

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031523\
 Data File : VL040281.D
 Acq On : 15 Mar 2023 12:53
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Quant Time: Mar 15 14:01:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Mar 14 04:52:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 03/16/2023
 Supervised By : Mahesh Dadoda 03/16/2023

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

Internal Standards						
1) Bromochloromethane	5.192	49	1113476	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2896214	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2656217	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.786	95	2207866	10.108	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.726	85	247871	1.194	ppbv	98
3) Chlorodifluoromethane	2.668	51	151946	1.142	ppbv	97
4) Chloromethane	2.809	50	94243	1.128	ppbv	96
5) Vinyl Chloride	2.915	62	74689	1.112	ppbv	96
6) Bromomethane	3.118	94	25236	1.041	ppbv	100
7) Chloroethane	3.195	64	28141	1.057	ppbv	97
8) Dichlorotetrafluoroethane	2.851	85	199598	1.116	ppbv	99
9) Propene	2.687	41	58486	1.079	ppbv	99
10) Heptane	7.581	43	127914	0.991	ppbv	98
11) Trichlorofluoromethane	3.562	101	205816	1.105	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.066	101	156386	1.138	ppbv	99
13) Ethanol	3.253	45	4494	0.900	ppbv #	46
14) Bromoethene	3.365	108	54959	1.043	ppbv	92
15) Acetone	3.475	43	144113	1.075	ppbv	95
16) 1,3-Butadiene	2.980	39	60590	0.990	ppbv	85
17) tert-Butyl alcohol	3.886	59	141496	1.157	ppbv	96
18) 1,1-Dichloroethene	3.880	96	68279	1.144	ppbv	93
19) Isopropyl Alcohol	3.584	45	72603m	1.139	ppbv	
20) Methylene Chloride	3.931	84	58928	0.844	ppbv	95
21) Allyl Chloride	3.996	41	89040	1.083	ppbv	98
22) trans-1,2-Dichloroethene	4.446	96	67911	1.099	ppbv	88
23) Vinyl Acetate	4.636	43	37859m	0.931	ppbv	
24) 1,1-Dichloroethane	4.562	63	139835	1.100	ppbv	97
25) Ethyl Acetate	5.211	43	267496	1.073	ppbv	97
26) Hexane	5.217	57	108445	1.014	ppbv	92
27) Carbon Disulfide	4.124	76	141278	1.041	ppbv	95
28) Methyl tert-Butyl Ether	4.590	73	122800	1.071	ppbv	99
29) Chloroform	5.272	83	197857	1.077	ppbv	93
30) Cyclohexane	6.603	84	79014m	0.941	ppbv	
31) cis-1,2-Dichloroethene	5.079	61	98463	0.969	ppbv	94
32) 1,1,1-Trichloroethane	6.005	97	190995	1.107	ppbv	99
34) 2-Butanone	4.796	43	146303	1.024	ppbv	96
35) Carbon Tetrachloride	6.494	117	192211	1.123	ppbv	93
36) Benzene	6.375	78	227226	1.008	ppbv	99
37) 1,2-Dichloroethane	5.809	62	147616	1.047	ppbv	100
38) Trichloroethene	7.298	130	126161	1.016	ppbv	94
39) 1,2-Dichloropropane	7.079	63	87086	0.993	ppbv	93
40) 1,4-Dioxane	7.314	88	34946m	0.996	ppbv	
41) Tetrahydrofuran	5.574	42	84349m	1.019	ppbv	
42) Bromodichloromethane	7.253	83	195978	1.007	ppbv	97
43) Methyl Methacrylate	7.481	69	79016	0.947	ppbv	94
44) 2,2,4-Trimethylpentane	7.333	57	381337	1.014	ppbv	97
45) t-1,3-Dichloropropene	8.716	75	58873	0.796	ppbv	95

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Instrument :
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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/16/2023
 Supervised By : Mahesh Dadoda 03/16/2023

Quant Time: Mar 15 14:01:26 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

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

QLast Update : Tue Mar 14 04:52:39 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	95646	0.928	ppbv	99
47) 1,1,2-Trichloroethane	8.905	97	94667	0.998	ppbv	97
48) Dibromochloromethane	9.716	129	146548	0.966	ppbv	99
49) Bromoform	12.417	173	104797	0.885	ppbv	99
50) 4-Methyl-2-Pentanone	8.198	43	223480	1.007	ppbv	98
51) 2-Hexanone	9.574	43	171111m	1.003	ppbv	
52) Tetrachloroethene	10.619	164	72430m	1.029	ppbv	
53) Toluene	9.230	91	224529	0.930	ppbv	99
54) 1,2-Dibromoethane	10.015	107	97848	0.992	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.516	131	117358	1.053	ppbv #	1
57) Chlorobenzene	11.536	112	202885	1.045	ppbv #	92
58) Ethyl Benzene	12.098	91	307602	0.953	ppbv	97
59) m/p-Xylene	12.381	91	576237m	2.016	ppbv	
60) o-Xylene	13.066	91	272696	0.991	ppbv	99
61) Styrene	12.908	104	125395	0.868	ppbv	97
62) Isopropylbenzene	14.043	105	397051	1.006	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.056	83	105104	1.060	ppbv	98
64) n-propylbenzene	14.924	120	94377	0.966	ppbv	76
65) tert-Butylbenzene	16.101	119	341216	0.994	ppbv	93
66) Benzyl Chloride	16.342	91	20895m	0.915	ppbv	
67) sec-Butylbenzene	16.648	105	497211	1.010	ppbv	97
69) p-Isopropyltoluene	17.008	119	380687	0.976	ppbv	96
70) n-Butylbenzene	17.899	91	417292	0.985	ppbv	99
71) 2-Chlorotoluene	14.815	91	299583	0.992	ppbv	96
72) 4-Ethyltoluene	15.204	105	294486	0.969	ppbv	98
73) 1,3,5-Trimethylbenzene	15.362	105	264387	0.934	ppbv	91
74) 1,2,4-Trimethylbenzene	16.121	105	314596	1.012	ppbv	97
75) 1,3-Dichlorobenzene	16.339	146	169822m	0.999	ppbv	
76) 1,4-Dichlorobenzene	16.487	146	155918	0.936	ppbv	95
77) 1,2-Dichlorobenzene	17.156	146	165191	0.978	ppbv	98
78) Hexachloro-1,3-Butadiene	22.648	225	127301m	1.097	ppbv	
79) Naphthalene	21.407	128	179674m	1.029	ppbv	
80) Naphthalene,2-methyl-	24.384	142	27333m	0.551	ppbv	
81) 1,2,4-Trichlorobenzene	21.162	180	103245m	0.945	ppbv	

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

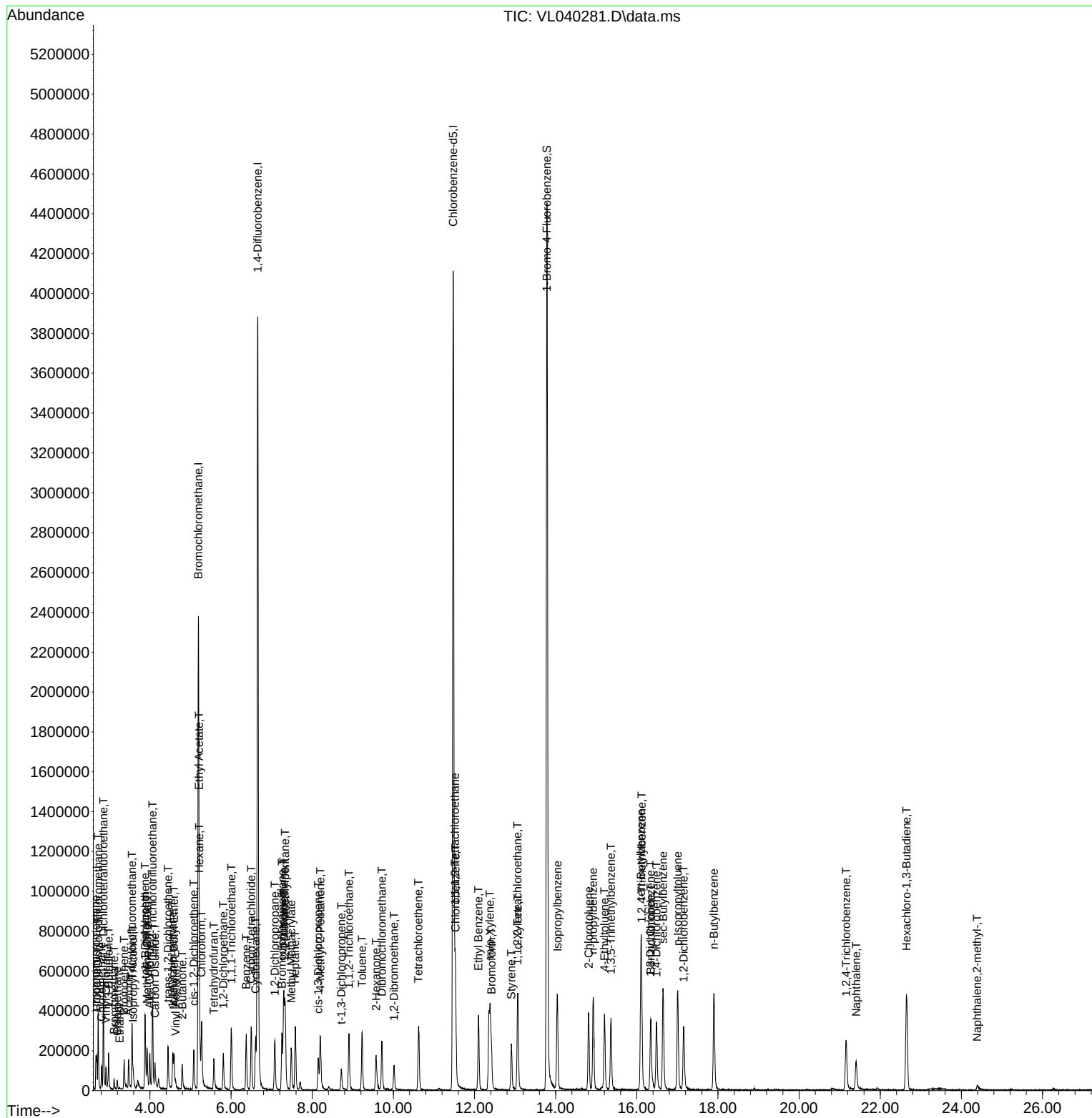
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031523\
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Operator : SY/MD
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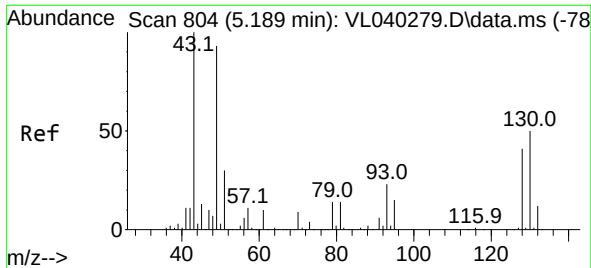
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

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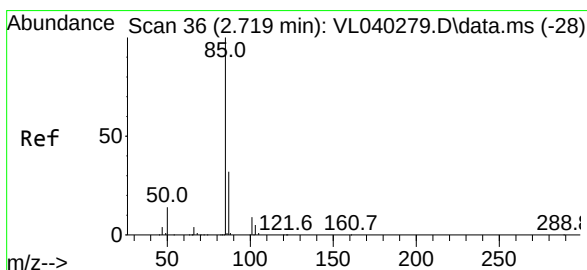
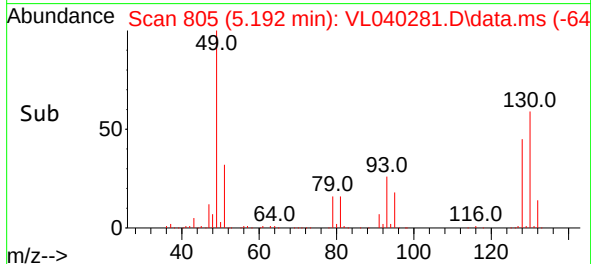
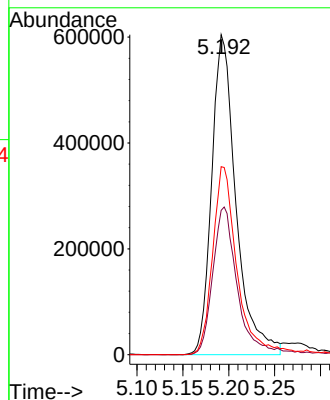
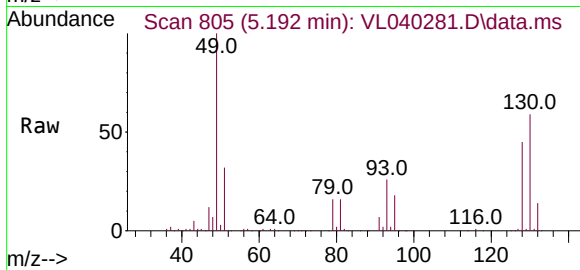
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 49 Resp: 1113470
Ion Ratio Lower Upper
49 100
128 47.7 24.1 72.3
130 61.2 30.9 92.8

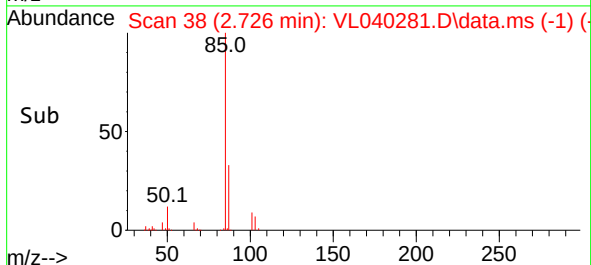
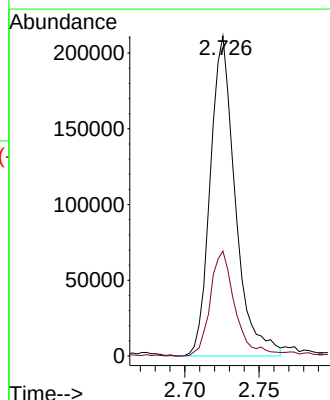
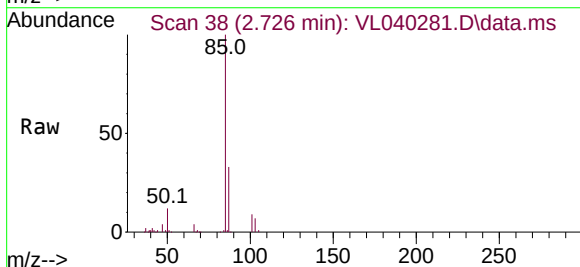
Manual Integrations
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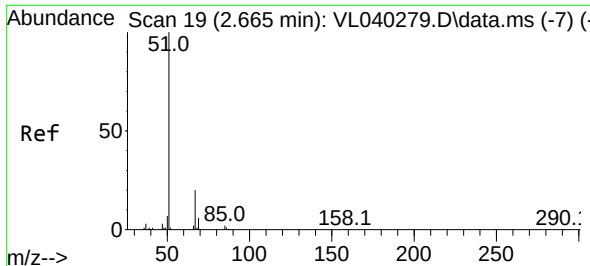
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#2
Dichlorodifluoromethane
Concen: 1.194 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.013 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

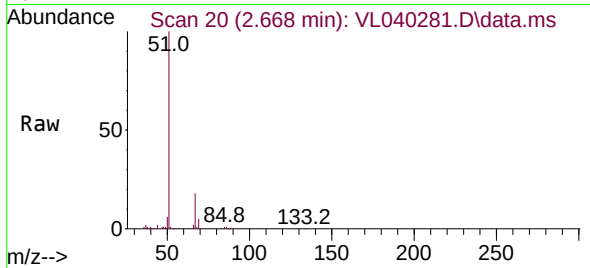
Tgt Ion: 85 Resp: 247871
Ion Ratio Lower Upper
85 100
87 32.8 27.0 40.6





#3
Chlorodifluoromethane
Concen: 1.142 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

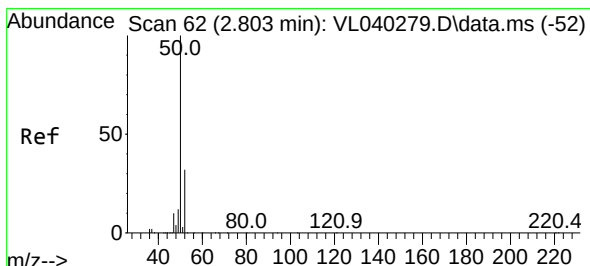
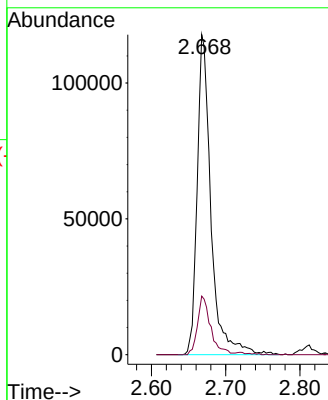
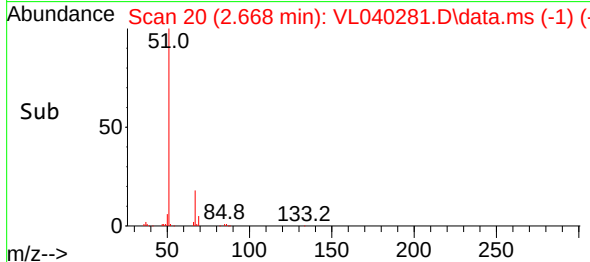
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



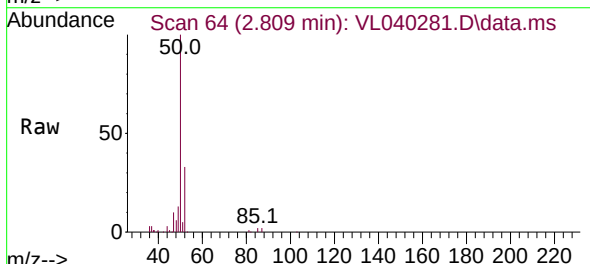
Tgt Ion: 51 Resp: 151940
Ion Ratio Lower Upper
51 100
67 18.1 15.4 23.2

Manual Integrations
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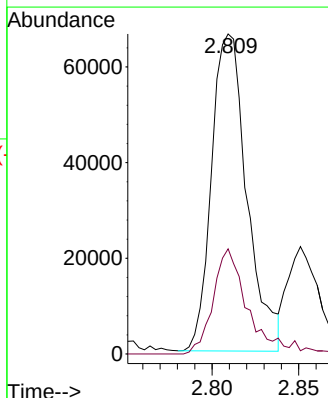
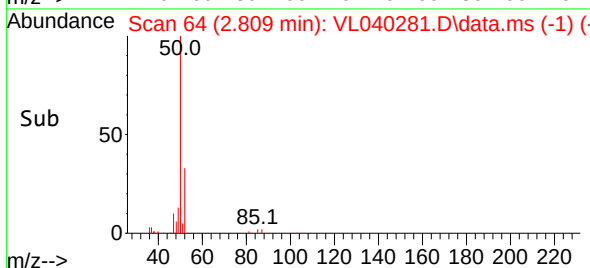
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

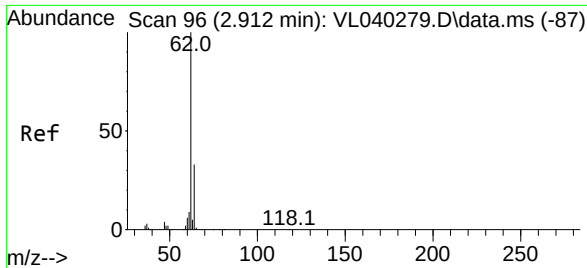


#4
Chloromethane
Concen: 1.128 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.010 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53



Tgt Ion: 50 Resp: 94243
Ion Ratio Lower Upper
50 100
52 33.2 28.3 42.5





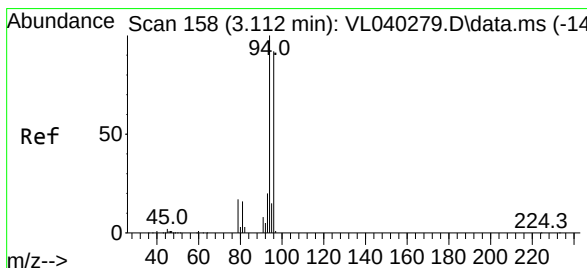
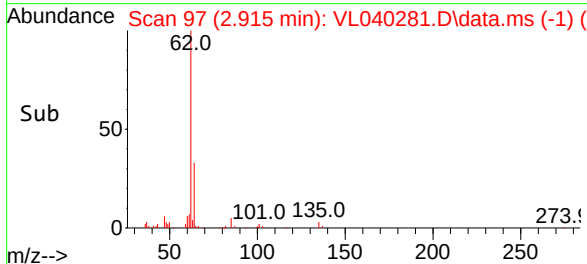
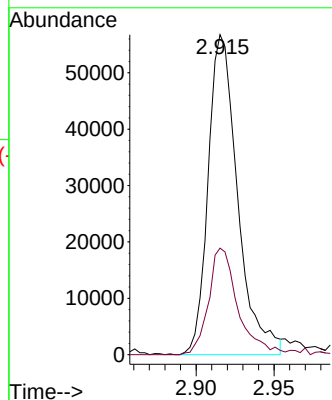
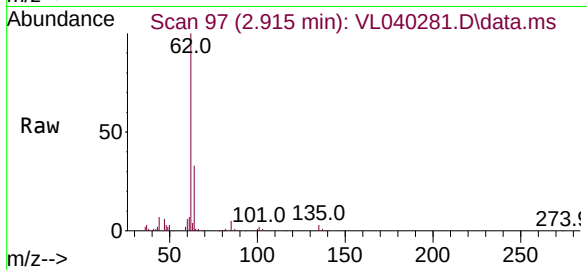
#5
 Vinyl Chloride
 Concen: 1.112 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. 0.010 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 62 Resp: 74689
 Ion Ratio Lower Upper
 62 100
 64 34.3 25.6 38.4

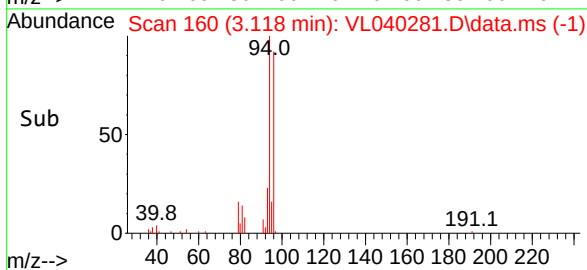
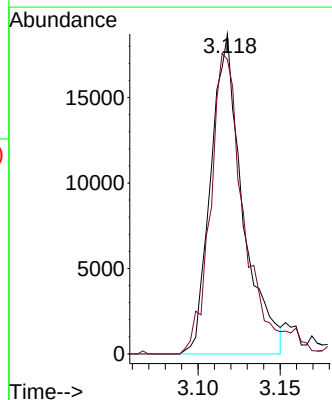
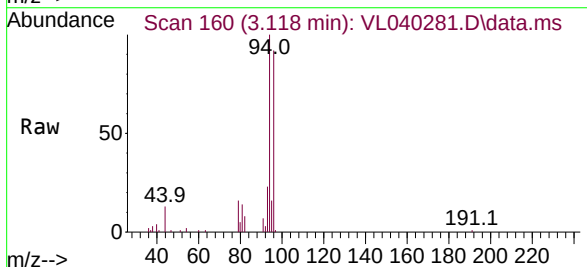
Manual Integrations
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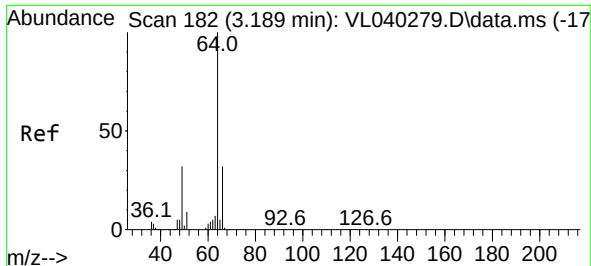
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#6
 Bromomethane
 Concen: 1.041 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.013 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

