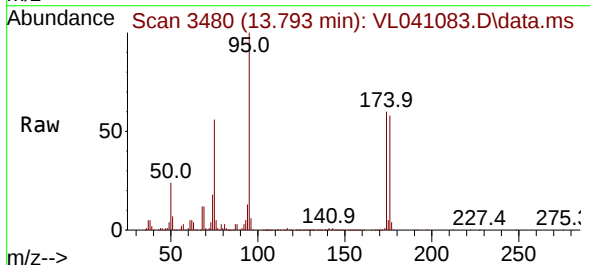
Tgt Ion:105 Resp: 1457680
 Ion Ratio Lower Upper
 105 100
 134 16.8 14.3 21.5

Manual Integrations
 APPROVED

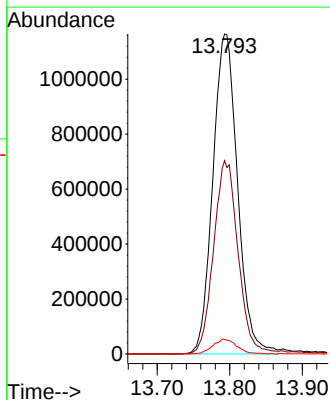
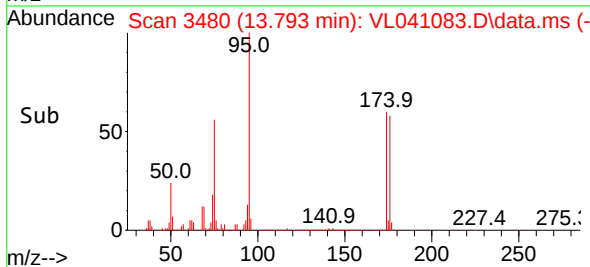
Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

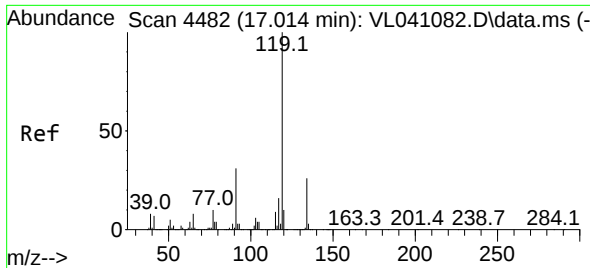


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.520 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. -0.003 min
 Lab File: VL041083.D
 Acq: 11 Mar 2024 11:45



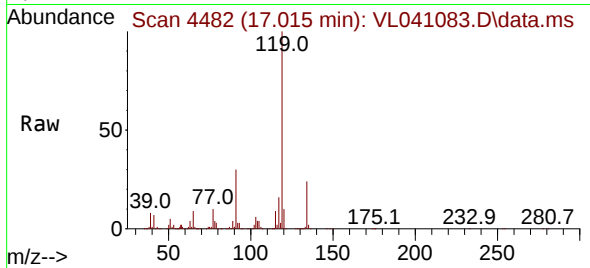
Tgt Ion: 95 Resp: 2758096
 Ion Ratio Lower Upper
 95 100
 174 61.0 47.8 71.8
 175 4.5 3.5 5.3





#69
p-Isopropyltoluene
Concen: 2.183 ppbv
RT: 17.015 min Scan# 4482
Delta R.T. 0.000 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