Tgt Ion: 94 Resp: 25236
 Ion Ratio Lower Upper
 94 100
 96 92.0 73.4 110.2





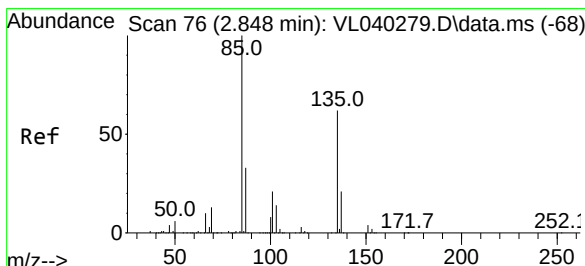
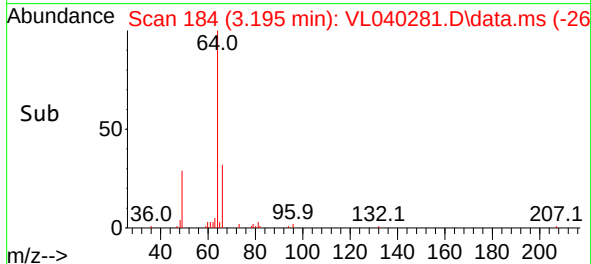
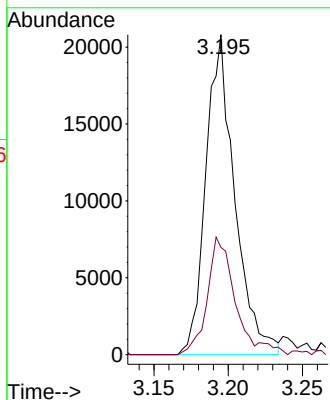
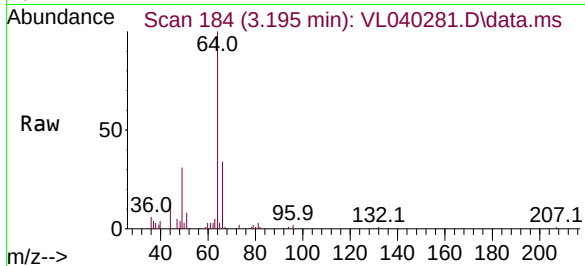
#7
Chloroethane
Concen: 1.057 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 64 Resp: 2814
Ion Ratio Lower Upper
64 100
66 33.6 25.4 38.2

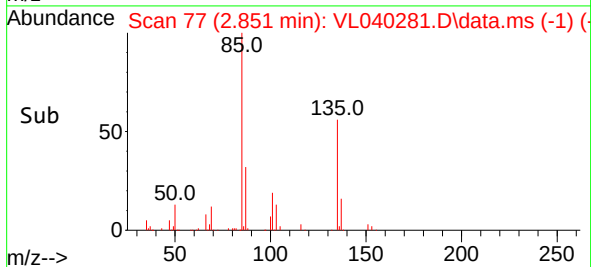
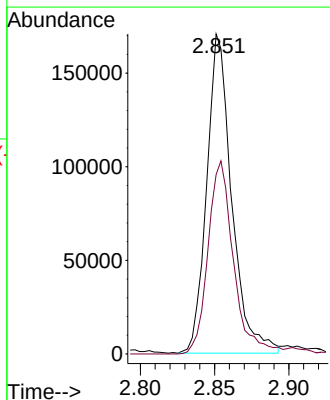
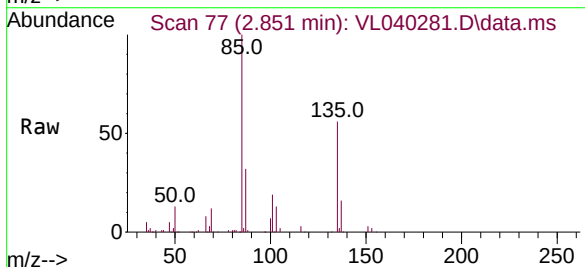
Manual Integrations
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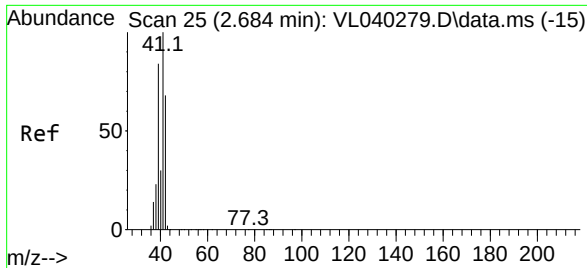
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#8
Dichlorotetrafluoroethane
Concen: 1.116 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.010 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 85 Resp: 199598
Ion Ratio Lower Upper
85 100
135 63.9 51.5 77.3





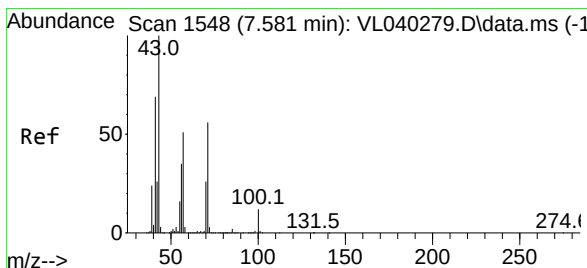
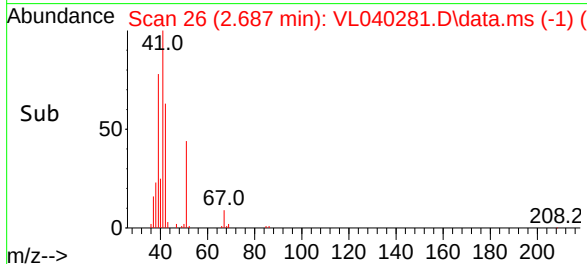
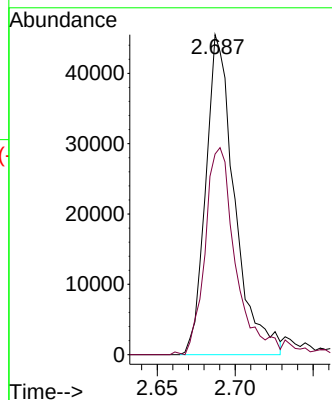
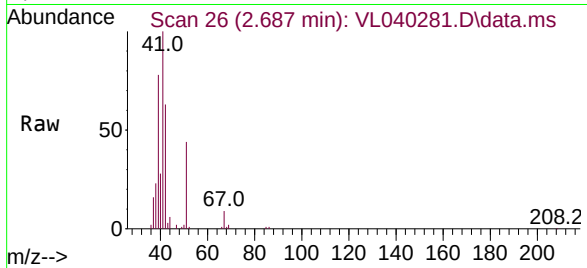
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 Propene
 Concen: 1.079 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. 0.010 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

Instrument :
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 ClientSampleId :
 VSTDICC001

Tgt Ion: 41 Resp: 5848
 Ion Ratio Lower Upper
 41 100
 42 72.0 56.9 85.3

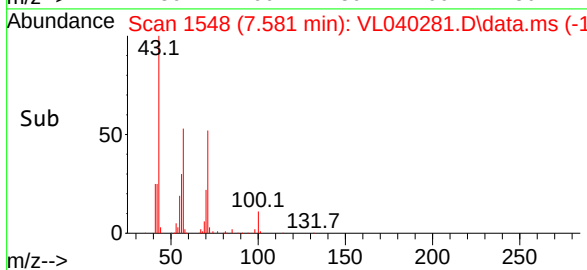
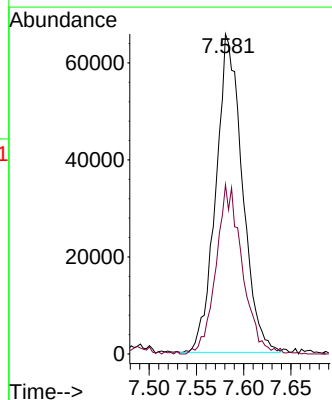
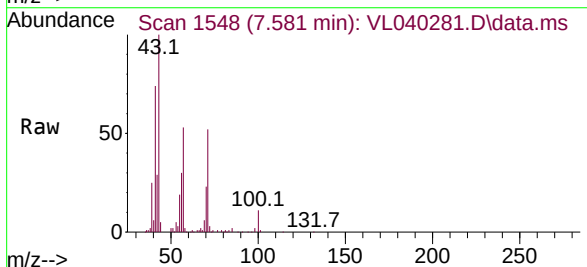
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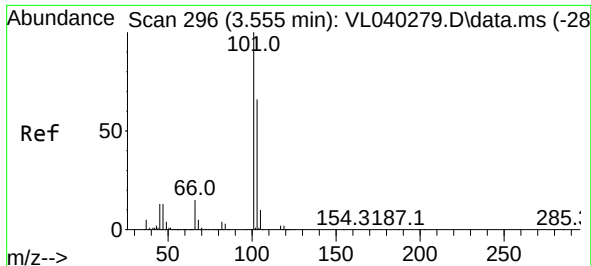
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#10
 Heptane
 Concen: 0.991 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. -0.000 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

Tgt Ion: 43 Resp: 127914
 Ion Ratio Lower Upper
 43 100
 57 53.0 41.4 62.2





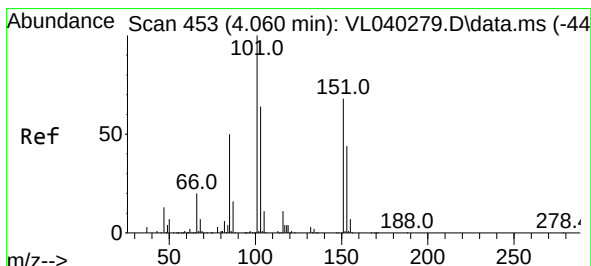
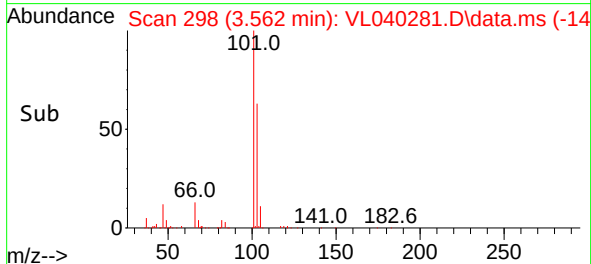
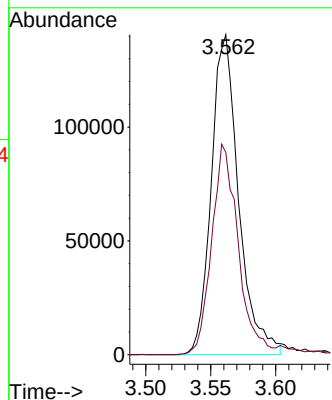
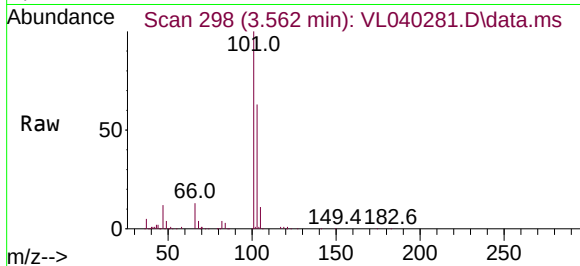
#11
Trichlorofluoromethane
Concen: 1.105 ppbv
RT: 3.562 min Scan# 296
Delta R.T. 0.010 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:101 Resp: 205810
Ion Ratio Lower Upper
101 100
103 63.0 51.0 76.6

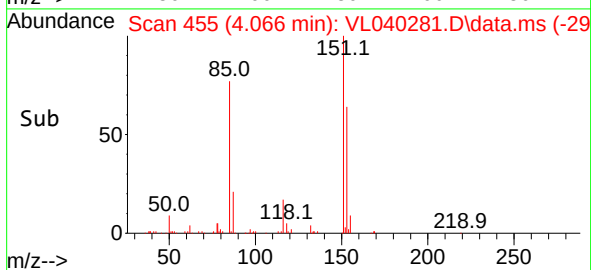
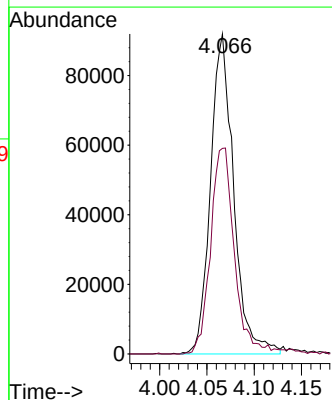
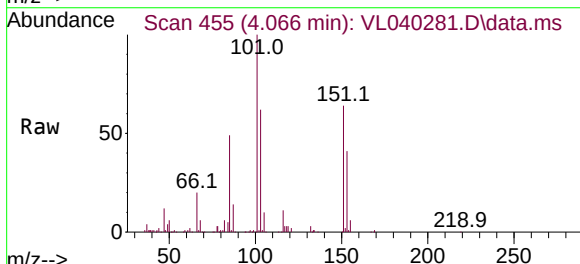
Manual Integrations
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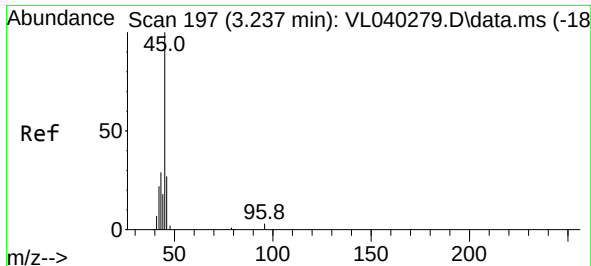
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.138 ppbv
RT: 4.066 min Scan# 455
Delta R.T. 0.010 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion:101 Resp: 156386
Ion Ratio Lower Upper
101 100
151 67.7 54.7 82.1





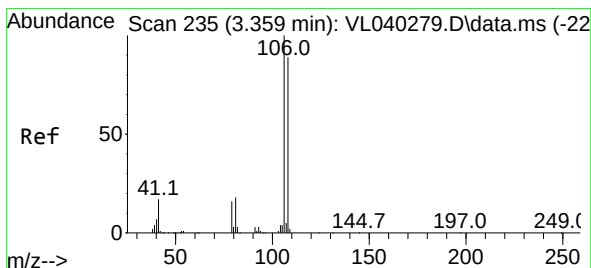
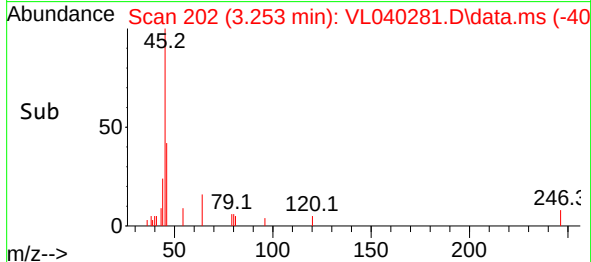
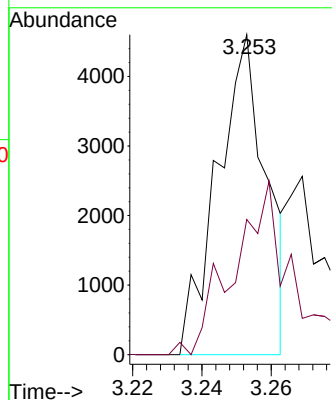
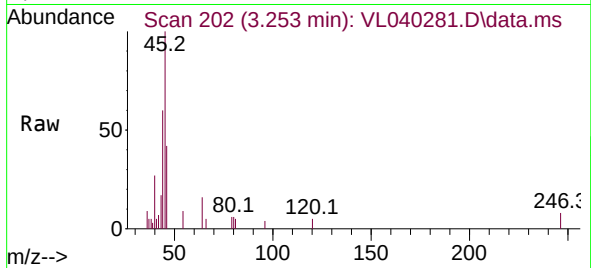
#13
Ethanol
Concen: 0.900 ppbv
RT: 3.253 min Scan# 202
Delta R.T. 0.022 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 45 Resp: 4494
Ion Ratio Lower Upper
45 100
46 63.5 13.3 53.1

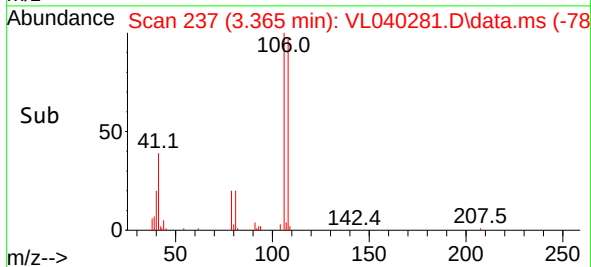
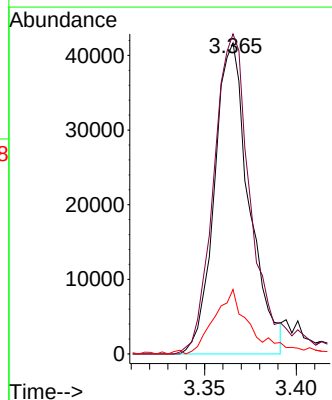
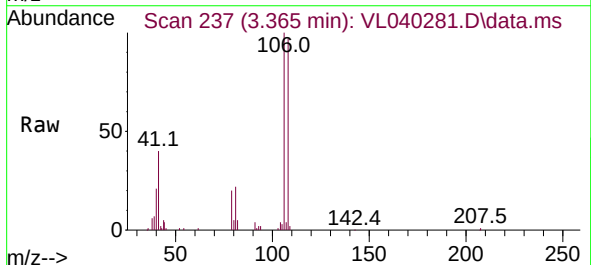
Manual Integrations
APPROVED

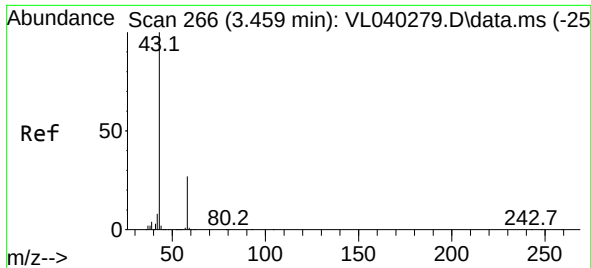
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#14
Bromoethene
Concen: 1.043 ppbv
RT: 3.365 min Scan# 237
Delta R.T. 0.013 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion:108 Resp: 54959
Ion Ratio Lower Upper
108 100
106 117.2 87.1 130.7
79 23.0 15.4 23.2





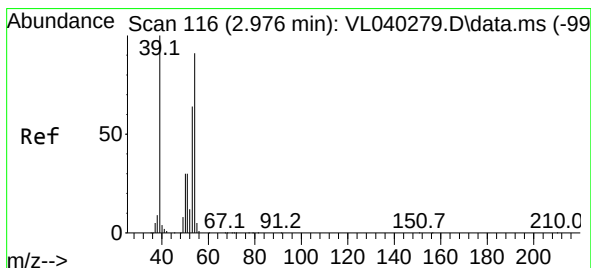
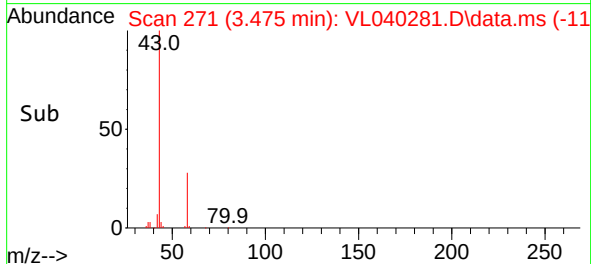
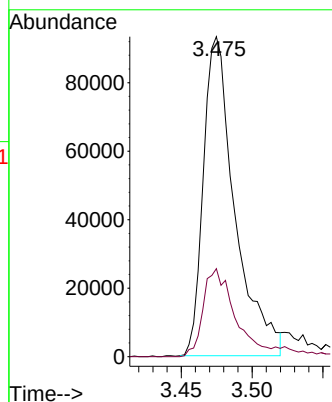
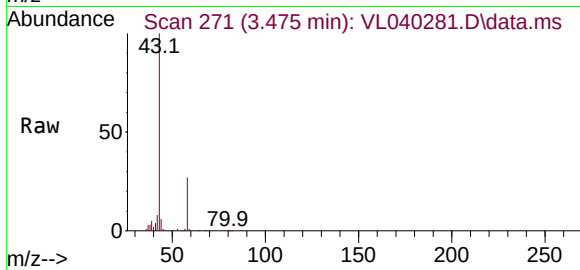
#15
Acetone
Concen: 1.075 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 14411
Ion Ratio Lower Upper
43 100
58 30.9 22.4 33.6

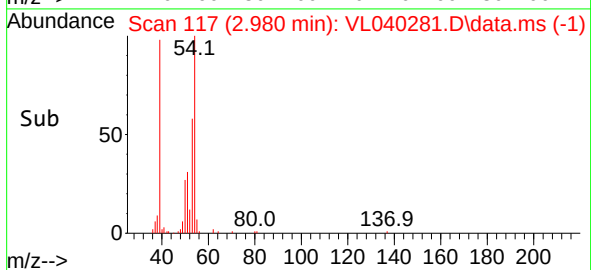
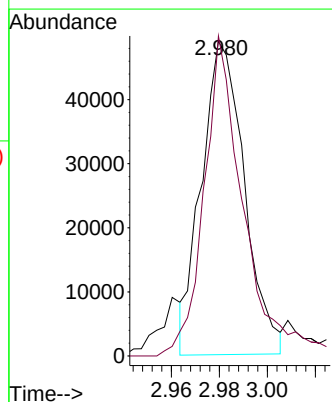
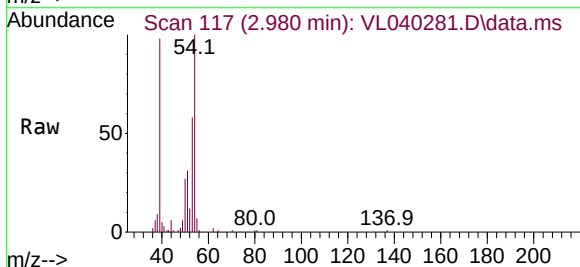
Manual Integrations
APPROVED

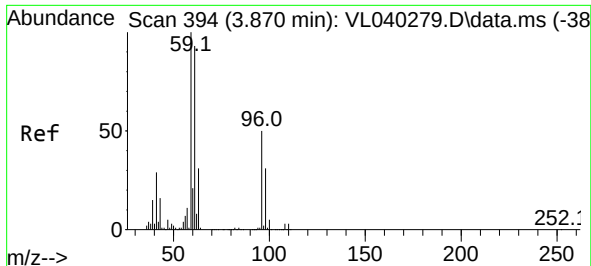
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#16
1,3-Butadiene
Concen: 0.990 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.010 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 39 Resp: 60590
Ion Ratio Lower Upper
39 100
54 96.9 66.7 100.1





#17

tert-Butyl alcohol

Concen: 1.157 ppbv

RT: 3.886 min Scan# 394

Delta R.T. 0.019 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 59 Resp: 141490

Ion Ratio Lower Upper

59 100

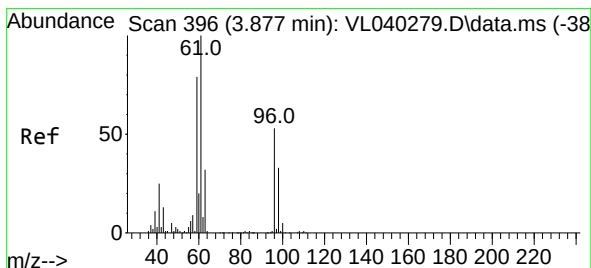
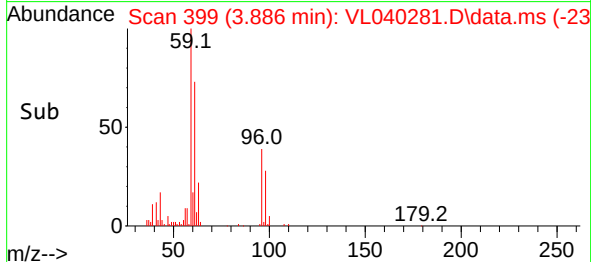
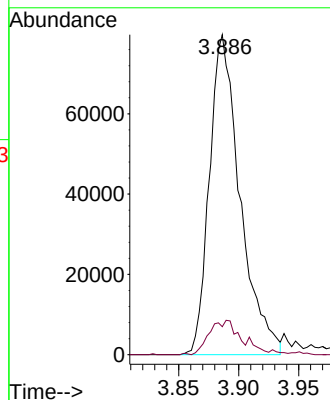
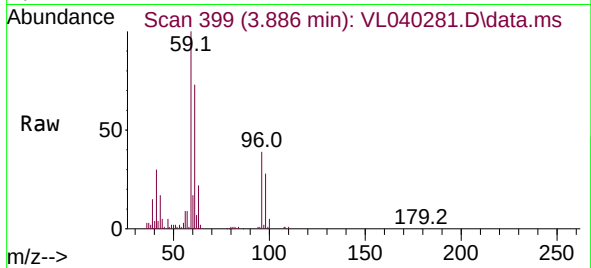
57 12.1 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#18

1,1-Dichloroethene

Concen: 1.144 ppbv

RT: 3.880 min Scan# 397

Delta R.T. 0.010 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

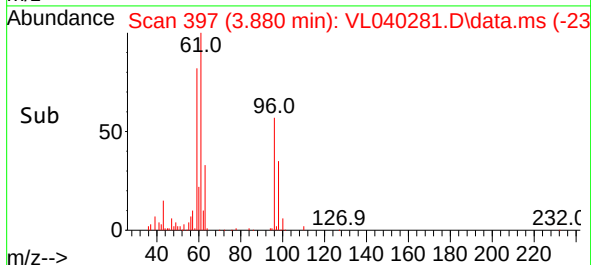
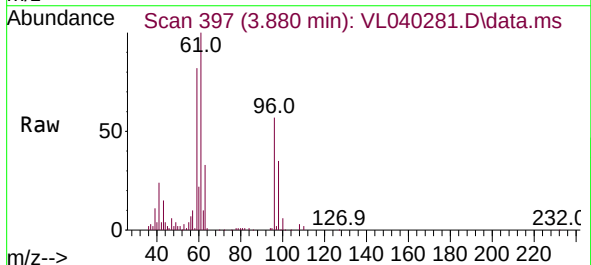
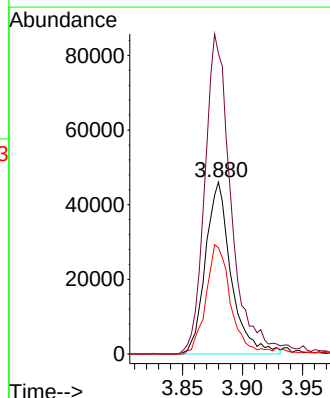
Tgt Ion: 96 Resp: 68279

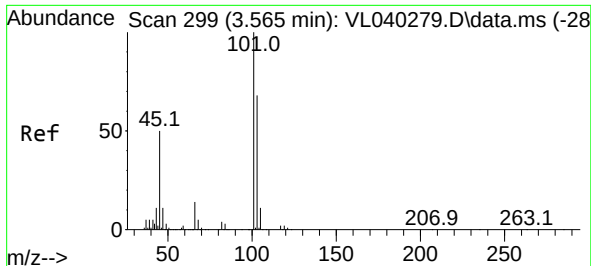
Ion Ratio Lower Upper

96 100

61 174.3 149.6 224.4

98 61.8 51.1 76.7





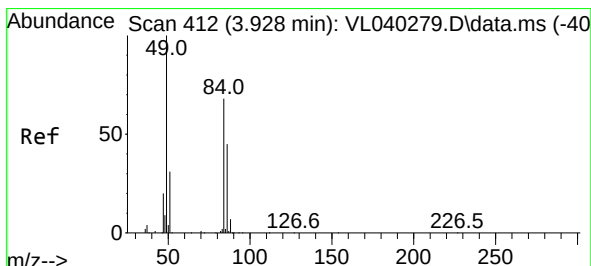
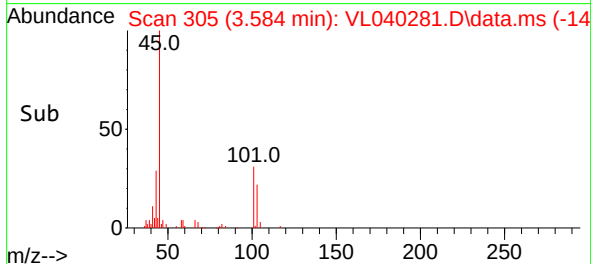
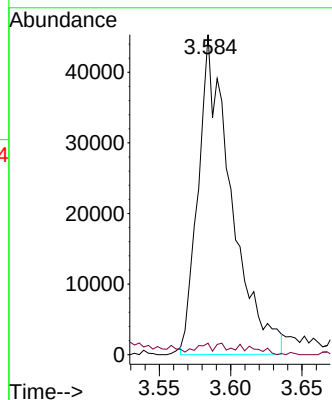
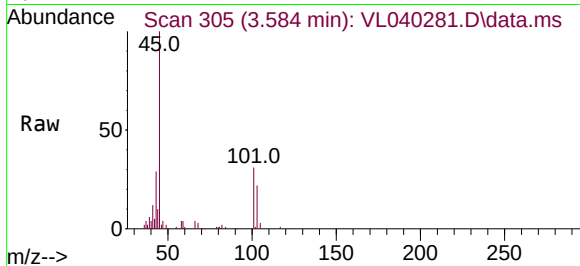
#19
Isopropyl Alcohol
Concen: 1.139 ppbv m
RT: 3.584 min Scan# 305
Delta R.T. 0.022 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 7260
Ion Ratio Lower Upper
45 100
58 5.0 2.6 3.8

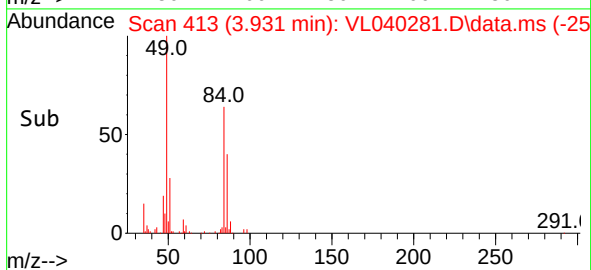
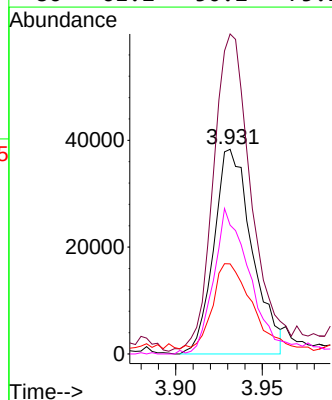
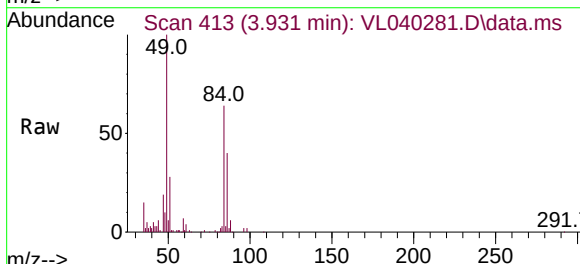
Manual Integrations
APPROVED

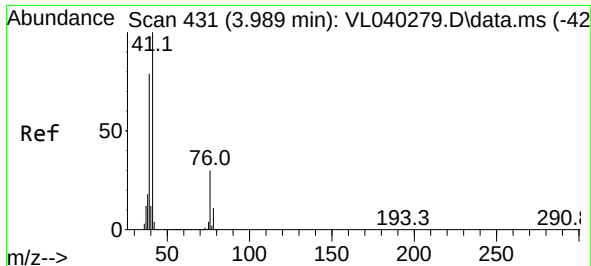
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#20
Methylene Chloride
Concen: 0.844 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.010 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

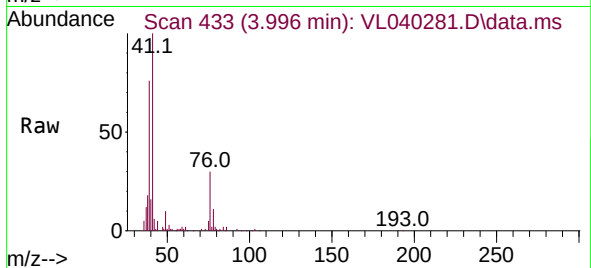
Tgt Ion: 84 Resp: 58928
Ion Ratio Lower Upper
84 100
49 153.8 115.5 173.3
51 41.5 33.1 49.7
86 61.2 50.2 75.2





#21
 Allyl Chloride
 Concen: 1.083 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

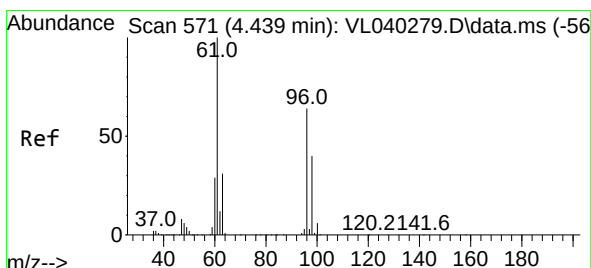
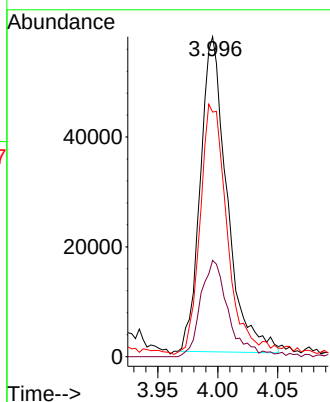
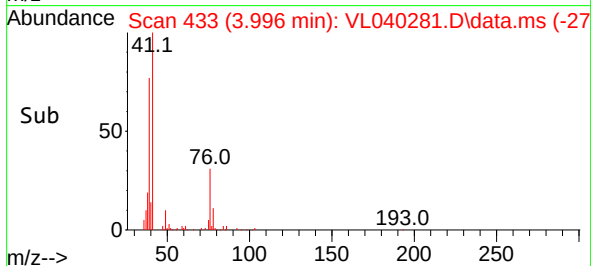
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 41 Resp: 89040
 Ion Ratio Lower Upper
 41 100
 76 31.9 25.5 38.3
 39 83.6 64.5 96.7

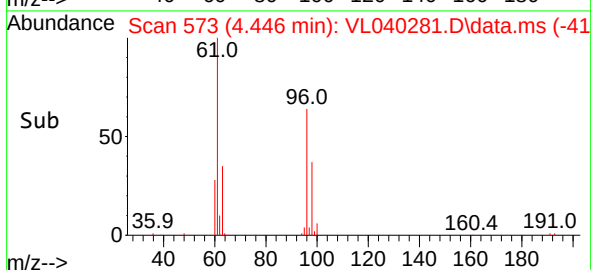
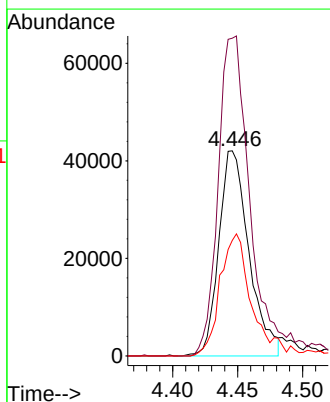
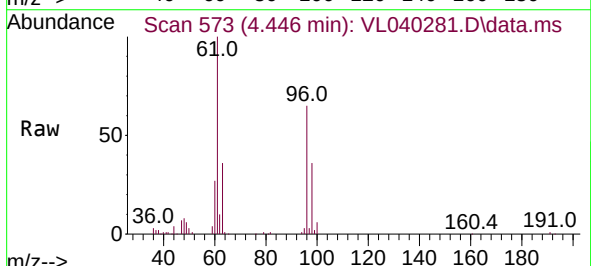
Manual Integrations
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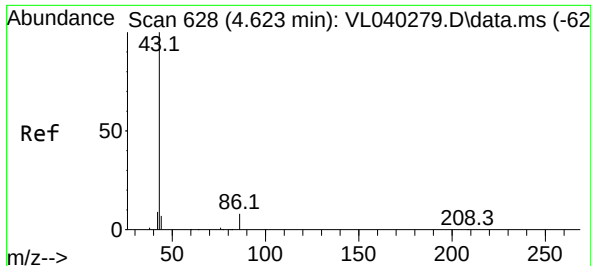
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#22
 trans-1,2-Dichloroethene
 Concen: 1.099 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. 0.010 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

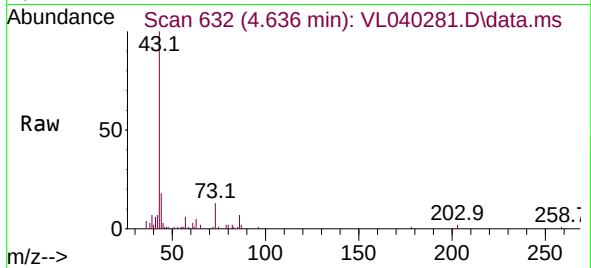
Tgt Ion: 96 Resp: 67911
 Ion Ratio Lower Upper
 96 100
 61 154.9 137.5 206.3
 98 56.3 52.8 79.2





#23
 Vinyl Acetate
 Concen: 0.931 ppbv m
 RT: 4.636 min Scan# 61
 Delta R.T. 0.016 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

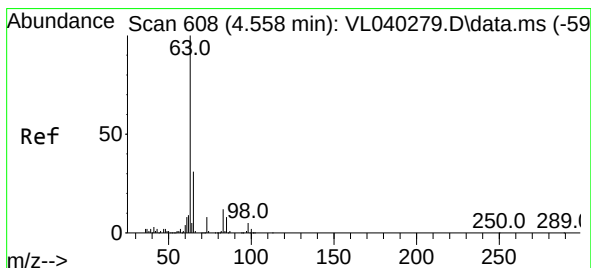
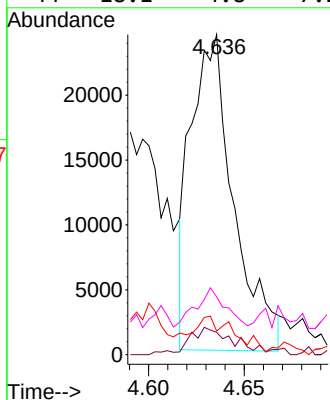
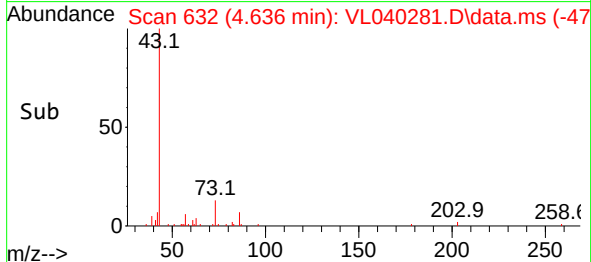
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



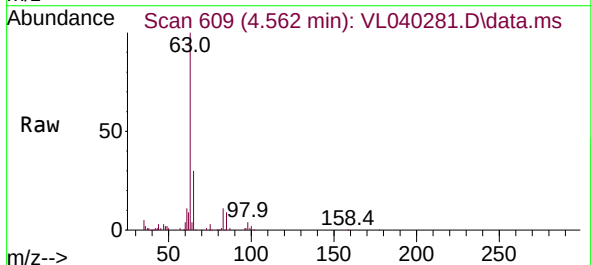
Tgt Ion: 43 Resp: 3785
 Ion Ratio Lower Upper
 43 100
 86 7.0 5.6 8.4
 42 7.4 7.6 11.4
 44 18.1 4.8 7.2

Manual Integrations
 APPROVED

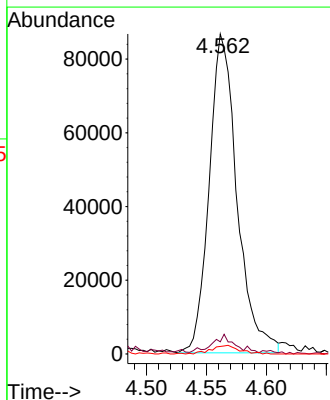
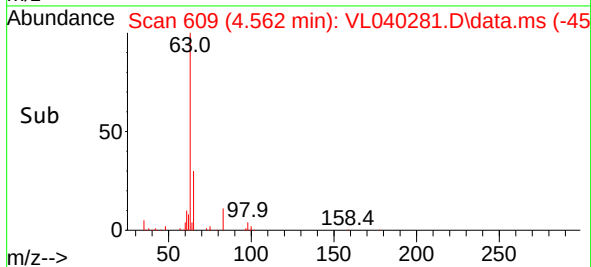
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

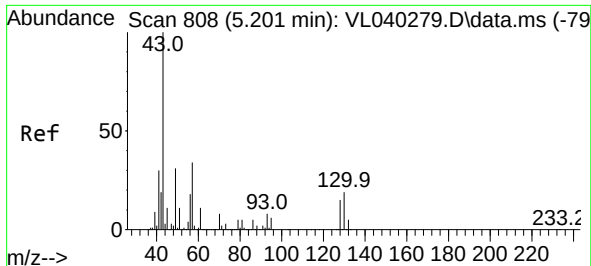


#24
 1,1-Dichloroethane
 Concen: 1.100 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.006 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53



Tgt Ion: 63 Resp: 139835
 Ion Ratio Lower Upper
 63 100
 98 3.4 2.3 6.8
 100 2.3 1.4 4.0





#25
Ethyl Acetate
Concen: 1.073 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.013 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

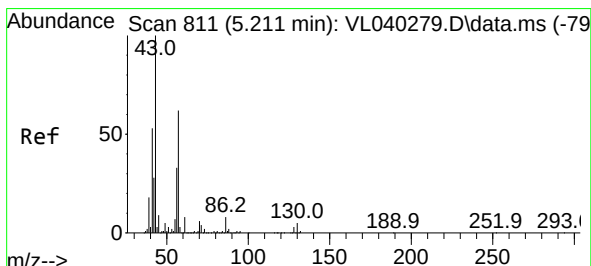
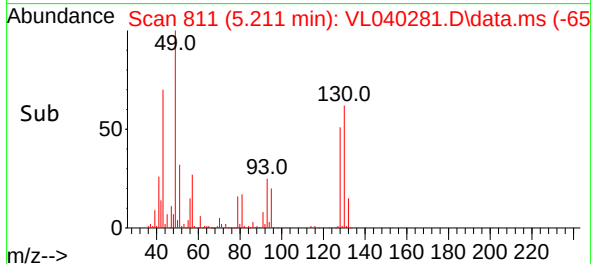
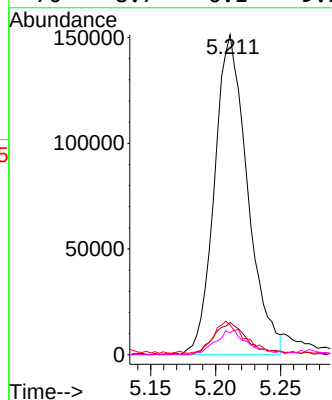
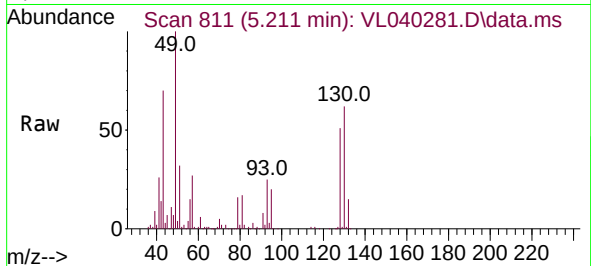
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 267490

Ion	Ratio	Lower	Upper
43	100		
45	11.2	8.3	12.5
61	11.9	8.4	12.6
70	8.7	6.1	9.1

Manual Integrations
APPROVED

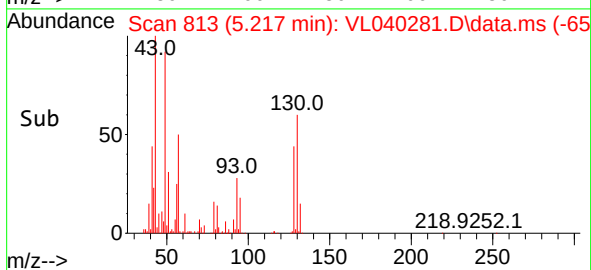
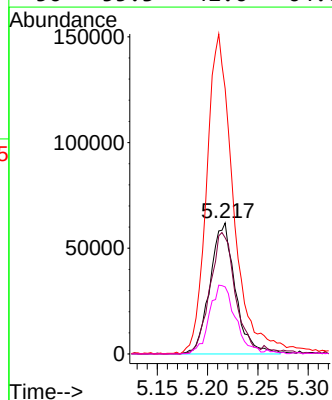
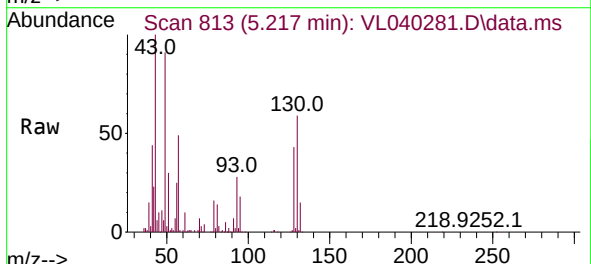
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

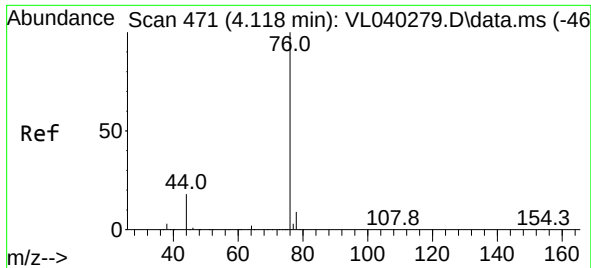


#26
Hexane
Concen: 1.014 ppbv
RT: 5.217 min Scan# 813
Delta R.T. 0.010 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 57 Resp: 108445

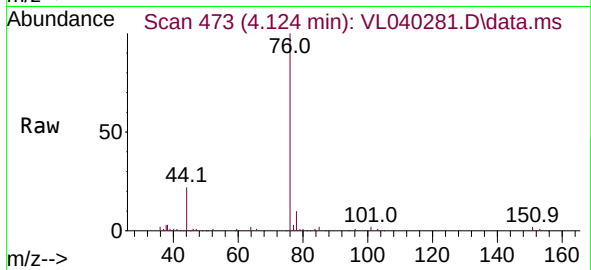
Ion	Ratio	Lower	Upper
57	100		
41	95.3	74.3	111.5
43	259.9	193.0	289.4
56	55.3	42.6	64.0





#27
Carbon Disulfide
Concen: 1.041 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

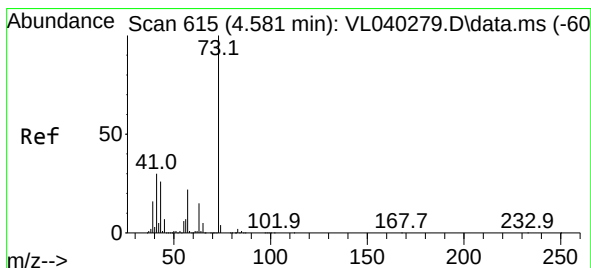
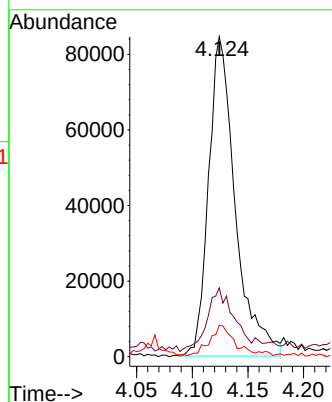
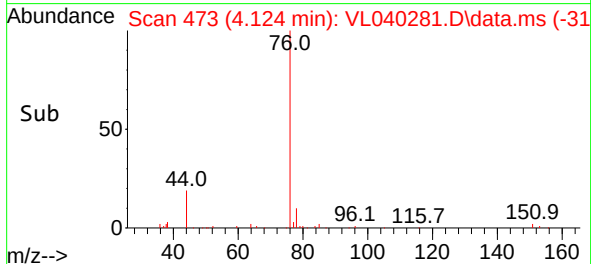
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 76 Resp: 141278
Ion Ratio Lower Upper
76 100
44 21.9 15.3 22.9
78 10.6 7.7 11.5