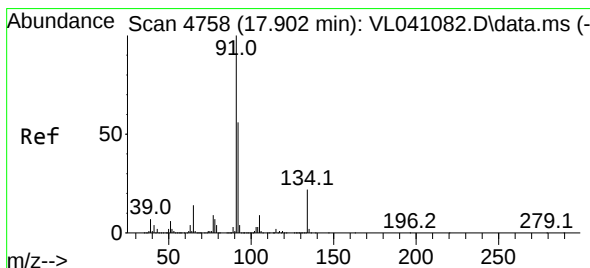
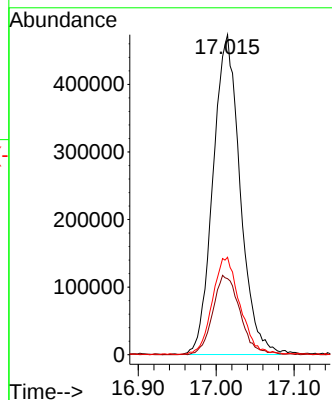
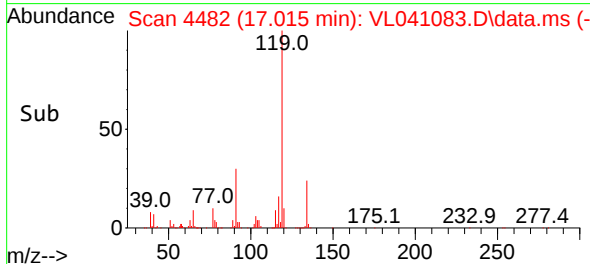
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:119 Resp: 114344
Ion Ratio Lower Upper
119 100
134 25.1 20.6 30.8
91 31.1 24.7 37.1

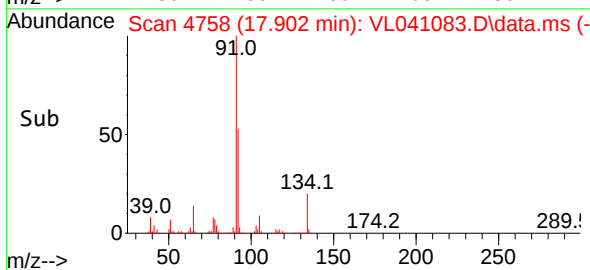
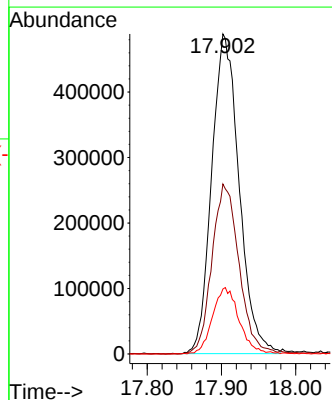
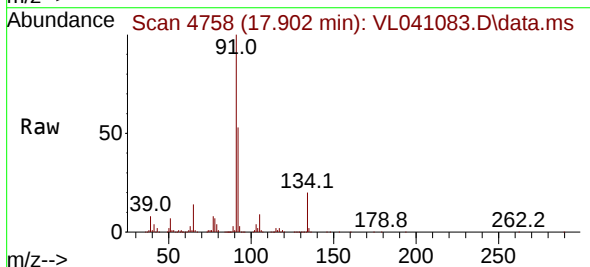
Manual Integrations
APPROVED

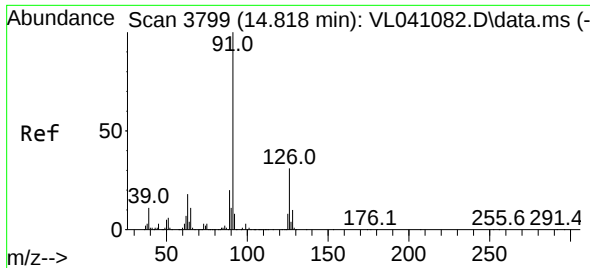
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#70
n-Butylbenzene
Concen: 2.210 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.000 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

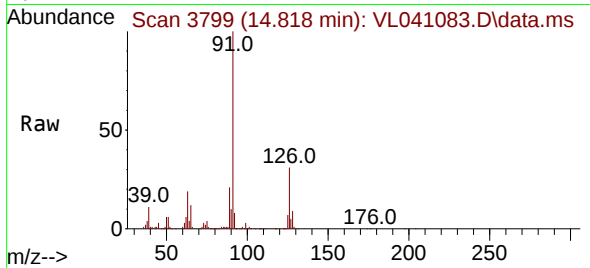
Tgt Ion: 91 Resp: 1251171
Ion Ratio Lower Upper
91 100
92 53.1 43.4 65.2
134 20.3 17.4 26.0





#71
2-Chlorotoluene
Concen: 2.137 ppbv
RT: 14.818 min Scan# 3799
Delta R.T. 0.000 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

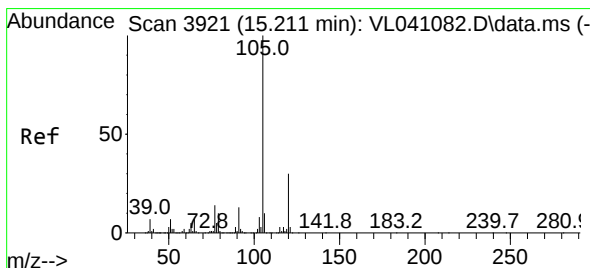
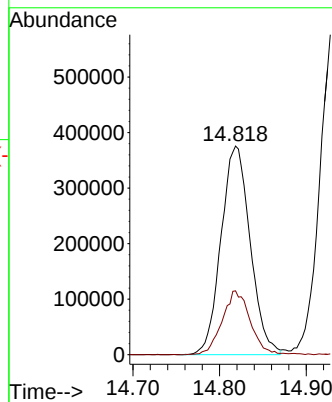
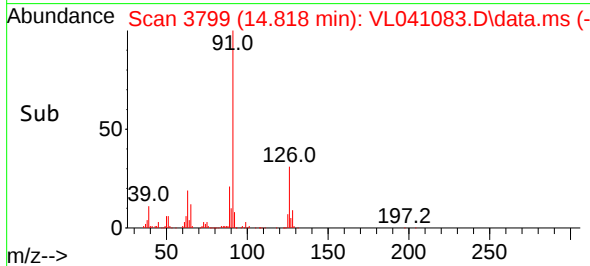
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



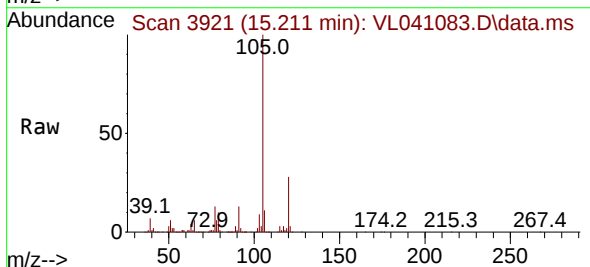
Tgt Ion: 91 Resp: 877776
Ion Ratio Lower Upper
91 100
126 29.6 12.2 48.8

Manual Integrations
APPROVED

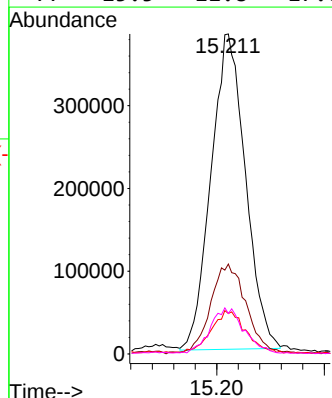
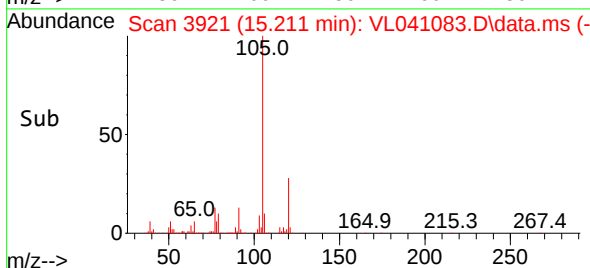
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

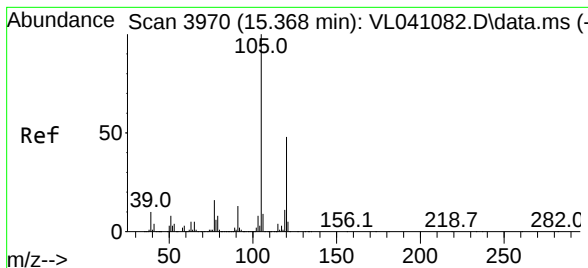


#72
4-Ethyltoluene
Concen: 2.129 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.000 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45



Tgt Ion:105 Resp: 847672
Ion Ratio Lower Upper
105 100
120 29.7 23.8 35.8
91 14.0 10.9 16.3
77 15.5 11.8 17.6