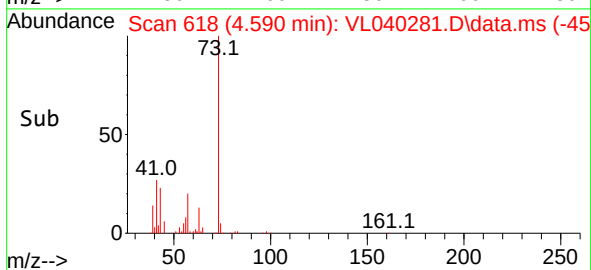
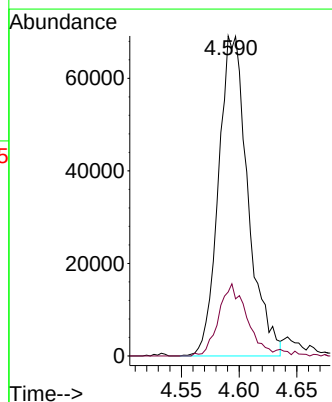
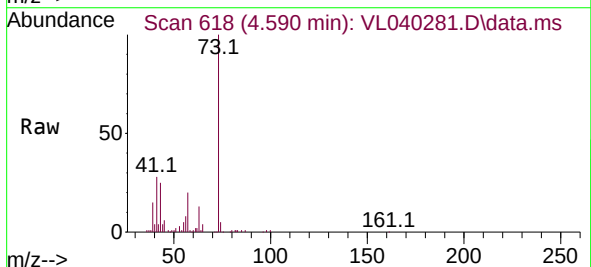
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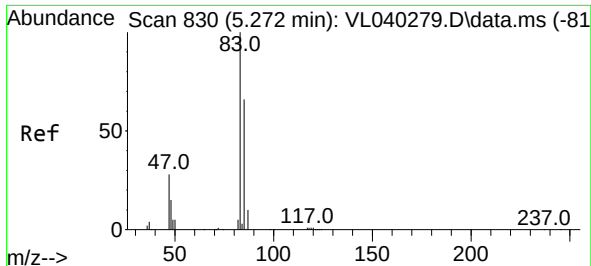
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#28
Methyl tert-Butyl Ether
Concen: 1.071 ppbv
RT: 4.590 min Scan# 618
Delta R.T. 0.013 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 73 Resp: 122800
Ion Ratio Lower Upper
73 100
57 22.8 18.8 28.2





#29

Chloroform

Concen: 1.077 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 83 Resp: 19785

Ion Ratio Lower Upper

83 100

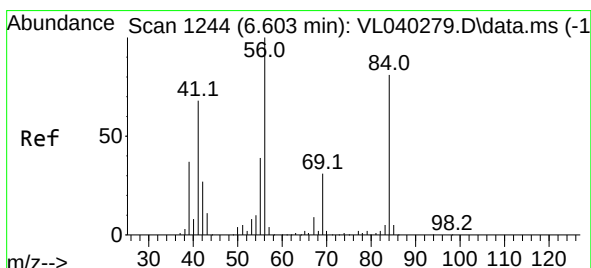
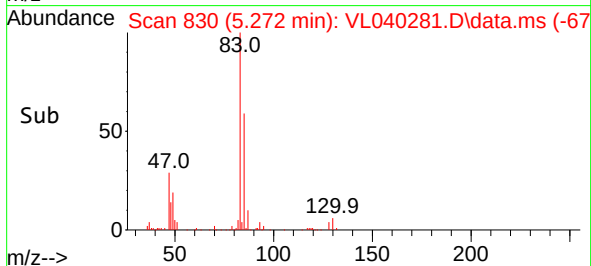
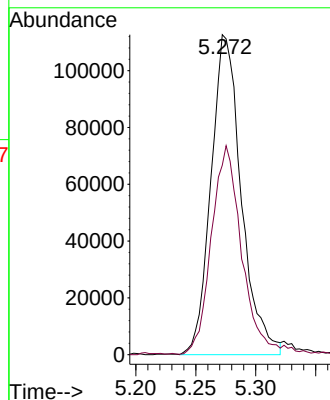
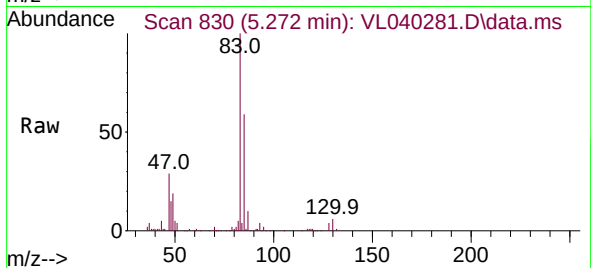
85 59.1 51.5 77.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#30

Cyclohexane

Concen: 0.941 ppbv m

RT: 6.603 min Scan# 1244

Delta R.T. -0.000 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

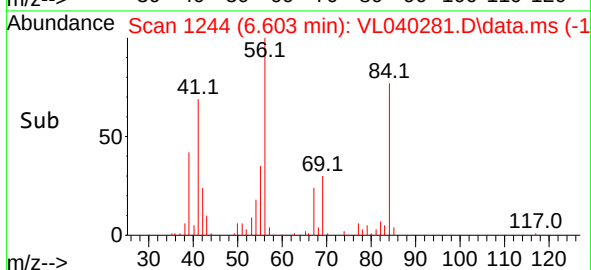
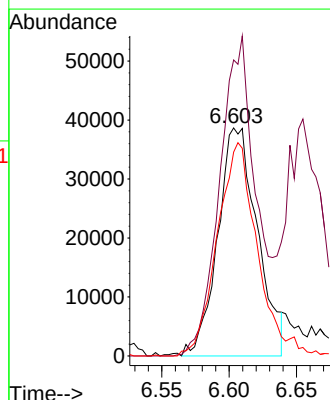
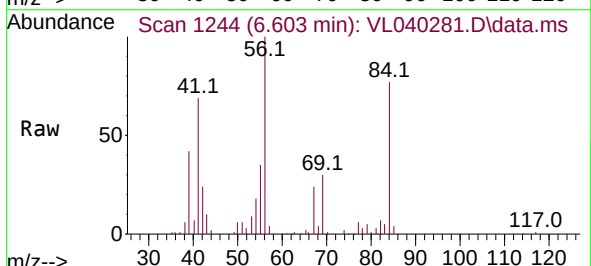
Tgt Ion: 84 Resp: 79014

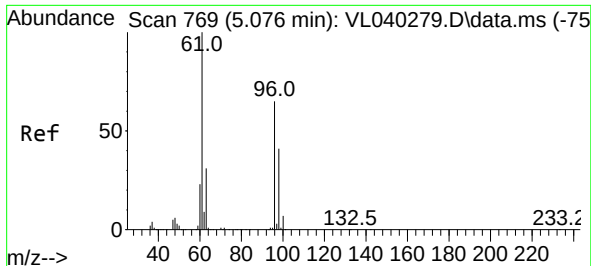
Ion Ratio Lower Upper

84 100

56 124.3 109.9 164.9

41 94.5 67.8 101.6





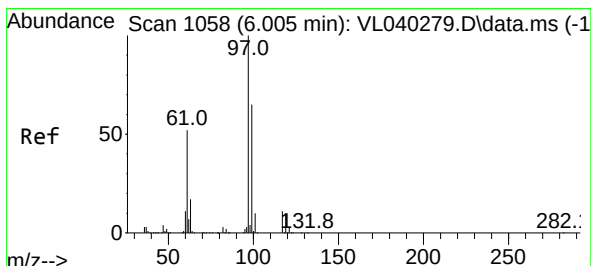
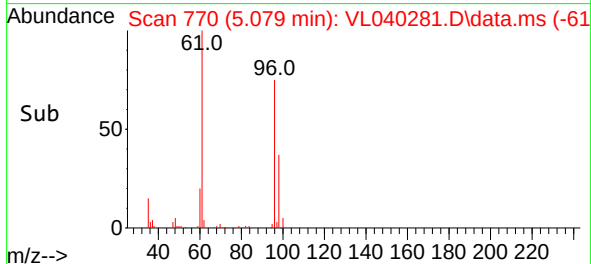
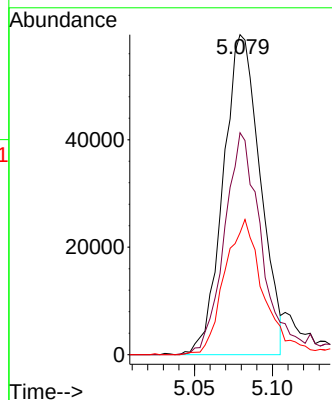
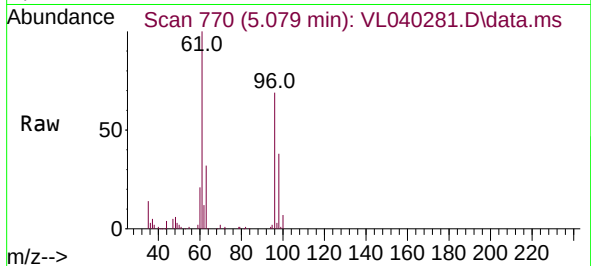
#31
 cis-1,2-Dichloroethene
 Concen: 0.969 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 61 Resp: 9846
 Ion Ratio Lower Upper
 61 100
 96 69.1 53.7 80.5
 98 38.1 36.4 54.6

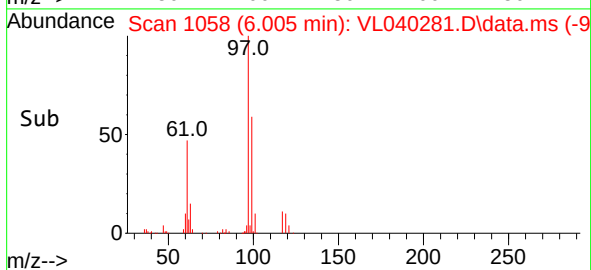
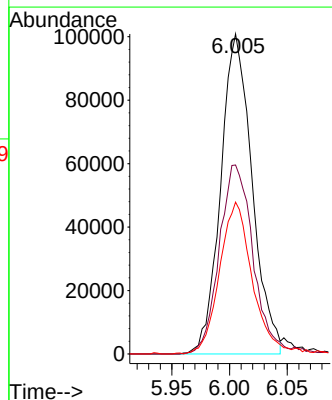
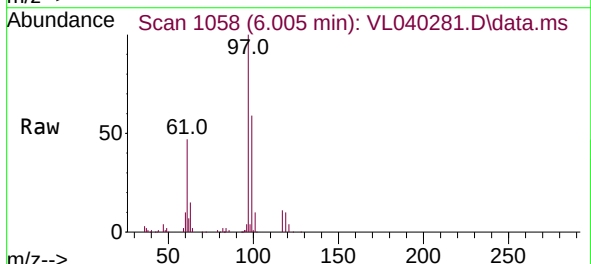
Manual Integrations
 APPROVED

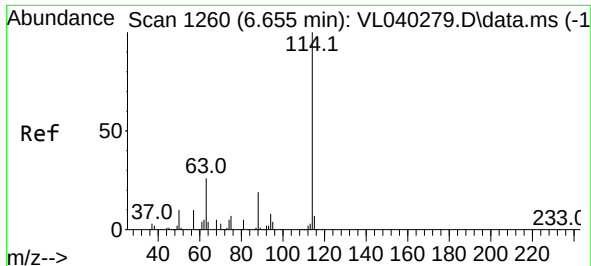
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#32
 1,1,1-Trichloroethane
 Concen: 1.107 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

Tgt Ion: 97 Resp: 190995
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.5 77.3
 61 50.0 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:114 Resp: 2896214

Ion Ratio Lower Upper

114 100

63 25.7 20.4 30.6

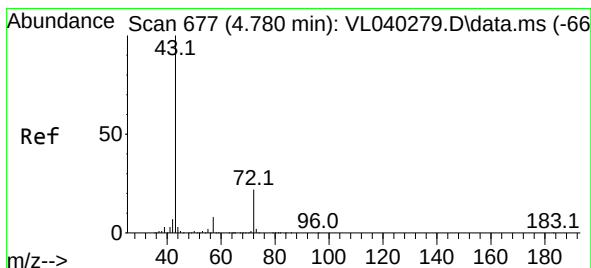
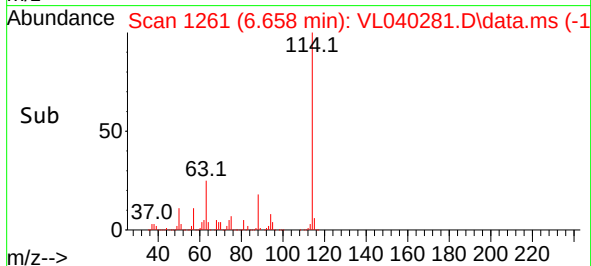
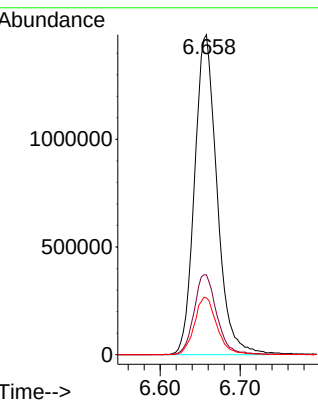
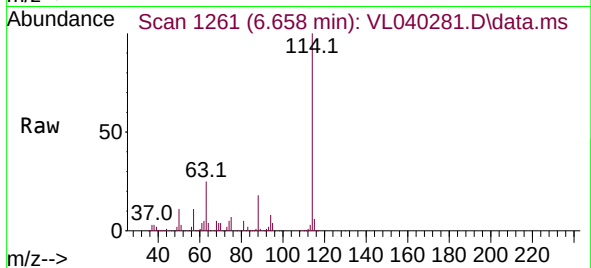
88 18.1 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#34

2-Butanone

Concen: 1.024 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.019 min

Lab File: VL040281.D

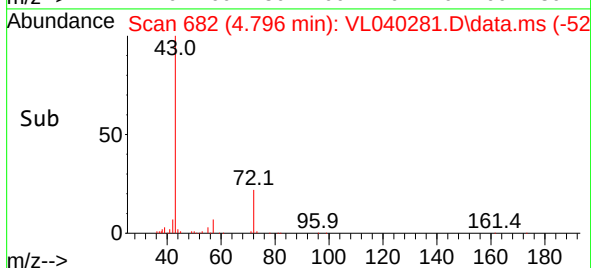
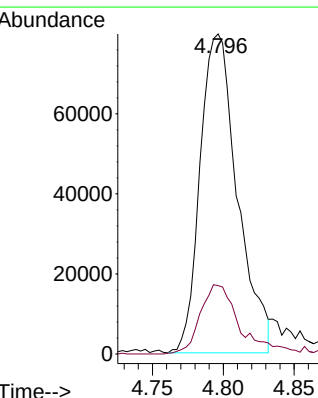
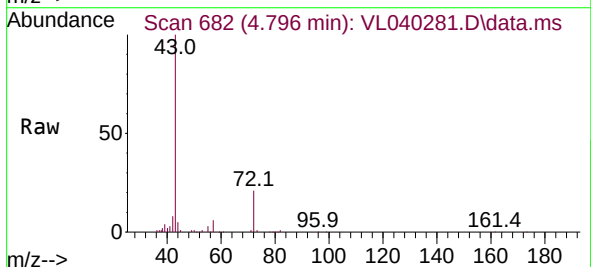
Acq: 15 Mar 2023 12:53

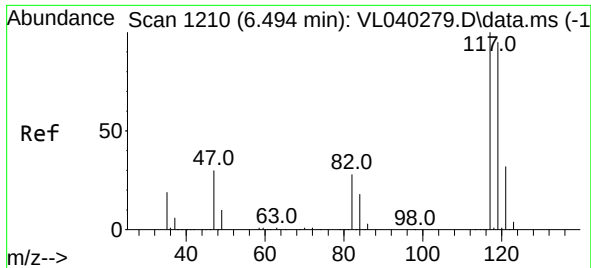
Tgt Ion: 43 Resp: 146303

Ion Ratio Lower Upper

43 100

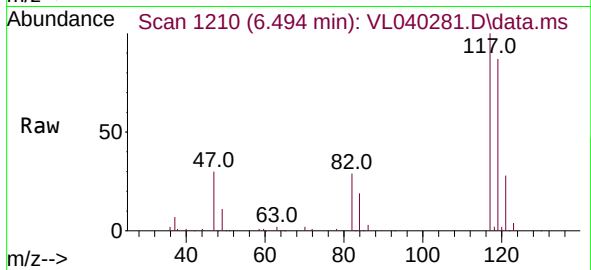
72 24.3 17.8 26.8





#35
Carbon Tetrachloride
Concen: 1.123 ppbv
RT: 6.494 min Scan# 1172
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

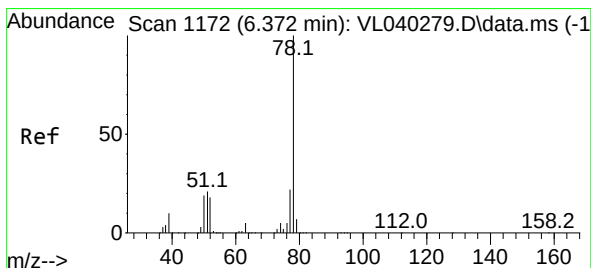
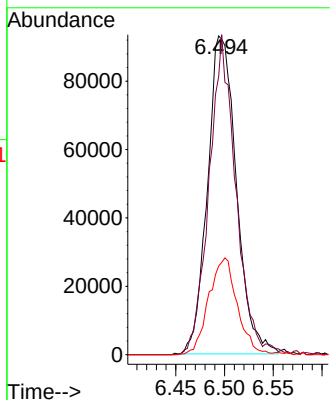
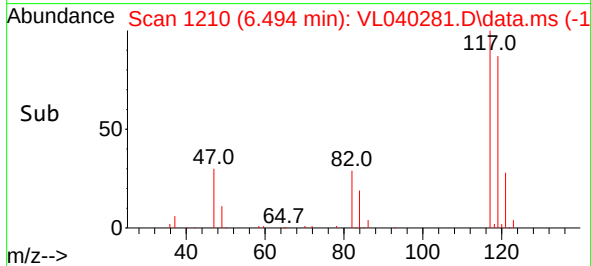
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



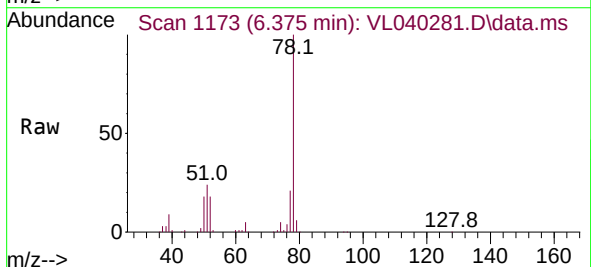
Tgt Ion: 117 Resp: 19221
Ion Ratio Lower Upper
117 100
119 87.3 75.0 112.6
121 27.9 25.0 37.4

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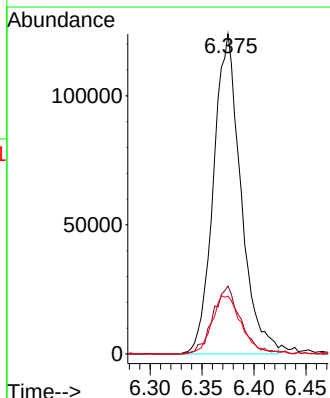
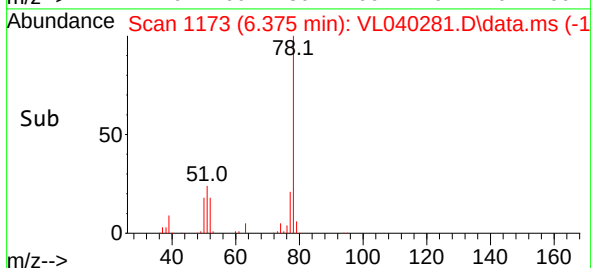
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

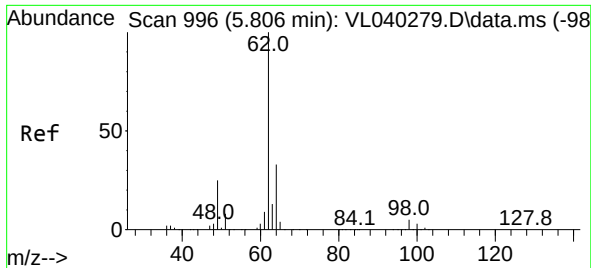


#36
Benzene
Concen: 1.008 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53



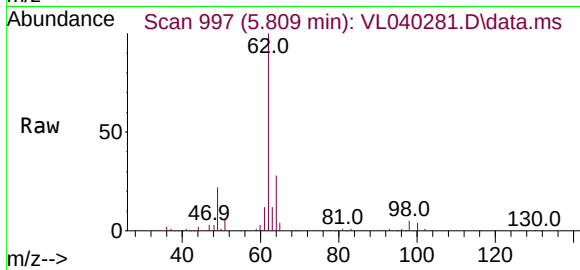
Tgt Ion: 78 Resp: 227226
Ion Ratio Lower Upper
78 100
77 21.2 17.5 26.3
50 18.1 14.6 22.0





#37
1,2-Dichloroethane
Concen: 1.047 ppbv
RT: 5.809 min Scan# 996
Delta R.T. 0.006 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

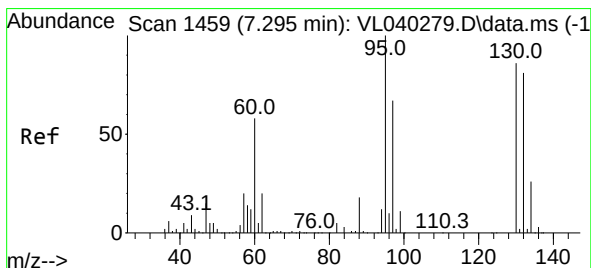
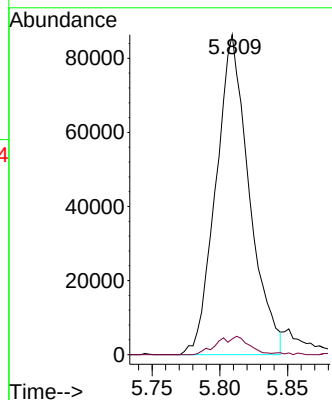
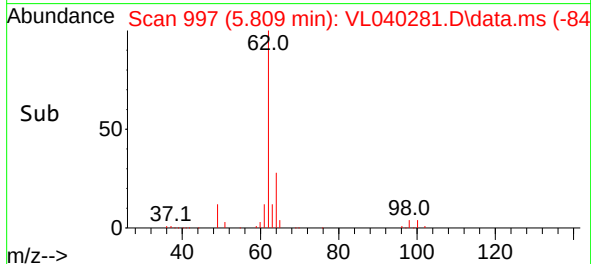
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



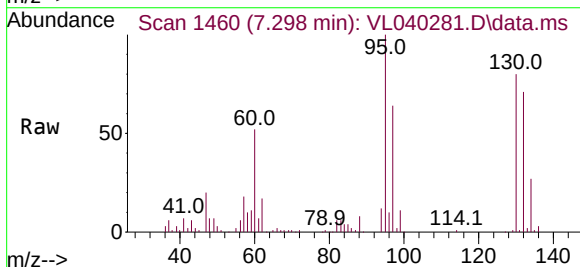
Tgt Ion: 62 Resp: 147610
Ion Ratio Lower Upper
62 100
98 5.8 4.7 7.1

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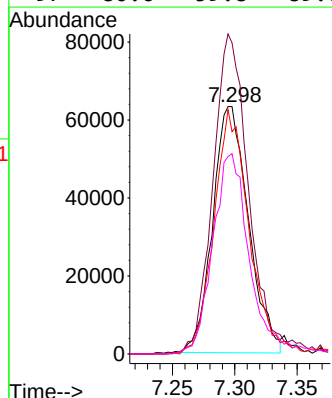
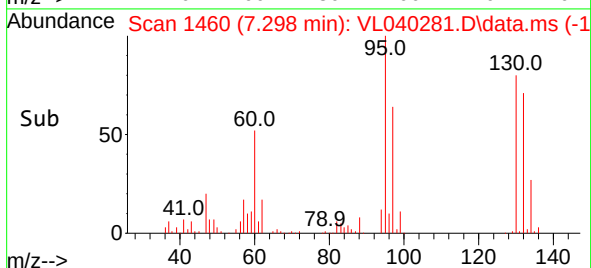
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

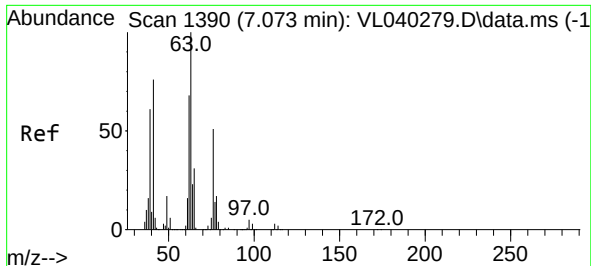


#38
Trichloroethene
Concen: 1.016 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53



Tgt Ion:130 Resp: 126161
Ion Ratio Lower Upper
130 100
95 125.5 94.7 142.1
132 90.3 76.4 114.6
97 80.6 59.8 89.6