#73

1,3,5-Trimethylbenzene

Concen: 2.150 ppbv

RT: 15.371 min Scan# 3970

Delta R.T. 0.003 min

Lab File: VL041083.D

Acq: 11 Mar 2024 11:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 75725

Ion Ratio Lower Upper

105 100

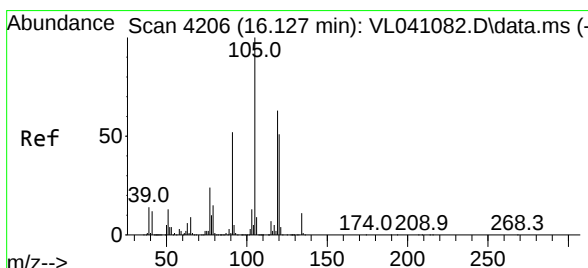
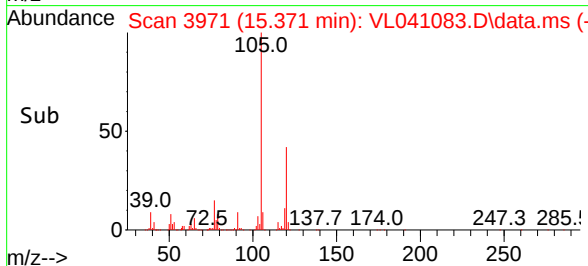
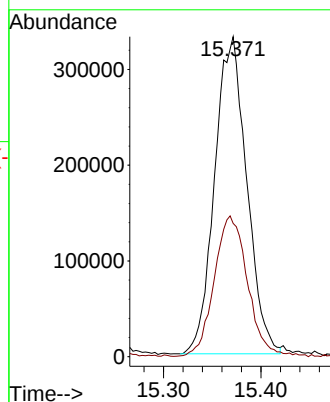
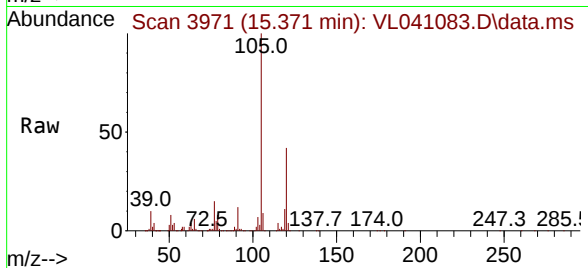
120 41.8 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#74

1,2,4-Trimethylbenzene

Concen: 2.168 ppbv

RT: 16.127 min Scan# 4206

Delta R.T. 0.000 min

Lab File: VL041083.D

Acq: 11 Mar 2024 11:45

Tgt Ion:105 Resp: 872252

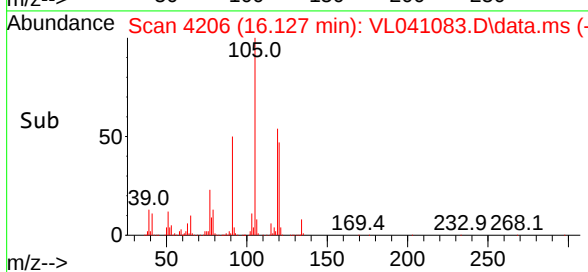
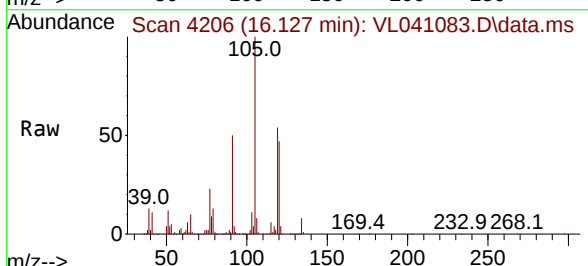
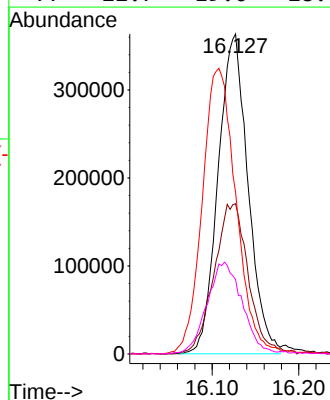
Ion Ratio Lower Upper