#39

1,2-Dichloropropane

Concen: 0.993 ppbv

RT: 7.079 min Scan# 1390

Delta R.T. 0.006 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

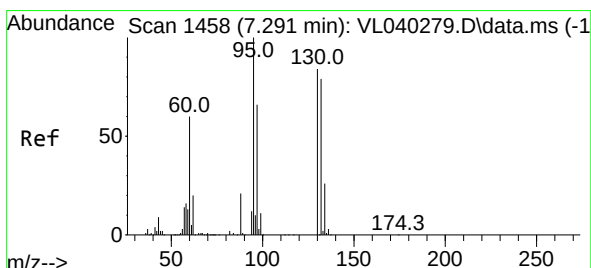
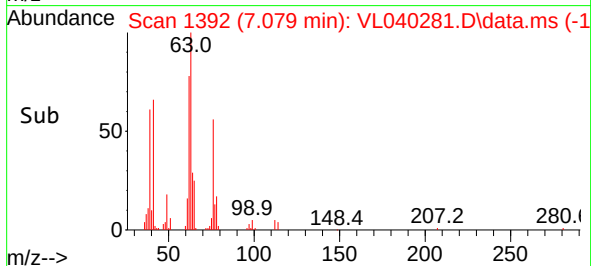
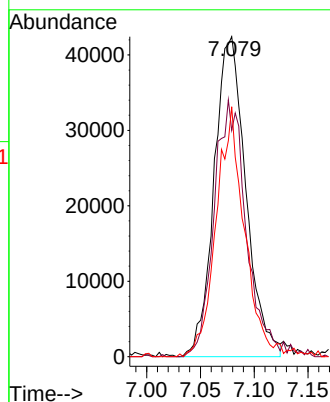
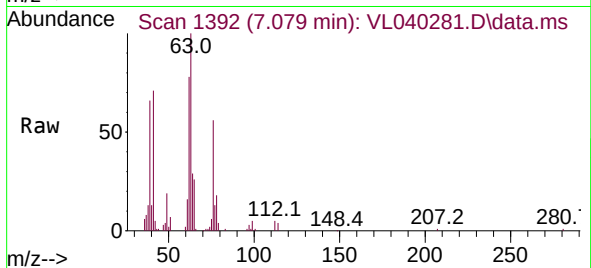
Tgt Ion: 63 Resp: 87080

Ion	Ratio	Lower	Upper
63	100		
41	70.8	57.6	86.4
62	77.3	54.0	81.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#40

1,4-Dioxane

Concen: 0.996 ppbv m

RT: 7.314 min Scan# 1465

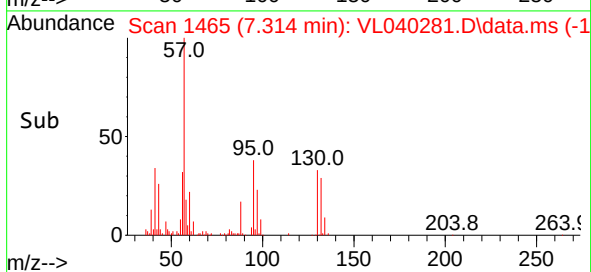
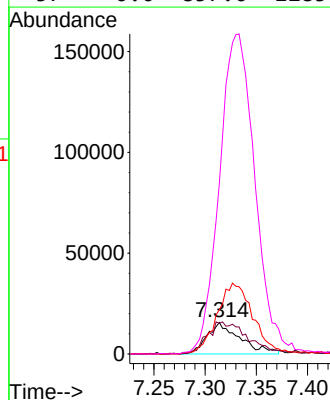
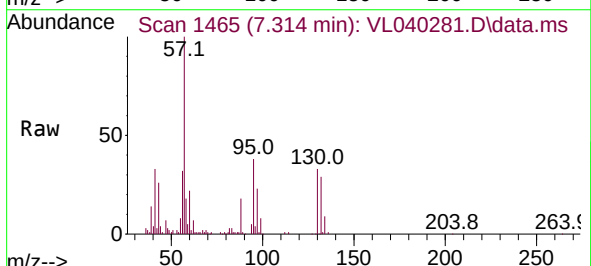
Delta R.T. 0.029 min

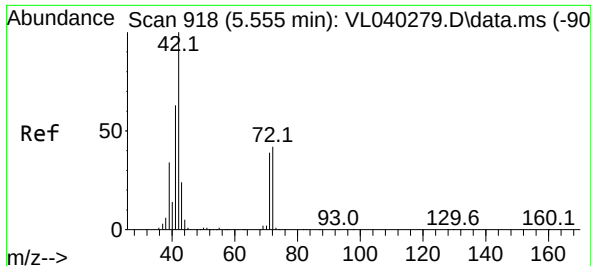
Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Tgt Ion: 88 Resp: 34946

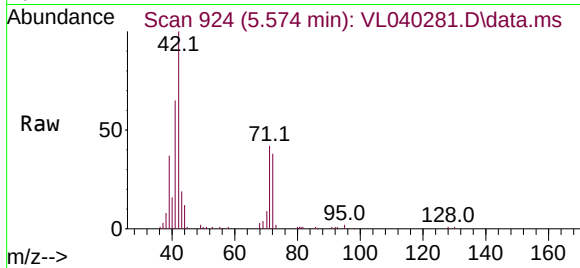
Ion	Ratio	Lower	Upper
88	100		
58	129.5	97.4	146.0
43	0.0	193.5	290.3#
57	0.0	857.0	1285.6#





#41
Tetrahydrofuran
Concen: 1.019 ppbv m
RT: 5.574 min Scan# 918
Delta R.T. 0.022 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

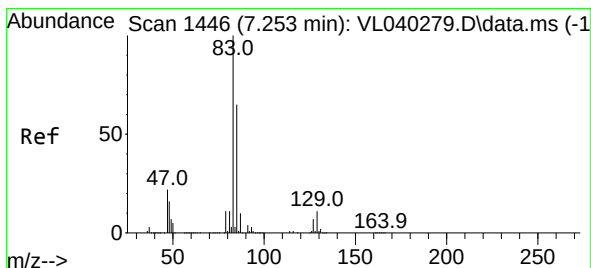
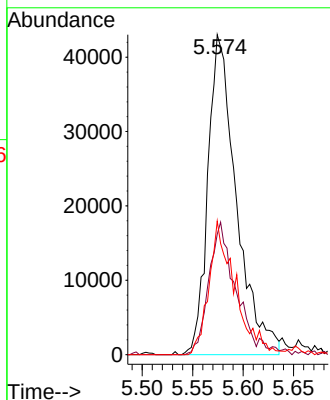
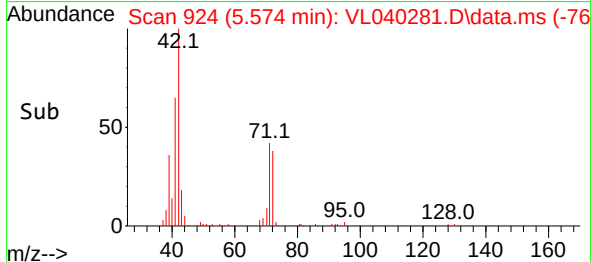
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 42 Resp: 84349
Ion Ratio Lower Upper
42 100
72 40.4 33.0 49.4
71 38.6 31.4 47.2

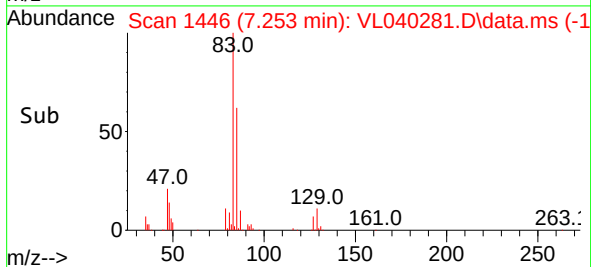
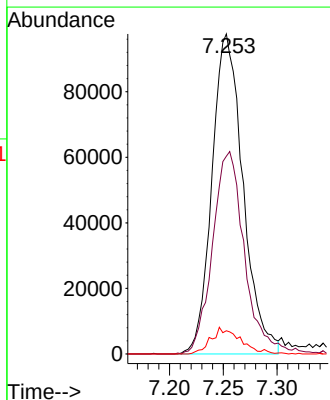
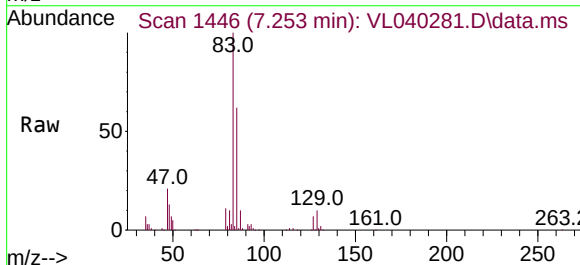
Manual Integrations
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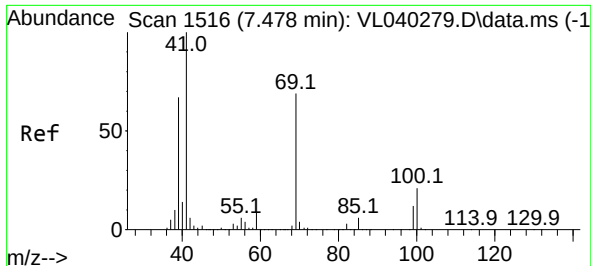
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#42
Bromodichloromethane
Concen: 1.007 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 83 Resp: 195978
Ion Ratio Lower Upper
83 100
85 61.5 50.9 76.3
127 7.3 6.2 9.2





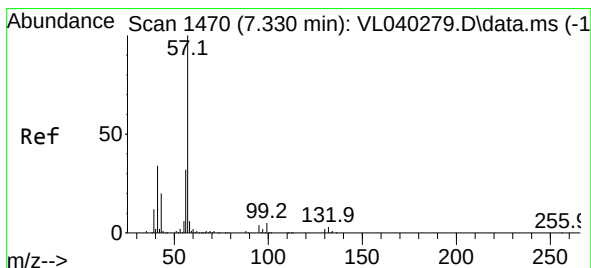
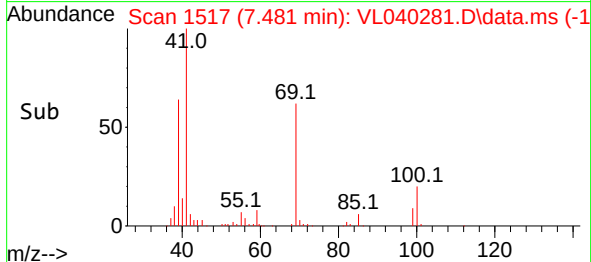
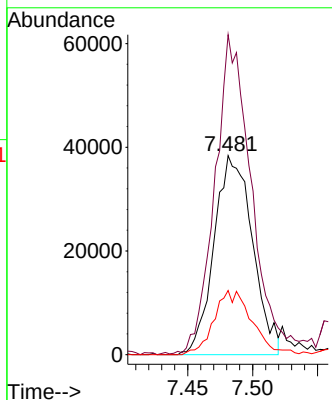
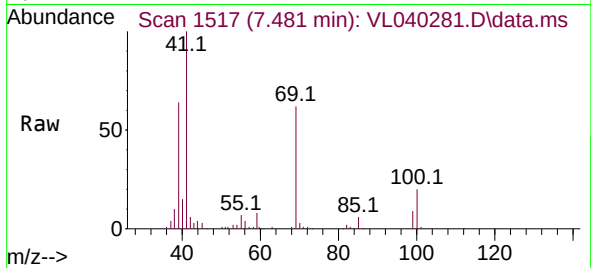
#43
Methyl Methacrylate
Concen: 0.947 ppbv
RT: 7.481 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 69 Resp: 79010
Ion Ratio Lower Upper
69 100
41 154.4 116.6 174.8
100 31.7 25.6 38.4

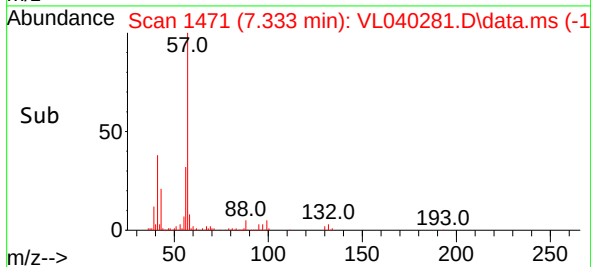
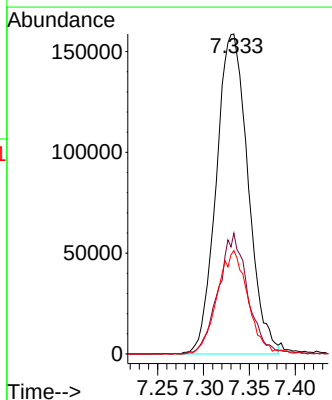
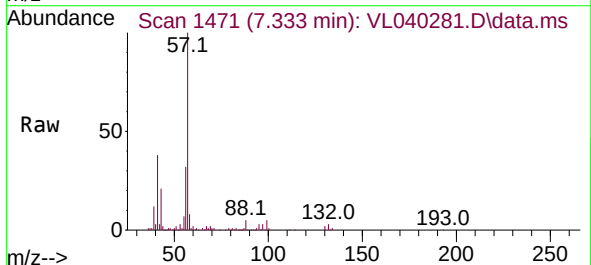
Manual Integrations
APPROVED

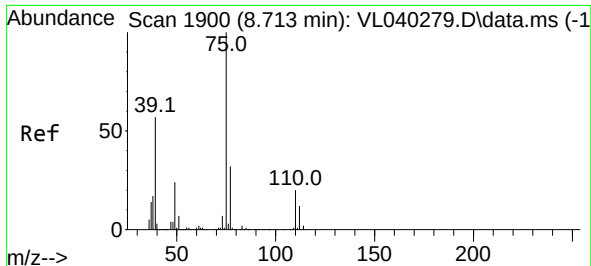
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#44
2,2,4-Trimethylpentane
Concen: 1.014 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 57 Resp: 381337
Ion Ratio Lower Upper
57 100
41 35.2 26.2 39.4
56 31.8 24.9 37.3





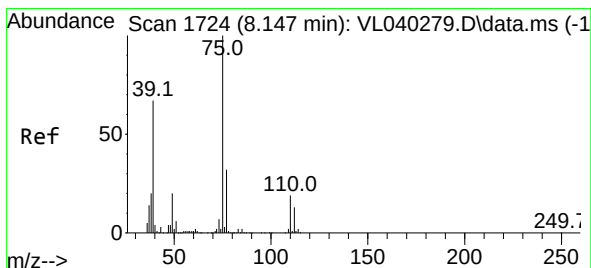
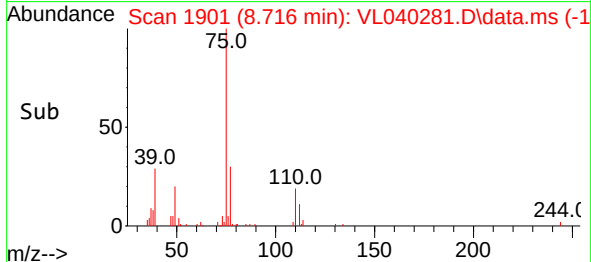
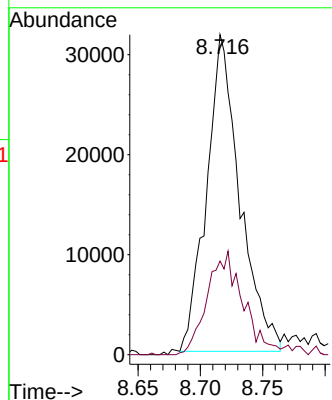
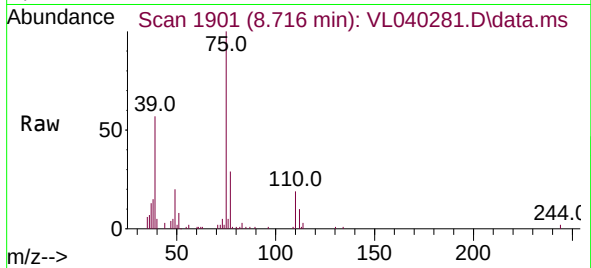
#45
 t-1,3-Dichloropropene
 Concen: 0.796 ppbv
 RT: 8.716 min Scan# 1900
 Delta R.T. 0.003 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 75 Resp: 5887
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.7 38.5

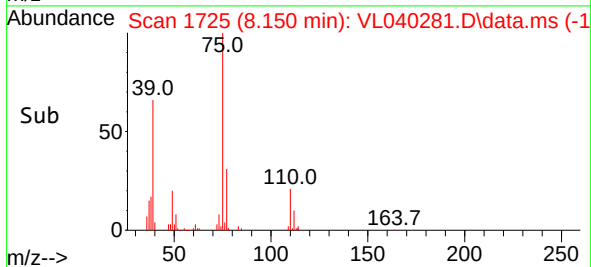
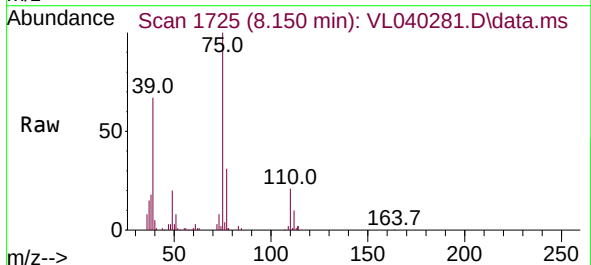
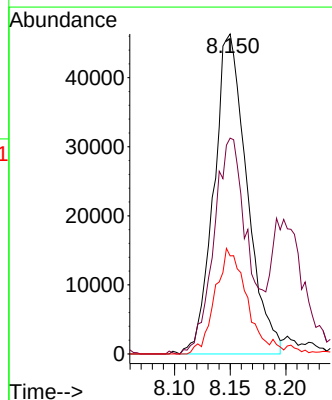
Manual Integrations
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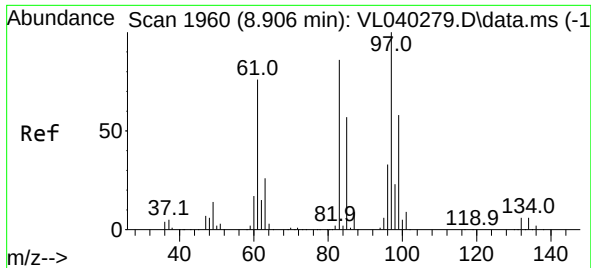
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#46
 cis-1,3-Dichloropropene
 Concen: 0.928 ppbv
 RT: 8.150 min Scan# 1725
 Delta R.T. 0.006 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

Tgt Ion: 75 Resp: 95646
 Ion Ratio Lower Upper
 75 100
 39 67.5 54.2 81.2
 77 30.7 26.0 39.0





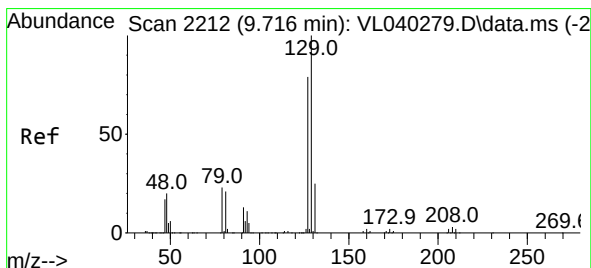
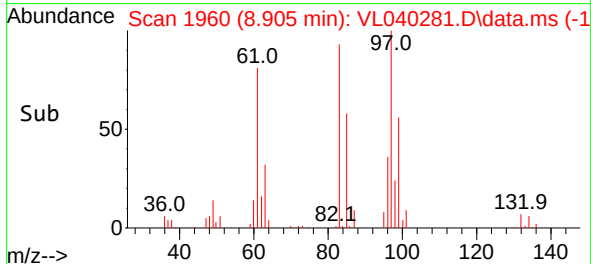
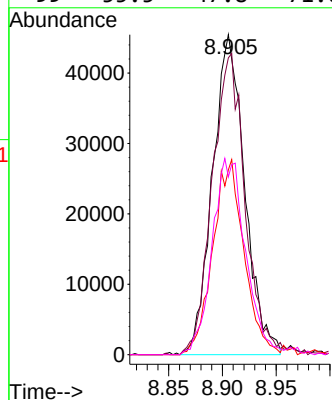
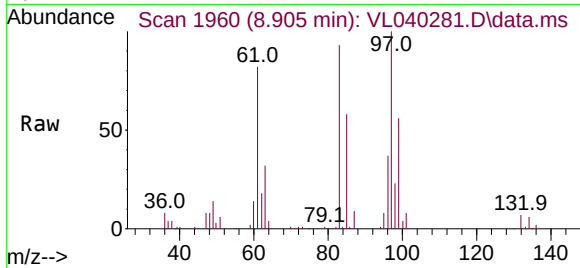
#47
1,1,2-Trichloroethane
Concen: 0.998 ppbv
RT: 8.905 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.8	72.8	109.2
85	57.8	46.6	69.8
99	55.5	47.8	71.6

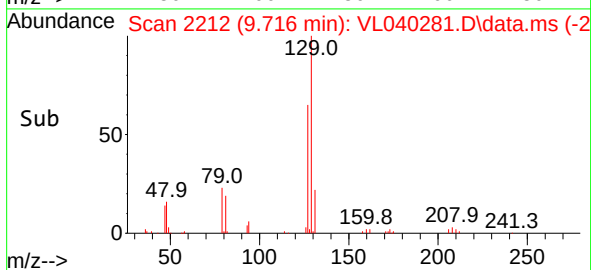
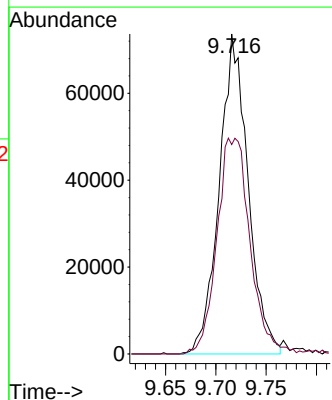
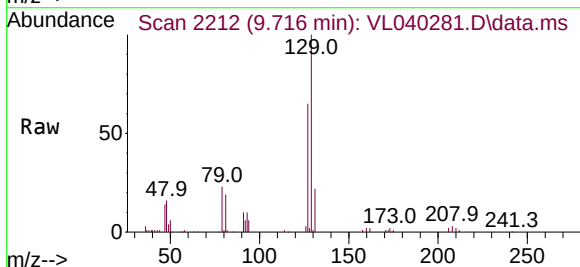
Manual Integrations
APPROVED

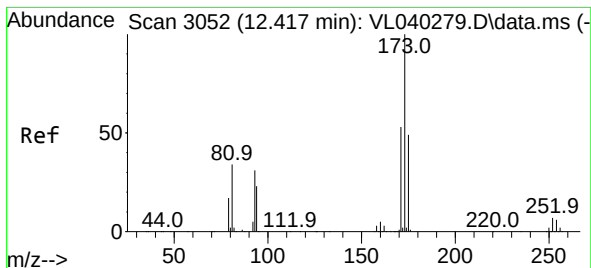
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#48
Dibromochloromethane
Concen: 0.966 ppbv
RT: 9.716 min Scan# 2212
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	39.1	117.2





#49

Bromoform

Concen: 0.885 ppbv

RT: 12.417 min Scan# 3052

Delta R.T. -0.000 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

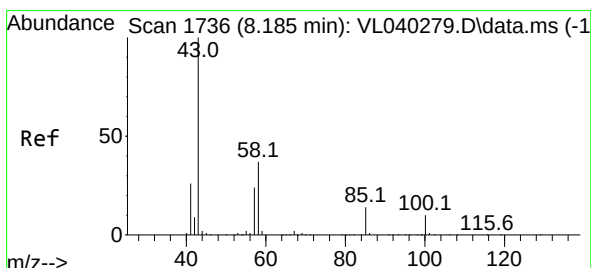
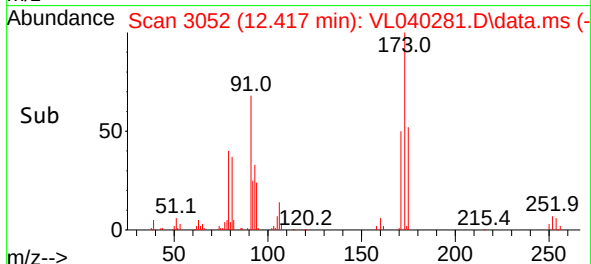
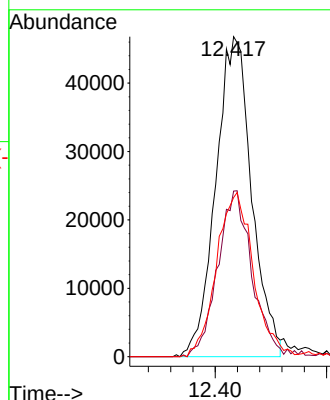
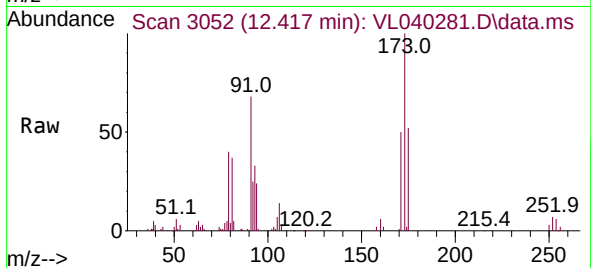
VSTDIC001

Tgt Ion:	173	Resp:	10479
Ion Ratio	Lower	Upper	
173	100		
175	49.9	39.4	59.0
171	53.1	41.8	62.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#50

4-Methyl-2-Pentanone

Concen: 1.007 ppbv

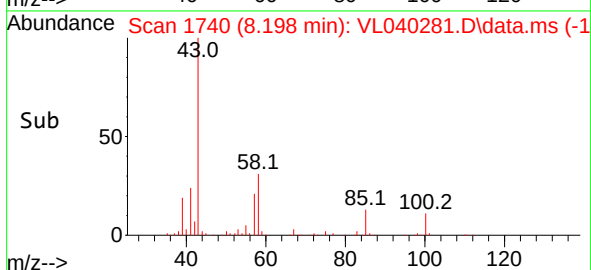
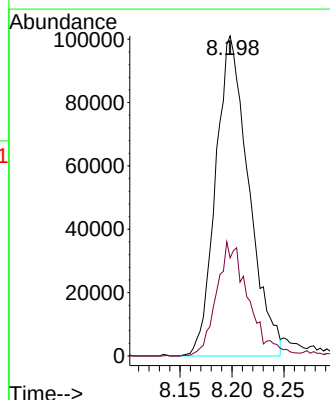
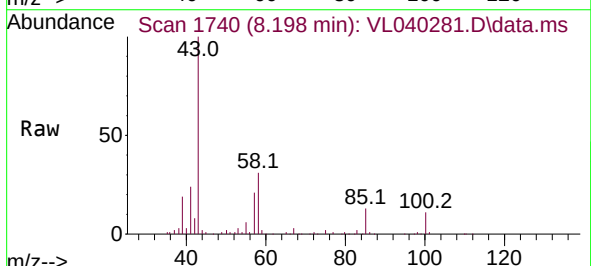
RT: 8.198 min Scan# 1740

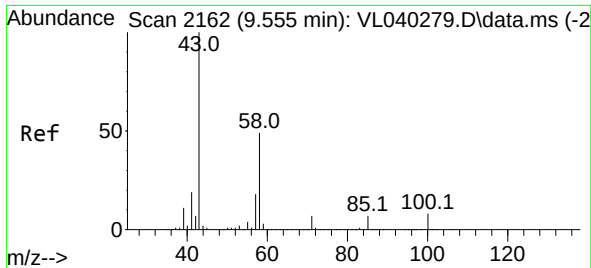
Delta R.T. 0.016 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Tgt Ion:	43	Resp:	223480
Ion Ratio	Lower	Upper	
43	100		
58	35.3	29.2	43.8





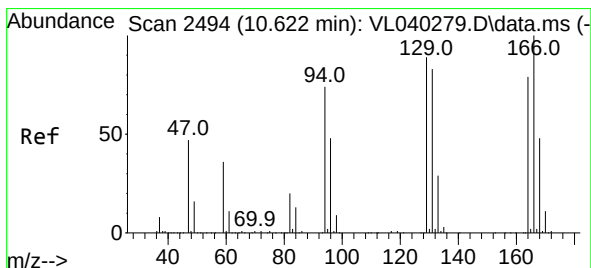
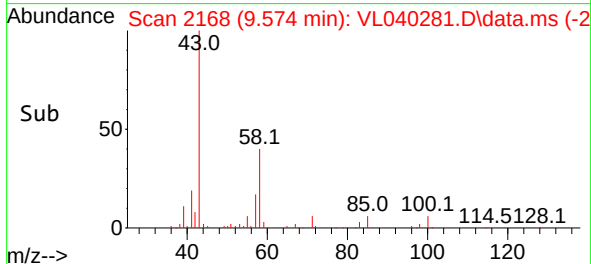
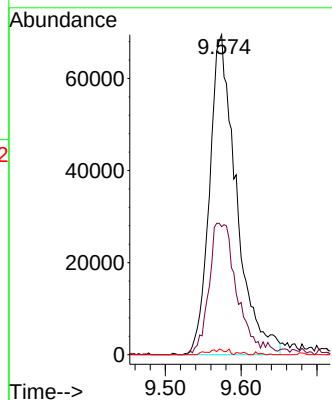
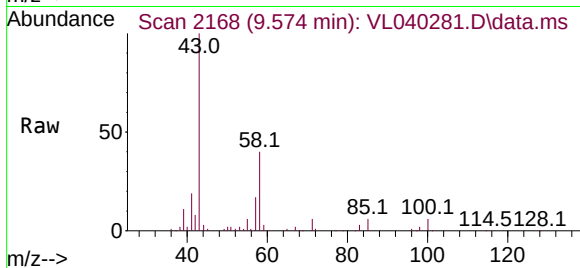
#51
2-Hexanone
Concen: 1.003 ppbv m
RT: 9.574 min Scan# 2162
Delta R.T. 0.019 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 17111
Ion Ratio Lower Upper
43 100
58 44.6 39.1 58.7
98 1.4 0.2 0.4

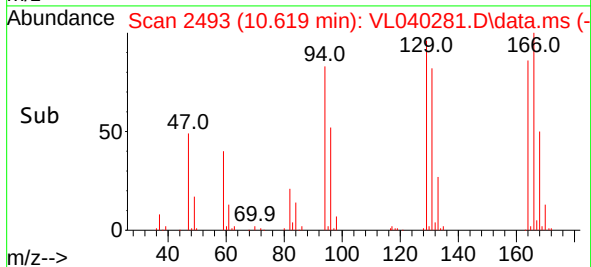
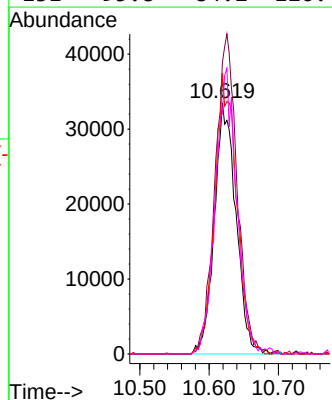
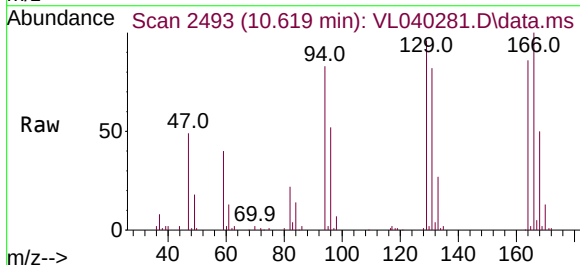
Manual Integrations
APPROVED

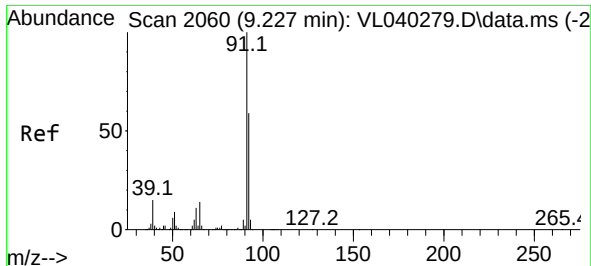
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#52
Tetrachloroethene
Concen: 1.029 ppbv m
RT: 10.619 min Scan# 2493
Delta R.T. -0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

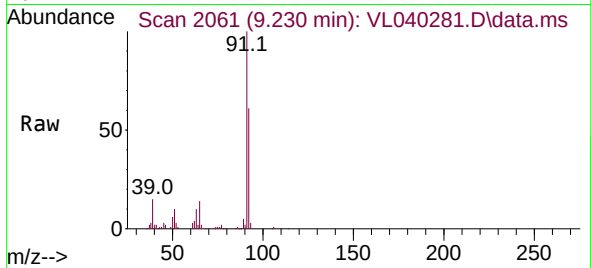
Tgt Ion:164 Resp: 72430
Ion Ratio Lower Upper
164 100
166 116.2 101.5 152.3
129 111.7 89.0 133.4
131 95.8 84.2 126.4





#53
Toluene
Concen: 0.930 ppbv
RT: 9.230 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

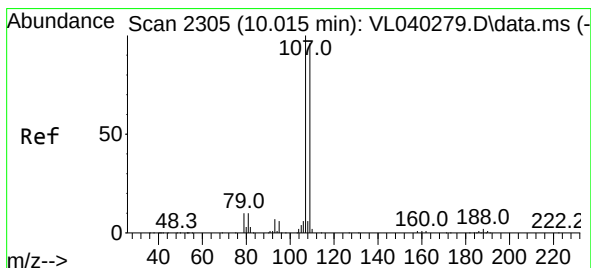
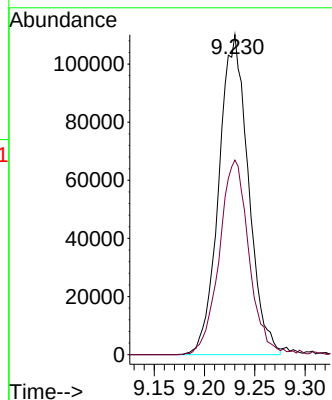
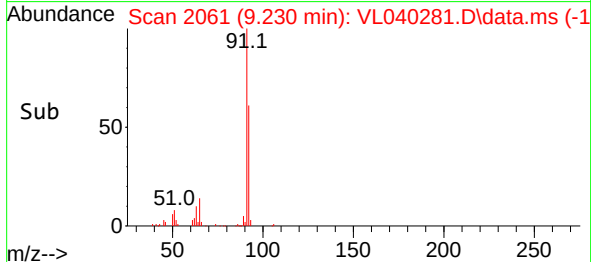
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



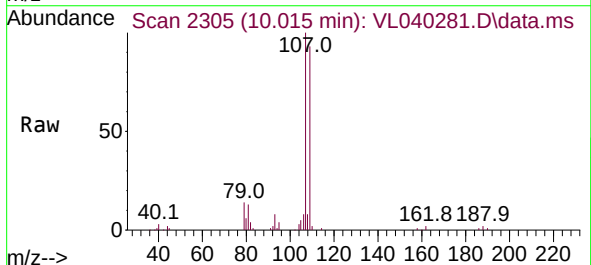
Tgt Ion: 91 Resp: 224529
Ion Ratio Lower Upper
91 100
92 62.2 48.9 73.3

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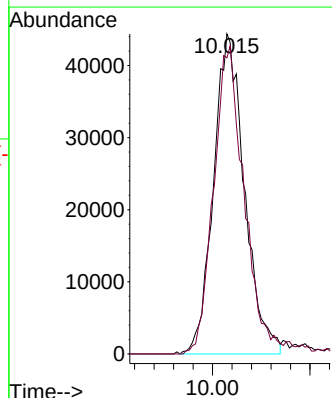
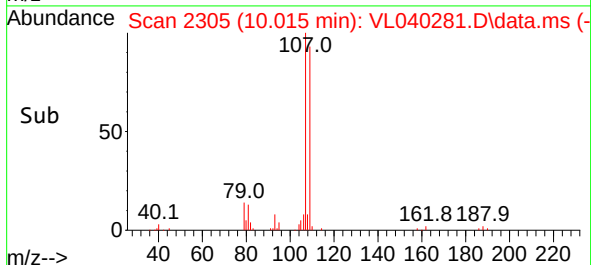
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

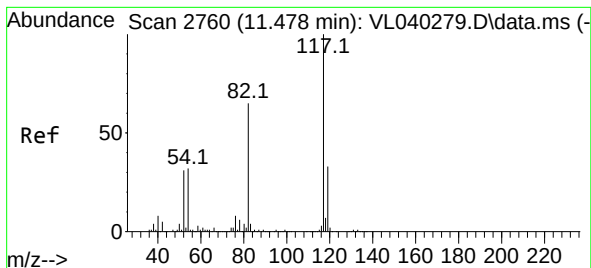


#54
1,2-Dibromoethane
Concen: 0.992 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53



Tgt Ion:107 Resp: 97848
Ion Ratio Lower Upper
107 100
109 92.6 73.8 110.8





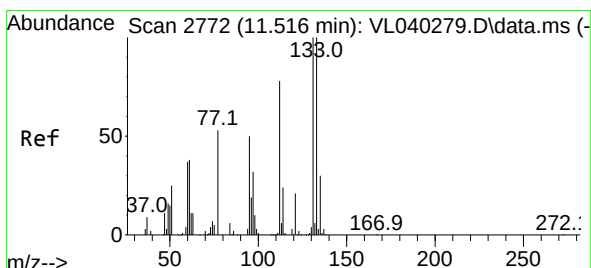
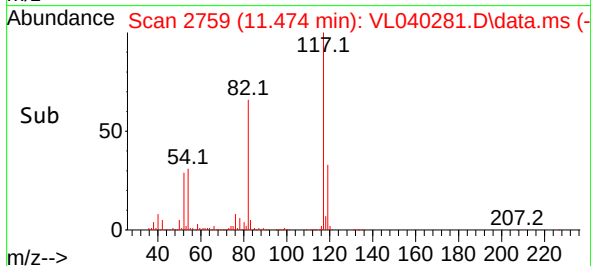
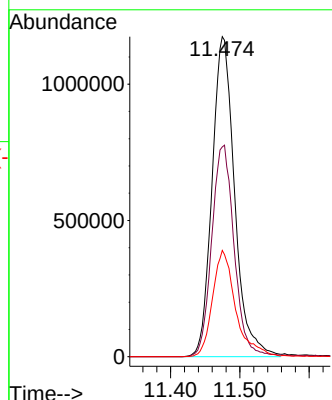
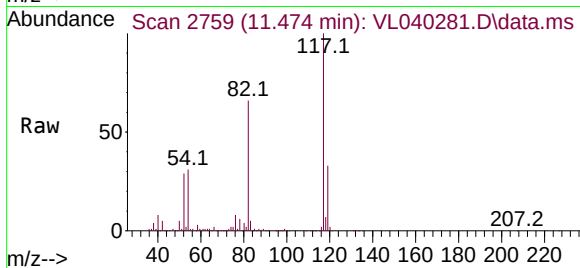
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 265621
Ion Ratio Lower Upper
117 100
82 65.7 53.3 79.9
119 34.3 24.6 37.0

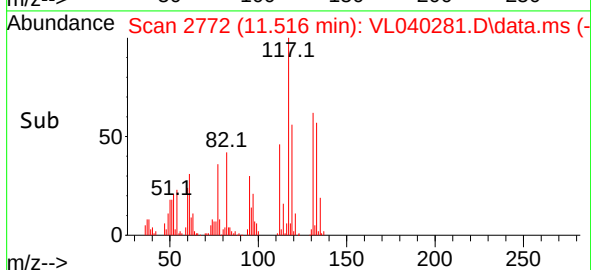
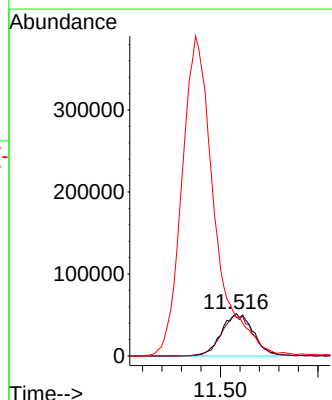
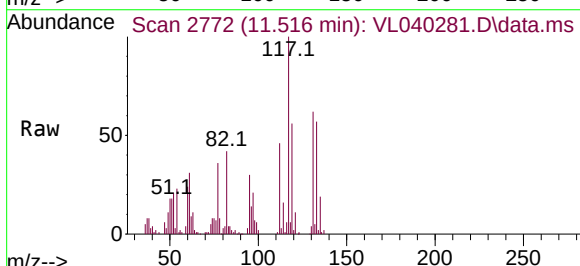
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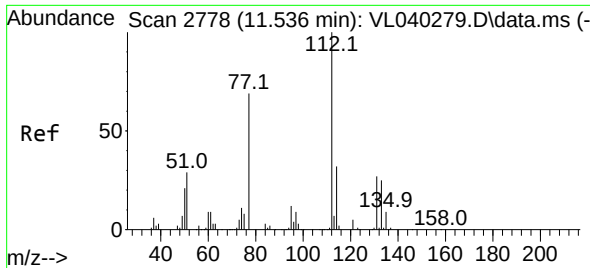
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 1.053 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

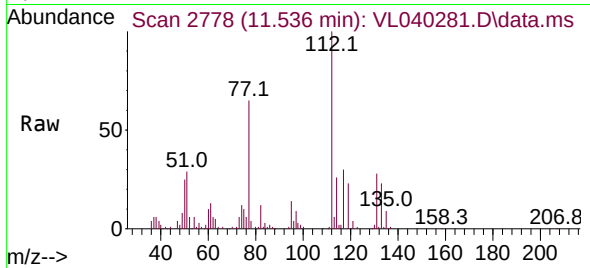
Tgt Ion:131 Resp: 117358
Ion Ratio Lower Upper
131 100
133 95.0 76.2 114.2
119 776.4 45.4 68.0#





#57
Chlorobenzene
Concen: 1.045 ppbv
RT: 11.536 min Scan# 2778
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

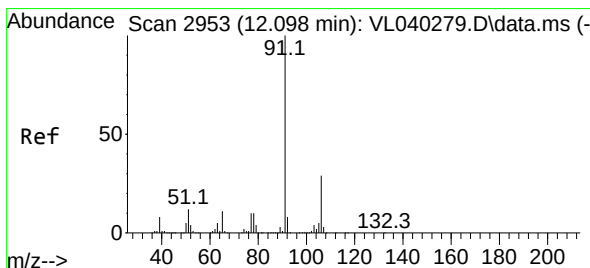
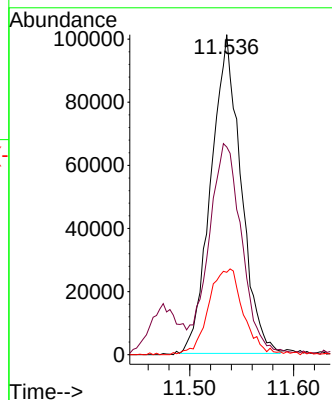
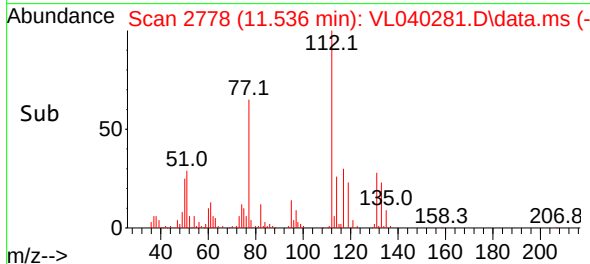
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 112 Resp: 20288
Ion Ratio Lower Upper
112 100
77 63.5 55.0 82.4
114 25.3 29.0 35.4

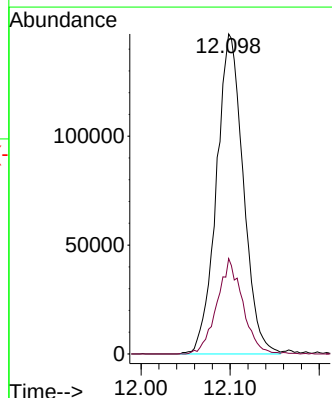
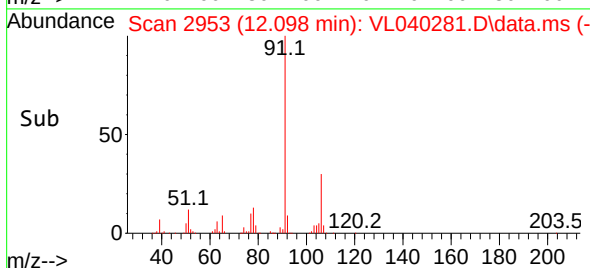
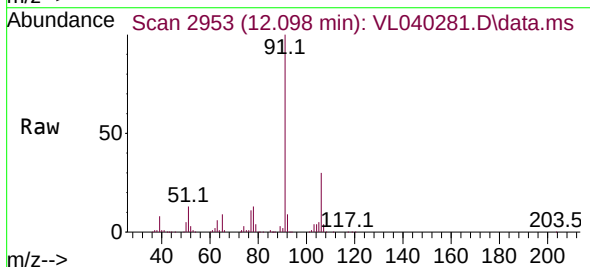
Manual Integrations
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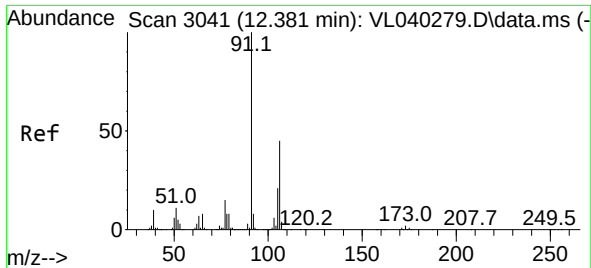
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#58
Ethyl Benzene
Concen: 0.953 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 91 Resp: 307602
Ion Ratio Lower Upper
91 100
106 29.7 24.9 37.3





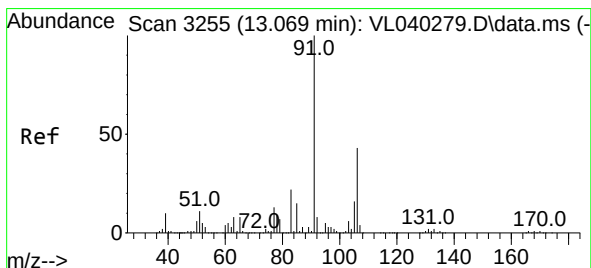
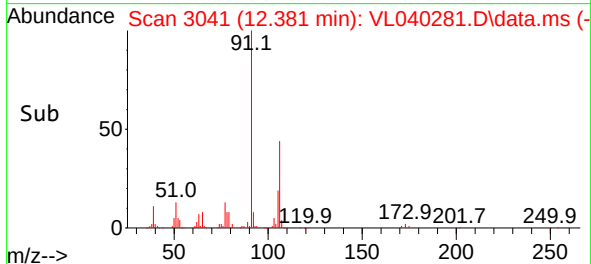
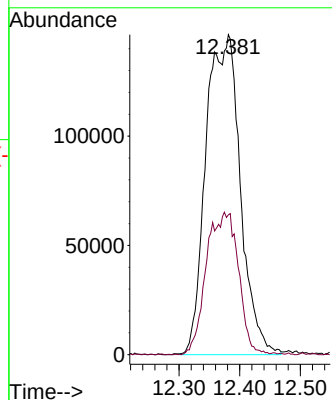
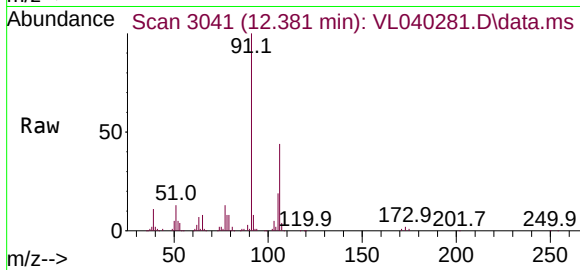
#59
m/p-Xylene
Concen: 2.016 ppbv m
RT: 12.381 min Scan# 3041
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 57623
Ion Ratio Lower Upper
91 100
106 41.7 34.6 51.8