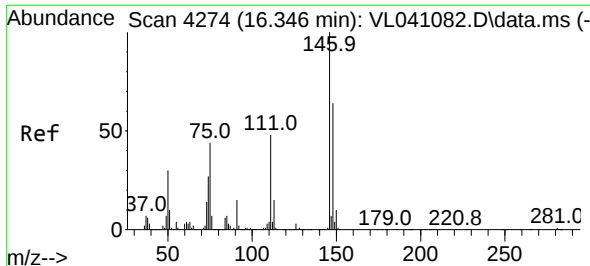
105 100

120 46.6 40.4 60.6

91 49.3 41.4 62.0

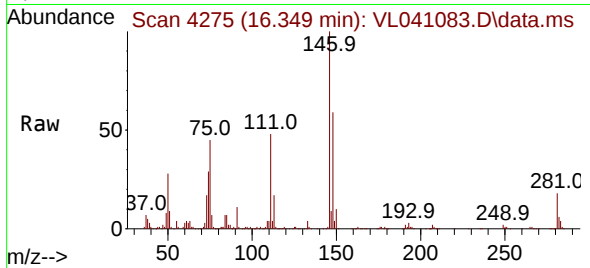
77 22.7 19.0 28.4





#75
1,3-Dichlorobenzene
Concen: 2.132 ppbv
RT: 16.349 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

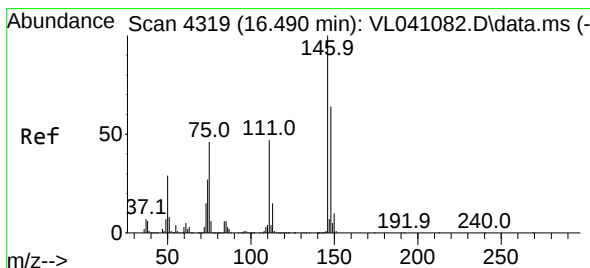
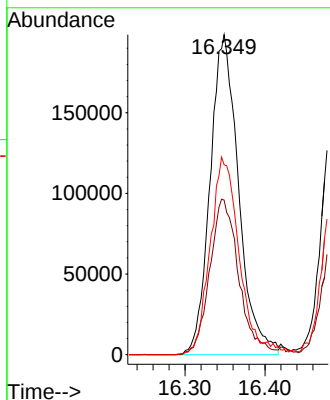
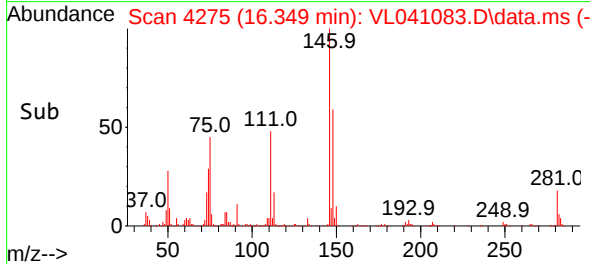
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



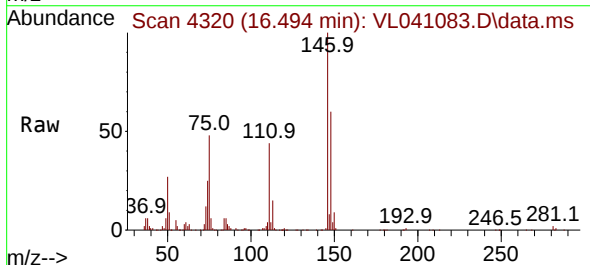
Tgt Ion:146 Resp: 48962
Ion Ratio Lower Upper
146 100
111 50.2 24.1 72.2
148 63.6 32.6 97.7

Manual Integrations
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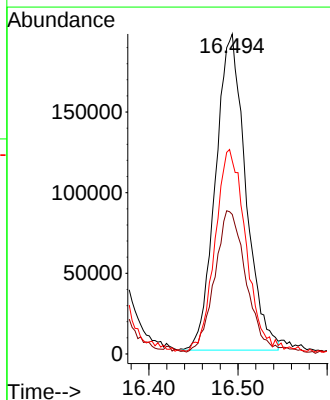
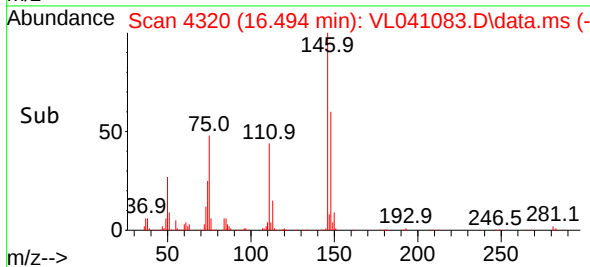
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

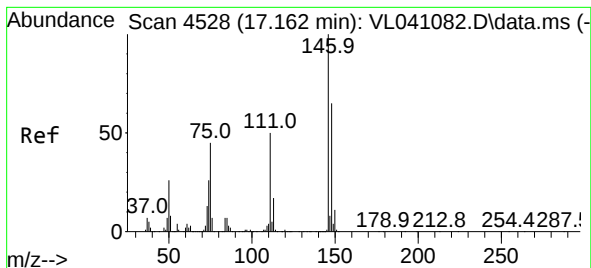


#76
1,4-Dichlorobenzene
Concen: 1.999 ppbv
RT: 16.494 min Scan# 4320
Delta R.T. 0.003 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45



Tgt Ion:146 Resp: 461778
Ion Ratio Lower Upper
146 100
111 47.3 23.9 71.7
148 67.1 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 2.076 ppbv

RT: 17.159 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041083.D

Acq: 11 Mar 2024 11:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:146 Resp: 47076

Ion Ratio Lower Upper

146 100

111 51.5 25.2 75.6

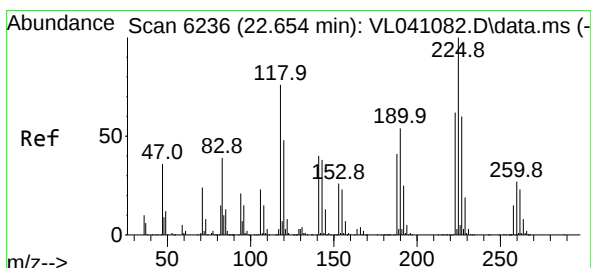
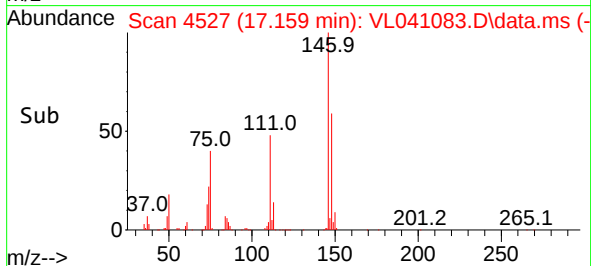
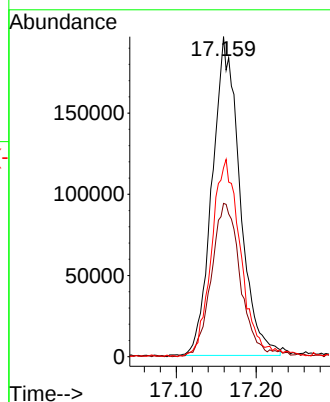
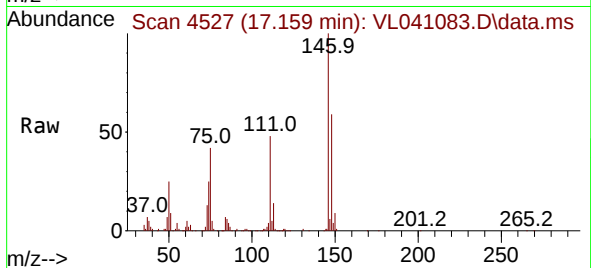
148 64.8 32.4 97.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#78