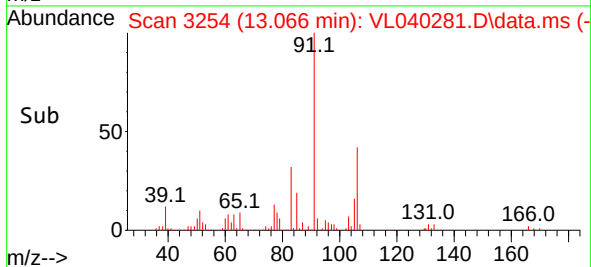
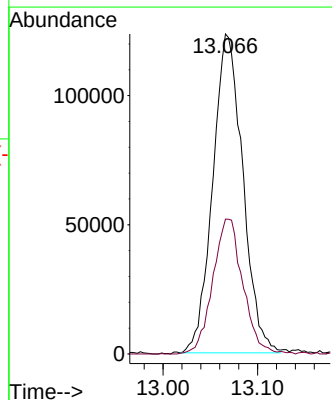
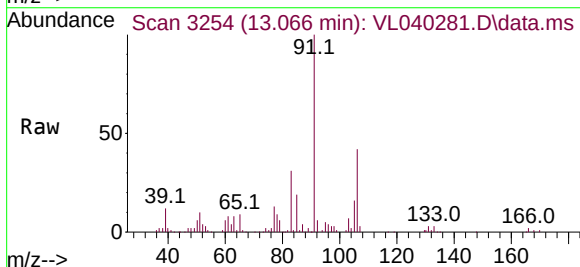
Manual Integrations
APPROVED

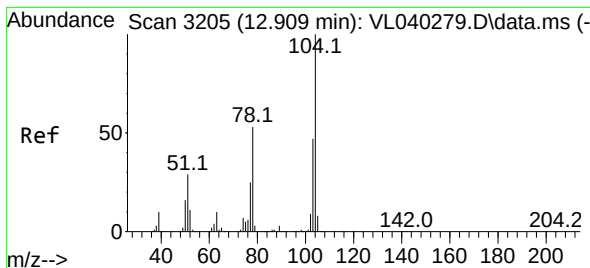
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#60
o-Xylene
Concen: 0.991 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion: 91 Resp: 272696
Ion Ratio Lower Upper
91 100
106 42.5 21.6 65.0





#61

Styrene

Concen: 0.868 ppbv

RT: 12.908 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

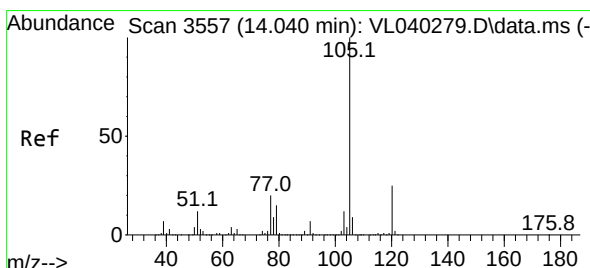
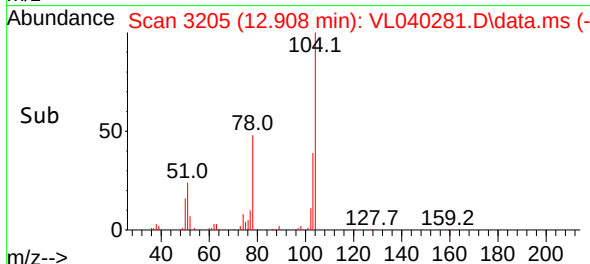
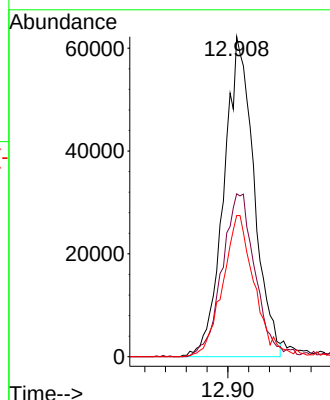
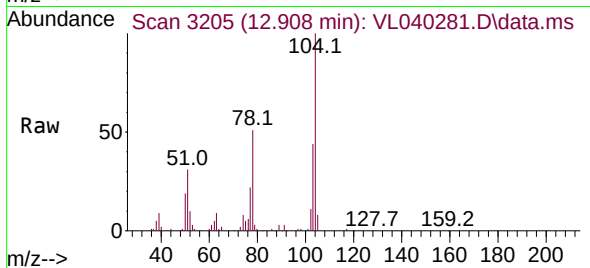
VSTDICC001

Tgt Ion:104 Resp: 125395
 Ion Ratio Lower Upper
 104 100
 78 56.9 42.3 63.5
 103 46.6 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#62

Isopropylbenzene

Concen: 1.006 ppbv

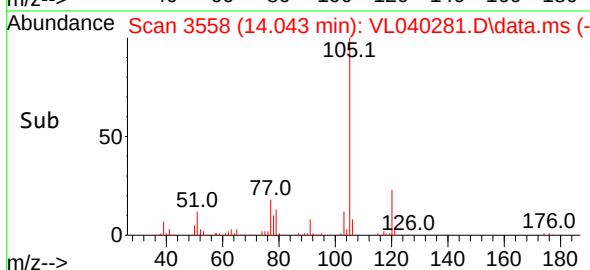
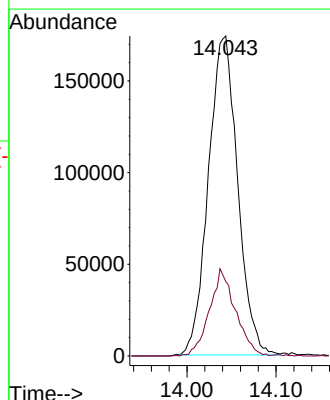
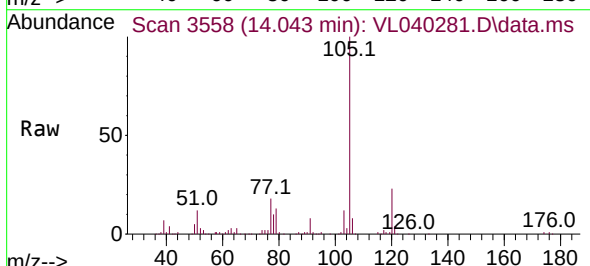
RT: 14.043 min Scan# 3558

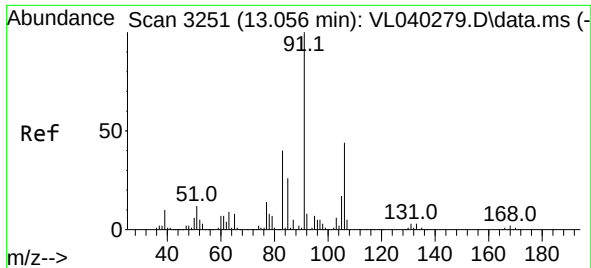
Delta R.T. 0.003 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

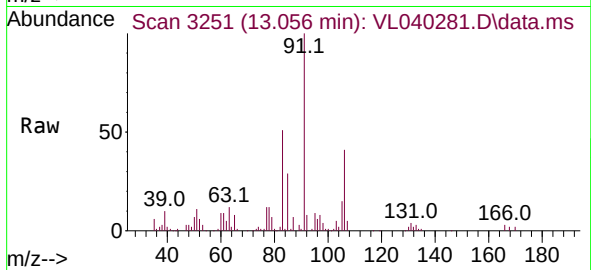
Tgt Ion:105 Resp: 397051
 Ion Ratio Lower Upper
 105 100
 120 24.4 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 1.060 ppbv
RT: 13.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

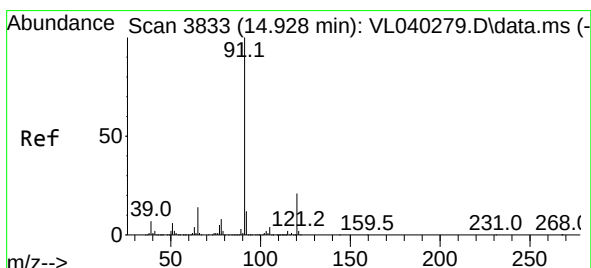
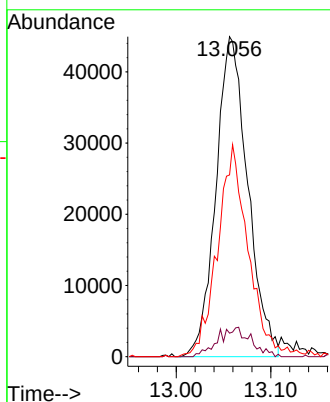
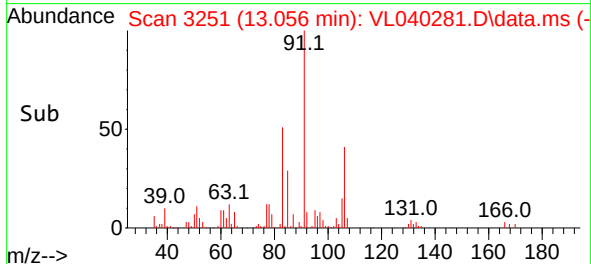
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



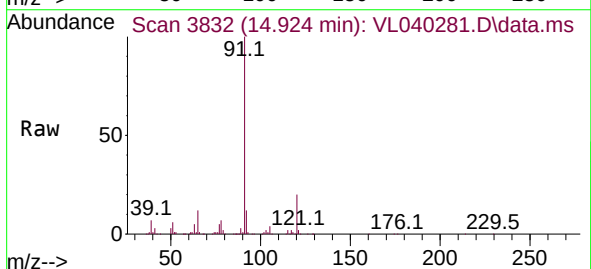
Tgt Ion: 83 Resp: 105104
Ion Ratio Lower Upper
83 100
131 9.5 4.4 13.2
85 64.5 33.0 99.0

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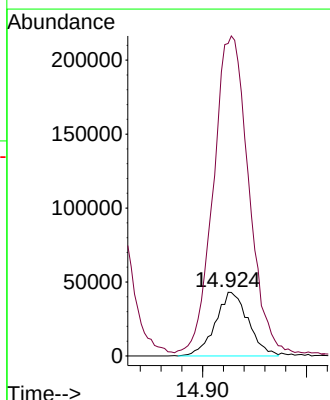
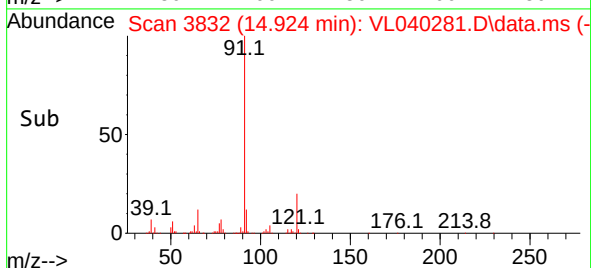
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

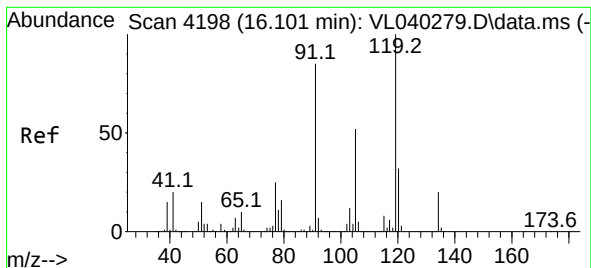


#64
n-propylbenzene
Concen: 0.966 ppbv
RT: 14.924 min Scan# 3832
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53



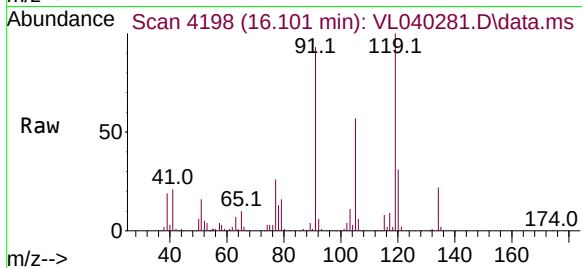
Tgt Ion:120 Resp: 94377
Ion Ratio Lower Upper
120 100
91 552.4 389.8 584.8





#65
tert-Butylbenzene
Concen: 0.994 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

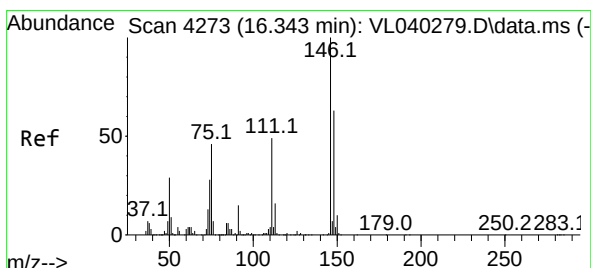
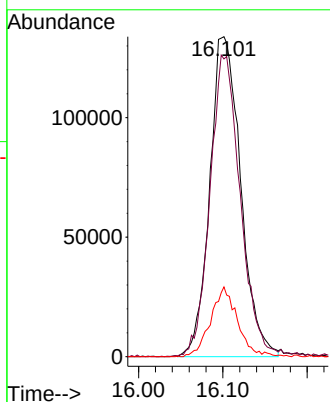
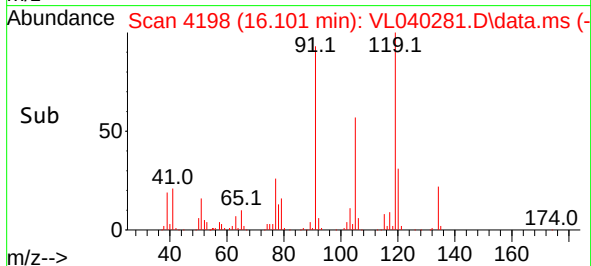
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



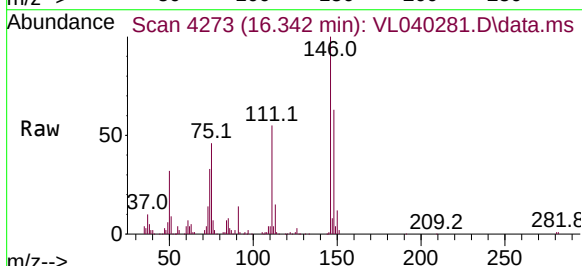
Tgt Ion: 119 Resp: 341210
Ion Ratio Lower Upper
119 100
91 93.2 68.6 102.8
134 19.2 15.9 23.9

Manual Integrations
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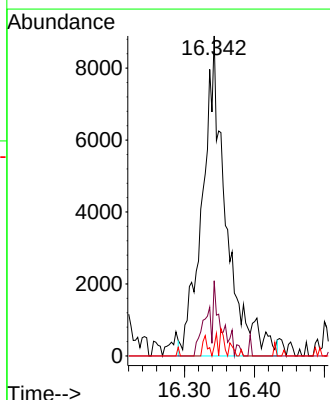
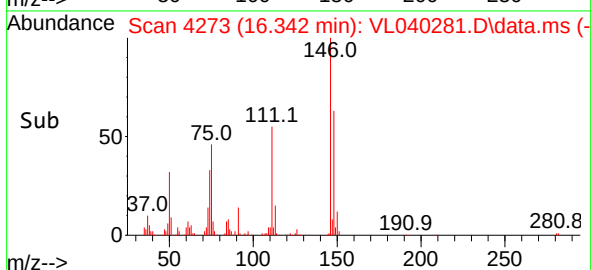
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

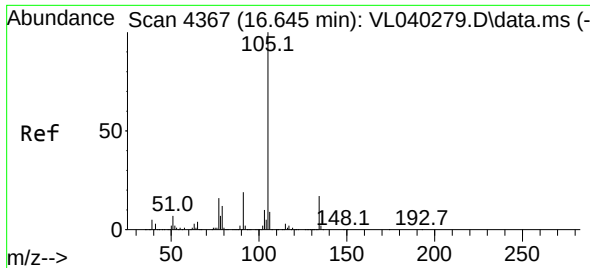


#66
Benzyl Chloride
Concen: 0.915 ppbv m
RT: 16.342 min Scan# 4273
Delta R.T. 0.006 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53



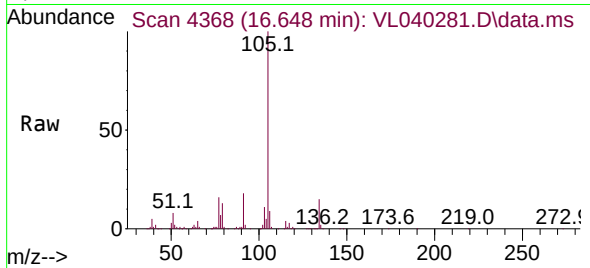
Tgt Ion: 91 Resp: 20895
Ion Ratio Lower Upper
91 100
126 14.1 13.1 19.7
128 0.0 4.1 6.1#





#67
 sec-Butylbenzene
 Concen: 1.010 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

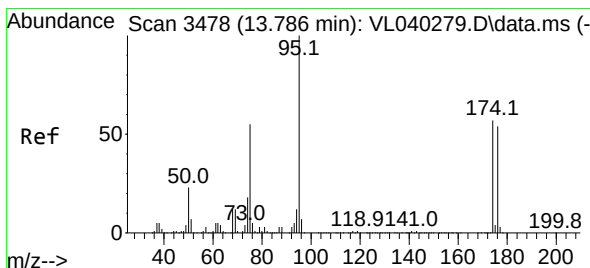
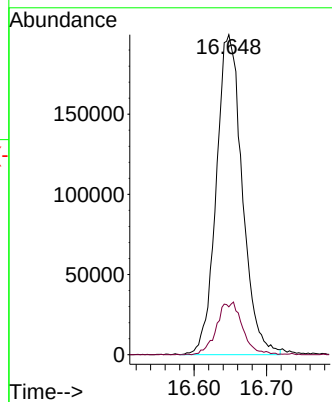
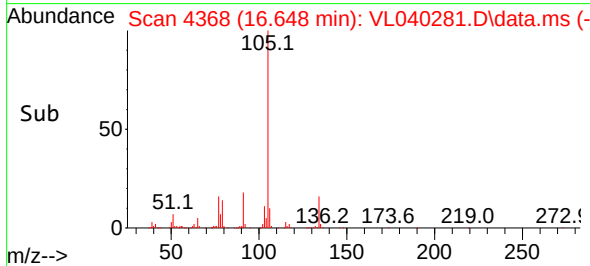
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion:105 Resp: 49721
 Ion Ratio Lower Upper
 105 100
 134 16.5 14.1 21.1

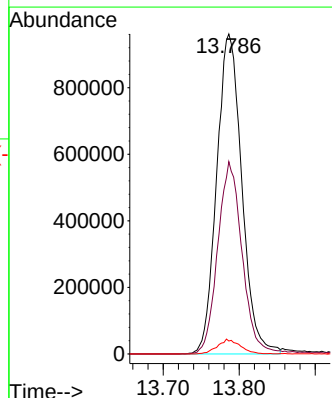
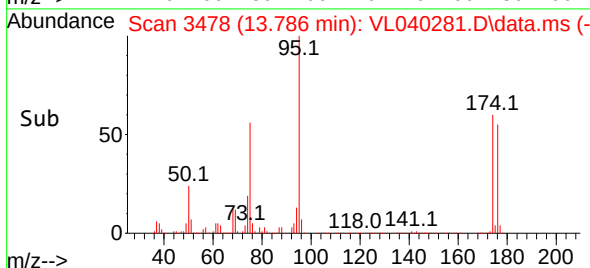
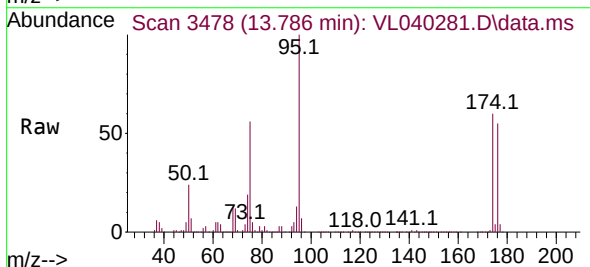
Manual Integrations
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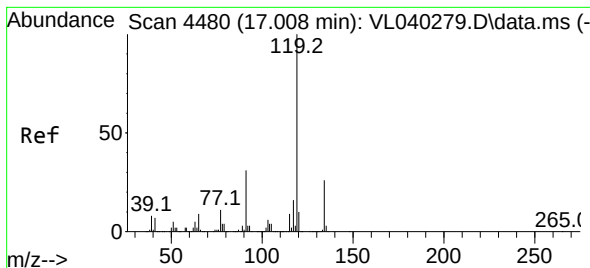
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.108 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.003 min
 Lab File: VL040281.D
 Acq: 15 Mar 2023 12:53

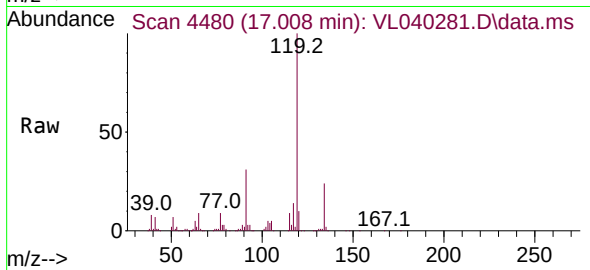
Tgt Ion: 95 Resp: 2207866
 Ion Ratio Lower Upper
 95 100
 174 59.3 48.2 72.2
 175 4.3 3.4 5.2





#69
p-Isopropyltoluene
Concen: 0.976 ppbv
RT: 17.008 min Scan# 4480
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

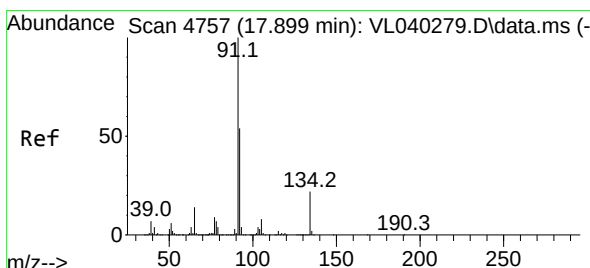
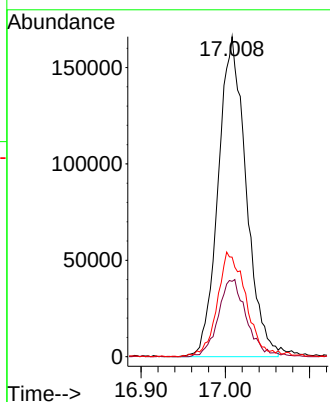
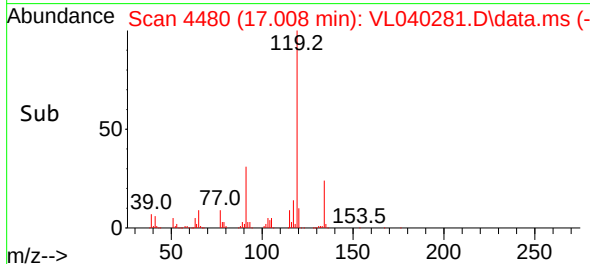
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



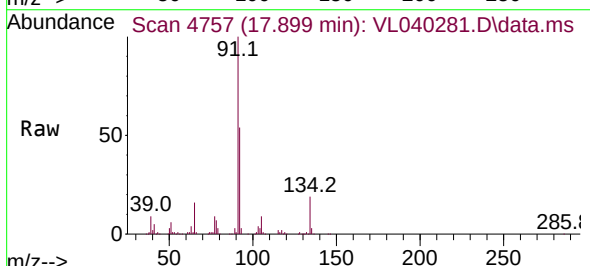
Tgt Ion: 119 Resp: 38068
Ion Ratio Lower Upper
119 100
134 24.6 20.2 30.2
91 34.3 24.7 37.1

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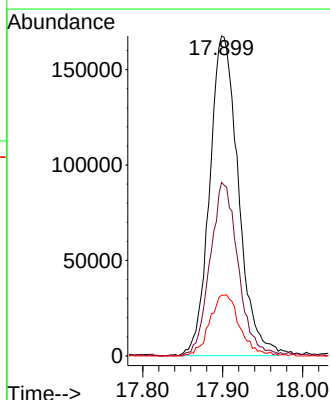
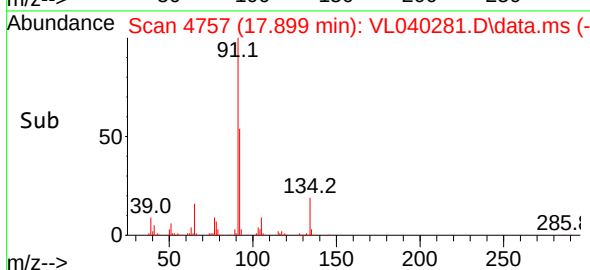
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

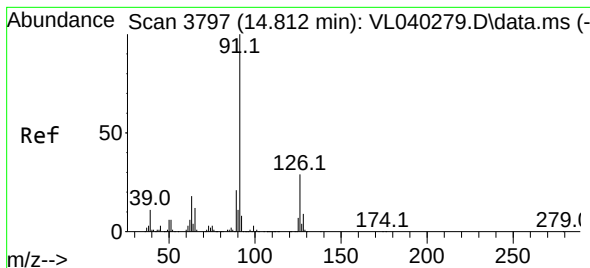


#70
n-Butylbenzene
Concen: 0.985 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53