Hexachloro-1,3-Butadiene

Concen: 2.228 ppbv m

RT: 22.648 min Scan# 6234

Delta R.T. -0.006 min

Lab File: VL041083.D

Acq: 11 Mar 2024 11:45

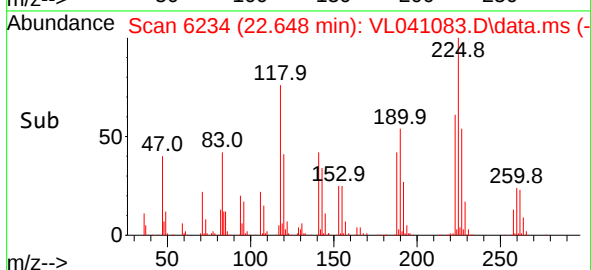
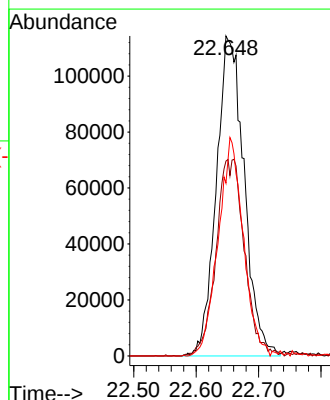
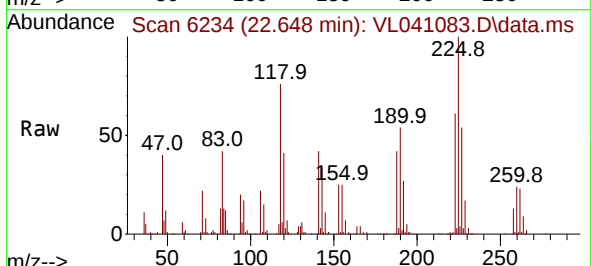
Tgt Ion:225 Resp: 353408

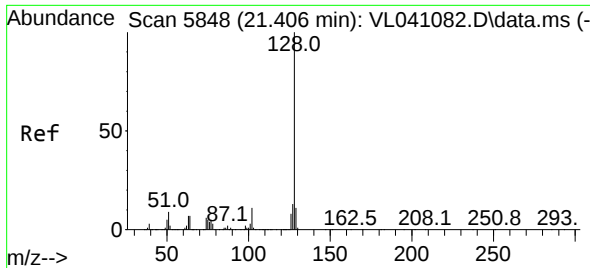
Ion Ratio Lower Upper

225 100

223 63.1 51.1 76.7

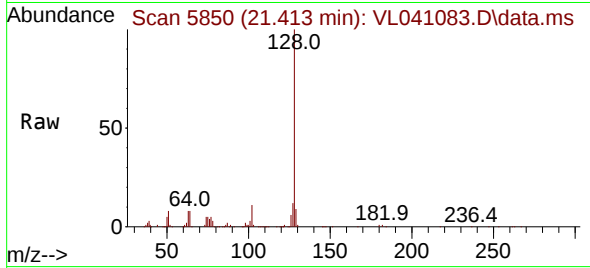
227 62.7 51.1 76.7





#79
Naphthalene
Concen: 2.448 ppbv
RT: 21.413 min Scan# 5848
Delta R.T. 0.007 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

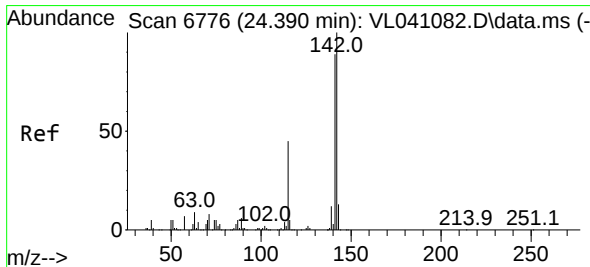
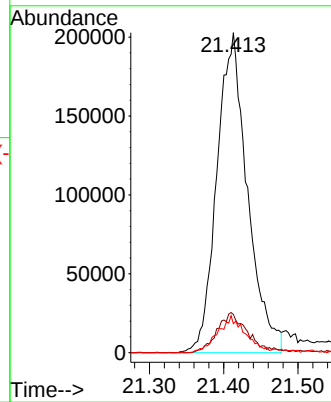
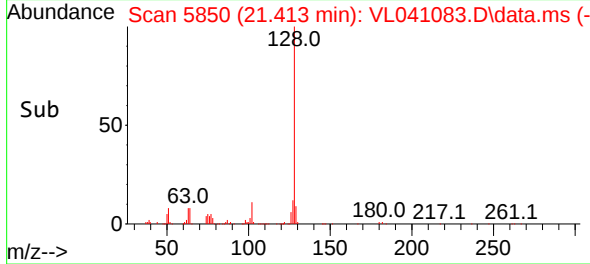
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion:128 Resp: 579608
Ion Ratio Lower Upper
128 100
127 11.6 10.6 15.8
129 9.1 9.0 13.6