Tgt Ion: 91 Resp: 417292
Ion Ratio Lower Upper
91 100
92 53.8 43.0 64.6
134 20.2 16.9 25.3





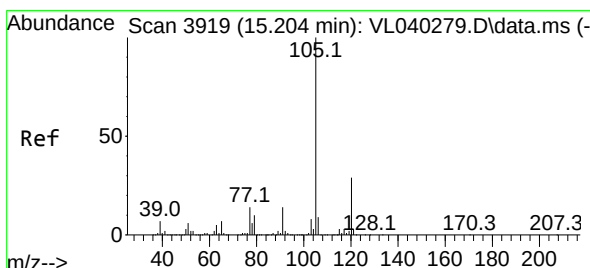
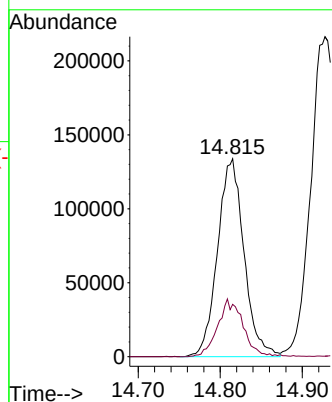
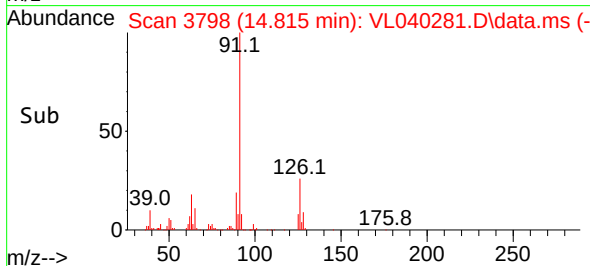
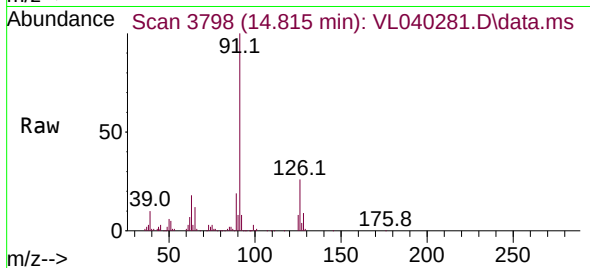
#71
2-Chlorotoluene
Concen: 0.992 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 29958
Ion Ratio Lower Upper
91 100
126 28.2 12.0 48.2

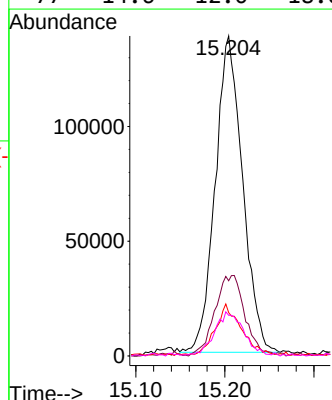
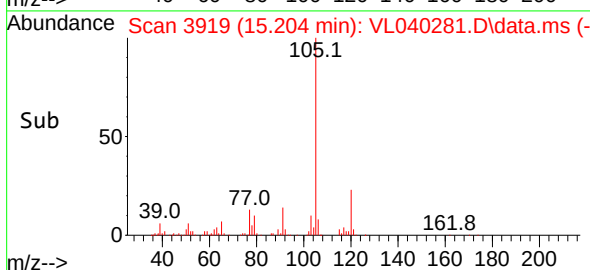
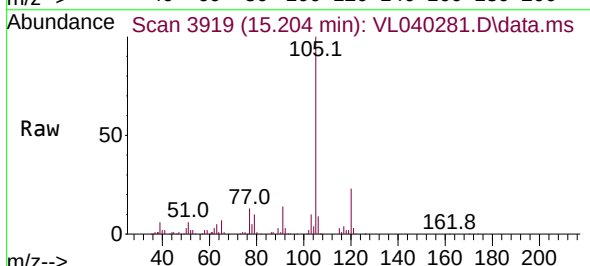
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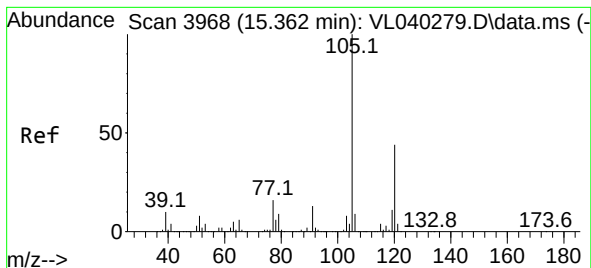
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#72
4-Ethyltoluene
Concen: 0.969 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion:105 Resp: 294486
Ion Ratio Lower Upper
105 100
120 28.3 23.2 34.8
91 15.6 11.3 16.9
77 14.6 12.0 18.0





#73

1,3,5-Trimethylbenzene

Concen: 0.934 ppbv

RT: 15.362 min Scan# 3968

Delta R.T. -0.000 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 26438

Ion Ratio Lower Upper

105 100

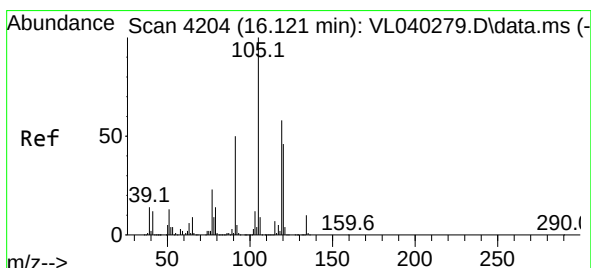
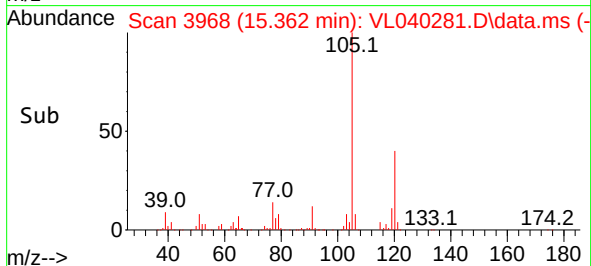
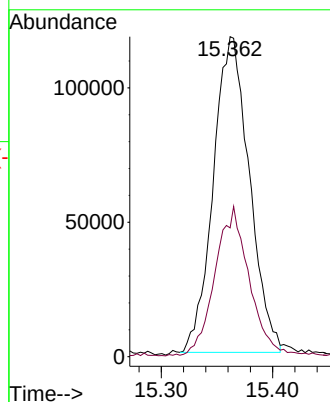
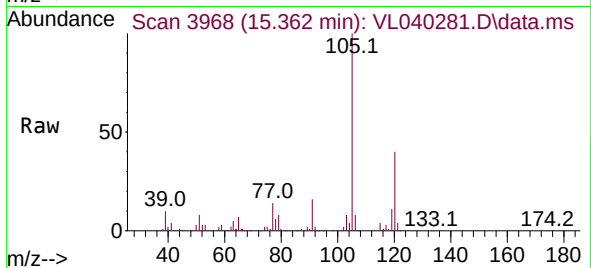
120 40.4 36.8 55.2

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Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#74

1,2,4-Trimethylbenzene

Concen: 1.012 ppbv

RT: 16.121 min Scan# 4204

Delta R.T. 0.003 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Tgt Ion:105 Resp: 314596

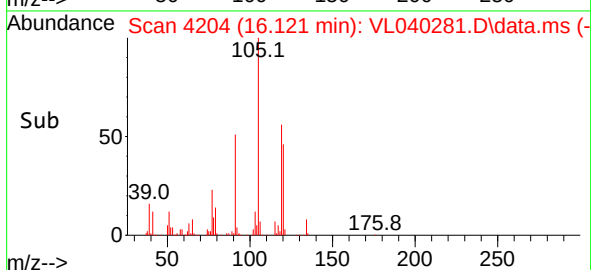
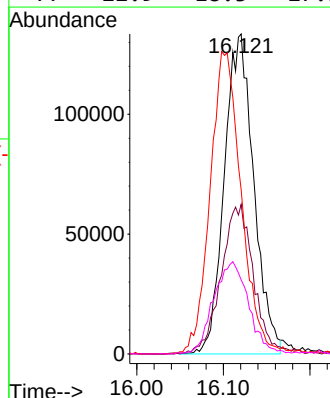
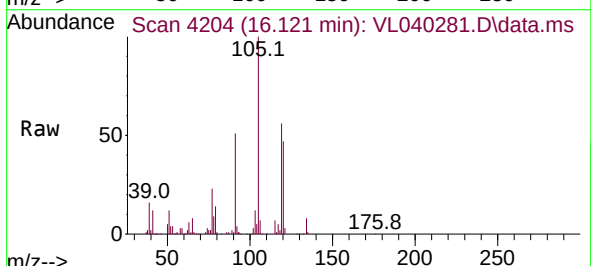
Ion Ratio Lower Upper

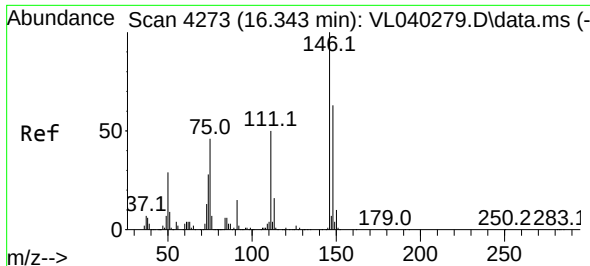
105 100

120 46.5 37.9 56.9

91 50.6 43.7 65.5

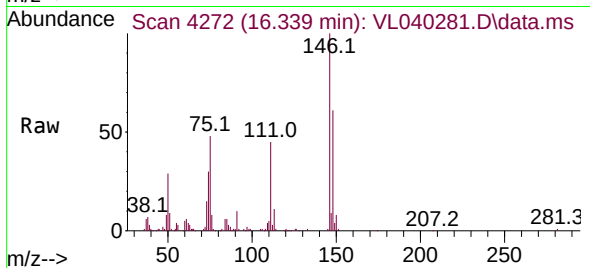
77 22.9 18.3 27.5





#75
1,3-Dichlorobenzene
Concen: 0.999 ppbv m
RT: 16.339 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

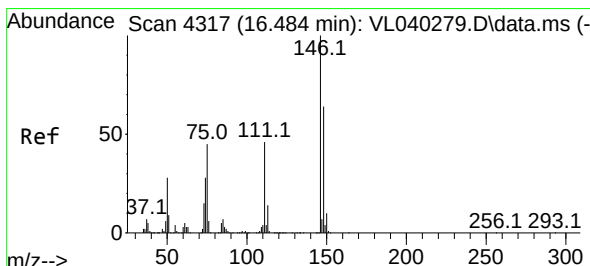
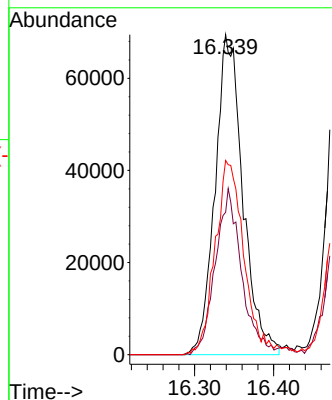
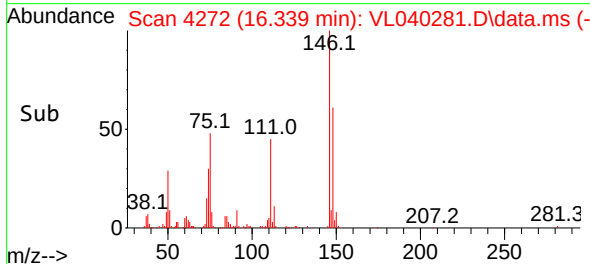
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



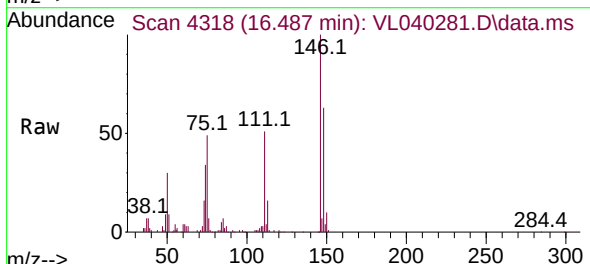
Tgt Ion:146 Resp: 16982
Ion Ratio Lower Upper
146 100
111 50.0 23.9 71.8
148 63.2 32.1 96.5

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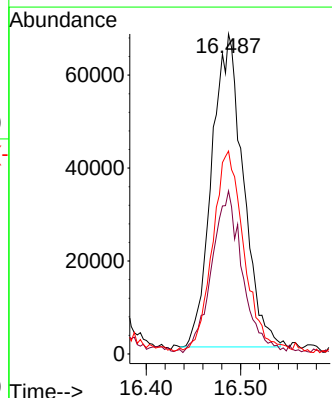
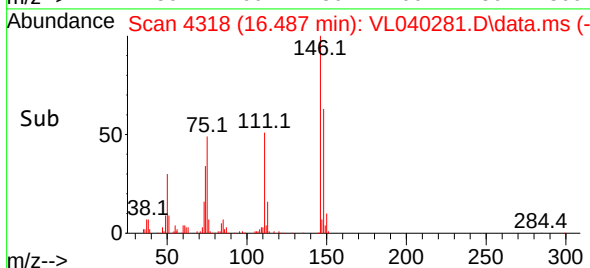
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

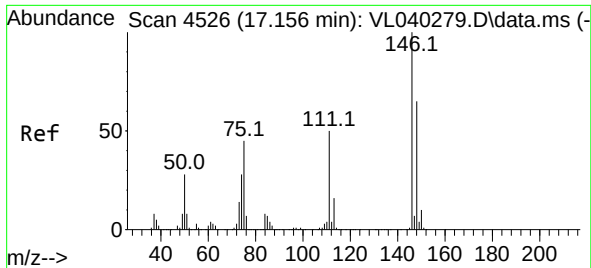


#76
1,4-Dichlorobenzene
Concen: 0.936 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53



Tgt Ion:146 Resp: 155918
Ion Ratio Lower Upper
146 100
111 51.8 23.5 70.5
148 67.4 32.5 97.4





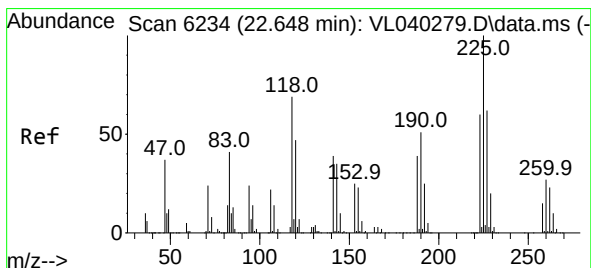
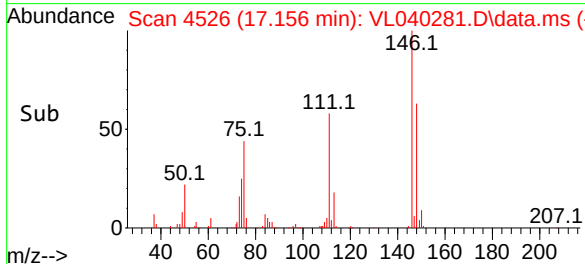
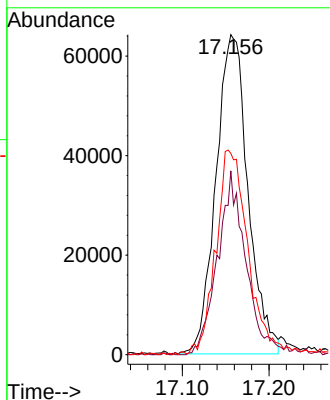
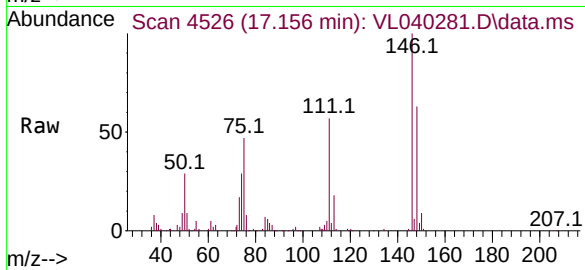
#77
1,2-Dichlorobenzene
Concen: 0.978 ppbv
RT: 17.156 min Scan# 4526
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Instrument :
MSVOA_1
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 16519
Ion Ratio Lower Upper
146 100
111 51.6 25.3 75.8
148 65.5 32.0 96.2

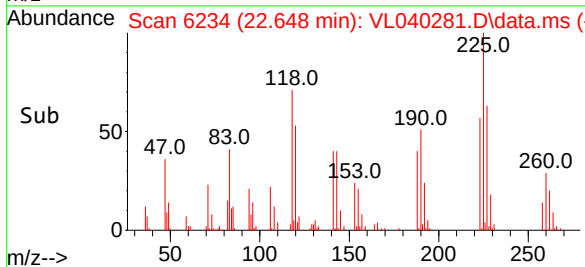
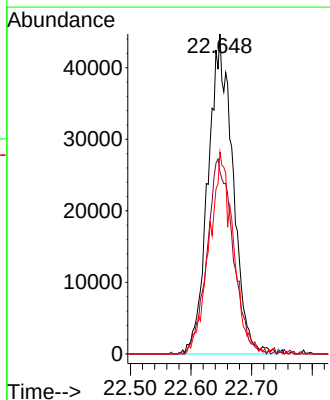
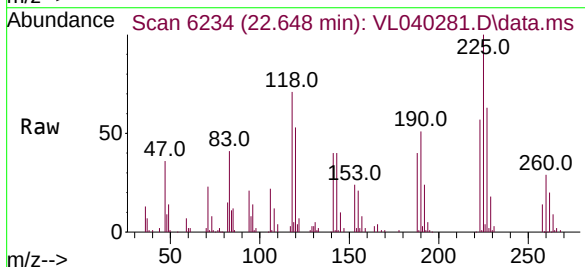
Manual Integrations
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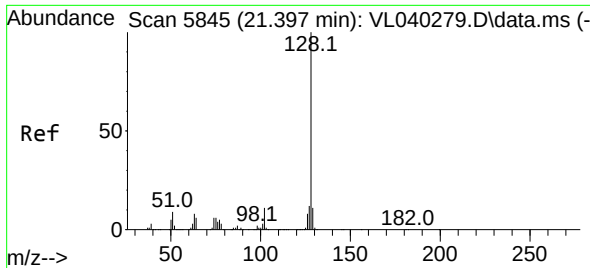
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#78
Hexachloro-1,3-Butadiene
Concen: 1.097 ppbv m
RT: 22.648 min Scan# 6234
Delta R.T. 0.003 min
Lab File: VL040281.D
Acq: 15 Mar 2023 12:53

Tgt Ion:225 Resp: 127301
Ion Ratio Lower Upper
225 100
223 63.7 51.0 76.6
227 61.9 51.2 76.8





#79

Naphthalene

Concen: 1.029 ppbv m

RT: 21.407 min Scan# 5845

Delta R.T. 0.010 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

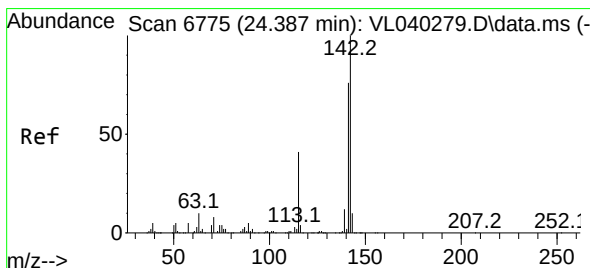
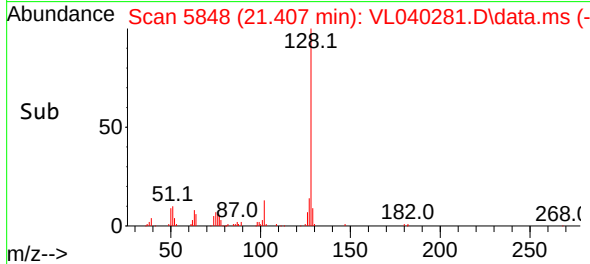
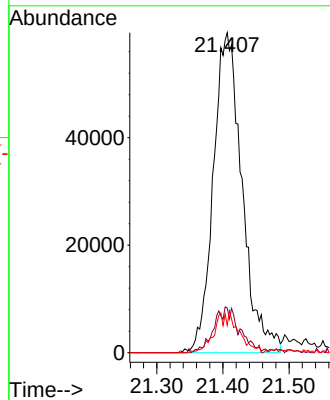
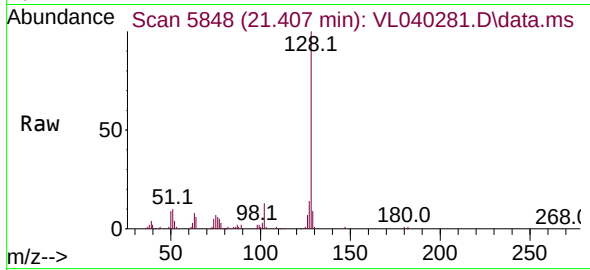
VSTDIC001

Tgt Ion:	128	Resp:	179674
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.2	15.4
129	8.6	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#80

Naphthalene,2-methyl-

Concen: 0.551 ppbv m

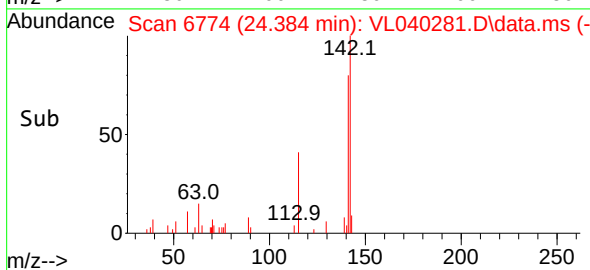
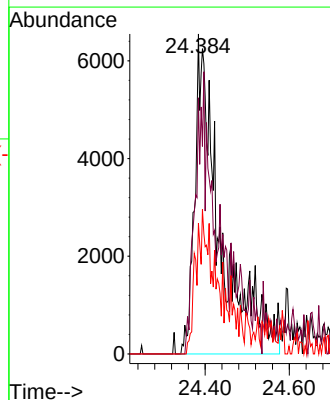
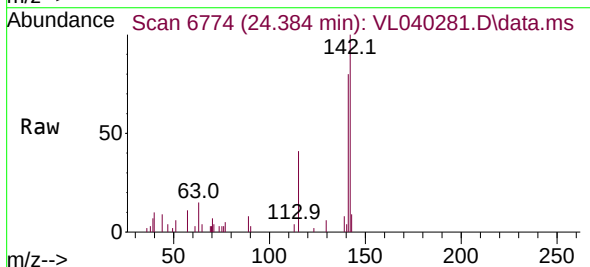
RT: 24.384 min Scan# 6774

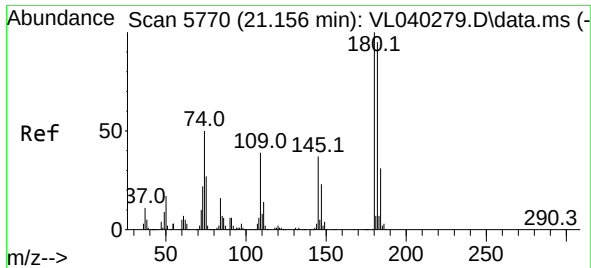
Delta R.T. -0.000 min

Lab File: VL040281.D

Acq: 15 Mar 2023 12:53

Tgt Ion:	142	Resp:	27333
Ion Ratio	Lower	Upper	
142	100		
141	80.8	67.3	100.9
115	21.8	36.5	54.7





#81

1,2,4-Trichlorobenzene

Concen: 0.945 ppbv m

RT: 21.162 min Scan# 51

Delta R.T. 0.013 min

Lab File: VL040281.D

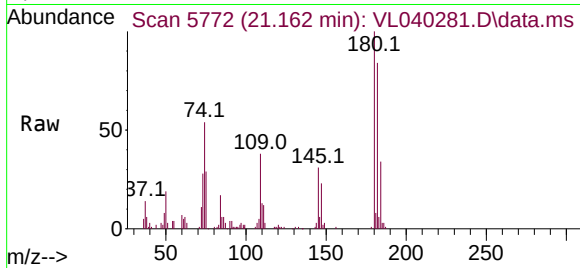
Acq: 15 Mar 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001



Tgt Ion:180 Resp: 10324

Ion Ratio Lower Upper

180 100

182 0.0 79.0 118.6

184 0.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023