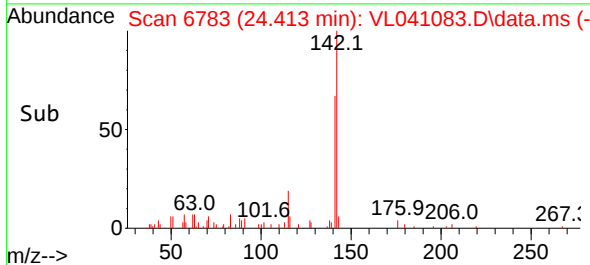
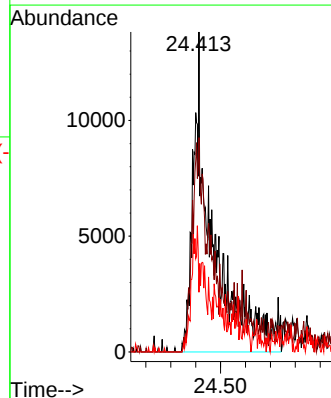
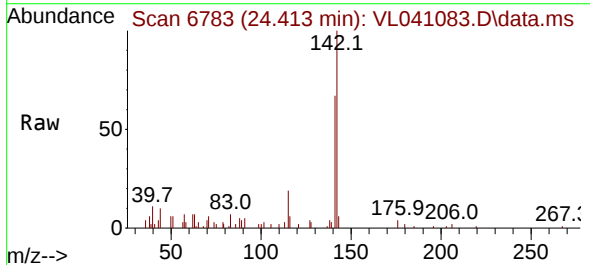
Manual Integrations
APPROVED

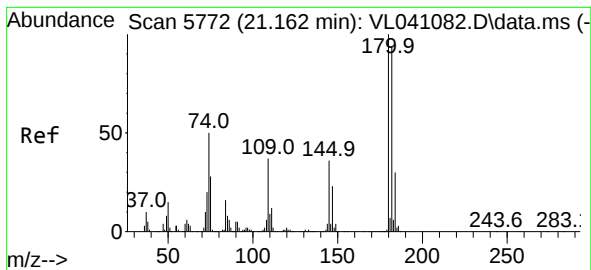
Reviewed By :Semsettin Yesilyurt 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#80
Naphthalene,2-methyl-
Concen: 2.359 ppbv m
RT: 24.413 min Scan# 6783
Delta R.T. 0.023 min
Lab File: VL041083.D
Acq: 11 Mar 2024 11:45

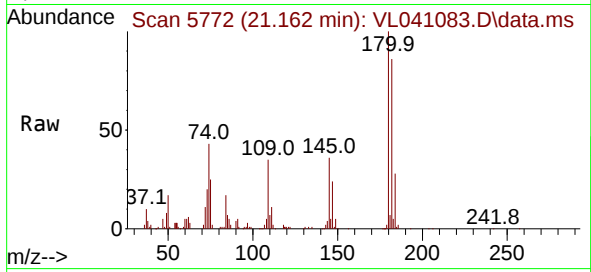
Tgt Ion:142 Resp: 72932
Ion Ratio Lower Upper
142 100
141 67.6 61.3 91.9
115 26.5 35.4 53.2#





#81
 1,2,4-Trichlorobenzene
 Concen: 2.135 ppbv
 RT: 21.162 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041083.D
 Acq: 11 Mar 2024 11:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion:180 Resp: 288993
 Ion Ratio Lower Upper
 180 100
 182 107.2 78.7 118.1
 184 33.4 25.3 37.9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

